

MEMORANDUM

TO: Board of Trustees

THROUGH: Brad Underwood, Director of Public Works

FROM: Bree Waters, District Project Manager

SUBJECT: Review, discuss and award the Construction Contract for Mt. Golf Cart Path Restoration - Phase II and Recirculation - Phase III with other construction related contracts (CIP #3241LI2001). (Requesting Staff Member: Director of Public Works Brad Underwood)

RELATED STRATEGIC PLAN INITIATIVE(S): **LONG RANGE PRINCIPLE #5 – ASSETS AND INFRASTRUCTURE**

The District will practice perpetual asset renewal, replacement and improvement to provide safe and superior long term utility services and recreation venues, facilities, and services.

Budgeted Initiatives H:

Complete the design and begin construction of the Mountain Golf Course Path Project. Construction of Phase I is complete. Public Works staff has re-evaluated the conditions of the remaining pathway. The results of this evaluation were presented to the Board with an alternate approach to construction. The Board accepted this alternate approach. It is anticipated that some work will be done in late spring 2023, with the remainder being done in Fall 2023.

RELATED DISTRICT POLICIES, PRACTICES, RESOLUTIONS OR ORDINANCES

Capital Planning Multi-Year Capital Planning Policy 12.1.0; Capital Planning Capital Project Budgeting Policy 13.1.0; Capital Planning Capital Expenditures Practice 13.2.0; Purchasing Policy for Public Works Contracts Policy 21.1.0

DATE: May 10, 2023

I. RECOMMENDATION

The Board of Trustees make a motion to:

1. Approve the award of the Construction Contract for Mt. Golf Cart Path Restoration - Phase II to Sierra Nevada Construction, Inc. in the amount of \$187,007.
2. Authorize staff to execute change orders for additional work for 10% of the Mt. Cart Path Restoration - Phase II construction contract in the amount of \$18,700.
3. Approve the contract with Black Eagle Consulting for materials testing for Mt. Golf Cart Path Restoration - Phase II in the amount of \$5,500 and for Mt. Golf Cart Path Restoration - Phase III in the amount of \$3,900.
4. Approve the award of the Construction Contract for Mt. Golf Cart Path Recirculation - Phase III to West Coast Paving, Inc. in the amount of \$216,000.
5. Authorize staff to execute change orders for additional work for 10% of the Mt. Cart Path Recirculation - Phase III construction contract in the amount of \$21,600.
6. Authorize staff to perform construction services and inspection as required, not to exceed \$60,450.
7. Approve the contract with Rockwood Tree Service for tree removal services in the amount of \$55,225.
8. Authorize staff to hold a \$60,000 Owner Allowance for unforeseen damage to the cart path due to the past winter that was not accounted for during inspections last year in preparation of the design.
9. Authorize staff to execute contract amendments for additional services as required with Black Eagle Consulting not to exceed \$1,000.
10. Authorize Chair and Secretary to execute the contracts in substantially the form presented.

II. BACKGROUND

The Mountain Golf Course has approximately 14,440 linear feet (LF) of cart pathway, which equates to approximately 115,500 square feet (SF) of pavement. In addition, there is approximately 5,000 LF of asphalt curb. It was previously recommended that the entire path be reconstructed. Phase 1 of the Mountain Golf Course Cart Path was constructed during the fall of 2021 and reconstructed in several areas where the subgrade was failing.

On August 21, 2020, IVGID contracted with Lumos and Associates (Lumos) to evaluate the pathways and bridges, conduct a geotechnical investigation, and provide a design memorandum with a preliminary cost estimate. In their design memorandum, Lumos presented two (2) alternatives for pathway reconstruction, either spot repair or full cart path replacement. The Board of Trustees moved forward with full cart path replacement with a phased approach to design and construction, based on Staff's recommendation at that time. However, on August 31, 2022, the current Public Works Staff recommended the Board of Trustees

reevaluate this approach.

At the August 31, 2022 Board meeting, staff recommended that Phase II of the project scope be reduced to include removal and replacement of approximately 600 LF of cart path, tree root removal, crack sealing and slurry sealing the entire length of the path with an estimated construction cost was \$293,300. The original project scope called for complete removal and replacement of 10,281 LF, or approximately 82,248 SF of cart path with an estimated construction cost of \$2,463,800. The Board authorized this modification to the scope of the project which will provide substantial savings to the District.

Removal and replacement of the cart path is necessary where the subgrade is failing as indicated by apparent and excessive pavement surface cracking. A field investigation identified approximately 500 LF of the remaining cart path where the subgrade is failing. At these locations, the existing asphalt and supporting aggregate is recommended to be removed and the native subgrade assessed. Once the subgrade is suitably prepared, the full pavement section will be reconstructed. There are also a number of locations, approximately 100 LF of cart path, where tree roots are upheaving the cart path. Staff worked with TRPA's forester to develop a tree removal plan. All locations where roots are damaging the cart path, the trees will be removed, the roots will be cut and the cart path reconstructed in the same manner as stated above.

Staff also recommenced Phase III of the project, which consists of two sections of cart path that require realignment due to safety concerns be completed as well; the first is located between the green of Hole #2 and the Tee Box of Hole #3; the second is located at the crossing of Golfer's Pass Road from Hole #11 to the Tee Box of Hole #12. These two realignments require a Washoe County Grading Permit as well as a TRPA permit and lend themselves to being a separate phase of the project. The realignments require the removal of approximately 250 cubic yards (CY) of material. The cost estimate for this phase of the project was \$150,000.

The Board approved moving forward with the new phasing as shown in the exhibit for Phases II and III in Attachment A.

III. BID RESULTS

The District publicly advertised the Project for bidding on March 14, 2023 with a bid submittal due date of April 6, 2023, a 3-week bid period. A mandatory pre-bid conference was held on March 23, 2023 with three (3) contractors present. The District advertised the work as required by NRS 338, and posted all construction documents on PlanetBids. Contractors, vendors and Plan Rooms on PlanetBids can access all of the District's documents at no cost. The online portal also tracks questions, addenda to the documents (none issued), plan holders and interested vendors.

The District received and opened two (2) bids for Phase II and one (1) bid for

Phase III. The Engineer's Estimate for Phase II was \$251,800 and for Phase III was \$154,000 (there were no contingencies in the Engineer's Estimates). The bid results were as follows:

| Phase / Contractor | Total Bid Amount |
|--|-------------------------|
| Mt. Golf Cart Path Rehabilitation - Phase II | |
| Sierra Nevada Construction, Inc. | \$187,007 |
| West Coast Paving | \$333,000 |
| Mt. Golf Cart Path Recirculation - Phase III | |
| West Coast Paving | \$216,000 |

The lowest responsive bidder for Phase II was Sierra Nevada Construction, Inc. The Construction Contract has been included in Attachment B. The lowest responsive bidder for Phase III was West Coast Paving. The Construction Contract is included in Attachment C. The PW staff reviewed the bids, available project budgets and checked references for the Contractors. Staff recommends awarding the bid for Phase II to Sierra Nevada Construction, Inc for a total amount of \$187,007, and for Phase III to West Coast Paving for a total amount of \$216,000. A notice to proceed is expected to be issued on or about Sept. 5, 2023 with work expected to take approximately 60 consecutive days with a substantial completion date of Nov. 4, 2023.

The District reached out to three (3) tree removal contractors to ask for a proposal to remove sixty-seven (67) trees from the Mt. Golf Course with a proposed start date of May 11, 2023. The three (3) contractors were Bushwackers, Rockwood Tree Service and Tyrrell Resources. Two (2) proposals were received: Bushwackers (\$109,900) and Rockwood Tree Service (\$55,225), Tyrell Resources did not submit a proposal. The lowest responsive bid is Rockwood Tree Service. The contract for Rockwood Tree Removal Service has been included in Attachment D.

IV. FINANCIAL IMPACT AND BUDGET

The Mt. Golf Cart Path Restoration - Phase II (CIP #3241LI2001) and the Mt. Golf Cart Path Recirculation - Phase III (CIP #3241LI2001) is included in the FY 23 CIP Budget in the amount of \$1,100,000. See Project Data Sheet, Attachment E. The total below presents the estimated cost of the project:

| Task | Cost |
|--|-------------|
| Mt. Golf Cart Path Rehabilitation - Phase II | \$187,007 |
| Phase II Construction Contingency (10%) | \$18,700 |
| Materials Testing - Phase II | \$5,500 |

| | |
|---|------------------|
| Mt. Golf Cart Path Recirculation - Phase III | \$216,000 |
| Phase III Construction Contingency (10%) | \$21,600 |
| Materials Testing - Phase III | \$3,900 |
| Materials Testing Contingency (10%) | \$1,000 |
| Construction Management & Inspection Services | \$60,450 |
| Tree Removal | \$55,225 |
| Owners' Allowance | \$60,000 |
| Total | \$629,382 |

A construction contingency is carried to account for any unforeseen conditions. The construction management and inspection will be done by PW staff, the materials testing will be completed by Black Eagle Consulting. The contracts for Black Eagle Consulting are included in Attachment F.

V. ALTERNATIVES

Not award the Mt. Golf Cart Path Rehabilitation Phase II or the Mt. Golf Cart Path Recirculation - Phase III and allow the Mt. Course golf cart path to deteriorate.

VI. COMMENTS

District Legal Counsel has reviewed the contracts.

The FY 23 Budget for this project is \$1,100,000. The difference in the project costs and the budget, \$470,618, will not be carried forward to the FY 24 Budget.

VII. BUSINESS IMPACT/BENEFIT

This item is not a "rule" within the meaning of Nevada Revised Statutes, Chapter 237, and does not require a Business Impact Statement.

This project provides the necessary maintenance for the existing pavement to reach or exceed the expected life of the existing pavement, which is typically 20+ years. By making these improvements now, the District can avoid full pavement replacement prior to the expected life of the existing pavement. In addition, removal of trees, tree roots and cart path reconstruction in areas where there is upheaving in the golf cart path can reduce the wear and tear on the golf carts.

VIII. ATTACHMENTS





1. ATTACHMENT A_MGCP Phases II & III Phasing
2. ATTACHMENT B_Phase II Contract_SNC
3. ATTACHMENT C_Phase III Contract_West Coast Paving
4. ATTACHMENT D_Tree Removal_Rockwood Tree Service
5. ATTACHMENT E_Project Data Sheet
6. ATTACHMENT F_Materials Testing Contract_Black Eagle

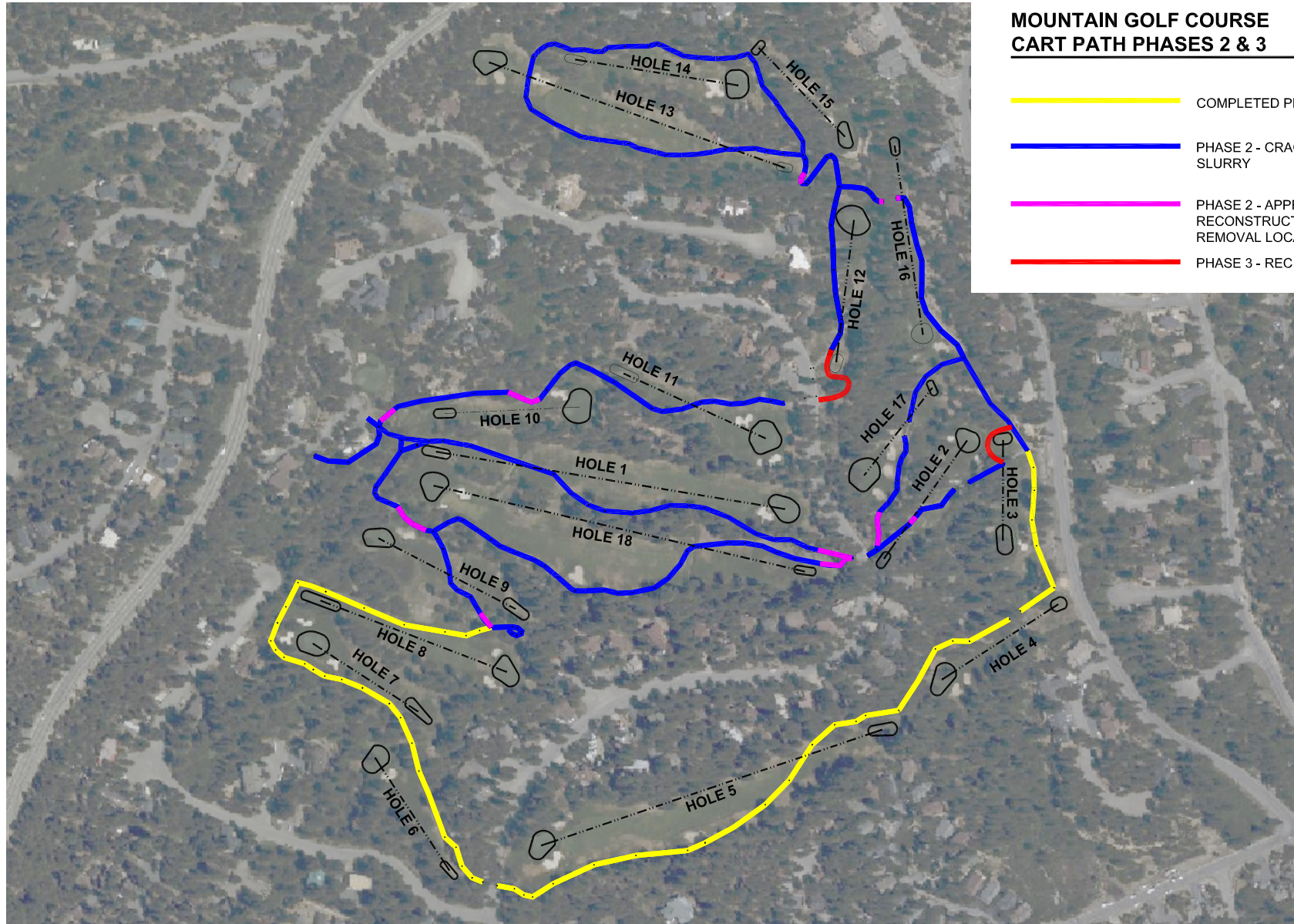
IX. DECISION POINTS NEEDED FROM THE BOARD OF TRUSTEES

The Board of Trustees make a motion to:

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**MOUNTAIN GOLF COURSE
CART PATH PHASES 2 & 3**

-  COMPLETED PHASE 1
-  PHASE 2 - CRACK SEALING & SLURRY
-  PHASE 2 - APPROXIMATE REMOVAL AND RECONSTRUCTION LOCATIONS. TREE REMOVAL LOCATIONS NOT INDICATED.
-  PHASE 3 - RECIRCULATION





Contract Documents
for
MT. GOLF COURSE CART PATH RESTORATION - PHASE II
IVGID Project Number 3241LI1903
PWP No. WA-2022-307

Issued for Bidding
March 10, 2023

Prepared for:
INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT
Public Works Department

Prepared by:
INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT
Public Works Department
1220 Sweetwater Rd.
Incline Village, NV 89451

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ADVERTISEMENT FOR BIDS

Sealed proposals will be received at the offices of the Incline Village General Improvement District (IVGID or District) Public Works Department, located at 1220 Sweetwater Road, Incline Village, Washoe County, Nevada, until **2:00 p.m., April 6, 2023**, at which time they will be publicly opened and read for:

Mountain Golf Course Cart Path Restoration, Phase II
IVGID Project #: 3241LI2001
PWP WA – 2023-291

The Project includes the following Work:

The Project is located at 690 Wilson Way, in Incline Village, Washoe County, Nevada. The Base Bid scope of work includes replacing approximately 4,705 SF of existing asphalt pavement and base, 143 LF of AC curb replacement, 235 SF of Rock Slope Protection, 30,870 LF of crack seal, and approximately 86,125 SF of slurry seal throughout the entirety of the cart path.

Owner anticipates that the Project's total Base Bid price will be approximately **\$251,800**. The Project has an expected duration of **60 working days, with an anticipated start date of Sept. 5, 2023.**

Bidding Documents, including Plans and Specifications, may be obtained at the Owner's Planet Bids website (<https://www.planetbids.com/portal/portal.cfm?CompanyID=30437>). Prospective Bidders are urged to register with the designated website as a plan holder, even if Bidding Documents are obtained from a plan room or source other than the designated website in either electronic or paper format. The designated website will be updated periodically with addenda, lists of registered plan holders, reports, and other information relevant to submitting a Bid for the Project. All official notifications, addenda, and other Bidding Documents will be offered only through the designated website. Neither Owner nor Engineer will be responsible for Bidding Documents, including addenda, if any, obtained from sources other than the designated website.

This is a Prevailing Wage Public Works project. In accordance with the provisions of NRS 338, the IVGID Board of Trustees has ascertained from the Labor Commissioner the general prevailing wage in the locality of the District for each craft and type of workman, and the CONTRACT will contain in express terms the hourly and daily rate of such prevailing wage. *The PWP number for this project is WA-2023-291.*

No proposal will be accepted from a Contractor who is not licensed in accordance with the laws of this State to perform the work herein described. IVGID reserves the right to reject any or all bids pursuant to Nevada Law; to award a contract for less than all the work if funds now available are insufficient for completion of the total project; to waive any informalities or irregularities therein; and/or to award the bid to the lowest responsible bidder. *The Contractor must bid all schedules.*

A **mandatory pre-bid conference** will be held on **March 23, 2023 at 2:00 p.m. at the IVGID Public Works office**. All potential bidders are required to attend.

All questions and RFIs should be directed through the District's Planet Bids portal. For assistance with Planet Bids or downloading of documents, contact the IVGID Engineering office at 775-832-1267.

INSTRUCTIONS TO BIDDERS

ARTICLE 1—DEFINED TERMS

- 1.01 Terms used in these Instructions to Bidders have the meanings indicated in the General Conditions and Supplementary Conditions. Additional terms used in these Instructions to Bidders have the meanings indicated below:
- A. *Issuing Office*—The office from which the Bidding Documents are to be issued, and which registers plan holders.

ARTICLE 2—BIDDING DOCUMENTS

- 2.01 Bidder shall obtain a complete set of Bidding Requirements and proposed Contract Documents (together, the Bidding Documents). See the Agreement for a list of the Contract Documents. It is Bidder's responsibility to determine that it is using a complete set of documents in the preparation of a Bid. Bidder assumes sole responsibility for errors or misinterpretations resulting from the use of incomplete documents, by Bidder itself or by its prospective Subcontractors and Suppliers.
- 2.02 Bidding Documents are made available for the sole purpose of obtaining Bids for completion of the Project, and permission to download or distribution of the Bidding Documents does not confer a license or grant permission or authorization for any other use. Authorization to download documents, or other distribution, includes the right for plan holders to print documents solely for their use and the use of their prospective Subcontractors and Suppliers, provided the plan holder pays all costs associated with printing or reproduction. Printed documents may not be re-sold under any circumstances.
- 2.03 Owner has established a Bidding Documents Website as indicated in the Advertisement or invitation to bid. Owner recommends that Bidder register as a plan holder with the Issuing Office at such website, and obtain a complete set of the Bidding Documents from such website. Bidders may rely that sets of Bidding Documents obtained from the Bidding Documents Website are complete, unless an omission is blatant. Registered plan holders will receive Addenda issued by Owner.
- 2.04 Plan rooms (including construction information subscription services, and electronic and virtual plan rooms) may distribute the Bidding Documents, or make them available for examination. Those prospective bidders that obtain an electronic (digital) copy of the Bidding Documents from a plan room are encouraged to register as plan holders at the Bidding Documents Website. Owner is not responsible for omissions in Bidding Documents or other documents obtained from plan rooms, or for a Bidder's failure to obtain Addenda from a plan room.
- 2.05 *Electronic Documents*
- A. When the Bidding Requirements indicate that electronic (digital) copies of the Bidding Documents are available, such documents will be made available to the Bidders as Electronic Documents in the manner specified above.
1. Bidding Documents will be provided in Adobe PDF (Portable Document Format) (.pdf) that is readable by Adobe Acrobat Reader Version XI Standard or later. It is the intent of the Engineer and Owner that such Electronic Documents are to be exactly representative of the paper copies of the documents. However, because the Owner and Engineer cannot totally control the transmission and receipt of Electronic Documents nor the Contractor's means of reproduction of such documents, the Owner and Engineer cannot and do not

guarantee that Electronic Documents and reproductions prepared from those versions are identical in every manner to the paper copies.

- B. Unless otherwise stated in the Bidding Documents, the Bidder may use and rely upon complete sets of Electronic Documents of the Bidding Documents, described in Paragraph 2.05.A above. However, Bidder assumes all risks associated with differences arising from transmission/receipt of Electronic Documents versions of Bidding Documents and reproductions prepared from those versions and, further, assumes all risks, costs, and responsibility associated with use of the Electronic Documents versions to derive information that is not explicitly contained in printed paper versions of the documents, and for Bidder's reliance upon such derived information.

ARTICLE 3—QUALIFICATIONS OF BIDDERS

3.01 To demonstrate Bidder's qualifications to perform the Work, after submitting its Bid and within 48 hours of Owner's request, Bidder must submit the following information:

- A. Written evidence establishing its qualifications such as financial data, previous experience, and present commitments.
- B. A written statement that Bidder is authorized to do business in the state where the Project is located, or a written certification that Bidder will obtain such authority prior to the Effective Date of the Contract.
- C. Washoe County Business License prior to commencing construction.
- D. Such licenses as may be required by the laws of the State of Nevada for the performance of work specified in the Contract Documents. Such licenses are required at the time of submitting bid. One time raise in licensing monetary limits shall be approved by the State of Nevada prior to the time of submitting bid and shall be submitted with the bid.
- E. Each Bidder submitting a Bid Proposal to the Owner on a public work project whose estimated cost exceeds \$250,000 is responsible for ascertaining whether the Bidder intends to utilize the referenced statute for five percent (5%) preference and is also eligible for the bidder preference and other matters relating thereto provided in NRS Chapter 338.0117. The Bidder claiming the bid preference shall submit with their Bid Form:
 - 1. Certificate of Eligibility: A valid "Certificate of Eligibility" issued by the State of Nevada Contractor's Board, and
 - 2. Public Works Bidder's Preference Affidavit: A fully-executed copy of the Public Works Bidder's Preference Affidavit as proof of the Contractor's compliance with the provisions of NRS 338.

Failure to submit the Certificate of Eligibility and Affidavit with your Bid shall result in a waiver of any Bidder preference.

3.02 *Bid Form:*

- A. Bidder is to submit the following information with its Bid, to demonstrate Bidder's qualifications to perform the Work. Bids without such documentation included will be deemed Non-Responsive:
 - 1. A list of all first-tier subcontractors, equipment, and materials suppliers that will supply more than five percent (5%) of the bid amount. If the Contractor intends to self-perform any portion of the Work exceeding five percent (5%) of the Bid Amount, the Contractor

must also include the Contractor's name and identify the labor or portion of the Work the Contractor will self-perform in the list, as required by NRS 338.141.

2. Within two (2) hours after the opening of Bids, those bidders submitting the three lowest Bids must submit the names of each first-tier subcontractor, equipment and material supplier that will supply more than 1% of the bid amount, or Fifty Thousand Dollars (\$50,000), whichever is greater. If the Contractor intends to self-perform any portion of the Work exceeding one percent (1%) of the Bid Amount or Fifty Thousand Dollars (\$50,000), whichever is greater, the Contractor must also include the Contractor's name and identify the labor or portion of the Work the Contractor will self-perform in the list, as required by NRS 338.141.
 3. A list of similar projects previously completed by Bidder, including contact person with their telephone number and email, and the date the project was completed.
 - a. Contractor is required to have successfully performed three (3) projects of similar scope within the last five (5) years, including a minimum project total cost of \$350,000, contract time of 15 to 30 days, and preferably work performed in the Lake Tahoe basin.
 4. Work history of Job Foreman/Superintendent.
 - a. Contractor is required to staff project with a Job Foreman/Superintendent with minimum of five (5) years' experience with similar project work and five (5) projects within five (5) years greater than \$350,000.
 5. Bidder's state or other contractor license number, if applicable.
- 3.03 A Bidder's failure to submit required qualification information within the times indicated will result in the Bid being deemed Non-Responsive.
- 3.04 No requirement in this Article 3 to submit information will prejudice the right of Owner to seek additional pertinent information regarding Bidder's qualifications.

ARTICLE 4—PRE-BID CONFERENCE

- 4.01 A **mandatory pre-bid conference** will be held at the time and location indicated in the Advertisement or invitation to bid. Representatives of Owner and Engineer will be present to discuss the Project. Bidders are encouraged to attend and participate in the conference; however, attendance at this conference is not required to submit a Bid.
- 4.02 Information presented at the pre-bid conference does not alter the Contract Documents. Owner will issue Addenda to make any changes to the Contract Documents that result from discussions at the pre-bid conference. Information presented, and statements made at the pre-bid conference will not be binding or legally effective unless incorporated in an Addendum.

ARTICLE 5—SITE AND OTHER AREAS; EXISTING SITE CONDITIONS; EXAMINATION OF SITE; OWNER'S SAFETY PROGRAM; OTHER WORK AT THE SITE

5.01 Site and Other Areas

- A. The Site is identified in the Bidding Documents. By definition, the Site includes rights-of-way, easements, and other lands furnished by Owner for the use of the Contractor. Any additional lands required for temporary construction facilities, construction equipment, or storage of materials and equipment, and any access needed for such additional lands, are to be obtained and paid for by Contractor.

5.02 Existing Site Conditions

A. Subsurface and Physical Conditions; Hazardous Environmental Conditions

1. The Supplementary Conditions identify the following regarding existing conditions at or adjacent to the Site:
 - a. Those reports of explorations and tests of subsurface conditions at or adjacent to the Site that contain Technical Data.
 - b. Those drawings known to Owner of existing physical conditions at or adjacent to the Site, including those drawings depicting existing surface or subsurface structures at or adjacent to the Site (except Underground Facilities), that contain Technical Data.
 - c. Reports and drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site.
 - d. Technical Data contained in such reports and drawings.
 2. Owner will make copies of reports and drawings referenced above available to any Bidder on request. These reports and drawings are not part of the Contract Documents, but the Technical Data contained therein upon whose accuracy Bidder is entitled to rely, as provided in the General Conditions, has been identified and established in the Supplementary Conditions. Bidder is responsible for any interpretation or conclusion Bidder draws from any Technical Data or any other data, interpretations, opinions, or information contained in such reports or shown or indicated in such drawings.
 3. If the Supplementary Conditions do not identify Technical Data, the default definition of Technical Data set forth in Article 1 of the General Conditions will apply.
 4. *Geotechnical Baseline Report/Geotechnical Data Report*: If necessary to the Work, the Bidding Documents will contain a Geotechnical Baseline Report (GBR) and Geotechnical Data Report (GDR).
 - a. As set forth in the Supplementary Conditions, the GBR describes certain select subsurface conditions that are anticipated to be encountered by Contractor during construction in specified locations (“Baseline Conditions”). The GBR is a Contract Document.
 - b. The Baseline Conditions in the GBR are intended to reduce uncertainty and the degree of contingency in submitted Bids. However, Bidders cannot rely solely on the Baseline Conditions. Bids should be based on a comprehensive approach that includes an independent review and analysis of the GBR, all other Contract Documents, Technical Data, other available information, and observable surface conditions. Not all potential subsurface conditions are baselined.
 - c. Nothing in the GBR is intended to relieve Bidders of the responsibility to make their own determinations regarding construction costs, bidding strategies, and Bid prices, nor of the responsibility to select and be responsible for the means, methods, techniques, sequences, and procedures of construction, and for safety precautions and programs incident thereto.
 - d. As set forth in the Supplementary Conditions, the GDR is a Contract Document containing data prepared by or for the Owner in support of the GBR.
- B. *Underground Facilities*: Underground Facilities are shown or indicated on the Drawings, pursuant to Paragraph 5.05 of the General Conditions, and not in the drawings referred to in

Paragraph 5.02.A of these Instructions to Bidders. Information and data regarding the presence or location of Underground Facilities are not intended to be categorized, identified, or defined as Technical Data.

5.03 *Other Site-related Documents*

A. In addition to the documents regarding existing Site conditions referred to in Paragraph 5.02.A, the following other documents relating to conditions at or adjacent to the Site are known to Owner and made available to Bidders for reference:

1. None

Owner will make copies of these other Site-related documents available to any Bidder on request.

B. Owner has not verified the contents of these other Site-related documents, and Bidder may not rely on the accuracy of any data or information in such documents. Bidder is responsible for any interpretation or conclusion Bidder draws from the other Site-related documents.

C. The other Site-related documents are not part of the Contract Documents.

D. Bidders are encouraged to review the other Site-related documents, but Bidders will not be held accountable for any data or information in such documents. The requirement to review and take responsibility for documentary Site information is limited to information in (1) the Contract Documents and (2) the Technical Data.

5.04 *Site Visit and Testing by Bidders*

A. It is recommended that Bidder visit the Site and become familiar with and satisfy Bidder as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.

B. Bidder is not required to conduct any subsurface testing, or exhaustive investigations of Site conditions.

C. On request, and to the extent Owner has control over the Site, and schedule permitting, the Owner will provide Bidder general access to the Site to conduct such additional examinations, investigations, explorations, tests, and studies as Bidder deems necessary for preparing and submitting a successful Bid. Owner will not have any obligation to grant such access if doing so is not practical because of existing operations, security or safety concerns, or restraints on Owner's authority regarding the Site. Bidder is responsible for establishing access needed to reach specific selected test sites.

D. Bidder must comply with all applicable Laws and Regulations regarding excavation and location of utilities, obtain all permits, and comply with all terms and conditions established by Owner or by property owners or other entities controlling the Site with respect to schedule, access, existing operations, security, liability insurance, and applicable safety programs.

E. Bidder must fill all holes and clean up and restore the Site to its former condition upon completion of such explorations, investigations, tests, and studies.

5.05 *Owner's Safety Program*

A. Site visits and work at the Site may be governed by an Owner safety program. If an Owner safety program exists, it will be noted in the Supplementary Conditions.

5.06 *Other Work at the Site*

A. Reference is made to Article 8 of the Supplementary Conditions for the identification of the general nature of other work of which Owner is aware (if any) that is to be performed at the

Site by Owner or others (such as utilities and other prime contractors) and relates to the Work contemplated by these Bidding Documents. If Owner is party to a written contract for such other work, then on request, Owner will provide to each Bidder access to examine such contracts (other than portions thereof related to price and other confidential matters), if any.

ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Express Representations and Certifications in Bid Form, Agreement*

- A. The Bid Form that each Bidder will submit contains express representations regarding the Bidder’s examination of Project documentation, Site visit, and preparation of the Bid, and certifications regarding lack of collusion or fraud in connection with the Bid. Bidder should review these representations and certifications, and assure that Bidder can make the representations and certifications in good faith, before executing and submitting its Bid.
- B. If Bidder is awarded the Contract, Bidder (as Contractor) will make similar express representations and certifications when it executes the Agreement.

ARTICLE 7—INTERPRETATIONS AND ADDENDA

- 7.01 Owner on its own initiative may issue Addenda to clarify, correct, supplement, or change the Bidding Documents.
- 7.02 Bidder shall submit all questions about the meaning or intent of the Bidding Documents to Engineer through Owner’s Planet Bids website.
- 7.03 Interpretations or clarifications considered necessary by Engineer in response to such questions will be issued by Addenda delivered to all registered plan holders. Questions received less than seven days prior to the date for opening of Bids may not be answered.
- 7.04 Only responses set forth in an Addendum will be binding. Oral and other interpretations or clarifications will be without legal effect. Responses to questions are not part of the Contract Documents unless set forth in an Addendum that expressly modifies or supplements the Contract Documents.

ARTICLE 8—BID SECURITY

- 8.01 A Bid must be accompanied by bid security made payable to Owner in an amount of five percent (5%) of Bidder’s maximum Bid price (determined by adding the base bid and all alternates) and in the form of a bid bond issued by a surety meeting the requirements of Paragraph 6.01 of the General Conditions. Such bid bond will be issued in the form included in the Bidding Documents.
- 8.02 The Bid security of the apparent Successful Bidder will be retained until Owner awards the contract to such Bidder, and such Bidder has executed the Contract, furnished the required Contract security, and met the other conditions of the Notice of Award, whereupon the Bid security will be released. If the Successful Bidder fails to execute and deliver the Contract and furnish the required Contract security within 15 days after the Notice of Award, Owner may consider Bidder to be in default, annul the Notice of Award, and the Bid security of that Bidder will be forfeited, in whole in the case of a penal sum bid bond, and to the extent of Owner’s damages in the case of a damages-form bond. Such forfeiture will be Owner’s exclusive remedy if Bidder defaults.
- 8.03 The Bid security of other Bidders that Owner believes to have a reasonable chance of receiving the award may be retained by Owner until the earlier of 7 days after the Effective Date of the Contract

or 61 days after the Bid opening, whereupon Bid security furnished by such Bidders will be released.

- 8.04 Bid security of other Bidders that Owner believes do not have a reasonable chance of receiving the award will be released within 7 days after the Bid opening.

ARTICLE 9—CONTRACT TIMES

- 9.01 The number of days within which, or the dates by which, the Work is to be (a) substantially completed and (b) ready for final payment, and (c) Milestones (if any) are to be achieved, are set forth in the Agreement.
- 9.02 Provisions for liquidated damages, if any, for failure to timely attain a Milestone, Substantial Completion, or completion of the Work in readiness for final payment, are set forth in the Agreement.

ARTICLE 10—SUBSTITUTE AND “OR EQUAL” ITEMS

- 10.01 The Contract for the Work, as awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents without consideration during the bidding and Contract award process of possible substitute or “or-equal” items. In cases in which the Contract allows the Contractor to request that Engineer authorize the use of a substitute or “or-equal” item of material or equipment, application for such acceptance may not be made to and will not be considered by Engineer until after the Effective Date of the Contract.
- 10.02 All prices that Bidder sets forth in its Bid will be based on the presumption that the Contractor will furnish the materials and equipment specified or described in the Bidding Documents, as supplemented by Addenda. Any assumptions regarding the possibility of post-Bid approvals of “or-equal” or substitution requests are made at Bidder’s sole risk.

ARTICLE 11—SUBCONTRACTORS, SUPPLIERS, AND OTHERS

- 11.01 If the Instructions to Bidders require the identity of certain Subcontractors, Suppliers, individuals, or entities to be submitted to Owner in advance of a specified date prior to the Effective Date of the Agreement, the apparent Successful Bidder, and any other Bidder so requested, shall submit to Owner a list of all such Subcontractors, Suppliers, individuals, or entities proposed for those portions of the Work for which such identification is required.
- 11.02 If requested by Owner, such list must be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such Subcontractor or Supplier. If Owner or Engineer, after due investigation, has reasonable objection to any proposed Subcontractor or Supplier, Owner may, before the Notice of Award is given, request apparent Successful Bidder to submit an acceptable substitute, in which case apparent Successful Bidder will submit a substitute, Bidder’s Bid price will be increased (or decreased) by the difference in cost occasioned by such substitution, and Owner may consider such price adjustment in evaluating Bids and making the Contract award.
- 11.03 If apparent Successful Bidder declines to make any such substitution, Owner may award the Contract to the next lowest Bidder that proposes to use acceptable Subcontractors and Suppliers. Declining to make requested substitutions will constitute grounds for forfeiture of the Bid security of any Bidder. Any Subcontractor or Supplier, so listed and against which Owner or Engineer makes no written objection prior to the giving of the Notice of Award will be deemed acceptable to Owner and Engineer subject to subsequent revocation of such acceptance as provided in Paragraph 7.07 of the General Conditions.

- 11.04 Contractor shall not be required to employ any Subcontractor, Supplier, individual or entity against whom Contractor has reasonable objection.

ARTICLE 12—PREPARATION OF BID

- 12.01 The Bid Form is included with the Bidding Documents.
- A. All blanks on the Bid Form must be completed in ink and the Bid Form signed in ink. Erasures or alterations must be initialed in ink by the person signing the Bid Form. A Bid price must be indicated for each section, Bid item, alternate, adjustment unit price item, and unit price item listed therein.
- B. If the Bid Form expressly indicates that submitting pricing on a specific alternate item is optional, and Bidder elects to not furnish pricing for such optional alternate item, then Bidder may enter the words “No Bid” or “Not Applicable.”
- 12.02 If Bidder has obtained the Bidding Documents as Electronic Documents, then Bidder shall prepare its Bid on a paper copy of the Bid Form printed from the Electronic Documents version of the Bidding Documents. The printed copy of the Bid Form must be clearly legible, printed on 8½ inch by 11-inch paper and as closely identical in appearance to the Electronic Document version of the Bid Form as may be practical. The Owner reserves the right to accept Bid Forms which nominally vary in appearance from the original paper version of the Bid Form, providing that all required information and submittals are included with the Bid.
- 12.03 A Bid by a corporation must be executed in the corporate name by a corporate officer (whose title must appear under the signature), accompanied by evidence of authority to sign. The corporate address and state of incorporation must be shown.
- 12.04 A Bid by a partnership must be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The official address of the partnership must be shown.
- 12.05 A Bid by a limited liability company must be executed in the name of the firm by a member or other authorized person and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown.
- 12.06 A Bid by an individual must show the Bidder’s name and official address.
- 12.07 A Bid by a joint venture must be executed by an authorized representative of each joint venture in the manner indicated on the Bid Form. The joint venture must have been formally established prior to submittal of a Bid, and the official address of the joint venture must be shown.
- 12.08 All names must be printed in ink below the signatures.
- 12.09 The Bid must contain an acknowledgment of receipt of all Addenda, the numbers of which must be filled in on the Bid Form.
- 12.10 Postal and e-mail addresses and telephone number for communications regarding the Bid must be shown.
- 12.11 The Bid must contain evidence of Bidder’s authority to do business in the state where the Project is located, or Bidder must certify in writing that it will obtain such authority within the time for acceptance of Bids and attach such certification to the Bid.
- 12.12 If Bidder is required to be licensed to submit a Bid or perform the Work in the state where the Project is located, the Bid must contain evidence of Bidder’s licensure, or Bidder must certify in writing that it will obtain such licensure within the time for acceptance of Bids and attach such

certification to the Bid. Bidder's state contractor license number, if any, must also be shown on the Bid Form.

ARTICLE 13—BASIS OF BID

- 13.01 The basis of Bid is set in Section 3 – Bid Form. Description of the various basis of Bid are as follows:
- A. If Bid is Lump Sum
 - 1. Bidders must submit a Bid on a lump sum basis as set forth in the Bid Form.
 - B. If bid is a Base Bid with Alternates
 - 1. Bidders must submit a Bid on a lump sum basis for the base Bid and include a separate price for each alternate described in the Bidding Documents and as provided for in the Bid Form. The price for each alternate will be the amount added to or deleted from the base Bid if Owner selects the alternate.
 - 2. In the comparison of Bids, alternates will be applied in the same order of priority as listed in the Bid Form.
 - C. If bid is a Unit Price
 - 1. Bidders must submit a Bid on a unit price basis for each item of Work listed in the unit price section of the Bid Form.
 - 2. The “Bid Price” (sometimes referred to as the extended price) for each unit price Bid item will be the product of the “Estimated Quantity,” which Owner or its representative has set forth in the Bid Form, for the item and the corresponding “Bid Unit Price” offered by the Bidder. The total of all unit price Bid items will be the sum of these “Bid Prices”; such total will be used by Owner for Bid comparison purposes. The final quantities and Contract Price will be determined in accordance with Paragraph 13.03 of the General Conditions.
 - 3. Discrepancies between the multiplication of units of Work and unit prices will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

ARTICLE 14—SUBMITTAL OF BID

- 14.01 The unbound copy of the Bid Form is to be completed and submitted with the Bid security and the other documents required to be submitted under the terms of Article 2 of the Bid Form.
- 14.02 A Bid must be received no later than the date and time prescribed and at the place indicated in the Advertisement or invitation to bid and must be enclosed in a plainly marked and sealed opaque envelope with the Project title, and, if applicable, the designated portion of the Project for which the Bid is submitted, the name and address of Bidder, and must be accompanied by the Bid security and other required documents. If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid must be enclosed in a separate package plainly marked on the outside with the notation “BID ENCLOSED.” A mailed Bid must be addressed to the location designated in the Advertisement.
- 14.03 The Bidder assumes the sole responsibility for timely delivery of its Bid, regardless of the method of delivery. Bids received after the date and time prescribed for the opening of bids, or not submitted at the correct location or in the designated manner, will not be accepted and will be returned to the Bidder unopened.

ARTICLE 15—MODIFICATION AND WITHDRAWAL OF BID

- 15.01 An unopened Bid may be withdrawn by an appropriate document duly executed in the same manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids. Upon receipt of such notice, the unopened Bid will be returned to the Bidder.
- 15.02 If a Bidder wishes to modify its Bid prior to Bid opening, Bidder must withdraw its initial Bid in the manner specified in Paragraph 15.01 and submit a new Bid prior to the date and time for the opening of Bids.
- 15.03 If within 24 hours after Bids are opened any Bidder files a duly signed written notice with Owner and promptly thereafter demonstrates to the reasonable satisfaction of Owner that there was a material and substantial mistake in the preparation of its Bid, the Bidder may withdraw its Bid, and the Bid security will be returned. Thereafter, if the Work is rebid, the Bidder will be disqualified from further bidding on the Work.

ARTICLE 16—OPENING OF BIDS

- 16.01 Bids will be opened at the time and place indicated in the advertisement or invitation to bid and, unless obviously non-responsive, read aloud publicly. An abstract of the amounts of the base Bids and major alternates, if any, will be made available to Bidders after the opening of Bids.
- 16.02 All Bids will remain subject to acceptance for forty-five (45) days after the day of the Bid opening, but Owner may, in its sole discretion, release any Bid and return the Bid security prior to the end of this period.

ARTICLE 17—EVALUATION OF BIDS AND AWARD OF CONTRACT

- 17.01 Owner reserves the right to reject any or all Bids pursuant to Nevada state law, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. Owner also reserves the right to waive all minor Bid informalities not involving price, time, or changes in the Work.
- 17.02 Owner will reject the Bid of any Bidder that Owner finds, after reasonable inquiry and evaluation, to not be responsible.
- 17.03 If Bidder purports to add terms or conditions to its Bid, takes exception to any provision of the Bidding Documents, or attempts to alter the contents of the Contract Documents for purposes of the Bid, whether in the Bid itself or in a separate communication to Owner or Engineer, then Owner will reject the Bid as nonresponsive.
- 17.04 If Owner awards the contract for the Work, such award will be to the responsible Bidder submitting the lowest responsive Bid.
- 17.05 *Evaluation of Bids*
 - A. In evaluating Bids, Owner will consider whether the Bids comply with the prescribed requirements, and such alternates, unit prices, and other data, as may be requested in the Bid Form or prior to the Notice of Award.
 - B. If the Unit Bid Item prices and/or schedule of values of a prospective Bidder's Bid are obviously unbalanced, either in excess or below the reasonable cost analysis values, the Bid may be rejected. All bids with separately-priced line items shall be analyzed to determine if the prices are unbalanced. A Bid may be rejected if Owner determines that the lack of balance poses an unacceptable risk to Owner. A Bid with unbalanced pricing may increase performance risk and could result in payment of unreasonably high prices. Unbalanced pricing

exists when, despite an acceptable total evaluated price, the price of one or more bid items is significantly over- or understated, as indicated by the application of cost or price analysis techniques. The greatest risks associated with unbalanced pricing occur when:

1. Overpricing of startup work, mobilization, or early items of work (“front-end loading”) would cause a Bidder to receive substantial up-front payment;
 2. Base quantities and option quantities are separate line items;
 3. The quantities as bid are incorrect and the contract cost will be increased when quantities are corrected; and/or
 4. On items when the quantities may vary, if the anticipated variation in quantity would result in the lower Bidder not remaining as the low bidder.
- C. More than one Bid for the same Work from an individual or entity under the same or different names will not be considered. Reasonable grounds for believing that any Bidder has an interest in more than one Bid for the Work may be cause for disqualification of that Bidder and the rejection of all Bids in which that Bidder has an interest.
- D. In evaluating bids, Owner will consider whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices and other data as may be requested in the Bid Form or prior to the Notice of Award.
- E. In evaluating whether a Bidder is responsible, Owner will consider the qualifications of the Bidder and may consider the qualifications and experience of Subcontractors and Suppliers proposed for those portions of the Work for which the identity of Subcontractors and Suppliers must be submitted as provided in the Bidding Documents.
- F. Owner may conduct such investigations as Owner deems necessary to establish the responsibility, qualifications, and financial ability of Bidders and any proposed Subcontractors or Suppliers.
- G. If the Contract is to be awarded, Owner will award the Contract to the Bidder whose Bid is in the best interest of the Project.
- H. Owner reserves the right to reduce the Scope of Work up to twenty-five percent (25%) of the total Bid price by deleting items and/or reducing the Scope of Work without invalidating the Bid, if necessary, to reduce the cost of the project to within the Engineer’s Estimate and/or Owner’s budget.
- I. Any Bidder which submitted a Bid to Owner may protest the recommendation of award in accordance with procedures as set forth in NRS 338.

ARTICLE 18—BONDS AND INSURANCE

18.01 Article 6 of the General Conditions, as may be modified by the Supplementary Conditions, sets forth Owner’s requirements as to performance and payment bonds and insurance. When the

Successful Bidder delivers the executed Agreement to Owner, it must be accompanied by one (1) copy of each of the required bonds and insurance documentation.

- 18.02 Article 8, Bid Security, of these Instructions, addresses any requirements for providing bid bonds as part of the bidding process.

ARTICLE 19—SIGNING OF AGREEMENT

- 19.01 When Owner issues a Notice of Award to the Successful Bidder, it will be accompanied by the required number of unexecuted counterparts of the Agreement along with the other Contract Documents as identified in the Agreement. Within 15 days thereafter, Successful Bidder must execute and deliver the required number of counterparts of the Agreement and any bonds and insurance documentation required to be delivered by the Contract Documents to Owner. Within 20 days thereafter, Owner will deliver one fully executed counterpart of the Agreement to Successful Bidder, together with printed and electronic copies of the Contract Documents as stated in Paragraph 2.02 of the General Conditions.

ARTICLE 20—SALES AND USE TAXES

- 20.01 Owner is exempt from Nevada state sales and use taxes on materials and equipment to be incorporated in the Work (Exemption No. 88-760004K). Per Section 15, Chapter 338 of the NRS, each contractor, subcontractor and other person who provides labor, equipment, materials, supplies or services for the Work will comply with the requirements of all applicable state and local laws, including, without limitation, any applicable licensing requirements and requirements for the payment of sales and use taxes on equipment, materials and supplies provided for the Work. Said taxes must not be included in the Bid. Refer to Paragraph SC-7.10 of the Supplementary Conditions for additional information.

ARTICLE 21—NEVADA REVISED STATUTES

- 21.01 Each and every provision of Chapters 332, 338 and 339 of the Nevada Revised Statutes (NRS) and other laws required to be inserted in these Contract Documents shall be deemed to be inserted herein, and the Contract Documents shall be read and enforced as though they are included herein.
- 21.02 In accordance with NRS 338, the Successful Contractor shall report the name and address of each subcontractor to the Owner and Washoe County Labor Commissioner if the estimated total price of the Contract exceeds \$100,000.
- 21.03 Bidder's attention is directed to Chapter 527, Statutes of Nevada 2019, enacted by the Nevada Legislature by passage of Senate Bill 207, an act relating to apprentices, requiring contractor and subcontractors to comply with certain requirements relating to the use of apprentices on public works projects. *The two lowest responsive bidders will be required to fill out and submit a copy of the project Workforce Checklist, a sample copy of which follows this Section.*

ARTICLE 22—HISTORICAL AND ARCHAEOLOGICAL

- 22.01 If, during the course of construction, evidence of deposits of historical or archaeological interest is found, the Contractor shall cease operation(s) affecting the find and shall notify the Owner. No

further disturbance of the deposits shall ensue until the Owner has notified the Contractor that he may proceed.

ARTICLE 23—SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION

- 23.01 These construction documents are to be governed at all times by applicable provisions of the Federal Law, including but not limited to the latest amendment of the following:
- A. Williams-Steiger Occupational Safety and Health Act of 1970, Public Law 94-596
 - B. Part 1910 -- Occupational Safety and Health Standards, Chapter XVII of Title 29, Code of Federal Regulations
 - C. Part 1926 -- Safety and Health Regulations for Construction, Chapter XVII of Title 29, Code of Federal Regulations.

END OF INSTRUCTIONS

SECTION 3 - BID FORM

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

1.01 This Bid is submitted to:

Incline Village General Improvement District
Public Works Department
1220 Sweetwater Road
Incline Village NV 89451
775-832-1267

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

2.01 The following documents are submitted with and made a condition of this Bid:

- A. Required Bid security;
- B. List of Proposed Subcontractors;
- C. List of Proposed Suppliers;
- D. Evidence of authority to do business in the state of Nevada, or a written covenant to obtain such authority within the time for acceptance of Bids;
- E. Contractor's license number as evidence of Bidder's State Contractor's License, or a covenant by Bidder to obtain said license within the time for acceptance of Bids;
- F. Required Bidder Qualification Statement with supporting data; and
- G. Completed Bid Form



ARTICLE 3—BASIS OF BID – UNIT PRICES BID

3.01 Bidder will complete the Work in accordance with the Contract Documents for the following Unit Price(s):

Phase II - UNIT PRICE SCHEDULE

| Item No. | Description | Unit | Qty | Unit Price | Total Price |
|-----------------------------------|---|---|--------|-------------|---------------|
| 1 | Mobilization/Demobilization | LS | 1 | \$ 5,000.00 | \$ 5,000.00 |
| 2 | Temporary Erosion Control | LS | 1 | \$ 2,741.75 | \$ 2,741.75 |
| 3 | Full Depth AC Pavement & Base Removal | SF | 4,705 | \$ 5.00 | 23,525.00 |
| 4 | Full Depth AC Pavement & Base Replacement | SF | 4,705 | \$ 13.00 | \$ 61,165.00 |
| 5 | AC Curb | LF | 143 | \$ 55.00 | \$ 7,865.00 |
| 6 | Crack Sealing | LF | 30,870 | \$ 0.45 | \$ 13,891.50 |
| 7 | Slurry Sealing | SF | 86,125 | \$ 0.75 | \$ 64,593.75 |
| 8 | Rock Slope Protection | SF | 235 | \$ 35.00 | \$ 8,225.00 |
| TOTAL BASE BID IN NUMBERS: | | | | | \$ 187,007.00 |
| TOTAL BASE BID IN WORDS: | | One hundred eighty seven thousand seven dollars | | | |
| | | NO CENTS | | | |

Quantities are not guaranteed. Final Payment will be based upon actual quantity of work performed.

A. Bidder acknowledges that:

1. Each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. Estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents

ARTICLE 4—TIME OF COMPLETION

4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER’S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

5.01 *Bid Acceptance Period*

A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.02 *Instructions to Bidders*

A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 *Receipt of Addenda*

A. Bidder hereby acknowledges receipt of the following Addenda:

| Addendum Number | Addendum Date |
|-----------------|---------------|
| #1 | 3/15/23 |
| | |
| | |

ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder’s Representations*

A. In submitting this Bid, Bidder represents the following:

1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder’s (Contractor’s) safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are

necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.

8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 *Bidder's Certifications*


A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
 - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
 - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

Sierra Nevada Construction, Inc.
(typed or printed name of organization)


By: 
(individual's signature)

Name: Kevin L. Robertson
(typed or printed)

Title: President
(typed or printed)

Date: 4/6/2023
(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest: 
(individual's signature)

Name: Marc T. Markwell
(typed or printed)

Title: Secretary/Treasurer
(typed or printed)

Date: 4/6/2023
(typed or printed)

Address for giving notices:
P.O. Box 50760
Sparks, NV 89435

Bidder's Contact:

Name: Kevin L. Robertson
(typed or printed)

Title: President
(typed or printed)

Phone: (775) 355-0420

Email: bids@snc.biz

Address:
Sierra Nevada Construction, Inc.
P.O. Box 50760
Sparks, NV 89435

Bidder's Contractor License No.: (if applicable) 25565

ADDITIONAL INFORMATION REQUIRED AT BID
Refer to Section 2, Instructions to Bidders

List three (3) similar projects completed by Contractor within the last 5 years:

| Contact Name & Phone No. | Description of Work | Date Complete | Cost |
|--------------------------|---------------------|---------------|------|
| See attached | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Work Experience: List years of experience with similar projects, project descriptions, locations and costs, for proposed Job Foreman/ Superintendent:

| Forman/Super's Name | Title | Years' Experience | |
|----------------------------|------------------------|-------------------|----------------|
| Dave Duggins | General Superintendent | 23 | |
| Name & Location of Project | Description | Project Cost | Date Completed |
| See attached | | | |
| Name & Location of Project | Description | Project Cost | Date Completed |
| | | | |
| Name & Location of Project | Description | Project Cost | Date Completed |
| | | | |
| Name & Location of Project | Description | Project Cost | Date Completed |
| | | | |

NRS 338.141: List of Subcontractors and Contractor Self Performance Exceeding Five Percent (5%) of Bid Amount

List below the name, address and contractor's or business license number of each first tier subcontractor, equipment or materials supplier who will provide labor, equipment or supplies on the project for which the subcontractor or supplier will be paid an amount exceeding five percent (5%) of the contractor's base bid. For each subcontractor/ supplier listed, also describe the kind of work, equipment or materials the subcontractor/ supplier will provide. (Use an additional sheet, if necessary.)

| Prime Contractor's Name, Address & Phone No. | Nevada Contractor License No./License Limit |
|---|---|
| Sierra Nevada Construction, Inc. P.O. Box 50760 Sparks, Nevada 89435 (775) 355-0420 | #25565, Unlimited |
| Kind of Work/Supplies | % of Work/Supplies |
| Description of work being self-performed by Contractor: All remaining work except those not required to be listed per NRS 338.141. | 94.65% |

| Subcontractor or Supplier Name, Address & Phone No. | Nevada Contractor License No./License Limit |
|---|---|
| All American Asphalt Sealing Inc. 1565 Trainer Way, Reno, Nevada 89512 775-329-3003 | 0058135A 950,000 |
| Kind of Work/Supplies | % of Work/Supplies |
| crack seal | 5.35% |

| Subcontractor or Supplier Name, Address & Phone No. | Nevada Contractor License No./License Limit |
|---|---|
| | |
| Kind of Work/Supplies | % of Work/Supplies |
| | |

| Subcontractor or Supplier Name, Address & Phone No. | Nevada Contractor License No./License Limit |
|---|---|
| | |
| Kind of Work/Supplies | % of Work/Supplies |
| | |

| Subcontractor or Supplier Name, Address & Phone No. | Nevada Contractor License No./License Limit |
|---|---|
| | |
| Kind of Work/Supplies | % of Work/Supplies |
| | |

NRS 338.141: List of Subcontractors and Contractor Self Performance Exceeding One Percent (1%) of Bid Amount or \$50,000, whichever is greater (Two Hour List)

List below the name, address and contractor's or business license number of each first tier subcontractor, equipment or materials supplier who will provide labor, equipment or supplies on the project for which the subcontractor or supplier will be paid an amount exceeding one percent (1%) of the contractor's base bid. For each subcontractor/ supplier listed, also describe the kind of work, equipment or materials the subcontractor/ supplier will provide. (Use an additional sheet, if necessary.)

| | |
|---|--|
| Prime Contractor's Name, Address & Phone No. | Nevada Contractor License No./License Limit |
| Sierra Nevada Construction, Inc. P.O. Box 50760 Sparks, Nevada 89435 (775) 355-0420 | #25565, Unlimited |
| Kind of Work/Supplies | % of Work/Supplies |
| Description of work being self-performed by Contractor: All remaining work except those not required to be listed per NRS 338.141. | 94.65% |

| | |
|---|--|
| Subcontractor or Supplier Name, Address & Phone No. | Nevada Contractor License No./License Limit |
| All American Asphalt Sealing Inc. 1565 Trainer Way, Reno, Nevada 89512 775-329-3003 | 0058135A 950,000 |
| Kind of Work/Supplies | % of Work/Supplies |
| crack seal | 5.35% |

| | |
|--|--|
| Subcontractor or Supplier Name, Address & Phone No. | Nevada Contractor License No./License Limit |
| | |
| Kind of Work/Supplies | % of Work/Supplies |
| | |

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|--|--|
| Subcontractor or Supplier Name, Address & Phone No. | Nevada Contractor License No./License Limit |
| | |
| Kind of Work/Supplies | % of Work/Supplies |
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| Subcontractor or Supplier Name, Address & Phone No. | Nevada Contractor License No./License Limit |
| | |
| Kind of Work/Supplies | % of Work/Supplies |
| | |

PUBLIC WORKS BIDDERS PREFERENCE AFFIDAVIT

I, Kevin L. Robertson, on behalf of Sierra Nevada Construction, Inc. ("Contractor"), hereby certify and affirm under penalty of perjury, for purposes of qualifying for a preference in bidding under Nevada Revised Statutes Chapter 338 on Project No. 3241LI1903, Project Name: Mountain Golf Course Cart Path Reconstruction, Phase II ("Project"), that the following requirements will be adhered to, documented and attained for the duration of the Project:

1. At least fifty percent (50%) of workers employed on the Project (including Subcontractors) hold a valid driver's license or identification card issued by the Nevada Department of Motor Vehicles;
2. All vehicles used primarily for the Project will be (a) registered and (where applicable) partially apportioned to Nevada; or (b) registered in Nevada;
3. At least fifty percent (50%) of the design professionals who work on the Project (including subcontractors) hold a valid driver's license or identification card issued by the Nevada Department of Motor Vehicles;
4. The Contractor shall maintain and make available for inspection within Nevada all payroll records related to this Project.

Contractor recognizes and accepts that failure to comply with the requirements herein shall be a material breach of the contract and entitle the Incline Village General Improvement District ("Authority") to liquidated damages in the amount set by statute. In addition, the Contractor recognizes and accepts that failure to comply with any requirements herein may lose its certification for preference in bidding for five (5) years and/or the ability to bid on any contracts for public works for one (1) year pursuant to NRS Chapter 338.

Signature: 

Print Name: Kevin L. Robertson

Title: President Date: 4/6/2023

State of Nevada)
)ss.
County of Washoe)

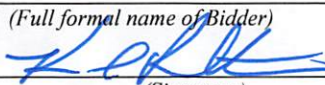

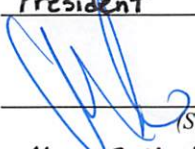
This instrument was acknowledged before me on 6th day of April, 2023, by Kevin L. Robertson (name of person making statement).




Notary Signature

NOTARY STAMP

SECTION 4 - BID BOND

| | |
|---|---|
| <p>Bidder Name: Sierra Nevada Construction, Inc. Address (<i>principal place of business</i>): 2055 East Greg Street Sparks, NV 89431</p> | <p>Surety Name: Liberty Mutual Insurance Company Address (<i>principal place of business</i>): 175 Berkeley Street Boston, MA 02116</p> |
| <p>Owner Name: Incline Village GID Address (<i>principal place of business</i>): Public Works Department 1220 Sweetwater Road Incline Village, NV 89451 775-832-1267</p> | <p>Bid Project (<i>name and location</i>): IVGID Mt. Golf Course Cart Path Restoration Phase II 687 Wilson Way Incline Village, NV 89451 Bid Due Date: April, 2023</p> |
| <p>Bond Bond Five Percent of Total Amount Bid (5% of Total Amount Bid) Date of Bond: March 24, 2023</p> | |
| <p>Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth in this Bid Bond, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.</p> | |
| <p>Bidder Sierra Nevada Construction, Inc. (<i>Full formal name of Bidder</i>)</p> | <p>Surety Liberty Mutual Insurance Company (<i>Full formal name of Surety</i>) (<i>corporate seal</i>)</p> |
| <p>By:  (<i>Signature</i>)</p> | <p>By:  (<i>Signature</i>) (<i>Attach Power of Attorney</i>)</p> |
| <p>Name: <u>Kevin L. Robertson</u> (<i>Printed or typed</i>)</p> | <p>Name: <u>Andrea Cantlon</u> (<i>Printed or typed</i>)</p> |
| <p>Title: <u>President</u></p> | <p>Title: <u>Attorney-In-Fact</u></p> |
| <p>Attest:  (<i>Signature</i>)</p> | <p>Attest: <u>Carey Morgan</u> (<i>Signature</i>)</p> |
| <p>Name: <u>Marc T. Markwell</u> (<i>Printed or typed</i>)</p> | <p>Name: <u>Carey Morgan</u> (<i>Printed or typed</i>)</p> |
| <p>Title: <u>Secretary/Treasurer</u></p> | <p>Title: <u>Witness</u></p> |
| <p><i>Notes: (1) Note: Addresses are to be used for giving any required notice. (2) Provide execution by any additional parties, such as joint venturers, if necessary.</i></p> | |

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder any difference between the total amount of Bidder's Bid and the total amount of the Bid of the next lowest, responsible Bidder that submitted a responsive Bid, as determined by Owner, for the work required by the Contract Documents, provided that:
 - 1.1. If there is no such next Bidder, and Owner does not abandon the Project, then Bidder and Surety shall pay to Owner the bond amount set forth on the face of this Bond, and
 - 1.2. In no event will Bidder's and Surety's obligation hereunder exceed the bond amount set forth on the face of this Bond.
 - 1.3. Recovery under the terms of this Bond will be Owner's sole and exclusive remedy upon default of Bidder.
2. Default of Bidder occurs upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
3. This obligation will be null and void if:
 - 3.1. Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
 - 3.2. All Bids are rejected by Owner, or
 - 3.3. Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions will not in the aggregate exceed 120 days from Bid due date without Surety's written consent.
6. No suit or action will be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety, and in no case later than one year after the Bid due date.
7. Any suit or action under this Bond must be commenced only in a court of competent jurisdiction located in the state in which the Project is located.
8. Notices required hereunder must be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Postal Service registered or certified mail, return receipt requested, postage pre-paid, and will be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond will be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute governs and the remainder of this Bond that is not in conflict therewith continues in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8207614-976312

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Andrea Cantlon, Carey Morgan, Dena VanDeVanter, Nicholas D. Rossi, Patricia Owen, Shelly Demaray, Teri L. Nowak, Teri L. Wood

all of the city of Reno state of NV each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 8th day of April, 2022.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 8th day of April, 2022 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2025
Commission number 1126044
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 24th day of March, 2023.



By: Renee C. Llewellyn
Renee C. Llewellyn, Assistant Secretary

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.

**ACTION BY UNANIMOUS WRITTEN CONSENT OF THE BOARD
OF DIRECTORS AND SHAREHOLDERS
OF
SIERRA NEVADA CONSTRUCTION, INC.
MARCH 2, 2020**

The undersigned, being all the directors and shareholders of Sierra Nevada Construction, Inc., a Nevada corporation (the "Corporation"), do hereby unanimously approve, adopt, make, ratify and confirm the following:

WHEREAS, Kevin L. Robertson acts in the capacity of President, Craig D. Holt acts in the capacity of Vice President, and Marc T. Markwell acts in the capacity of Treasurer, Chief Financial Officer, and Secretary of Sierra Nevada Construction, Inc.

WHEREAS, Kevin L. Robertson, Craig D. Holt, and Marc Markwell as officers of this Corporation may be required from time to time to execute agreements on behalf of Sierra Nevada Construction, Inc.

NOW THEREFORE, the undersigned directors and shareholders of Sierra Nevada Construction, Inc., resolve as follows:

RESOLVED, that the following individuals are appointed to service as officers of the Corporation in the specified capacities:

| | |
|--------------------|---|
| Kevin L. Robertson | President |
| Craig D. Holt | Vice President |
| Marc T. Markwell | Chief Financial Officer/Secretary/Treasurer |

RESOLVED, that Kevin L. Robertson, Craig D. Holt and Marc T. Markwell as officers of this Corporation are authorized to execute agreements into, between or among Sierra Nevada Construction, Inc., and third parties without further authorization from the directors and/or shareholders.

and, further

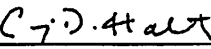
RESOLVED, that Kevin L. Robertson, Craig D. Holt and Marc T. Markwell in their capacities as officers of this Corporation are authorized to take all necessary and appropriate steps on behalf of the Corporation to effectuate the proposed amendments to the Articles of Incorporation and the Bylaws of the Corporation.

IN WITNESS WHEREOF, the directors and shareholders have executed this instrument effective March 2, 2020.

Directors:

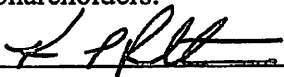


Kevin L. Robertson

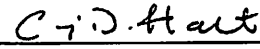


Craig D. Holt

Shareholders:



Kevin L. Robertson



Craig D. Holt

STATEMENT OF EXPERIENCE

| Agency | Job Name | Contract Amount | Type of Contract | Completion Date | Contact Person | Phone # | Address |
|--|---|-----------------|---|-----------------|--------------------|--------------|---|
| Incline Village General Improvement District | Diamond Peak & Ski Way | \$ 67,206.00 | Slurry Seal Crack Seal | 09/30/22 | Randolph McLean | 775-833-8323 | 893 Southwood Boulevard, Incline Village, NV 89451 |
| Incline Village General Improvement District | Mountain & Championship Golf Courses | \$ 28,355.00 | Slurry Seal Crack Seal | 09/30/22 | Randolph McLean | 775-833-8324 | 894 Southwood Boulevard, Incline Village, NV 89451 |
| Incline Village General Improvement District | Parks & Rec Facilities | \$ 48,380.00 | Slurry Seal Crack Seal | 09/30/22 | Randolph McLean | 775-833-8325 | 895 Southwood Boulevard, Incline Village, NV 89451 |
| Town of San Anselmo | 2022 Slurry Seal | \$ 402,007.00 | Slurry Seal, Micro-Surfacing, Striping | 07/13/22 | Scott Schneider | 415-258-4653 | 525 San Anselmo Avenue, San Anselmo, CA 94960 |
| City of Rancho Cordova | Rancho Cordova - International Dr Surface Project | \$ 609,006.95 | AC Patch, Slurry Seal, Crack Seal, Striping | 06/10/22 | Victor Ramos | 916-851-8948 | 3303 Luyung Drive, Rancho Cordova, CA 95742 |
| City of Reno | City of Reno - 2021 Reno Preventative Maintenance | \$ 3,074,007.00 | Slurry Seal, Chip Seal, AC Patch, Striping | 05/27/22 | Kaitlin Redmon | 775-334-3307 | PO Box 1900, Reno, NV 89505 |
| Regional Transportation Commission | RTC - 2021 Preventive Maintenance | \$ 5,761,007.00 | Slurry Seal, Chip Seal, AC Patch, Striping | 03/10/22 | Scott Gibson | 775-335-1874 | 1105 Terminal Way, Reno, Nevada 89502 |
| Washoe County | 2021/2022 Slurry Seal | \$ 2,382,518.50 | Chip Seal/Slurry Seal | 11/02/21 | Stephen Hein | 775-328-2319 | 1001 East Ninth Street, Reno, Nevada 89512 |
| Nevada Department of Transportation | NDOT #3879 - Wells CIR/Double Chip | \$ 1,714,007.00 | Cold-in-Place, Chip Seal, Striping | 10/08/21 | John England | 775-777-2703 | 1951 Idaho Street, Elko, NV 89801 |
| Nevada Department of Transportation | NDOT 3853 SR 208/338 Slurry | \$ 1,044,007.00 | Micro-surfacing, Striping | 09/24/21 | Reid Kaiser | 775-337-4700 | 310 Galletti Way, Sparks, NV 89431 |
| City Of Elko | 2021 Micro Slurry Project | \$ 560,782.00 | Slurry/Micro | 08/13/21 | Dennis Strickland | 775-777-7100 | 1751 College Avenue, Elko, Nevada 89801 |
| O'Grady Paving - Santa Clara 2021 Rehab | Santa Clara 2021 Rehab | \$ 377,007.00 | Slurry Seal | 08/11/21 | Kyle Kincaid | 650-966-1926 | 2513 Wyandotte Street, Mountain View, CA 94043 |
| City of Fernley | FY 19/20 PMP Maintenance | \$ 594,007.00 | Slurry, Striping | 06/25/21 | Jessica Dover | 775-784-9866 | 595 Silver Lace Boulevard, Fernley, NV 89408 |
| Mono County | Twin Lakes Road Maintenance | \$ 469,007.00 | Slurry Seal, Striping | 6/23/2021 | Kalen Dodd | 760-932-5452 | P.O. Box 457, Bridgeport, California 93517 |
| Fresno County | 2021 Bituminous Seal Coats | \$ 1,264,007.00 | Chip Seal | 06/16/21 | Robert Hendrickson | 559-289-8855 | 2220 Tulare Street, 6th Floor, Fresno, CA 93721 |
| City of Reno | 2020 Reno Preventative Maintenance | \$ 3,344,007.00 | Slurry Seal, Chip Seal, AC Patch, Striping | 05/19/21 | Kaitlin Redmon | 775-334-3307 | PO Box 1900, Reno, NV 89505 |
| Eureka County | 2020 Road and Airport Maintenance | \$ 3,414,007.00 | Paving/Patching/Slurry Seal | 10/05/20 | Jeb Rowley | 775-237-5372 | 701 S. Main Street, Eureka, Nevada 89316 |
| Graniterock - Santa Cruz Rail Trail | Santa Cruz Rail Trail | \$ 154,007.00 | Slurry Seal | 10/01/20 | Brian Ashford | 831-768-2734 | 350 Technology Drive, Watsonville, CA 95076 |
| City of Sparks | 2020 Street Preventative Maintenance | \$ 304,031.00 | Slurry, Striping | 07/18/20 | Bob Schricker | 775-353-2273 | 431 Prater Way, Sparks, NV 89431 |
| City of Fernley | FY 19/20 PMP Maintenance | \$ 684,007.00 | Slurry, Striping | 07/02/20 | Jessica Dover | 775-784-9919 | 595 Silver Lace Boulevard, Fernley, NV 89408 |
| Carson City | Roop Street Pavement Micro-Surfacing | \$ 234,007.00 | Slurry, Patch, Striping | 06/26/20 | Jeff Freeman | 775-636-0802 | 201 N. Carson Street #2, Carson City, NV 89701 |
| Lyon County | 2019 County Roadway Resurfacing | \$ 1,634,007.00 | Chip Seal/Slurry Seal | 11/08/19 | Dustin Homan | 775-302-7179 | 34 Lakes Blvd., Dayton, NV 89403 |
| Washoe County | 2019-2020 Washoe County Slurry Seal | \$ 2,774,007.00 | Chip Seal/Slurry Seal | 10/31/19 | Megan Sizelove | 775-328-2316 | 1001 E. 9th Street, Reno, Nevada 89512 |
| Nevada Department of Transportation | NDOT #3782 - Humboldt Chip | \$ 4,091,007.00 | Chip Seal | 10/23/19 | Trent Averett | 775-653-8070 | 705 E. 4th Street, Winnemucca, NV 89445 |
| Q&D - Watsonville Airport Crack and Slurry | Runway 9-27 & Taxiways B and C | \$ 138,007.00 | Crack, Slurry Seal | 10/13/19 | Marc Leone | 775-786-2677 | 1050 S. 21st Street, Sparks, NV 89431 |
| City of Reno | 2019 Pavement Maintenance | \$ 3,321,007.00 | Slurry Seal | 09/30/19 | Teri Martinetti | 775-225-7287 | PO Box 1900, Reno, NV 89505 |
| City of Davis | Slurry Seal | \$ 1,296,007.00 | Slurry Seal | 07/31/19 | Michael Mitchell | 530-628-0086 | 23 Russell Blvd., Davis, CA 95616 |
| City of Hayward | FY19 Pavement Rehab | \$ 191,007.00 | Slurry Seal | 07/13/19 | Brett Kincaid | 650-966-1926 | O'Grady Paving, 2513 Wyandotte Street, Mountainview |
| Q&D - Watsonville Airport Crack and Slurry | Runway 2-20 & Taxiways A, C, D and E | \$ 280,825.00 | Crack, Slurry Seal | 05/20/19 | Marc Leone | 775-786-2677 | 1050 S. 21st Street, Sparks, NV 89431 |
| City of Santa Clarita | 2017-18 Slurry Seal | \$ 1,888,950.82 | Slurry/Micro-Surfacing | 01/03/19 | Nelson Vasquez | 661-670-9823 | 23920 Valencia Blvd., Santa Clarita, CA 91355 |
| City of Clayton | 2018 Neighborhood Streets | \$ 784,007.00 | Slurry Seal | 11/19/18 | Scott Alman | 925-683-5025 | 6000 Heritage Trail, Clayton, CA 94517 |
| San Joaquin County | Chip Seal 2017-2018 | \$ 2,267,007.00 | Chip Seal | 10/29/18 | Awni Taha | 209-953-7619 | 1810 E. Hazelton Avenue, Stockton, CA 95205 |
| City of Reno | 2018 Preventative Maintenance | \$ 2,894,192.75 | Slurry/Micro-Surfacing/Asphalt Patching | 10/01/18 | Teri Martinetti | 775-334-2148 | P.O. Box 1900, Reno NV 89505 |
| San Luis Obispo County | 2017-18 Surface Treatment Various County Roads | \$ 2,177,807.00 | Slurry Seal/Fog Seal | 09/14/18 | Pete Newell | 805-440-6791 | County Govt Center, Room 206, SLO, CA 93408 |
| City of Clovis | Rubberized Cape Seal 2018 | \$ 824,007.00 | Cape Seal | 06/25/18 | Thomas Cheng | 559-324-2374 | 1033 Fifth Street, Clovis, CA 93612 |
| City of Reno | 2017 Reno Surface Treatment Project | \$ 782,007.00 | Microsurfacing/AsphaltPatching/Cape Seal | 12/01/17 | Kerrie Koski | 775-830-3976 | P.O. Box 1900, Reno NV 89505 |

| | | | | | | | |
|-------------------------------------|--|-----------------|--|----------|-----------------------------------|--------------|---|
| Nevada Department of Transportation | NDOT #3685 SR 225 Elko | \$ 856,007.00 | Chip Seal/Fog Seal | 12/01/17 | Regina Pierce | 775-777-7768 | 1951 Idaho Street, Elko, NV 89801 |
| City of Sparks | 2018 Street Preventive Maintenance | \$ 439,105.00 | Microsurfacing | 11/30/17 | Bob Schrickler | 775-353-2273 | P.O. Box 857, Sparks, NV 89432-0857 |
| County of San Luis Obispo | 2016-17 Surface Treatment Various County Roads | \$ 526,007.00 | Slurry/Micro/Fog Seal | 11/30/17 | Simon Hernandez | 805-509-5705 | County Govt Center, Room 206, S.I.O, CA 93408 |
| Lyon County | 2017 Pavement Maintenance Project | \$ 857,007.00 | Slurry Seal | 11/30/17 | Brian Harer | 775-827-6111 | 18 Hwy 95A North, Yerington, NV 89447 |
| Washoe County | 2017/2018 Roadway & Parking Lot Repairs | \$ 3,165,007.00 | Chip Seal/Microsurfacing/Cape Seal/Asphalt Paving | 11/30/17 | Greg Belancio | 775-328-2041 | 1001 E. 9th Street, Reno, Nevada 89520 |
| City of Carson City | Carson City Pavement Preservation-Micro-Surfacing | \$ 664,007.00 | Slurry/Micro | 11/30/17 | Rick Cooley | 775-887-2133 | 201 North Carson Street, Carson City, NV 89701 |
| City of Santa Clarita | 2016-17 Slurry Seal | \$ 1,496,000.00 | Slurry Seal/Microsurfacing | 11/07/17 | Nelson Vasquez | 661-294-2538 | 23920 Valencia Blvd., Santa Clarita, CA 91355 |
| Nevada Department of Transportation | NDOT #3689 McCarran Slurry | \$ 459,007.00 | Slurry/Micro | 11/03/17 | Brad Durski | 775-888-3024 | 1263 S. Stewart Street, Carson City, NV 89712 |
| City of Elko | Micro Slurry Project - 2017 | \$ 492,007.00 | Slurry/Micro | 11/01/17 | Dennis Strickland | 775-777-7100 | 1751 College Avenue, Elko, NV 89801 |
| County of Sierra | Sierraville Dearwater Airport Slurry Seal and Re-Stripe Runway Project | \$ 86,007.00 | Slurry Seal | 10/31/17 | Bryan Davey | 530-289-3201 | P.O. Box 98, Downieville, CA 95936 |
| Douglas County | 2017 Road Seal | \$ 419,007.00 | Chip Seal/Slurry Seal | 10/31/17 | Jon Erb | 775-782-6233 | P.O. Box 218, Minden, NV 89423 |
| Topaz Ranch Estates GID | Topaz Ranch Estates GID Phase 1B - Waterline Improvements | \$ 228,486.00 | Slurry Seal | 10/21/17 | Aspen Developers: Jon Winfield | 775-788-3310 | 2340 East 5th Street, Reno, NV 89512 |
| County of San Joaquin | Chip Seal 2016-2017 | \$ 1,721,007.00 | Chip Seal | 10/01/17 | Awni Taha | 209-953-7619 | 1810 E. Hazelton Avenue, Stockton, CA 95205 |
| Eureka County | Eureka County 2017 Streets Maintenance Project | \$ 2,338,418.20 | Chip Seal/Slurry Seal | 10/01/17 | Loren Hunewill | 775-623-2888 | P.O. Box 714, Eureka, NV 89316 |
| City of Davis | 2016 Pavement Rehabilitation | \$ 565,000.00 | Slurry Seal | 10/01/17 | Michael Mitchell | 530-757-5686 | 1717 5th Street, Davis, CA 95616 |
| Nevada Department of Transportation | NDOT #3670 SR 341 | \$ 341,007.00 | Scrub Seal | 09/30/17 | John Angel | 775-720-4526 | 123 W. Nye Lane, Carson City, NV 89708 |
| City of Hanford | FY 16/17 Fiberized Micro Surfacing Pavement Treatment Project | \$ 191,007.00 | Fiberized Micro | 09/30/17 | Steve Coodey | 559-489-7715 | 315 N. Douty Street, Hanford, CA 93230 |
| Santa Barbara County | 2016-17 Countywide Preventive Maintenance Project | \$ 865,400.00 | Cape Seal/Microsurfacing | 09/30/17 | Andrew Rose | 805-739-6794 | 620 W. Foster Rd., Santa Maria, CA 93455 |
| Regional Transportation Commission | 2016 Pavement Maintenance Project | \$ 5,137,007.00 | Chip Seal/Microsurfacing/Crack Seal/Asphalt Paving | 07/31/17 | Doug Maloy | 775-335-1865 | 1105 Terminal Way, Ste 108, Reno, NV 89502 |
| County of Fresno | Slurry Seals in Various Locations No. 16-14-C | \$ 464,469.50 | Slurry Seal | 07/31/17 | Keith Eckert | 559-862-5024 | 2220 Tulare Street, 6th Floor, Fresno, CA 93721 |
| Washoe County | 2016/2017 Slurry Seal of Selected Streets | \$ 3,938,404.00 | Chip/Slurry Seal | 10/31/16 | Greg Belancio | 775-328-2041 | 1001 E. 9th Street, Reno, Nevada 89520 |
| City of Visalia | 2016 Reclamite Seal | \$ 976,676.61 | Reclamite Seal | 10/14/16 | Norm Goldstrom | 559-713-4166 | 336 N. Ben Maddox, Visalia, CA 93292 |
| San Joaquin County | Slurry Seal of Local Roads 2015-16 | \$ 637,997.90 | Slurry Seal | 09/23/16 | Awni Taha | 209-953-7619 | 1810 E. Hazelton Avenue, Stockton, CA 95205 |
| Lander County | Battle Mountain 2016 Road Maintenance Project | \$ 3,087,916.00 | Chip/Slurry Seal | 09/15/16 | Burt Ramos | 775-635-2728 | 50 State Route 305, Battle Mountain, NV 89820 |
| City of Rocklin | 2016 High Density Mineral Bond Resurfacing | \$ 695,548.40 | High Density Mineral Bond | 09/02/16 | Zach Bosch | 916-625-5511 | 4081 Alvis Court, Rocklin, CA 95677 |
| Nevada Department of Transportation | NDOT #3603 Denio | \$ 2,527,366.00 | Chip Seal with Flush Coat | 09/01/16 | Dave Schwartz | 775-623-8070 | 795 E. Fourth Street, Winnemucca, NV 89445 |
| City of Santa Clarita | 2015-16 Annual Slurry Seal Project | \$ 832,318.05 | Slurry Seal / Micro-Surfacing | 08/19/16 | Nelson Vasquez | 661-670-8823 | 23920 Valencia Blvd., Santa Clarita, CA 91355 |
| City of Brentwood | 2016 Preventive Maintenance Program and Trail Pavement Management | \$ 1,142,817.00 | Slurry Seal | 08/11/16 | James Campero | 925-516-5158 | 150 City Park Way, Brentwood, CA 94513 |
| City of Clovis | 2016 Rubberized Cape Seal | \$ 844,007.00 | Slurry / Rubberized Chip/Cape Seal | 06/30/16 | Thomas Cheng | 559-324-2374 | 1033 Fifth Street, Clovis, CA 93612 |
| Nevada Department of Transportation | NDOT #3563 Various Counties Chip Seal | \$ 4,958,680.00 | Double Chip Seal | 10/30/15 | Randy Hesterlee | 775-289-1703 | 1263 S. Stewart St, Carson City, NV 89712 |
| City of Manteca | 2015 Pavement Maintenance | \$ 1,833,735.00 | Slurry Seal | 09/30/15 | Matiel Holloway | 209-456-8411 | 1001 W. Center Street, Manteca, CA 95337 |
| Contra Costa County | 2015 Contra Costa Cape Seal | \$ 504,278.00 | Slurry Seal | 09/15/15 | Dante Morabe | 925-313-2008 | 255 Glacier Drive, Martinez, CA 94553 |
| City of Clovis | Clovis Rubberized Cape Seal | \$ 1,392,865.00 | Cape Seal | 08/30/15 | Steve White | 559-324-2060 | 1033 Fifth Street, Clovis, CA 93612 |
| Gardnerville Ranchos GID | 2015-2016 Street Maintenance | \$ 388,367.80 | Slurry Seal | 08/30/15 | Robert Spellberg | 775-285-2048 | 831 Mitch Drive, Gardnerville, NV 89410 |
| County of Fresno | Fresno County Slurry Seal | \$ 477,135.00 | Slurry Seal | 06/30/15 | D'Andra Buchanan | 559-696-9769 | 2220 Tulare Street, 6th Floor, Fresno, CA 93721 |
| Regional Transportation Commission | 2014 Preventive Maintenance | \$ 2,322,007.11 | Slurry/Micro/Chip Seal | 01/01/15 | Scott Gibson | 775-348-0171 | 1105 Terminal Way, Ste 108, Reno, NV 89502 |
| Nevada Department of Transportation | NDOT #3569 Pyramid Hwy Chip | \$ 2,567,569.00 | Double Chip Seal | 12/31/14 | Sam Lompa | 775-888-3040 | 1263 S. Stewart St, Carson City, NV 89712 |

| | | | | | | | |
|---|--|-----------------|---------------------------------------|----------|--------------------|--------------|--|
| City of Rocklin | 2014 Resurfacing Project | \$ 2,208,709.95 | Slurry/Micro/Asphalt Rubber Chip Seal | 12/19/14 | Justin Nartker | 916-625-5500 | 4081 Alvis Court, Rocklin, CA 95877 |
| Contra Costa County | 2014 Slurry Seal (Saranap Area) | \$ 407,000.00 | Slurry Seal | 10/01/14 | Dante Morabe | 925-313-2006 | 255 Glacier Drive, Martinez, CA 94553 |
| Washoe County | 2014/2015 Slurry Seal | \$ 1,528,450.00 | Slurry/Micro/Chip Seal | 10/01/14 | Greg Belanchio | 775-328-2041 | 1001 E. 9th Street, Reno, Nevada 89520 |
| Contra Costa County | 2014 Discovery Bay Asphalt Rubber Cape Seal - Subcontractor to American Pavement Systems | \$ 603,000.00 | Slurry Seal | 08/01/14 | Dante Morabe | 925-313-2006 | 255 Glacier Drive, Martinez, CA 94553 |
| City of Brentwood | 2014 Pavement Management Project | \$ 534,748.82 | Slurry Seal | 07/21/14 | Anthony Salam | 925-516-5168 | 150 City Park Way, Brentwood, CA 94513 |
| City of Carson | 2013 Street Maintenance Program | \$ 686,007.00 | Slurry/Micro | 10/15/13 | John Platt | 775-887-2355 | 201 N. Carson Street #3, Carson City, NV 89701 |
| Town of Mammoth | 2013 Micro Surfacing Project | \$ 233,277.73 | Slurry/Micro | 10/15/13 | Ron Fransler | 760-934-8989 | P.O. Box 1609, Mammoth Lakes, CA 93546 |
| City of Reno | 2013 Surface Treatment | \$ 488,007.00 | Street Maintenance | 10/01/13 | Kerrie Koski | 775-830-3976 | P.O. Box 1900, Reno NV 89505 |
| California Department of Transportation | Caltrans 02-4E9704 Tehama | \$ 1,088,007.00 | Slurry/Rubberized Chip Seal | 09/30/13 | Anthony Granados | 530-949-1611 | 1727 - 30th Street, Sacramento, CA 95816 |
| City of Sparks | 2013 Preventative Maintenance Program | \$ 391,004.10 | Micro Seal | 09/20/13 | Brent Quilici | 775-671-7013 | P.O. Box 857, Sparks, NV 89432-0857 |
| City of Carlin | 2013 City of Carlin Street Maintenance | \$ 301,488.65 | Rubberized Cape Seal | 09/15/13 | Carlos Esparza | 775-397-5720 | 810 Oak Street, Carlin, NV 89822 |
| City of Elko | Microsurface Project 2013 | \$ 182,007.00 | Slurry/Micro | 08/30/13 | Dennis Strickland | 775-777-7241 | 1751 College Avenue, Elko, NV 89801 |
| Regional Transportation Commission | 2013 Preventive Crack & Maint. | \$ 1,073,007.00 | Crack and Patch | 08/30/13 | Scott Gibson | 775-348-0400 | P.O. Box 30002, Reno NV 89520 |
| California Department of Transportation | Caltrans 03-3M8304 I-80 Truckee | \$ 7,159,007.00 | Bonded Wearing Course | 10/19/12 | Jaret Montplaisier | 530-682-5837 | 1727 - 30th Street, Sacramento, CA 95816 |
| California Department of Transportation | Caltrans 02-3E9204 RT 70 & 89 Overlay | \$ 2,696,007.00 | Asphalt Overlay | 08/31/12 | Michael Holtrigel | 530-283-2492 | 1727 - 30th Street, Sacramento, CA 95816 |
| Regional Transportation Commission | RTC Reno Consolidated 11-02 Phase 1 (Brinkby) | \$ 1,737,007.00 | Street Reconstruction | 08/30/12 | Michele Dennis | 775-348-0171 | 1105 Terminal Way, Ste 108, Reno, NV 89502 |
| Nevada Department of Transportation | NDOT D3-041-10 CIR & CHIP | \$ 6,077,007.00 | Double Chip Seal | 07/31/12 | Dave Schwartz | 775-623-8070 | 795 E. Fourth Street, Winnemucca, NV 89445 |
| City of Reno | City of Reno 2012 Street Rehab - Unit G | \$ 2,157,007.00 | Street Reconstruction | 07/30/12 | Bob Schricker | 775-827-6111 | P.O. Box 1900, Reno, NV 89505 |
| Regional Transportation Commission | RTC 2012 Preventive Maintenance, Patching | \$ 733,007.00 | Asphalt Maintenance | 07/15/12 | Scott Gibson | 775-348-0171 | 1105 Terminal Way, Ste 108, Reno, NV 89502 |
| California Department of Transportation | Caltrans 03-4M3204 RT 70 Micro | \$ 619,007.00 | Street Reconstruction | 07/13/12 | Bryan Johnson | 530-895-5245 | 1727 - 30th Street, Sacramento, CA 95816 |
| Reno/Sparks Convention Visitors Auth. | Reno Sparks Livestock Events Center - RV Spaces | \$ 409,007.00 | Asphalt Overlay | 06/30/12 | Laura Tabman | 775-827-7960 | 1283 S. Stewart St, Carson City, NV 89712 |
| Nevada Department of Transportation | NDOT D3-008-11 Chip Seal | \$ 6,087,451.00 | Chip Seal | 06/21/12 | Boyde Ratcliff | 775-777-2701 | 1283 S. Stewart St, Carson City, NV 89712 |
| Nevada Department of Transportation | NDOT D2-047-10 CIR & CHIP | \$ 3,373,007.00 | Double Chip Seal | 12/31/11 | Larry Boge | 775-687-3378 | 310 Gallatti Way, Sparks, NV 89431 |
| Nevada Department of Transportation | NDOT D1-005-11 SR 147 & US 93 CHIP | \$ 1,811,007.00 | Chip Seal | 12/31/11 | Glenn Petrenko | 702-671-8860 | 123 E. Washington Street, Las Vegas, NV 89101 |
| Nevada Department of Transportation | NDOT D3-008-11 Double Chip Seal | \$ 6,685,007.00 | Double Chip Seal | 12/31/11 | Boyd Ratliff | 775-777-2700 | 1951 Idaho Street, Elko, NV 89801 |
| Nevada Department of Transportation | NDOT D2-011-11 Double Micro Surfacing | \$ 958,007.00 | Microsurface | 12/01/11 | Steve Lani | 775-720-4528 | 1283 S. Stewart Street, Carson City, NV 89712 |
| Nevada Department of Transportation | NDOT D2-032-10 CHIP SEALS | \$ 687,007.00 | Chip Seal | 10/31/11 | John Angel | 775-687-3378 | 310 Gallatti Way, Sparks, NV 89431 |
| City of Carson City | 2011 Carson City Street Maintenance | \$ 504,007.00 | Slurry Seal | 10/01/11 | John Platt | 775-887-2355 | 3505 Butti Way, Carson City, NV 89701 |
| Valley Slurry Seal | RTC 2011 Preventative Maintenance | \$ 589,724.00 | Slurry Seal | 10/01/11 | Jon James | 916-416-6061 | P.O. Box 881330, West Sacramento, CA 95788 |
| Nye County | Beatty/Amarosa Slurry Seal | \$ 129,007.00 | Slurry Seal | 11/01/10 | Judy Dodge | 775-482-7256 | P.O. Box 1952, Tonopah, NV 89049 |
| Eureka County | 2010 ARRA Street Maintenance | \$ 398,007.00 | Asphalt Maintenance | 08/20/10 | Ron Damele | 775-237-5265 | 10 S. Main Street, Eureka, NV 89316 |
| White Pine County | Ely-White Pine County Airport | \$ 173,855.72 | Asphalt Maintenance | 11/30/09 | Dana Hertshom | 303-782-0882 | 957 Campton Street, Ely, NV 89301 |
| City of Yerington | FY 09-10 Street Project | \$ 262,007.00 | Chip Seal | 11/30/09 | Roy McDonald | 775-463-3511 | 102 S. Main Street, Yerington, NV 89447 |
| Lander County | Battle Mountain Airport | \$ 228,007.00 | Asphalt Maintenance | 10/15/09 | Greg Riley | 775-835-2885 | 315 S Humboldt Street, Battle Mountain, NV 89820 |
| Douglas County | 2009 Road Seal | \$ 279,007.00 | Chip Seal | 10/15/09 | Ed Mason | 775-782-6201 | P.O. Box 218, Minden, NV 89423 |
| Eureka County | Street Maintenance 2009 | \$ 1,248,007.00 | Paving and Slurry Seal | 10/01/09 | Tom Young | 775-237-5265 | 10 S. Main Street, Eureka, NV 89316 |
| Wilson/Gardnerville Ranchos Improv. Dist. | Gardnerville Ranchos General Improv. 2009 | \$ 128,582.26 | Slurry Seal | 09/01/09 | John Bird | 775-265-2230 | 812 Short Court, Gardnerville, NV 89460 |

Sierra Nevada Construction, Inc.
PO Box 50760
Sparks, NV 89435
775-355-0420

| Name | Position | Date Started with this organization | Date started in construction | Prior positions and experience in construction |
|-----------------------|--|-------------------------------------|------------------------------|--|
| Kevin L. Robertson | President | 2001 | 1993 | Project Engineer, Project Manager, Chief Estimator, Area Manager - 8 years; \$30M to \$50M per year, President - 12 years. |
| Craig D. Holt | Vice President | 2001 | 1994 | Business Manager - 7 years; \$100M in civil construction & materials per year, Vice President - 12 years. |
| Marc Markwell | Secretary/Treasurer | 2012 | 1999 | Project Manager. Business Manager - Up to 100M in civil construction and vertical construction |
| Jeremiah Merritt | Safety & Risk Director | 2014 | 2000 | Safety & Risk Manager - 19 years; Occupational Safety & Health |
| Alex Faust | Vice President AC Maintenance | 2002 | 2000 | Project Engineer, Project Manager, Estimator, Senior Vice-President |
| Justin Tenpenney | Construction Manager of Pavement Maintenance | 2013 | 2000 | Operator, Foreman, Superintendent, Construction Manager |
| Nicholas Bacher | Estimator / Project Manager | 2016 | 2015 | Project Manager, Estimator |
| Osvaldo Arias | Estimator / Project Manager | 2022 | 2016 | Project Engineer, Project Manager, Estimator |
| Dave Duggins | AC Maintenance Superintendent | 2013 | 2000 | General Superintendent |
| Justin McVay | AC Maintenance Superintendent | 2013 | 2008 | Slurry Worker, Operator, Foreman, Superintendent |
| Larry Ryan | AC Maintenance Superintendent | 2013 | 2001 | Slurry Worker, Operator, Foreman, Superintendent |
| Lender Aguirre-Carpio | AC Maintenance Superintendent | 2016 | 2005 | Slurry Worker, Operator, Foreman, Superintendent |

Resume - Dave Duggins General Superintendent

Project Experience

- Sierra Nevada Construction 2013-2017
Superintendent
Oversee daily crew production
Ordering and coordinating material deliveries
Daily Safety and Weekly Safety for the crew
Oversee Equipment Maintenance
Daily costs & Schedules

General Superintendent 2018-Current
Oversee daily crew production
Ordering and coordinating material deliveries
Daily Safety and Weekly Safety for the crew
Oversee Equipment Maintenance
Daily costs & Schedules
Daily crew schedule
Strategic Planning
Management & Estimating
- Western Pavement Solutions 2012-2013
Superintendent
Oversee daily crew production
Ordering and coordinating material deliveries
Daily Safety and Weekly Safety for the crew
Oversee Equipment Maintenance
Daily costs & Schedules
- Intermountain Slurry Seal, Inc. 2001-2012
Foreman
Oversee daily crew production
Ordering and coordinating material deliveries
Daily Safety and Weekly Safety for the crew
Maintenance for Equipment

Superintendent
Oversee daily crew production
Ordering and coordinating material deliveries
Daily Safety and Weekly Safety for the crew
Oversee Equipment Maintenance
Daily costs & Schedules
Day to Day construction activities

Education

Butte College, 1992-1994



NEVADA STATE CONTRACTORS BOARD

5390 KIETZKE LANE, SUITE 102, RENO, NEVADA, 89511 (775) 688-1141 FAX (775) 688-1271, INVESTIGATIONS (775) 688-1150
8400 WEST SUNSET ROAD, SUITE 150, LAS VEGAS, NEVADA, 89113, (702) 486-1100 FAX (702) 486-1190, INVESTIGATIONS (702) 486-1110

CERTIFICATE OF ELIGIBILITY PER NRS 338.147 and NRS 338.1389

CERTIFICATE NUMBER: **BPC-00-01-27-0032**

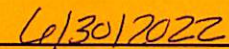
SIERRA NEVADA CONSTRUCTION, INC. (HEREIN THE "GENERAL CONTRACTOR") NEVADA STATE CONTRACTORS' LICENSE NUMBER **0025565** ORIGINAL ISSUE DATE: **07/05/1988** BUSINESS TYPE: **CORPORATION** CLASSIFICATION: **A-GENERAL ENGINEERING** MONETARY LICENSE LIMIT: **UNLIMITED** STATUS: **ACTIVE**, IS HEREBY ISSUED THIS CERTIFICATE BY THE NEVADA STATE CONTRACTORS' BOARD, BASED UPON THE INFORMATION CONTAINED IN THE STATEMENT OF COMPLIANCE WITH NEVADA REVISED STATUTES (NRS) 338.147 AND NRS 338.1389 AND THE AFFIDAVIT OF CERTIFIED PUBLIC ACCOUNTANT SUBMITTED TO THE NEVADA STATE CONTRACTORS BOARD AS PROOF OF CONTRACTOR'S COMPLIANCE WITH THE PROVISIONS OF NRS 338.147 AND NRS 338.1389, ATTACHED HERETO. IN ACCORDANCE WITH THE PROVISIONS OF NRS 338.147(3), THE ABOVE-NAMED GENERAL CONTRACTOR AND A CERTIFIED PUBLIC ACCOUNTANT HAVE SUBMITTED FULLY EXECUTED AND NOTARIZED SWORN AFFIDAVITS AS PROOF OF PREFERENTIAL BIDDER STATUS, UNDER PENALTY OF PERJURY, CERTIFYING THAT THE GENERAL CONTRACTOR IS QUALIFIED TO RECEIVE A PREFERENCE IN BIDDING AS SET FORTH IN NRS 338.147 AND NRS 338.1389 AND OTHER MATTERS RELATING THERETO.

THIS CERTIFICATE OF ELIGIBILITY IS ISSUED ON **AUGUST 1, 2022** AND EXPIRES ON **JULY 31, 2023** UNLESS SOONER REVOKED OR SUSPENDED BY THE NEVADA STATE CONTRACTORS BOARD.





NANCY MATHIAS, LICENSING ADMINISTRATOR
FOR MARGI GREIN, EXECUTIVE OFFICER



DATE

The Nevada State Contractors Board assumes no liability or responsibility for the accuracy or validity of the information contained in the Contractors Statement of Compliance with NRS 338.147 or the Affidavit of Certified Public Accountant as Proof of Contractors Compliance with the Provisions of NRS 338.147. The above-named General Contractor shall bear the responsibility to ascertain the accuracy and validity of the affidavits provided to support the issuance of this certificate.

SECRETARY OF STATE



NEVADA STATE BUSINESS LICENSE SIERRA NEVADA CONSTRUCTION, INC.

Nevada Business Identification # NV19881009372
Expiration Date: 03/31/2024

In accordance with Title 7 of Nevada Revised Statutes, pursuant to proper application duly filed and payment of appropriate prescribed fees, the above named is hereby granted a Nevada State Business License for business activities conducted within the State of Nevada.

Valid until the expiration date listed unless suspended, revoked or cancelled in accordance with the provisions in Nevada Revised Statutes. License is not transferable and is not in lieu of any local business license, permit or registration.

License must be cancelled on or before its expiration date if business activity ceases. Failure to do so will result in late fees or penalties which, by law, cannot be waived.



Certificate Number: B202303063449362
You may verify this certificate
online at <http://www.nvsos.gov>

IN WITNESS WHEREOF, I have hereunto set my
hand and affixed the Great Seal of State, at my
office on 03/06/2023.

FRANCISCO V. AGUILAR
Secretary of State



RECEIVED
APR 22 2022

Sierra Nevada Construction, Inc.

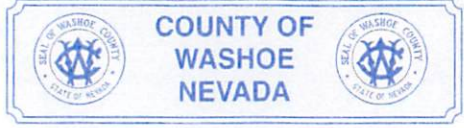
LICENSE NUMBER

W16967A-LIC

LICENSE TYPE

General Business License

LICENSE - NOT TRANSFERRABLE
POST IN A CONSPICUOUS PLACE



This license cannot be transferred or assigned. It is valid only for the licensee and location shown below.

YEAR LICENSE VALID

Expires on 04/30/2023

LICENSE FEE PAID

THIS CERTIFIES THAT
IN THE NAME OF
LOCATED AT

SIERRA NEVADA CONSTRUCTION INC
Kevin Robertson
2055 E GREG ST, SPARKS, NV

SIERRA NEVADA CONSTRUCTION INC
Kevin Robertson
PO BOX 50760

SPARKS, NV 89435

This license certifies that the name above has paid the required fees to the license collector of Washoe County and is hereby authorized to conduct business and is subject to the provisions of law.

Southern Nevada Office
2310 Corporate Circle, Suite 200
Henderson, Nevada 89074
(702) 486-1100

Northern Nevada Office
5390 Kietzke Lane, Suite 102
Reno, Nevada 89511
(775) 688-1141

STATE CONTRACTORS BOARD

The Nevada State Contractors Board certifies that
SIERRA NEVADA CONSTRUCTION INC

Licensed since July 05, 1988

License No. **0025565**

Is duly licensed as a contractor in the following classification(s):

PRINCIPALS:

KEVIN ROBERTSON, President, QI
MARC MARKWELL, CFO
CRAIG HOLT, Vice President

A General Engineering

LIMIT: Unlimited
EXPIRES: 07/31/2023


Chair, Nevada State Contractors Board



STATE OF NEVADA CONTRACTOR'S LICENSE



THIS IS TO CERTIFY THAT THE COMPANY OR PERSON LISTED BELOW IS
LICENSED IN THE STATE OF NEVADA FOR THE CLASSIFICATION(S) SHOWN

LICENSE#: **0025565** EXPIRES: **7/31/2023**
SIERRA NEVADA CONSTRUCTION INC
P O BOX 50760,
SPARKS, NV 89435-0760

LIMIT: **Unlimited**
CLASS: **A**

Project Workforce Checklist

Contract No.: WA-2022-307 Project Name: MT. Golf Course Cart Path Restoration - Phase 2

Contractor/Subcontractor: Sierra Nevada Construction, Inc.

| Craft/Trade | More than 3 Employees Anticipated? | | | Anticipate Needing Waiver? | |
|--|------------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| Air Balance Technician | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Alarm Installer | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Bricklayer , can also include tile setter, terrazzo workers and marble masons. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Carpenter , can also include cement masons, floor coverer, millwright and piledriver (non-equipment), plasterers and terrazzo workers. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Cement Mason (See Laborers) | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Electrician , includes communication technician, line, neon sign and wireman. Can also include alarm installer. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Elevator Constructor | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Floor Coverer | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Glazier (see also Painters and Allied Trades) | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Hod Carrier (See Laborers) , includes brick-mason tender and plaster tender. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Iron Worker , can also include fence erectors (steel/iron) | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Laborer , can also include brick mason tender, cement mason, fence erector (non-steel/iron), flag person, highway stripier, landscaper, plastic tender, and traffic barrier erector | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Lubrication and Service Engineer | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Mechanical Insulator | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Millwright | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Operating Engineer , can also include equipment greaser, piledriver, soils and material tester, steel fabricator/erector (equipment) and surveyor (non-licensed) and well driller. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Painters and Allied Trades , can also include glaziers, floor coverers, and tapers. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Pile Driver (non-equipment) | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Plasterer | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Plumber/Pipefitter | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

| | | | | | |
|--|------------|-----------|------------|------------|-----------|
| Refrigeration | Yes | No | N/A | Yes | No |
| Roofer (not sheet metal) | Yes | No | N/A | Yes | No |
| Sheet Metal Worker , can also include air balance technician. | Yes | No | N/A | Yes | No |
| Soils and Materials Tester , includes certified soil tester | Yes | No | N/A | Yes | No |
| Sprinkler Fitter | Yes | No | N/A | Yes | No |
| Surveyor (non-licensed) | Yes | No | N/A | Yes | No |
| Taper | Yes | No | N/A | Yes | No |
| Tile/Terrazzo Worker/Marble Mason | Yes | No | N/A | Yes | No |
| Traffic Barrier Erector (See Laborers) | Yes | No | N/A | Yes | No |
| Truck Driver | Yes | No | N/A | Yes | No |
| Well Driller (see also Operating Engineer) | Yes | No | N/A | Yes | No |
| Other*: | Yes | No | N/A | Yes | No |
| | Yes | No | N/A | Yes | No |
| | Yes | No | N/A | Yes | No |
| | Yes | No | N/A | Yes | No |

I affirm I am fully authorized to acknowledge, on behalf of the Contractor listed above, the anticipated workforce, and acknowledge that changes to the anticipated workforce which may have an impact on compliance with the Nevada Apprenticeship Utilization Act, 2019 will require the submittal of a revised form within ten (10) working days of such change.

Signed: _____

Name and Title: _____

Date: _____

Contractor Name: _____

SECTION 5
AGREEMENT BETWEEN OWNER AND CONTRACTOR
FOR CONSTRUCTION CONTRACT

This Agreement is by and between the **Incline Village General Improvement District** (“Owner”) and **Sierra Nevada Construction, Inc.**, a Domestic Corporation with principle place of business located at 2055 E. Greg Street in Sparks, Nevada (“Contractor”). This Agreement will be effective on _____, which is the Effective Date of the Contract. Terms used in this Agreement have the meanings stated in the General Conditions and the Supplementary Conditions.

Owner and Contractor hereby agree as follows:

ARTICLE 1—WORK

1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows:

The Project is located at 690 Wilson Way, in Incline Village, Washoe County, Nevada. The Base Bid scope of work includes replacing approximately 4,705 SF of existing asphalt pavement and base, 143 LF of AC curb replacement, 235 SF of Rock Slope Protection, 30,870 LF of crack seal, and approximately 86,125 SF of slurry seal throughout the entirety of the cart path.

ARTICLE 2—THE PROJECT

2.01 The Project, of which the Work under the Contract Documents is a part, is generally described as follows:

Mt. Golf Course Cart Path Restoration – Phase II

ARTICLE 3—ENGINEER

3.01 IVGID’s Engineering Division is to act as Owner’s representative, assume all duties and responsibilities of Engineer, and have the rights and authority assigned to Engineer in the Contract.

3.02 The part of the Project that pertains to the Work has been designed by the IVGID Engineering Division.

ARTICLE 4—CONTRACT TIMES

4.01 *Time is of the Essence*

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

B. The OWNER anticipates issuing the Notice to Proceed on or about **May 15, 2023**.

C. The Work is to be performed within 60 consecutive business days (Monday – Friday) between **Sept. 5, 2023 and Nov. 4, 2023**.

4.02 *Contract Times: Dates*

- A. The Work will be substantially complete on or before **Nov. 4, 2023**, and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before **Nov. 24, 2023**

4.03 *Liquidated Damages*

- A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial and other losses if the Work is not completed and Milestones not achieved within the Contract Times, as duly modified. The parties also recognize the delays, expense, and difficulties involved in proving, in a legal or arbitration proceeding, the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty):
1. *Substantial Completion*: Contractor shall pay Owner **\$1,000** for each day that expires after the time (as duly adjusted pursuant to the Contract) specified above for Substantial Completion, until the Work is substantially complete.
 2. *Completion of Remaining Work*: After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times (as duly adjusted pursuant to the Contract) for completion and readiness for final payment, Contractor shall pay Owner **\$1,250** for each day that expires after such time until the Work is completed and ready for final payment.
 3. Liquidated damages for failing to timely attain Substantial Completion, and final completion are not additive, and will not be imposed concurrently.
- B. If Owner recovers liquidated damages for a delay in completion by Contractor, then such liquidated damages are Owner's sole and exclusive remedy for such delay, and Owner is precluded from recovering any other damages, whether actual, direct, excess, or consequential, for such delay, except for special damages (if any) specified in this Agreement.

ARTICLE 5—CONTRACT PRICE

- 5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents, the amounts that follow, subject to adjustment under the Contract:

- A. For all Unit Price Work, an amount equal to the sum of the extended prices (established for each separately identified item of Unit Price Work as shown on the Bid Form. The total estimated Contract Price is **One Hundred Eighty-Seven Thousand and Seven Dollars (\$187,007.00)**.

The extended prices for Unit Price Work set forth as of the Effective Date of the Contract are based on estimated quantities. As provided in Paragraph 13.03 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer.

ARTICLE 6—PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

- A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

- A. Owner shall make progress payments on the basis of Contractor's Applications for Payment, as recommended by Engineer, on or about the first day of each month during performance of the Work as provided in Paragraph 6.02.A.1 below, provided that such Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments will be measured by the Schedule of Values established as provided in the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no Schedule of Values, as provided elsewhere in the Contract.

- 1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Owner may withhold, including but not limited to liquidated damages, in accordance with the Contract.

- a. Ninety-five percent (95%) of the value of the Work completed (with the balance being retainage).

- 1) If 50 percent or more of the Work has been completed, as determined by Engineer, and if the character and progress of the Work have been satisfactory to Owner and Engineer, then as long as the character and progress of the Work remain satisfactory to Owner and Engineer, there will be no additional retainage.

- b. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to ninety-seven and one-half percent (97.5%) of the Work completed, less such amounts set off by Owner pursuant to Paragraph 15.01.E of the General Conditions, and less Engineer's estimate of the value of Work to be completed or corrected as shown on the punch list of items to be completed or corrected prior to final payment.

6.03 *Final Payment*

- A. Upon final completion and acceptance of the Work, and as recommended by Engineer, Owner shall pay the remainder of the Contract Price in accordance with Paragraph 15.06 of the General Conditions.

6.04 *Consent of Surety*

- A. Owner will not make final payment, or return or release retainage at Substantial Completion or any other time, unless Contractor submits written consent of the surety to such payment, return, or release.

6.05 *Interest*

- A. All amounts not paid when due will bear interest at the rate of six percent (6%) per annum.

ARTICLE 7—CONTRACT DOCUMENTS

7.01 *Contents*

- A. The Contract Documents consist of all of the following:
 - 1. This Agreement.
 - 2. Contractor's Bid dated **April 6, 2023**.
 - 3. Bonds:
 - a. Performance bond (together with power of attorney).
 - b. Payment bond (together with power of attorney).
 - 4. General Conditions.
 - 5. Supplementary Conditions.
 - 6. Specifications as listed in the table of contents of the project manual (copy of list attached).
 - 7. Drawings (not attached but incorporated by reference) consisting of 15 sheets with each sheet bearing the following general title: **Mt. Golf Course Cart Path Restoration – Phase II**.
 - 8. Addenda Number 1.
 - 9. Exhibits to this Agreement (enumerated as follows):
 - a. Documentation submitted by Contractor prior to Notice of Award
 - b. For all projects over \$100,000, State of Nevada Prevailing Wage Rates, Washoe County, current edition as of Award date of project.
 - 10. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:
 - a. Notice to Proceed.
 - b. Work Change Directives.
 - c. Change Orders.
- B. The Contract Documents listed in Paragraph 7.01.A are attached to this Agreement (except as expressly noted otherwise above).
- C. There are no Contract Documents other than those listed above in this Article 7.
- D. The Contract Documents may only be amended, modified, or supplemented as provided in the Contract.

ARTICLE 8—REPRESENTATIONS, CERTIFICATIONS, AND STIPULATIONS

8.01 *Contractor's Representations*

- A. In order to induce Owner to enter into this Contract, Contractor makes the following representations:
 - 1. Contractor has examined and carefully studied the Contract Documents, including Addenda.

2. Contractor has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Contractor is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Contractor has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
5. Contractor has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
6. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (c) Contractor's safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
9. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

8.02 *Contractor's Certifications*

- A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 8.02:
 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution;
 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to

establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

- 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and
- 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

8.03 *Standard General Conditions*

- A. Owner stipulates that if the General Conditions that are made a part of this Contract are EJCDC® C-700, Standard General Conditions for the Construction Contract (2018), published by the Engineers Joint Contract Documents Committee, and if Owner is the party that has furnished said General Conditions, then Owner has plainly shown all modifications to the standard wording of such published document to the Contractor, in the Supplementary Conditions.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement.

OWNER:
INCLINE VILLAGE G. I. D.
Agreed to:

Matthew Dent, Chairman

Date

David Noble, Secretary

Date

Reviewed as to Form:

Joshua Nelson
District Legal Counsel

Date

OWNER'S address for giving notice:

CONTRACTOR:
SIERRA NEVADA CONSTRUCTION
Agreed To:

By: 

Signature of Authorized Agent

Kevin L. Robertson, President
Print or Type Name and Title

April 27, 2023
Date

If CONTRACTOR is a Corporation, attach evidence of authority to sign.

CONTRACTOR'S address for giving notice:

Sierra Nevada Construction
 2055 E. Greg Street
 Sparks, Nevada 89431
 775-355-0420

**ACTION BY UNANIMOUS WRITTEN CONSENT OF THE BOARD
OF DIRECTORS AND SHAREHOLDERS
OF
SIERRA NEVADA CONSTRUCTION, INC.
MARCH 2, 2020**

The undersigned, being all the directors and shareholders of Sierra Nevada Construction, Inc., a Nevada corporation (the "Corporation"), do hereby unanimously approve, adopt, make, ratify and confirm the following:

WHEREAS, Kevin L. Robertson acts in the capacity of President, Craig D. Holt acts in the capacity of Vice President, and Marc T. Markwell acts in the capacity of Treasurer, Chief Financial Officer, and Secretary of Sierra Nevada Construction, Inc.

WHEREAS, Kevin L. Robertson, Craig D. Holt, and Marc Markwell as officers of this Corporation may be required from time to time to execute agreements on behalf of Sierra Nevada Construction, Inc.

NOW THEREFORE, the undersigned directors and shareholders of Sierra Nevada Construction, Inc., resolve as follows:

RESOLVED, that the following individuals are appointed to service as officers of the Corporation in the specified capacities:

| | |
|--------------------|---|
| Kevin L. Robertson | President |
| Craig D. Holt | Vice President |
| Marc T. Markwell | Chief Financial Officer/Secretary/Treasurer |

RESOLVED, that Kevin L. Robertson, Craig D. Holt and Marc T. Markwell as officers of this Corporation are authorized to execute agreements into, between or among Sierra Nevada Construction, Inc., and third parties without further authorization from the directors and/or shareholders.

and, further

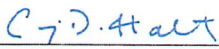
RESOLVED, that Kevin L. Robertson, Craig D. Holt and Marc T. Markwell in their capacities as officers of this Corporation are authorized to take all necessary and appropriate steps on behalf of the Corporation to effectuate the proposed amendments to the Articles of Incorporation and the Bylaws of the Corporation.

IN WITNESS WHEREOF, the directors and shareholders have executed this instrument effective March 2, 2020.

Directors:

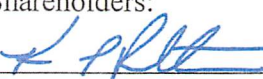


Kevin L. Robertson

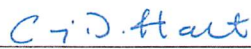


Craig D. Holt

Shareholders:



Kevin L. Robertson



Craig D. Holt

INCLINE VILLAGE G. I. D.
893 Southwood Boulevard
Incline Village, Nevada 89451
775-832-1267- Engineering Division

END OF AGREEMENT

PERFORMANCE BOND

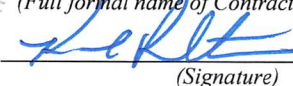
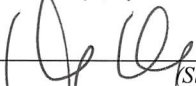
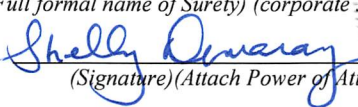

| | |
|---|---|
| <p>Contractor</p> <p>Name: _____</p> <p>Address (<i>principal place of business</i>): _____</p> | <p>Surety</p> <p>Name: _____</p> <p>Address (<i>principal place of business</i>): _____</p> |
| <p>Owner</p> <p>Incline Village General Improvement District</p> <p>Mailing address (<i>principal place of business</i>):</p> <p style="padding-left: 40px;">Public Works Division; 1220 Sweetwater Road; Incline Village, NV 89451</p> | <p>Contract</p> <p>Description (<i>name and location</i>):</p> <p style="padding-left: 40px;">Mt. Golf Course Cart Path – Phase II</p> <p>Contract Price: _____</p> <p>Effective Date of Contract: _____</p> |
| <p>Bond</p> <p>Bond Amount: _____</p> <p>Date of Bond: _____</p> <p><i>(Date of Bond cannot be earlier than Effective Date of Contract)</i></p> <p>Modifications to this Bond form:</p> <p><input type="checkbox"/> None <input type="checkbox"/> See Paragraph 16</p> | |
| <p>Surety and Contractor, intending to be legally bound hereby, subject to the terms set forth in this Performance Bond, do each cause this Performance Bond to be duly executed by an authorized officer, agent, or representative.</p> | |
| Contractor as Principal | Surety |
| _____ | _____ |
| <i>(Full formal name of Contractor)</i> | <i>(Full formal name of Surety) (corporate seal)</i> |
| By: _____ | By: _____ |
| <i>(Signature)</i> | <i>(Signature)(Attach Power of Attorney)</i> |
| Name: _____ | Name: _____ |
| <i>(Printed or typed)</i> | <i>(Printed or typed)</i> |
| Title: _____ | Title: _____ |
| Attest: _____ | Attest: _____ |
| <i>(Signature)</i> | <i>(Signature)</i> |
| Name: _____ | Name: _____ |
| <i>(Printed or typed)</i> | <i>(Printed or typed)</i> |
| Title: _____ | Title: _____ |
| <p><i>Notes: (1) Provide supplemental execution by any additional parties, such as joint venturers. (2) Any singular reference to Contractor, Surety, Owner, or other party is considered plural where applicable.</i></p> | |

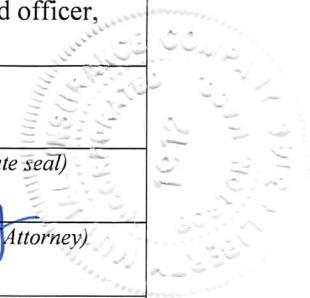
1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.
2. If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Paragraph 3.
3. If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond will arise after:
 - 3.1. The Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice may indicate whether the Owner is requesting a conference among the Owner, Contractor, and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Paragraph 3.1 will be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor, and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement does not waive the Owner's right, if any, subsequently to declare a Contractor Default;
 - 3.2. The Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and
 - 3.3. The Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.
4. Failure on the part of the Owner to comply with the notice requirement in Paragraph 3.1 does not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.
5. When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:
 - 5.1. Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;
 - 5.2. Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;
 - 5.3. Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owners concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or
 - 5.4. Waive its right to perform and complete, arrange for completion, or obtain a new contractor, and with reasonable promptness under the circumstances:
 - 5.4.1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
 - 5.4.2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.
6. If the Surety does not proceed as provided in Paragraph 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Paragraph 5.4, and the Owner refuses the payment, or the Surety has denied liability, in whole or in part, without further notice, the Owner shall be entitled to enforce any remedy available to the Owner.
7. If the Surety elects to act under Paragraph 5.1, 5.2, or 5.3, then the responsibilities of the Surety to the Owner will not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner

to the Surety will not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication for:

- 7.1. the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
 - 7.2. additional legal, design professional, and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 5; and
 - 7.3. liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.
8. If the Surety elects to act under Paragraph 5.1, 5.3, or 5.4, the Surety's liability is limited to the amount of this Bond.
 9. The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price will not be reduced or set off on account of any such unrelated obligations. No right of action will accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors, and assigns.
 10. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.
 11. Any proceeding, legal or equitable, under this Bond must be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and must be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this paragraph are void or prohibited by law, the minimum periods of limitations available to sureties as a defense in the jurisdiction of the suit will be applicable.
 12. Notice to the Surety, the Owner, or the Contractor must be mailed or delivered to the address shown on the page on which their signature appears.
 13. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement will be deemed deleted therefrom and provisions conforming to such statutory or other legal requirement will be deemed incorporated herein. When so furnished, the intent is that this Bond will be construed as a statutory bond and not as a common law bond.
 14. Definitions
 - 14.1. *Balance of the Contract Price*—The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made including allowance for the Contractor for any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.
 - 14.2. *Construction Contract*—The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.
 - 14.3. *Contractor Default*—Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.
 - 14.4. *Owner Default*—Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
 - 14.5. *Contract Documents*—All the documents that comprise the agreement between the Owner and Contractor.
 15. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond will be deemed to be Subcontractor and the term Owner will be deemed to be Contractor.
 16. Modifications to this Bond are as follows: None [**Describe modification or enter "None"**]

PERFORMANCE BOND

| | |
|---|---|
| <p>Contractor</p> <p>Name: Sierra Nevada Construction, Inc.</p> <p>Address <i>(principal place of business)</i>: 2055 East Greg Street Sparks, NV 89431</p> | <p>Surety</p> <p>Name: Liberty Mutual Insurance Company</p> <p>Address <i>(principal place of business)</i>: 1001 4th Ave., Ste. 3800 Seattle, WA 98154</p> |
| <p>Owner</p> <p>Incline Village General Improvement District</p> <p>Mailing address <i>(principal place of business)</i>: Public Works Division; 1220 Sweetwater Road; Incline Village, NV 89451</p> | <p>Contract</p> <p>Description <i>(name and location)</i>: Mt. Golf Course Cart Path – Phase II Incline Village, NV</p> <p style="text-align: center;">One Hundred Eighty-Seven Thousand Seven and 00/100 Dollars</p> <p>Contract Price: \$187,007.00</p> <p>Effective Date of Contract:</p> |
| <p>Bond</p> <p>Bond Amount: One Hundred Eighty-Seven Thousand Seven and 00/100 Dollars (\$187,007.00)</p> <p>Date of Bond: April 27, 2023 <i>(Date of Bond cannot be earlier than Effective Date of Contract)</i></p> <p>Modifications to this Bond form: <input checked="" type="checkbox"/> None <input type="checkbox"/> See Paragraph 16</p> | |
| <p>Surety and Contractor, intending to be legally bound hereby, subject to the terms set forth in this Performance Bond, do each cause this Performance Bond to be duly executed by an authorized officer, agent, or representative.</p> | |
| <p>Contractor as Principal</p> <p style="text-align: center;">Sierra Nevada Construction, Inc. <i>(Full formal name of Contractor)</i></p> <p>By: <u></u> <i>(Signature)</i></p> <p>Name: <u>Kevin L. Robertson</u> <i>(Printed or typed)</i></p> <p>Title: <u>President</u></p> <p>Attest: <u></u> <i>(Signature)</i></p> <p>Name: <u>Marc T. Markwell</u> <i>(Printed or typed)</i></p> <p>Title: <u>Secretary/Treasurer</u></p> | <p>Surety</p> <p style="text-align: center;">Liberty Mutual Insurance Company <i>(Full formal name of Surety) (corporate seal)</i></p> <p>By: <u></u> <i>(Signature) (Attach Power of Attorney)</i></p> <p>Name: <u>Shelly Demaray</u> <i>(Printed or typed)</i></p> <p>Title: <u>Attorney-In-Fact</u></p> <p>Attest: <u></u> <i>(Signature)</i></p> <p>Name: <u>Carey Morgan</u> <i>(Printed or typed)</i></p> <p>Title: <u>Witness</u></p> |
| <p><i>Notes: (1) Provide supplemental execution by any additional parties, such as joint venturers. (2) Any singular reference to Contractor, Surety, Owner, or other party is considered plural where applicable.</i></p> | |

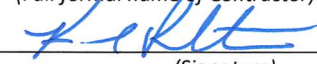
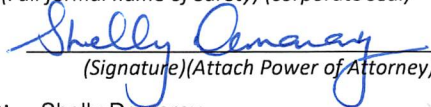
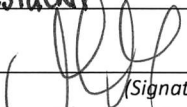



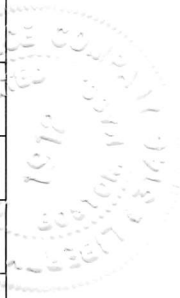
1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.
2. If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Paragraph 3.
3. If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond will arise after:
 - 3.1. The Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice may indicate whether the Owner is requesting a conference among the Owner, Contractor, and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Paragraph 3.1 will be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor, and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement does not waive the Owner's right, if any, subsequently to declare a Contractor Default;
 - 3.2. The Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and
 - 3.3. The Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.
4. Failure on the part of the Owner to comply with the notice requirement in Paragraph 3.1 does not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.
5. When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:
 - 5.1. Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;
 - 5.2. Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;
 - 5.3. Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owners concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Paragraph 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or
 - 5.4. Waive its right to perform and complete, arrange for completion, or obtain a new contractor, and with reasonable promptness under the circumstances:
 - 5.4.1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
 - 5.4.2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.
6. If the Surety does not proceed as provided in Paragraph 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Paragraph 5.4, and the Owner refuses the payment, or the Surety has denied liability, in whole or in part, without further notice, the Owner shall be entitled to enforce any remedy available to the Owner.
7. If the Surety elects to act under Paragraph 5.1, 5.2, or 5.3, then the responsibilities of the Surety to the Owner will not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner

to the Surety will not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication for:

- 7.1. the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
 - 7.2. additional legal, design professional, and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 5; and
 - 7.3. liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.
8. If the Surety elects to act under Paragraph 5.1, 5.3, or 5.4, the Surety's liability is limited to the amount of this Bond.
 9. The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price will not be reduced or set off on account of any such unrelated obligations. No right of action will accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors, and assigns.
 10. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.
 11. Any proceeding, legal or equitable, under this Bond must be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and must be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this paragraph are void or prohibited by law, the minimum periods of limitations available to sureties as a defense in the jurisdiction of the suit will be applicable.
 12. Notice to the Surety, the Owner, or the Contractor must be mailed or delivered to the address shown on the page on which their signature appears.
 13. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement will be deemed deleted therefrom and provisions conforming to such statutory or other legal requirement will be deemed incorporated herein. When so furnished, the intent is that this Bond will be construed as a statutory bond and not as a common law bond.
 14. Definitions
 - 14.1. *Balance of the Contract Price*—The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made including allowance for the Contractor for any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.
 - 14.2. *Construction Contract*—The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.
 - 14.3. *Contractor Default*—Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.
 - 14.4. *Owner Default*—Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
 - 14.5. *Contract Documents*—All the documents that comprise the agreement between the Owner and Contractor.
 15. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond will be deemed to be Subcontractor and the term Owner will be deemed to be Contractor.
 16. Modifications to this Bond are as follows: None [**Describe modification or enter "None"**]

SECTION 7 - PAYMENT BOND

| | |
|---|---|
| <p>Contractor</p> <p>Name: Sierra Nevada Construction, Inc.</p> <p>Address <i>(principal place of business)</i>: 2055 East Greg Street Sparks, NV 89431</p> | <p>Surety</p> <p>Name: Liberty Mutual Insurance Company</p> <p>Address <i>(principal place of business)</i>: 1001 4th Ave., Ste. 3800 Seattle, WA 98154</p> |
| <p>Owner: Incline Village General Improvement District</p> <p>Mailing address <i>(principal place of business)</i>: Public Works Department; 1220 Sweetwater Road, Incline Village, NV 89451</p> | <p>Contract</p> <p>Description <i>(name and location)</i>: Mt. Golf Course Cart Path – Phase II Incline Village, NV</p> <p style="text-align: center;">One Hundred Eighty-Seven Thousand Seven and 00/100 Dollars</p> <p>Contract Price: \$187,007.00</p> <p>Effective Date of Contract:</p> |
| <p>Bond</p> <p>Bond Amount: One Hundred Eighty-Seven Thousand Seven and 00/100 Dollars (\$187,007.00)</p> <p>Date of Bond: April 27, 2023</p> <p><i>(Date of Bond cannot be earlier than Effective Date of Contract)</i></p> <p>Modifications to this Bond form: <input checked="" type="checkbox"/> None <input type="checkbox"/> See Paragraph 18</p> | |
| <p>Surety and Contractor, intending to be legally bound hereby, subject to the terms set forth in this Payment Bond, do each cause this Payment Bond to be duly executed by an authorized officer, agent, or representative.</p> | |
| <p>Contractor as Principal</p> <p>Sierra Nevada Construction, Inc.</p> <p><i>(Full formal name of Contractor)</i></p> | <p>Surety</p> <p>Liberty Mutual Insurance Company</p> <p><i>(Full formal name of Surety) (corporate seal)</i></p> |
| <p>By: <u></u></p> <p style="text-align: center;"><i>(Signature)</i></p> | <p>By: <u></u></p> <p style="text-align: center;"><i>(Signature)(Attach Power of Attorney)</i></p> |
| <p>Name: <u>Kevin L. Robertson</u></p> <p style="text-align: center;"><i>(Printed or typed)</i></p> | <p>Name: <u>Shelly Demaray</u></p> <p style="text-align: center;"><i>(Printed or typed)</i></p> |
| <p>Title: <u>President</u></p> | <p>Title: <u>Attorney-In-Fact</u></p> |
| <p>Attest: <u></u></p> <p style="text-align: center;"><i>(Signature)</i></p> | <p>Attest: <u></u></p> <p style="text-align: center;"><i>(Signature)</i></p> |
| <p>Name: <u>Marc T. Markwell</u></p> <p style="text-align: center;"><i>(Printed or typed)</i></p> | <p>Name: <u>Carey Morgan</u></p> <p style="text-align: center;"><i>(Printed or typed)</i></p> |
| <p>Title: <u>Secretary/Treasurer</u></p> | <p>Title: <u>Witness</u></p> |
| <p><i>Notes: (1) Provide supplemental execution by any additional parties, such as joint venturers. (2) Any singular reference to Contractor, Surety, Owner, or other party is considered plural where applicable.</i></p> | |



1. The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner to pay for labor, materials, and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference, subject to the following terms.
2. If the Contractor promptly makes payment of all sums due to Claimants, and defends, indemnifies, and holds harmless the Owner from claims, demands, liens, or suits by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, then the Surety and the Contractor shall have no obligation under this Bond.
3. If there is no Owner Default under the Construction Contract, the Surety's obligation to the Owner under this Bond will arise after the Owner has promptly notified the Contractor and the Surety (at the address described in Paragraph 13) of claims, demands, liens, or suits against the Owner or the Owner's property by any person or entity seeking payment for labor, materials, or equipment furnished for use in the performance of the Construction Contract, and tendered defense of such claims, demands, liens, or suits to the Contractor and the Surety.
4. When the Owner has satisfied the conditions in Paragraph 3, the Surety shall promptly and at the Surety's expense defend, indemnify, and hold harmless the Owner against a duly tendered claim, demand, lien, or suit.
5. The Surety's obligations to a Claimant under this Bond will arise after the following:
 - 5.1. Claimants who do not have a direct contract with the Contractor
 - 5.1.1. have furnished a written notice of non-payment to the Contractor, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were, or equipment was, furnished or supplied or for whom the labor was done or performed, within ninety (90) days after having last performed labor or last furnished materials or equipment included in the Claim; and
 - 5.1.2. have sent a Claim to the Surety (at the address described in Paragraph 13).
 - 5.2. Claimants who are employed by or have a direct contract with the Contractor have sent a Claim to the Surety (at the address described in Paragraph 13).
6. If a notice of non-payment required by Paragraph 5.1.1 is given by the Owner to the Contractor, that is sufficient to satisfy a Claimant's obligation to furnish a written notice of non-payment under Paragraph 5.1.1.
7. When a Claimant has satisfied the conditions of Paragraph 5.1 or 5.2, whichever is applicable, the Surety shall promptly and at the Surety's expense take the following actions:
 - 7.1. Send an answer to the Claimant, with a copy to the Owner, within sixty (60) days after receipt of the Claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed; and
 - 7.2. Pay or arrange for payment of any undisputed amounts.
 - 7.3. The Surety's failure to discharge its obligations under Paragraph 7.1 or 7.2 will not be deemed to constitute a waiver of defenses the Surety or Contractor may have or acquire as to a Claim, except as to undisputed amounts for which the Surety and Claimant have reached agreement. If, however, the Surety fails to discharge its obligations under Paragraph 7.1 or 7.2, the Surety shall indemnify the Claimant for the reasonable attorney's fees the Claimant incurs thereafter to recover any sums found to be due and owing to the Claimant.
8. The Surety's total obligation will not exceed the amount of this Bond, plus the amount of reasonable attorney's fees provided under Paragraph 7.3, and the amount of this Bond will be credited for any payments made in good faith by the Surety.
9. Amounts owed by the Owner to the Contractor under the Construction Contract will be used for the performance of the Construction Contract and to satisfy claims, if any, under any construction performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfying obligations of the Contractor and Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.
10. The Surety shall not be liable to the Owner, Claimants, or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for the payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligation to make payments to or give notice on behalf of Claimants, or otherwise have any obligations to Claimants under this Bond.
11. The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders, and other obligations.
12. No suit or action will be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the state in which the project that is the subject of the Construction Contract is located or after the expiration of one year from the date (1) on which the Claimant sent a Claim to the Surety pursuant to Paragraph 5.1.2 or 5.2, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract,

- whichever of (1) or (2) first occurs. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit will be applicable.
13. Notice and Claims to the Surety, the Owner, or the Contractor must be mailed or delivered to the address shown on the page on which their signature appears. Actual receipt of notice or Claims, however accomplished, will be sufficient compliance as of the date received.
 14. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement will be deemed deleted here from and provisions conforming to such statutory or other legal requirement will be deemed incorporated herein. When so furnished, the intent is that this Bond will be construed as a statutory bond and not as a common law bond.
 15. Upon requests by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor and Owner shall promptly furnish a copy of this Bond or shall permit a copy to be made.
 16. Definitions
 - 16.1. *Claim*—A written statement by the Claimant including at a minimum:
 - 16.1.1. The name of the Claimant;
 - 16.1.2. The name of the person for whom the labor was done, or materials or equipment furnished;
 - 16.1.3. A copy of the agreement or purchase order pursuant to which labor, materials, or equipment was furnished for use in the performance of the Construction Contract;
 - 16.1.4. A brief description of the labor, materials, or equipment furnished;
 - 16.1.5. The date on which the Claimant last performed labor or last furnished materials or equipment for use in the performance of the Construction Contract;
 - 16.1.6. The total amount earned by the Claimant for labor, materials, or equipment furnished as of the date of the Claim;
 - 16.1.7. The total amount of previous payments received by the Claimant; and
 - 16.1.8. The total amount due and unpaid to the Claimant for labor, materials, or equipment furnished as of the date of the Claim.
 - 16.2. *Claimant*—An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials, or equipment for use in the performance of the Construction Contract. The term Claimant also includes any individual or entity that has rightfully asserted a claim under an applicable mechanic's lien or similar statute against the real property upon which the Project is located. The intent of this Bond is to include without limitation in the terms of "labor, materials, or equipment" that part of the water, gas, power, light, heat, oil, gasoline, telephone service, or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials, or equipment were furnished.
 - 16.3. *Construction Contract*—The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and all changes made to the agreement and the Contract Documents.
 - 16.4. *Owner Default*—Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.
 - 16.5. *Contract Documents*—All the documents that comprise the agreement between the Owner and Contractor.
 17. If this Bond is issued for an agreement between a contractor and subcontractor, the term Contractor in this Bond will be deemed to be Subcontractor and the term Owner will be deemed to be Contractor.
 18. Modifications to this Bond are as follows: None **[Describe modification or enter "None"]**



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8207614-976312

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Andrea Cantlon, Carey Morgan, Dena VanDeVanter, Nicholas D. Rossi, Patricia Owen, Shelly Demaray, Teri L. Nowak, Teri L. Wood

all of the city of Reno state of NV each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 8th day of April, 2022.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: [Signature]
David M. Carey, Assistant Secretary

State of PENNSYLVANIA
County of MONTGOMERY

On this 8th day of April, 2022 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2025
Commission number 1126044
Member, Pennsylvania Association of Notaries

By: [Signature]
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 27th day of April, 2023.



By: [Signature]
Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.

SECTION 6 - APPLICATION AND CERTIFICATION FOR PAYMENT

TO OWNER:

Incline Village G. I. D., Engineering Dept.
1220 Sweetwater Road, Incline Village, NV
775-832-1267

PROJECT: Mt. Golf Course Cart
Path Restoration, Phase II

APPLICATION NO:

PERIOD TO

Distribution to:

| | |
|--------------------------|------------|
| <input type="checkbox"/> | OWNER |
| <input type="checkbox"/> | ARCHITECT |
| <input type="checkbox"/> | CONTRACTOR |
| <input type="checkbox"/> | ENGINEER |
| <input type="checkbox"/> | |

FROM CONTRACTOR:

P.O. Number

CIP Number 3241LI2001
PWP WA-2023-291
CONTRACT DATE:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
Continuation Sheet, AIA Document G703, is attached.

| | | |
|---|----|---|
| 1. ORIGINAL CONTRACT SUM | \$ | - |
| 2. Net change by Change Orders | \$ | - |
| 3. CHANGE IN UNIT PRICE QUANTITIES | \$ | - |
| 4. CONTRACT SUM TO DATE (Line 1 ± 3) | \$ | - |
| 5. TOTAL COMPLETED & STORED TO DATE (Column G on G703) | \$ | - |
| 6. RETAINAGE: | | |
| a. <u>5</u> | \$ | - |
| (Column D + E on G703) | | |
| b. _____ | \$ | - |
| (Column F on G703) | | |
| Total Retainage (Lines 5a + 5b or Total in Column I of G703) | \$ | - |
| 7. TOTAL EARNED LESS RETAINAGE (Line 5 Less Line 6 Total) | \$ | - |
| 8. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate) | \$ | - |
| 9. CURRENT PAYMENT DUE | \$ | - |
| 10. BALANCE TO FINISH, INCL. RETAINAGE (Line 4 less Line 7) | \$ | - |

| CHANGE ORDER SUMMARY | ADDITIONS | DEDUCTIONS |
|---|-------------|-------------|
| Total changes approved in previous months by OWNER: | \$ - | \$ - |
| Total approved this Month: | \$ - | \$ - |
| TOTALS: | \$ - | \$ - |
| NET CHANGES by Change Order: | \$ - | \$ - |

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: _____ Date: _____

State of: _____ County of: _____
Subscribed and sworn to before me this _____ day of _____
Notary Public:
My Commission expires:

ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ -

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)
OWNER:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/26/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| | | | |
|--|--|-------------------------------------|------------------------------|
| PRODUCER L/P Insurance Services LLC 300 East 2nd Street Suite 1300 Reno NV 89501 | CONTACT NAME: Mary Hearron | PHONE (A/C, No, Ext): (775)996-6000 | FAX (A/C, No): (775)473-9288 |
| | E-MAIL ADDRESS: mary.hearron@lpins.net | | |
| INSURED Sierra Nevada Construction, Inc. P O Box 50760 Sparks NV 89435 | INSURER(S) AFFORDING COVERAGE | | NAIC # |
| | INSURER A: Travelers Indemnity Co | | 25658 |
| | INSURER B: Travelers Property Casualty Co of Ameri | | 25674 |
| | INSURER C: Arch Insurance Co | | 11150 |
| | INSURER D: St. Paul Surplus Lines Ins Co | | 30481 |
| | INSURER E: | | |
| INSURER F: | | | |

COVERAGES

CERTIFICATE NUMBER: 2022 GL/Auto/Exc/WC

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS | |
|---|--|-----------|--------------------------------|----------------------|-------------------------|-------------------------|---|---------------|
| A | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY | | | VTC2KCO4R62982AIND22 | 7/1/2022 | 7/1/2023 | EACH OCCURRENCE | \$ 1,000,000 |
| | <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR | | | | | | DAMAGE TO RENTED PREMISES (Ea occurrence) | \$ 300,000 |
| | <input checked="" type="checkbox"/> \$100,000 BI/PD Deductible | | | | | | MED EXP (Any one person) | \$ 5,000 |
| | <input checked="" type="checkbox"/> Electronic Data Liab \$1M | | | | | | PERSONAL & ADV INJURY | \$ 1,000,000 |
| D | GEN'L AGGREGATE LIMIT APPLIES PER: | | | | | | GENERAL AGGREGATE | \$ 2,000,000 |
| | <input checked="" type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC | | | ZCE16P29934 | 7/1/2022 | 7/1/2023 | PRODUCTS - COMP/OP AGG | \$ 2,000,000 |
| B | <input checked="" type="checkbox"/> OTHER: Pollution/Professional | | | | | | Poll \$7,000,000/ Prof\$3,000,000 | \$ 25,000 Ded |
| | AUTOMOBILE LIABILITY | | | VTJCAP5644B123TIL22 | 7/1/2022 | 7/1/2023 | COMBINED SINGLE LIMIT (Ea accident) | \$ 1,000,000 |
| <input checked="" type="checkbox"/> ANY AUTO | <input type="checkbox"/> SCHEDULED AUTOS | | BODILY INJURY (Per person) | | | | \$ | |
| <input type="checkbox"/> ALL OWNED AUTOS | <input checked="" type="checkbox"/> NON-OWNED AUTOS | | BODILY INJURY (Per accident) | | | | \$ | |
| <input checked="" type="checkbox"/> HIRED AUTOS | <input type="checkbox"/> | | PROPERTY DAMAGE (Per accident) | | | | \$ | |
| B | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR | | | CUP4R6293572225 | 7/1/2022 | 7/1/2023 | EACH OCCURRENCE | \$ 20,000,000 |
| | <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE | | | | | | AGGREGATE | \$ 20,000,000 |
| | DED <input checked="" type="checkbox"/> RETENTION \$ 10,000 | | | | | | | \$ |
| C | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY | | | ZAWCI9449802 | 10/1/2022 | 10/1/2023 | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER | |
| | ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) | Y/N | N/A | | | | E.L. EACH ACCIDENT | \$ 1,000,000 |
| | If yes, describe under DESCRIPTION OF OPERATIONS below | | | | | | E.L. DISEASE - EA EMPLOYEE | \$ 1,000,000 |
| | | | | | | | E.L. DISEASE - POLICY LIMIT | \$ 1,000,000 |
| B | Installation Floater | | | QT6304H597086TIL22 | 7/1/2022 | 7/1/2023 | Installation Limit | 1,000,000 |
| B | Leased/Rented Equipment | | | QT6304H597086TIL22 | 7/1/2022 | 7/1/2023 | Leased/Rented Equip Limit | 2,000,000 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: Job #58259 Incline Village GID - Mt. Golf Course Path Restoration Ph II

See Attached Additional Comments/Remarks page for information regarding additional coverage terms and Additional Insured status.

CERTIFICATE HOLDER

rlr@ivgid.org

Incline Village General Improvement District (IVGID)
893 Southwood Boulevard
Incline Village, NV 89451

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Mary Hearron/MARY

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COMMENTS/REMARKS

Continued from Description of Operations Section:

NAMED INSURED: SIERRA NEVADA CONSTRUCTION, INC.

When Named Insureds operations are performed for Certificate Holder and/or entities listed in Description of Operations on the Acord 25 form pursuant to a valid written contract or agreement executed by Named Insured prior to loss, in accordance with the noted policy(ies):

Additional Insured Status is determined by attached GL Form #CGD246 04/19, CG T1 00 02 19, Auto Form #CAT3530215.

Waiver of Subrogation Status is determined by GL Form #CGD316 02/19, Auto Form #CAT353 02/15, Workers Compensation Form #WC000313 4/84 & WC040306;

Primary and Non-Contributory Status is determined by GL Form #CGT100 02/19 (Section D) & Auto Form #CAT499 02/16.

Electronic Data as per contract # CGD 823 0219, attached.

Evidence of Pollution and Professional Liability as per attached Form #RP 10 00 11 21.

Waiver of Subrogation Status is determined by Form RP 10 00 11 21, Primary and

Non-Contributory Status is determined by Form #RP 10 03 21.

Additional Named Insureds

Other Named Insureds

| | |
|---------------------------------|---|
| C & K Property Investments, LLC | Limited Liability Company, Additional Named Insured |
| Holt ILIT | Additional Named Insured |
| Mustang Assests, LLC | Limited Liability Company, Additional Named Insured |
| Mustang Assets Company LLC | Limited Liability Company, Additional Named Insured |
| Pacific Equipment Leasing,LLC | Limited Liability Company, Additional Named Insured |
| Robertson ILIT | Additional Named Insured |
| SNC Asset Management, LLC | Additional Named Insured |
| SNC Leasing Company, LLC | Limited Liability Company, Additional Named Insured |
| SNC Liquidity Investments, LLC | Limited Liability Company, Additional Named Insured |

jurisdiction because we are not licensed to provide insurance in such country or jurisdiction; or

- (2) The furnishing of certificates or other evidence of insurance in any country or jurisdiction in which we are not licensed to provide insurance.

11. Representations

By accepting this policy, you agree that:

- a. All statements in the *Travelers ECP Custom* Declarations are accurate and complete;
- b. All such statements are based upon representations made by the "First Named Insured";
- c. All statements and representations made in the application for this policy, including all information provided with the application for this policy, are accurate and complete; and
- d. We have issued this policy in reliance upon all such statements and representations.

12. Service Of Suit

In the event that we fail to pay any amount claimed to be due under this policy and the "insured" sues us to recover such amount we shall honor the decision of the court that is authorized to hear the case.

However, we have the right to appeal that decision.

Service of process for any such lawsuit brought against us may be made upon us by serving our President, or our President's designee, at One Tower Square, Hartford, Connecticut 06183, and such person shall be authorized to receive the papers on our behalf.

However, the "insured" may also serve or send papers involving such lawsuit to the Commissioner, Director or Superintendent of Insurance for the state in which the lawsuit is being filed. We designate that appropriate officer, or that person's successor, to mail a copy of the papers to us.

For the State of California, service of process for any such lawsuit brought against us may be made upon:

CSC-Lawyers Incorporating Service
2730 Gateway Oaks Drive, Suite 100
Sacramento, California 95833

For the State of Rhode Island, service of process for any such lawsuit brought against us may be made upon:

Corporation Service Company
222 Jefferson Blvd., Suite 200
Warwick, Rhode Island 02888

13. Separation Of Insureds

Except with respect to the limits of insurance, and any rights or duties specifically assigned in this policy to the "First Named Insured", this insurance applies:

- a. As if each "named insured" were the only "named insured"; and
- b. Separately to each "insured" against whom a "claim" is made.

14. Transfer Of Control Of Defense

If the available limits of insurance are used up, we will notify the "First Named Insured" in writing of all outstanding "claims" so that you can arrange to take control of the defense. Before the available limits of insurance are used up, you may take over control of the defense of any outstanding "claim" only if we agree that you may take over such defense.

We will take whatever steps are necessary during a transfer of control of defense of an outstanding "claim" to continue that defense and avoid a default judgment during such transfer. You agree to repay the reasonable expenses we incur for any such steps taken after the available limit of insurance is used up. When we take such steps, you agree that we do not give up any rights.

15. Transfer Or Assignment Of This Policy

This policy may not be transferred or assigned, except with our written consent, or in the case of death of a "named insured" that is an individual.

If such "named insured" dies, that "named insured's" rights and duties will be transferred to that "named insured's" legal representative but only while acting within the scope of duties as such legal representative. Until such legal representative is appointed, anyone having proper temporary custody of such "named insured's" property will have such "named insured's" rights and duties but only with respect to that property.

16. Transfer Of Rights Of Recovery Against Others To Us

If the "insured" has rights to recover from others all or part of any payment we have made under this policy, those rights are transferred to us. The "insured" must do nothing after the loss to impair them, and under any Contractors Indemnity For Design

Professional's Liability Coverage and any Contractors Indemnity For Subcontractor's Pollution Liability Coverage, no "named insured" can agree in a contract or agreement to:

- a. Waive any "named insured's" right of recovery against any "design professional" or "specified subcontractor"; or
- b. Limit the liability of the "design professional" or "specified subcontractor" to a maximum amount unless such limitation is an "authorized agreed limitation of liability".

At our request, the "insured" will bring suit or initiate an alternative dispute resolution proceeding to enforce those rights or will help us enforce them.

We will apply any amounts recovered in enforcing those rights of recovery in the following order until the total amount recovered is used up:

- a. We will reimburse any person or organization, including us or the "insured", any amount that person or organization has paid in excess of the limits of insurance.
- b. We will retain an amount equal to the amount we have paid under this policy.
- c. We will pay to the "insured" any remaining portion, including any amounts within any applicable deductible or self-insured retention.

If any amounts are recovered in enforcing those rights of recovery, reasonable expenses incurred in enforcing such rights will be shared among all persons or organizations receiving amounts recovered. Each such person's or organization's share of those expenses is based on the ratio of its amount recovered to the total amounts recovered by all such persons or organizations in enforcing such rights.

If the "insured" has agreed in a contract or agreement to waive that "insured's" right of recovery against any person or organization, we waive our right of recovery against such person or organization, but only for payments we make for:

- a. "Loss" to which any of the following applies caused by an act, error or omission committed subsequent to the execution of the contract or agreement:
 - (1) Any Contractors Professional Liability Coverage; or

(2) Any Contractors Professional Liability Loss Mitigation Expenses Coverage;

- b. "Loss" to which any "Pollution Liability Coverage" applies resulting from "pollution conditions" that commence subsequent to the execution of the contract or agreement; or
- c. "Loss" to which any Contractors Pollution Loss Mitigation Expenses Coverage applies resulting from "faulty work incidents" that are not first discovered by any "insured" until subsequent to the execution of the contract or agreement.

SECTION IX – DEFINITIONS

- 1. "Agreed mediation":
 - a. Means a voluntary and non-binding process that:
 - (1) Is agreed to by us; and
 - (2) Involves a qualified professional mediator facilitating an attempted settlement of the "claim" between the "insured" and the person or organization making the "claim".
 - b. Does not include any mediation or alternative dispute resolution that is:
 - (1) Ordered or imposed by a court; or
 - (2) Otherwise legally required.
- 2. "Asbestos pollution conditions":
 - a. Means any "pollution conditions" that are:
 - (1) The disturbance of asbestos or asbestos fibers if the "pollution conditions" result from any activity that is performed on behalf of any "named insured" by a subcontractor under a written contract or agreement with such "named insured"; or
 - (2) The inadvertent disturbance of asbestos or asbestos fibers if the "pollution conditions" do not result from any activity that is performed on behalf of any "named insured" by a subcontractor under a written contract or agreement with such "named insured". As used in this provision, inadvertent disturbance does not include any discharge, dispersal, seepage, migration, release or escape of asbestos or asbestos fibers during or as a result of asbestos abatement operations or any other operations to test for, monitor, clean up,

described in Paragraphs (a)(i) or (ii) above; or

(b) "Property damage" to, or "pollution clean-up costs" for, property:

(i) Owned, occupied or used by; or

(ii) Rented to, in the care, custody or control of, or over which physical control is being exercised for any purpose by;

any "named insured" or any of its "employees", any "named insured's" partners or members (if it is a partnership or joint venture), or any "named insured's" members (if it is a limited liability company). For the purposes of any Contractors Professional Liability Coverage, this exclusion does not apply to "property damage" to any premises, site or location that is temporarily rented or occupied by, or temporarily loaned to, the "named insured" exclusively for any job site where operations are being performed by or on behalf of such "named insured" that are part of such "named insured's" contractor business. For the purposes of any Contractors Pollution Liability Coverage and any Contractors Asbestos Pollution Liability Coverage, this exclusion does not apply to "property damage" to, or "pollution clean-up costs" for, any premises, site or location that is temporarily rented or occupied by, or temporarily loaned to, the "named insured" exclusively for any job site where "covered operations" are being performed;

d. Only for the purposes of:

(1) Any Contractors Professional Liability Coverage, and only with respect to the conduct of the "named insured's" contractor business; and

(2) Any Contractors Pollution Liability Coverage, any Contractors Asbestos Pollution Liability Coverage, and any Non-Owned Disposal Site Pollution Legal Liability Coverage if the "non-owned disposal site pollution conditions" are "contractor waste non-owned

disposal site pollution conditions", and only with respect to the conduct of "covered operations" for the "named insured's" business;

the following persons or organizations:

(1) The "named insured's" former or retired partners who are individuals and whom such "named insured" hires or retains as independent contractors in a contract or agreement with that former or retired partner if such "named insured" is designated in the *Travelers ECP Custom* Declarations as a partnership, but only for their performance of duties under such contract or agreement;

(2) The "named insured's" former or retired members who are individuals and whom such "named insured" hires or retains as independent contractors in a contract or agreement with that former or retired member if such "named insured" is designated in the *Travelers ECP Custom* Declarations as a limited liability company but only for their performance of duties under such contract or agreement; and

(3) The "named insured's" former or retired "employees" that such "named insured" hires or retains as independent contractors in a contract or agreement with that former or retired "employee" but only for their performance of duties under such contract or agreement.

However, none of these "employees" are "insureds" for:

(a) "Loss" because of "bodily injury" described in Paragraph c.(7)(a) above; or

(b) "Property damage" or "pollution clean-up costs" described in Paragraph c.(7)(b) above; and

e. Only for the purposes of:

(1) Any Contractors Pollution Liability Coverage;

(2) Any Contractors Asbestos Pollution Liability Coverage; and

(3) Any Non-Owned Disposal Site Pollution Legal Liability Coverage if the "non-owned disposal site pollution conditions" are "contractor

waste non-owned disposal site pollution conditions”;

any person or organization that the “named insured” agreed in a written contract or agreement to include as an additional insured under this insurance.

However, such person or organization is an “insured” only for “bodily injury”, “property damage” or “pollution clean-up costs” arising out of “covered operations” performed by or on behalf of any “named insured” and only to the extent that the “pollution conditions” are caused by acts or omissions of any “named insured” or any of such “named insured’s” subcontractors.

Also, the insurance provided to such person or organization is subject to the following provisions:

- (1) The limits of insurance provided to such person or organization will be the minimum limits which the “named insured” agreed to provide in the written contract or agreement, or the limits shown in the *Travelers ECP Custom* Declarations, whichever are less.
- (2) The insurance provided to such person or organization does not apply to any:
 - (a) “Bodily injury”, “property damage” or “pollution clean-up costs” resulting from:
 - (i) “Pollution conditions” that commenced before the written contract or agreement was signed by the “named insured”; or
 - (ii) “Pollution conditions”, or any incident, condition or other circumstance which could become “pollution conditions”, that was known, or reasonably should have been known, by such person or organization or by any of that organization’s employees, and that was not previously disclosed to a “responsible person” before the written contract or agreement was signed by the “named insured”; or
 - (b) “Bodily injury”, “property damage” or “pollution clean-up costs” arising out of any “named insured’s” operation, maintenance, or use of

equipment rented or leased from that person or organization if the “pollution conditions” commenced after the equipment lease expires.

39. “Insured contract” means that part of any contract or agreement pertaining to “covered operations” or “your contractor professional services” under which the “named insured” assumes the “tort liability” of another to pay “loss” sustained or incurred by others.
40. “Lead pollution conditions” means any “pollution conditions” that are the discharge, dispersal, seepage, migration, release or escape of lead, lead compounds or any material or substance that contains or incorporates lead.
41. “Leased worker”:
 - a. Means a person hired from a labor leasing firm under an agreement between the hirer and that firm to perform duties related to the conduct of the hirer’s business.
 - b. Does not include a “temporary worker”.
42. “Loading or unloading” means the handling of property:
 - a. After it is moved from the place where it is accepted for movement into or onto an “auto”, aircraft or watercraft or into or onto a wheeled vehicle designed for travel on railroad tracks;
 - b. While it is in or on an “auto”, aircraft or watercraft or in or on a wheeled vehicle designed for travel on railroad tracks; or
 - c. While it is being moved from an “auto”, aircraft or watercraft or from a wheeled vehicle designed for travel on railroad tracks to the place where it is finally delivered;

but “loading or unloading” does not include the movement of property by means of a mechanical device, other than a hand truck, that is not attached to the “auto”, aircraft or watercraft or to the wheeled vehicle designed for travel on railroad tracks.
43. “Loss” means:
 - a. For the purposes of any Contractors Professional Liability Coverage:
 - (1) Compensatory damages; and
 - (2) Punitive or exemplary damages if such damages are insurable under applicable law.

3. Other Insurance

a. As used anywhere in this policy, other insurance means insurance, or the funding of losses, that is provided by, through or on behalf of:

- (1) Another insurance company;
- (2) Us or any of our affiliated insurance companies;
- (3) Any risk retention group; or
- (4) Any self-insurance method or program, in which case the "insured" will be deemed to be the provider of other insurance.

Other insurance does not include umbrella insurance, or excess insurance, that was bought specifically to apply in excess of the Limits of Insurance shown for this insurance in the *Travelers ECP Custom* Declarations.

b. If valid and collectible other insurance is available to the "insured" for a loss covered under this insurance, our obligations are limited as follows:

(1) This insurance is primary except when Paragraph (2) below applies. When this insurance is primary:

- (a) If any other insurance is issued to any "named insured" by us, or any of our affiliated insurance companies, this insurance is primary to that other insurance, and we will not share with such other insurance; and
- (b) If any other insurance not described in Paragraph (a) above is also primary, we will share with all that other insurance as follows:
 - (i) If all of the other insurance permits contribution by equal shares, we will follow this method also. Under this approach each provider of insurance contributes equal amounts until it has paid its applicable limit of insurance or none of the "loss" remains, whichever comes first.
 - (ii) If any of the other insurance does not permit contribution by equal shares, we will contribute by limits. Under this method, the share of each provider of insurance is based on the

ratio of its applicable limit of insurance to the total applicable limits of insurance of all providers of insurance.

(2) This insurance is excess over any valid and collectible other insurance, whether such other insurance is primary, excess, contingent or on any other basis:

- (a) If the "pollution conditions" that caused the "loss" are "auto transportation pollution conditions";
- (b) That only covers one or more projects specifically described in it. This paragraph does not apply to any other insurance that is available to any person or organization that:
 - (i) Is an "insured" under Paragraph e. of the definition of "insured"; or
 - (ii) Is an "insured" under any additional insured endorsement issued by us as part of this policy;
- (c) That is available to the "insured" when the "insured" is an additional insured, or is any other insured that does not qualify as a named insured, under such other insurance; or
- (d) That is available to any person or organization that:
 - (i) Is an "insured" under Paragraph e. of the definition of "insured"; or
 - (ii) Is an "insured" under any additional insured endorsement issued by us as part of this policy.

However, if the "named insured" specifically agrees in a written contract or agreement that the insurance provided to such person or organization must apply on a primary basis, or a primary and non-contributory basis, this insurance is primary to other insurance that is available to such person or organization which covers that person or organization as a named insured, and we will not share with that other insurance, provided that the "bodily injury", "property damage" or "pollution clean-up costs" for

which coverage is sought result from "pollution conditions" that commence after the written contract or agreement was signed by the "named insured".

- (3) When this insurance is excess, we will have no duty to defend the "insured" against any "claim" if any provider of other insurance has a duty to defend the "insured" against that "claim". But we will have the right to associate in the defense and control of any "claim" that we reasonably believe is likely to involve this insurance. If no provider of other insurance defends any "claim" for "loss" to which this insurance applies, we will undertake to do so, but we will be entitled to the "insured's" rights against all those providers of other insurance.
- (4) When this insurance is excess, we will pay only our share of the amount of the loss, if any, that exceeds the sum of:
 - (a) The total amount that all such other insurance would pay for the loss in the absence of this insurance; and
 - (b) The total of all deductible and self-insured amounts under all such other insurance.

SECTION III – DEFINITIONS

- 1. "Contractors Pollution Liability Coverage":
 - a. Means Contractors Pollution Liability Coverage.
 - b. Includes Contractors Pollution Liability coverage that is part of any policy that provides Contractors Pollution Liability coverage and any other coverage.
- 2. "Coverage territory" means anywhere in the world.
- 3. "Financial interest" means the insurable interest in a "foreign insured organization" because of:
 - a. Sole ownership of, or majority ownership interest in, such "foreign insured organization", either directly or through one or more intervening subsidiaries;
 - b. Indemnification of, or an obligation to indemnify:
 - (1) Such "foreign insured organization" for a "foreign pollution legal liability loss" or "foreign

- emergency response costs loss"; or
- (2) Any other "insured" for whom such "foreign insured organization" is liable for a "foreign pollution legal liability loss"; or
- c. An obligation to obtain insurance for such "foreign insured organization".
- 4. "Foreign emergency response costs loss" means "loss" that is "emergency response costs" incurred by or on behalf of any "named insured" and to which Emergency Response Costs of this insurance would have applied but for the fact that such "named insured" is located in any country or jurisdiction in which we are not licensed to provide this insurance and where providing this insurance would violate the laws or regulations of such country or jurisdiction.
- 5. "Foreign insured organization" means any organization that:
 - a. Is:
 - (1) An "insured" under Pollution Legal Liability; or
 - (2) A "named insured" under Emergency Response Costs; of this insurance; and
 - b. Is located in a country or jurisdiction in which we are not licensed to provide this insurance and where providing this insurance would violate the laws and regulations of such country or jurisdiction.
- 6. "Foreign pollution legal liability loss" means:
 - a. "Loss" the "insured" is legally obligated to pay and to which Pollution Legal Liability of this insurance would have applied; or
 - b. "Defense expenses" that we would have paid to defend the insured against any "claim" for "loss" that we would have defended under Pollution Legal Liability of this insurance; but for the fact that such "insured" is located in any country or jurisdiction in which we are not licensed to provide this insurance and where providing this insurance would violate the laws or regulations of such country or jurisdiction.
- 7. "Our first coverage inception date" means the date stated in Item 3. of the *Travelers ECP Custom* Declarations, which is the beginning date from which

POLLUTION LIABILITY

we, or any of our affiliated insurance companies, first provided to any "named insured" "Contractors Pollution Liability" coverage that requires the "bodily injury", "property damage" and "environmental damage" to occur during its policy period. If no "our first coverage inception date" is stated in the *Travelers ECP Custom* Declarations, "our first coverage inception date" will be deemed to be the first day of the "policy period".

- 8.** "Radioactive or nuclear material" means:
 - a.** Any radioactive material; and
 - b.** Any of the following materials defined in the Atomic Energy Act of 1954 or any of its amendments:
 - (1)** Source material;
 - (2)** Special nuclear material; or
 - (3)** By-product material.

POLICY NUMBER: **ZAWCI9449802**

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT - CALIFORNIA

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

You must maintain payroll records accurately segregating the remuneration of your employees while engaged in the work described in the Schedule.

The additional premium for this endorsement shall be _____ % of the California workers' compensation premium otherwise due on such remuneration.

SCHEDULE

PERSON OR ORGANIZATION

JOB DESCRIPTION

AS AGREED PER WRITTEN CONTRACT OR WRITTEN AGREEMENT

ALL JOBS UNDER CONTRACT

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated. (The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective **10-01-22** Policy No. **ZAWCI9449802**

Endorsement No. _____

Insured **SIERRA NEVADA CONSTRUCTION,**

Premium \$ **INCL.**

Insurance Company **ARCH INSURANCE COMPANY**

Countersigned By _____

DATE OF ISSUE: **10-01-22**

POLICY NUMBER: ZAWCI9449802

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

AS AGREED PER WRITTEN CONTRACT OR WRITTEN AGREEMENT

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.
(The information below is required only when this endorsement is issued subsequent to preparation of the policy.)

Endorsement Effective 10/01/2022 Policy No. ZAWCI9449802
Insured SIERRA NEVADA CONSTRUCTION, INC.
Insurance Company ARCH INSURANCE COMPANY

Endorsement No.
Premium INCL.

DATE OF ISSUE: 10-01-22

Countersigned By Shawna Murphy

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**BLANKET ADDITIONAL INSURED – PRIMARY AND
NON-CONTRIBUTORY WITH OTHER INSURANCE –
CONTRACTORS**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

PROVISIONS

1. The following is added to Paragraph **c.** in **A.1., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

This includes any person or organization who you are required under a written contract or agreement, that is signed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to name as an additional insured for Covered Autos Liability Coverage, but only for damages to which this insurance applies and only to the extent of that person's or organization's liability for the conduct of another "insured".

2. The following is added to Paragraph **B.5., Other Insurance** of **SECTION IV – BUSINESS AUTO CONDITIONS**:

Regardless of the provisions of paragraph **a.** and paragraph **d.** of this part **5. Other Insurance**, this insurance is primary to and non-contributory with applicable other insurance under which an additional insured person or organization is a named insured when a written contract or agreement with you, that is signed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, requires this insurance to be primary and non-contributory.

COMMERCIAL AUTO

such contract. The waiver applies only to the person or organization designated in such contract.

N. UNINTENTIONAL ERRORS OR OMISSIONS

The following is added to Paragraph B.2. Concealment, Misrepresentation, Or Fraud, of SECTION IV-BUSINESS AUTO CONDITIONS:

The unintentional omission of, or unintentional error in, any information given by you shall not prejudice your rights under this insurance. However this provision does not affect our right to collect additional premium or exercise our right of cancellation or non-renewal.

You agree to maintain all required or compulsory insurance in any such country up to the minimum limits required by local law. Your failure to comply with compulsory insurance requirements will not invalidate the coverage afforded by this policy, but we will only be liable to the same extent we would have been liable had you complied with the compulsory insurance requirements.

- (d) It is understood that we are not an admitted or authorized insurer outside the United States of America, its territories and possessions, Puerto Rico and Canada. We assume no responsibility for the furnishing of certificates of insurance, or for compliance in any way with the laws of other countries relating to insurance.

G. WAIVER OF DEDUCTIBLE - GLASS

The following is added to Paragraph **D., Deductible, of SECTION III - PHYSICAL DAMAGE COVERAGE** :

No deductible for a covered "auto" will apply to glass damage if the glass is repaired rather than replaced.

H. HIRED AUTO PHYSICAL DAMAGE - LOSS OF USE - INCREASED LIMIT

The following replaces the last sentence of Paragraph **A.4.b., Loss Of Use Expenses, of SECTION III - PHYSICAL DAMAGE COVERAGE** :

However, the most we will pay for any expenses for loss of use is \$65 per day, to a maximum of \$750 for any one "accident".

I. PHYSICAL DAMAGE - TRANSPORTATION EXPENSES - INCREASED LIMIT

The following replaces the first sentence in Paragraph **A.4.a., Transportation Expenses, of SECTION III - PHYSICAL DAMAGE COVERAGE** :

We will pay up to \$50 per day to a maximum of \$1,500 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type.

J. PERSONAL PROPERTY

The following is added to Paragraph **A.4., Coverage Extensions, of SECTION III - PHYSICAL DAMAGE COVERAGE** :

Personal Property

We will pay up to \$400 for "loss" to wearing apparel and other personal property which is:

- (1) Owned by an "insured"; and

- (2) In or on your covered "auto".

This coverage applies only in the event of a total theft of your covered "auto".

No deductibles apply to this Personal Property coverage .

K. AIRBAGS

The following is added to Paragraph **B.3., Exclusions, of SECTION III - PHYSICAL DAMAGE COVERAGE** :

Exclusion **3.a.** does not apply to "loss" to one or more airbags in a covered "auto" you own that inflate due to a cause other than a cause of "loss" set forth in Paragraphs **A.1.b.** and **A.1.c.**, but only:

- a. If that "auto" is a covered "auto" for Comprehensive Coverage under this policy;
- b. The airbags are not covered under any warranty; and
- c. The airbags were not intentionally inflated.

We will pay up to a maximum of \$1,000 for any one "loss".

L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS

The following is added to Paragraph **A.2.a., of SECTION IV - BUSINESS AUTO CONDITIONS** :

Your duty to give us or our authorized representative prompt notice of the "accident" or "loss" applies only when the "accident" or "loss" is known to:

- (a) You (if you are an individual);
- (b) A partner (if you are a partnership);
- (c) A member (if you are a limited liability company);
- (d) An executive officer, director or insurance manager (if you are a corporation or other organization); or
- (e) Any "employee" authorized by you to give notice of the "accident" or "loss".

M. BLANKET WAIVER OF SUBROGATION

The following replaces Paragraph **A.5., Transfer Of Rights Of Recovery Against Others To Us, of SECTION IV - BUSINESS AUTO CONDITIONS** :

5. Transfer Of Rights Of Recovery Against Others To Us

We waive any right of recovery we may have against any person or organization to the extent required of you by a written contract signed and executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of operations contemplated by

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permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

D. EMPLOYEES AS INSURED

The following is added to Paragraph A.1., Who Is An Insured, of SECTION II - COVERED AUTOS LIABILITY COVERAGE:

Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

E. SUPPLEMENTARY PAYMENTS - INCREASED LIMITS

1. The following replaces Paragraph A.2.a.(2), of SECTION II - COVERED AUTOS LIABILITY COVERAGE:

(2) Up to \$3,000 for cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.

2. The following replaces Paragraph A.2.a.(4), of SECTION II - COVERED AUTOS LIABILITY COVERAGE:

(4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to \$500 a day because of time off from work.

F. HIRED AUTO - LIMITED WORLDWIDE COVERAGE - INDEMNITY BASIS

The following replaces Subparagraph (5) in Paragraph B.7., Policy Period, Coverage Territory, of SECTION IV - BUSINESS AUTO CONDITIONS:

(5) Anywhere in the world, except any country or jurisdiction while any trade sanction, embargo, or similar regulation imposed by the United States of America applies to and prohibits the transaction of business with or within such country or jurisdiction, for Covered Autos Liability Coverage for any covered "auto" that you lease, hire, rent or borrow without a driver for a period of 30 days or less and that is not an "auto" you lease, hire, rent or borrow from any of your "employees", partners (if you are a partnership), members (if you are a limited liability company) or members of their households.

(a) With respect to any claim made or "suit" brought outside the United States of America, the territories and possessions of the United States of America, Puerto Rico and Canada:

(i) You must arrange to defend the "insured" against, and investigate or settle any such claim or "suit" and keep us advised of all proceedings and actions.

(ii) Neither you nor any other involved "insured" will make any settlement without our consent.

(iii) We may, at our discretion, participate in defending the "insured" against, or in the settlement of, any claim or "suit".

(iv) We will reimburse the "insured" for sums that the "insured" legally must pay as damages because of "bodily injury" or "property damage" to which this insurance applies, that the "insured" pays with our consent, but only up to the limit described in Paragraph C., Limits Of Insurance, of SECTION II - COVERED AUTOS LIABILITY COVERAGE.

(v) We will reimburse the "insured" for the reasonable expenses incurred with our consent for your investigation of such claims and your defense of the "insured" against any such "suit", but only up to and included within the limit described in Paragraph C., Limits Of Insurance, of SECTION II - COVERED AUTOS LIABILITY COVERAGE, and not in addition to such limit. Our duty to make such payments ends when we have used up the applicable limit of insurance in payments for damages, settlements or defense expenses.

(b) This insurance is excess over any valid and collectible other insurance available to the "insured" whether primary, excess, contingent or on any other basis.

(c) This insurance is not a substitute for required or compulsory insurance in any country outside the United States, its territories and possessions, Puerto Rico and Canada.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BUSINESS AUTO EXTENSION ENDORSEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

GENERAL DESCRIPTION OF COVERAGE - This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to the Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Limitations and exclusions may apply to these coverages. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- A. BROAD FORM NAMED INSURED
- B. BLANKET ADDITIONAL INSURED
- C. EMPLOYEE HIRED AUTO
- D. EMPLOYEES AS INSURED
- E. SUPPLEMENTARY PAYMENTS - INCREASED LIMITS
- F. HIRED AUTO - LIMITED WORLDWIDE COVERAGE - INDEMNITY BASIS
- G. WAIVER OF DEDUCTIBLE - GLASS
- H. HIRED AUTO PHYSICAL DAMAGE - LOSS OF USE - INCREASED LIMIT
- I. PHYSICAL DAMAGE - TRANSPORTATION EXPENSES - INCREASED LIMIT
- J. PERSONAL PROPERTY
- K. AIRBAGS
- L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS
- M. BLANKET WAIVER OF SUBROGATION
- N. UNINTENTIONAL ERRORS OR OMISSIONS

PROVISIONS

A. BROAD FORM NAMED INSURED

The following is added to Paragraph A.1., Who Is An Insured, of SECTION II - COVERED AUTOS LIABILITY COVERAGE:

Any organization you newly acquire or form during the policy period over which you maintain 50% or more ownership interest and that is not separately insured for Business Auto Coverage. Coverage under this provision is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier.

B. BLANKET ADDITIONAL INSURED

The following is added to Paragraph c. in A.1., Who Is An Insured, of SECTION II - COVERED AUTOS LIABILITY COVERAGE:

Any person or organization who is required under a written contract or agreement between you and that person or organization, that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to be named as an additional insured is an "insured" for Covered Autos Liability Coverage, but only for damages to which

this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Section II.

C. EMPLOYEE HIRED AUTO

1. The following is added to Paragraph A.1., Who Is An Insured, of SECTION II - COVERED AUTOS LIABILITY COVERAGE:

An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

2. The following replaces Paragraph b. in B.5., Other Insurance, of SECTION IV - BUSINESS AUTO CONDITIONS:

b. For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented by your "employee" under a contract in an "employee's" name, with your

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ELECTRONIC DATA LIABILITY COVERAGE

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

ELECTRONIC DATA LIABILITY SCHEDULE

Loss Of Electronic Data Limit \$ 1,000,000

PROVISIONS

1. The following replaces Exclusion **p.**, **Electronic Data**, in Paragraph 2. of **SECTION I – COVERAGES – COVERAGE A BODILY INJURY AND PROPERTY DAMAGE LIABILITY:**

p. Electronic Data

Damages arising out of the loss of, loss of use of, damage to, corruption of, inability to access, or inability to manipulate "electronic data" that does not result from physical injury to tangible property.

However, this exclusion does not apply to liability for damages because of "bodily injury".

2. The following is added to **SECTION III – LIMITS OF INSURANCE:**

Subject to Paragraph 5. above, the Loss of Electronic Data Limit shown in the Electronic Data Liability Schedule is the most we will pay under Coverage A for damages because of "property damage":

- a. Arising out of the loss of, loss of use of, damage to, corruption of, inability to access, or inability to manipulate "electronic data" that results from physical injury to tangible property; and
- b. Arising out of any one "occurrence".

If the Loss of Electronic Data Limit is left blank in the Electronic Data Liability Schedule, the Loss of Electronic Data Limit will be deemed to be equal to the Each Occurrence Limit or \$1,000,000, whichever is less.

3. The following replaces the definition of "property damage" in the **DEFINITIONS** Section:

"Property damage" means:

- a. Physical injury to tangible property, including all resulting loss of use of that property. All such loss of use will be deemed to occur at the time of the physical injury that caused it;
- b. Loss of use of tangible property that is not physically injured. All such loss of use will be deemed to occur at the time of the "occurrence" that caused it; or
- c. The loss of, loss of use of, damage to, corruption of, inability to access, or inability to properly manipulate "electronic data" that results from physical injury to tangible property. All such loss of, loss of use of, damage to, corruption of, inability to access or inability to properly manipulate "electronic data" will be deemed to occur at the time of the "occurrence" that caused it.

For the purposes of this insurance, "electronic data" is not tangible property.

2. Paragraph **f.(1)** of the definition of "insured contract" in the **DEFINITIONS** Section is deleted.

F. DAMAGE TO PREMISES RENTED TO YOU

The following replaces the definition of "premises damage" in the **DEFINITIONS** Section:

"Premises damage" means "property damage" to:

- a. Any premises while rented to you or temporarily occupied by you with permission of the owner; or
- b. The contents of any premises while such premises is rented to you, if you rent such premises for a period of seven or fewer consecutive days.

C. INCIDENTAL MEDICAL MALPRACTICE

1. The following replaces Paragraph **b.** of the definition of "occurrence" in the **DEFINITIONS** Section:

b. An act or omission committed in providing or failing to provide "incidental medical services", first aid or "Good Samaritan services" to a person, unless you are in the business or occupation of providing professional health care services.

2. The following replaces the last paragraph of Paragraph **2.a.(1)** of **SECTION II – WHO IS AN INSURED**:

Unless you are in the business or occupation of providing professional health care services, Paragraphs **(1)(a)**, **(b)**, **(c)** and **(d)** above do not apply to "bodily injury" arising out of providing or failing to provide:

(a) "Incidental medical services" by any of your "employees" who is a nurse, nurse assistant, emergency medical technician or paramedic; or

(b) First aid or "Good Samaritan services" by any of your "employees" or "volunteer workers", other than an employed or volunteer doctor. Any such "employees" or "volunteer workers" providing or failing to provide first aid or "Good Samaritan services" during their work hours for you will be deemed to be acting within the scope of their employment by you or performing duties related to the conduct of your business.

3. The following replaces the last sentence of Paragraph **5.** of **SECTION III – LIMITS OF INSURANCE**:

For the purposes of determining the applicable Each Occurrence Limit, all related acts or omissions committed in providing or failing to provide "incidental medical services", first aid or "Good Samaritan services" to any one person will be deemed to be one "occurrence".

4. The following exclusion is added to Paragraph **2.**, **Exclusions**, of **SECTION I – COVERAGES – COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY**:

Sale Of Pharmaceuticals

"Bodily injury" or "property damage" arising out of the violation of a penal statute or ordinance relating to the sale of

pharmaceuticals committed by, or with the knowledge or consent of, the insured.

5. The following is added to the **DEFINITIONS** Section:

"Incidental medical services" means:

a. Medical, surgical, dental, laboratory, x-ray or nursing service or treatment, advice or instruction, or the related furnishing of food or beverages; or

b. The furnishing or dispensing of drugs or medical, dental, or surgical supplies or appliances.

6. The following is added to Paragraph **4.b.**, **Excess Insurance**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:

This insurance is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to any of your "employees" for "bodily injury" that arises out of providing or failing to provide "incidental medical services" to any person to the extent not subject to Paragraph **2.a.(1)** of Section II – Who Is An Insured.

D. BLANKET WAIVER OF SUBROGATION

The following is added to Paragraph **8.**, **Transfer Of Rights Of Recovery Against Others To Us**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:

If the insured has agreed in a contract or agreement to waive that insured's right of recovery against any person or organization, we waive our right of recovery against such person or organization, but only for payments we make because of:

a. "Bodily injury" or "property damage" that occurs; or

b. "Personal and advertising injury" caused by an offense that is committed;

subsequent to the execution of the contract or agreement.

E. CONTRACTUAL LIABILITY – RAILROADS

1. The following replaces Paragraph **c.** of the definition of "insured contract" in the **DEFINITIONS** Section:

c. Any easement or license agreement;

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

XTEND ENDORSEMENT FOR CONTRACTORS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

GENERAL DESCRIPTION OF COVERAGE – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to this Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- | | |
|---|--|
| <ul style="list-style-type: none"> A. Who Is An Insured – Unnamed Subsidiaries B. Blanket Additional Insured – Governmental Entities – Permits Or Authorizations Relating To Operations | <ul style="list-style-type: none"> C. Incidental Medical Malpractice D. Blanket Waiver Of Subrogation E. Contractual Liability – Railroads F. Damage To Premises Rented To You |
|---|--|

PROVISIONS

A. WHO IS AN INSURED – UNNAMED SUBSIDIARIES

The following is added to **SECTION II – WHO IS AN INSURED**:

Any of your subsidiaries, other than a partnership, joint venture or limited liability company, that is not shown as a Named Insured in the Declarations is a Named Insured if:

- a.** You are the sole owner of, or maintain an ownership interest of more than 50% in, such subsidiary on the first day of the policy period; and
- b.** Such subsidiary is not an insured under similar other insurance.

No such subsidiary is an insured for "bodily injury" or "property damage" that occurred, or "personal and advertising injury" caused by an offense committed:

- a.** Before you maintained an ownership interest of more than 50% in such subsidiary; or
- b.** After the date, if any, during the policy period that you no longer maintain an ownership interest of more than 50% in such subsidiary.

For purposes of Paragraph 1. of Section II – Who Is An Insured, each such subsidiary will be deemed to be designated in the Declarations as:

- a.** An organization other than a partnership, joint venture or limited liability company; or

- b.** A trust;

as indicated in its name or the documents that govern its structure.

B. BLANKET ADDITIONAL INSURED – GOVERNMENTAL ENTITIES – PERMITS OR AUTHORIZATIONS RELATING TO OPERATIONS

The following is added to **SECTION II – WHO IS AN INSURED**:

Any governmental entity that has issued a permit or authorization with respect to operations performed by you or on your behalf and that you are required by any ordinance, law, building code or written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of such operations.

The insurance provided to such governmental entity does not apply to:

- a.** Any "bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the governmental entity; or
- b.** Any "bodily injury" or "property damage" included in the "products-completed operations hazard".

COMMERCIAL GENERAL LIABILITY

- (a) Immediately record the specifics of the claim or "suit" and the date received; and
 - (b) Notify us as soon as practicable and see to it that we receive written notice of the claim or "suit" as soon as practicable.
- (3) Immediately send us copies of all legal papers received in connection with the claim or "suit", cooperate with us in the investigation or settlement of the claim or defense against the "suit", and otherwise comply with all policy conditions.
- (4) Tender the defense and indemnity of any claim or "suit" to any provider of other insurance which would cover such additional insured for a loss we cover. However, this condition does not affect whether the insurance provided to such additional insured is primary to other insurance available to such additional insured which covers that person or organization as a named insured as described in Paragraph 4., Other Insurance, of Section IV – Commercial General Liability Conditions.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BLANKET ADDITIONAL INSURED
(Includes Products-Completed Operations If Required By Contract)

This endorsement modifies insurance provided under the following:
 COMMERCIAL GENERAL LIABILITY COVERAGE PART

PROVISIONS

The following is added to **SECTION II – WHO IS AN INSURED**:

Any person or organization that you agree in a written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only:

- a. With respect to liability for "bodily injury" or "property damage" that occurs, or for "personal injury" caused by an offense that is committed, subsequent to the signing of that contract or agreement and while that part of the contract or agreement is in effect; and
- b. If, and only to the extent that, such injury or damage is caused by acts or omissions of you or your subcontractor in the performance of "your work" to which the written contract or agreement applies. Such person or organization does not qualify as an additional insured with respect to the independent acts or omissions of such person or organization.

The insurance provided to such additional insured is subject to the following provisions:

- a. If the Limits of Insurance of this Coverage Part shown in the Declarations exceed the minimum limits required by the written contract or agreement, the insurance provided to the additional insured will be limited to such minimum required limits. For the purposes of determining whether this limitation applies, the minimum limits required by the written contract or agreement will be considered to include the minimum limits of any Umbrella or Excess liability coverage required for the additional insured by that written contract or agreement. This provision will not increase the limits of insurance described in Section III – Limits Of Insurance.
- b. The insurance provided to such additional insured does not apply to:

(1) Any "bodily injury", "property damage" or "personal injury" arising out of the providing, or failure to provide, any professional architectural, engineering or surveying services, including:

- (a) The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders or change orders, or the preparing, approving, or failing to prepare or approve, drawings and specifications; and
- (b) Supervisory, inspection, architectural or engineering activities.

(2) Any "bodily injury" or "property damage" caused by "your work" and included in the "products-completed operations hazard" unless the written contract or agreement specifically requires you to provide such coverage for that additional insured during the policy period.

c. The additional insured must comply with the following duties:

- (1) Give us written notice as soon as practicable of an "occurrence" or an offense which may result in a claim. To the extent possible, such notice should include:
 - (a) How, when and where the "occurrence" or offense took place;
 - (b) The names and addresses of any injured persons and witnesses; and
 - (c) The nature and location of any injury or damage arising out of the "occurrence" or offense.
- (2) If a claim is made or "suit" is brought against the additional insured:

COMMERCIAL GENERAL LIABILITY

c. Method Of Sharing

If all of the other insurance permits contribution by equal shares, we will follow this method also. Under this approach each insurer contributes equal amounts until it has paid its applicable limit of insurance or none of the loss remains, whichever comes first.

If any of the other insurance does not permit contribution by equal shares, we will contribute by limits. Under this method, each insurer's share is based on the ratio of its applicable limit of insurance to the total applicable limits of insurance of all insurers.

d. Primary And Non-Contributory Insurance If Required By Written Contract

If you specifically agree in a written contract or agreement that the insurance afforded to an insured under this Coverage Part must apply on a primary basis, or a primary and non-contributory basis, this insurance is primary to other insurance that is available to such insured which covers such insured as a named insured, and we will not share with that other insurance, provided that:

- (1) The "bodily injury" or "property damage" for which coverage is sought occurs; and
- (2) The "personal and advertising injury" for which coverage is sought is caused by an offense that is committed;

subsequent to the signing of that contract or agreement by you.

5. Premium Audit

- a. We will compute all premiums for this Coverage Part in accordance with our rules and rates.
- b. Premium shown in this Coverage Part as advance premium is a deposit premium only. At the close of each audit period we will compute the earned premium for that period and send notice to the first Named Insured. The due date for audit and retrospective premiums is the date shown as the due date on the bill. If the sum of the advance and audit premiums paid for the policy period is greater than the earned premium, we will return the excess to the first Named Insured.
- c. The first Named Insured must keep records of the information we need for premium computation, and send us copies at such times as we may request.

6. Representations

By accepting this policy, you agree:

- a. The statements in the Declarations are accurate and complete;
- b. Those statements are based upon representations you made to us; and
- c. We have issued this policy in reliance upon your representations.

The unintentional omission of, or unintentional error in, any information provided by you which we relied upon in issuing this policy will not prejudice your rights under this insurance. However, this provision does not affect our right to collect additional premium or to exercise our rights of cancellation or nonrenewal in accordance with applicable insurance laws or regulations.

7. Separation Of Insureds

Except with respect to the Limits of Insurance, and any rights or duties specifically assigned in this Coverage Part to the first Named Insured, this insurance applies:

- a. As if each Named Insured were the only Named Insured; and
- b. Separately to each insured against whom claim is made or "suit" is brought.

8. Transfer Of Rights Of Recovery Against Others To Us

If the insured has rights to recover all or part of any payment we have made under this Coverage Part, those rights are transferred to us. The insured must do nothing after loss to impair them. At our request, the insured will bring "suit" or transfer those rights to us and help us enforce them.

9. When We Do Not Renew

If we decide not to renew this Coverage Part, we will mail or deliver to the first Named Insured shown in the Declarations written notice of the nonrenewal not less than 30 days before the expiration date.

If notice is mailed, proof of mailing will be sufficient proof of notice.

SECTION V – DEFINITIONS

1. "Advertisement" means a notice that is broadcast or published to the general public or specific market segments about your goods, products or services for the purpose of attracting customers or supporters. For the purposes of this definition:
 - a. Notices that are published include material placed on the Internet or on similar electronic means of communication; and
 - b. Regarding websites, only that part of a website that is about your goods, products or services for the purposes of attracting customers or supporters is considered an advertisement.

- a. We have used up the applicable limit of insurance in the payment of judgments, settlements or medical expenses; or
- b. The conditions set forth above, or the terms of the agreement described in Paragraph f. above, are no longer met.

SECTION II – WHO IS AN INSURED

- 1. If you are designated in the Declarations as:
 - a. An individual, you and your spouse are insureds, but only with respect to the conduct of a business of which you are the sole owner.
 - b. A partnership or joint venture, you are an insured. Your members, your partners, and their spouses are also insureds, but only with respect to the conduct of your business.
 - c. A limited liability company, you are an insured. Your members are also insureds, but only with respect to the conduct of your business. Your managers are insureds, but only with respect to their duties as your managers.
 - d. An organization other than a partnership, joint venture or limited liability company, you are an insured. Your "executive officers" and directors are insureds, but only with respect to their duties as your officers or directors. Your stockholders are also insureds, but only with respect to their liability as stockholders.
 - e. A trust, you are an insured. Your trustees are also insureds, but only with respect to their duties as trustees.

- 2. Each of the following is also an insured:
 - a. Your "volunteer workers" only while performing duties related to the conduct of your business, or your "employees", other than either your "executive officers" (if you are an organization other than a partnership, joint venture or limited liability company) or your managers (if you are a limited liability company), but only for acts within the scope of their employment by you or while performing duties related to the conduct of your business. However, none of these "employees" or "volunteer workers" are insureds for:

- (1) "Bodily injury" or "personal injury":
 - (a) To you, to your partners or members (if you are a partnership or joint venture), to your members (if you are a limited liability company), to a co-"employee" while in the course of his or her employment or performing duties related to the conduct of your business, or to your other "volunteer

workers" while performing duties related to the conduct of your business;

- (b) To the spouse, child, parent, brother or sister of that co-"employee" or "volunteer worker" as a consequence of Paragraph (1)(a) above;
- (c) For which there is any obligation to share damages with or repay someone else who must pay damages because of the injury described in Paragraph (1)(a) or (b) above; or
- (d) Arising out of his or her providing or failing to provide professional health care services.

Unless you are in the business or occupation of providing professional health care services, Paragraphs (1)(a), (b), (c) and (d) above do not apply to "bodily injury" arising out of providing or failing to provide first aid or "Good Samaritan services" by any of your "employees" or "volunteer workers", other than an employed or volunteer doctor. Any such "employees" or "volunteer workers" providing or failing to provide first aid or "Good Samaritan services" during their work hours for you will be deemed to be acting within the scope of their employment by you or performing duties related to the conduct of your business.

- (2) "Property damage" to property:
 - (a) Owned, occupied or used by;
 - (b) Rented to, in the care, custody or control of, or over which physical control is being exercised for any purpose by;
 - you, any of your "employees", "volunteer workers", any partner or member (if you are a partnership or joint venture), or any member (if you are a limited liability company).
- b. Any person (other than your "employee" or "volunteer worker"), or any organization, while acting as your real estate manager.
- c. Any person or organization having proper temporary custody of your property if you die, but only:
 - (1) With respect to liability arising out of the maintenance or use of that property; and
 - (2) Until your legal representative has been appointed.

COMMERCIAL GENERAL LIABILITY

- d. Your legal representative if you die, but only with respect to duties as such. That representative will have all your rights and duties under this Coverage Part.
 - e. Any person or organization that, with your express or implied consent, either uses or is responsible for the use of a watercraft that you do not own that is:
 - (1) 50 feet long or less; and
 - (2) Not being used to carry any person or property for a charge.
3. Any organization you newly acquire or form, other than a partnership, joint venture or limited liability company, and of which you are the sole owner or in which you maintain an ownership interest of more than 50%, will qualify as a Named Insured if there is no other similar insurance available to that organization. However:
- a. Coverage under this provision is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier;
 - b. Coverage **A** does not apply to "bodily injury" or "property damage" that occurred before you acquired or formed the organization; and
 - c. Coverage **B** does not apply to "personal and advertising injury" arising out of an offense committed before you acquired or formed the organization.

For the purposes of Paragraph 1. of Section II – Who Is An Insured, each such organization will be deemed to be designated in the Declarations as:

- a. An organization, other than a partnership, joint venture or limited liability company; or
 - b. A trust;
- as indicated in its name or the documents that govern its structure.
4. Any person or organization that is a premises owner, manager or lessor and that you have agreed in a written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" that:
- a. Is "bodily injury" or "property damage" that occurs, or is "personal and advertising injury" caused by an offense that is committed, subsequent to the signing of that contract or agreement; and

- b. Arises out of the ownership, maintenance or use of that part of any premises leased to you.

The insurance provided to such premises owner, manager or lessor is subject to the following provisions:

- a. The limits of insurance provided to such premises owner, manager or lessor will be the minimum limits that you agreed to provide in the written contract or agreement, or the limits shown in the Declarations, whichever are less.
 - b. The insurance provided to such premises owner, manager or lessor does not apply to:
 - (1) Any "bodily injury" or "property damage" that occurs, or "personal and advertising injury" caused by an offense that is committed, after you cease to be a tenant in that premises; or
 - (2) Structural alterations, new construction or demolition operations performed by or on behalf of such premises owner, manager or lessor.
5. Any person or organization that is an equipment lessor and that you have agreed in a written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage", or "personal and advertising injury" that:
- a. Is "bodily injury" or "property damage" that occurs, or is "personal and advertising injury" caused by an offense that is committed, subsequent to the signing of that contract or agreement; and
 - b. Is caused, in whole or in part, by your acts or omissions in the maintenance, operation or use of equipment leased to you by such equipment lessor.

The insurance provided to such equipment lessor is subject to the following provisions:

- a. The limits of insurance provided to such equipment lessor will be the minimum limits that you agreed to provide in the written contract or agreement, or the limits shown in the Declarations, whichever are less.
- b. The insurance provided to such equipment lessor does not apply to any "bodily injury" or "property damage" that occurs, or "personal and advertising injury" caused by an offense that is committed, after the equipment lease expires.

No person or organization is an insured with respect to the conduct of any current or past partnership, joint

venture or limited liability company that is not shown as a Named Insured in the Declarations. This paragraph does not apply to any such partnership, joint venture or limited liability company that otherwise qualifies as an insured under Section II – Who Is An Insured.

SECTION III – LIMITS OF INSURANCE

1. The Limits of Insurance shown in the Declarations and the rules below fix the most we will pay regardless of the number of:
 - a. Insureds;
 - b. Claims made or "suits" brought; or
 - c. Persons or organizations making claims or bringing "suits".
2. The General Aggregate Limit is the most we will pay for the sum of:
 - a. Medical expenses under Coverage C;
 - b. Damages under Coverage A, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard"; and
 - c. Damages under Coverage B.
3. The Products-Completed Operations Aggregate Limit is the most we will pay under Coverage A for damages because of "bodily injury" and "property damage" included in the "products-completed operations hazard".
4. Subject to Paragraph 2. above, the Personal And Advertising Injury Limit is the most we will pay under Coverage B for the sum of all damages because of all "personal injury" and "advertising injury" sustained by any one person or organization.
5. Subject to Paragraph 2. or 3. above, whichever applies, the Each Occurrence Limit is the most we will pay for the sum of:
 - a. Damages under Coverage A; and
 - b. Medical expenses under Coverage C;

because of all "bodily injury" and "property damage" arising out of any one "occurrence".

For the purposes of determining the applicable Each Occurrence Limit, all related acts or omissions committed in providing or failing to provide first aid or "Good Samaritan services" to any one person will be deemed to be one "occurrence".
6. Subject to Paragraph 5. above, the Damage To Premises Rented To You Limit is the most we will pay under Coverage A for damages because of "premises damage" to any one premises. The Damage To Premises Rented To You Limit will be:

- a. The amount shown for the Damage To Premises Rented To You Limit in the Declarations of this Coverage Part; or
 - b. \$300,000 if no amount is shown for the Damage To Premises Rented To You Limit in the Declarations of this Coverage Part.
7. Subject to Paragraph 5. above, the Medical Expense Limit is the most we will pay under Coverage C for all medical expenses because of "bodily injury" sustained by any one person.

The Limits of Insurance of this Coverage Part apply separately to each consecutive annual period and to any remaining period of less than 12 months, starting with the beginning of the policy period shown in the Declarations, unless the policy period is extended after issuance for an additional period of less than 12 months. In that case, the additional period will be deemed part of the last preceding period for purposes of determining the Limits of Insurance.

SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS

1. Bankruptcy

Bankruptcy or insolvency of the insured or of the insured's estate will not relieve us of our obligations under this Coverage Part.

2. Duties In The Event Of Occurrence, Offense, Claim Or Suit

- a. You must see to it that we are notified as soon as practicable of an "occurrence" or an offense which may result in a claim. To the extent possible, notice should include:
 - (1) How, when and where the "occurrence" or offense took place;
 - (2) The names and addresses of any injured persons and witnesses; and
 - (3) The nature and location of any injury or damage arising out of the "occurrence" or offense.
- b. If a claim is made or "suit" is brought against any insured, you must:
 - (1) Immediately record the specifics of the claim or "suit" and the date received; and
 - (2) Notify us as soon as practicable.

You must see to it that we receive written notice of the claim or "suit" as soon as practicable.
- c. You and any other involved insured must:
 - (1) Immediately send us copies of any demands, notices, summonses or legal papers received in connection with the claim or "suit";



EVIDENCE OF PROPERTY INSURANCE

DATE (MM/DD/YYYY)

4/26/2023

THIS EVIDENCE OF PROPERTY INSURANCE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE ADDITIONAL INTEREST NAMED BELOW. THIS EVIDENCE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS EVIDENCE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE ADDITIONAL INTEREST.

| | | |
|--|---|--|
| AGENCY L/P Insurance Services LLC 300 East 2nd Street Suite 1300 Reno NV 89501 | PHONE (A/C. No. Ext): (775)996-6000 | COMPANY Travelers Property Casualty Co of America |
| FAX (A/C. No.): (775)473-9288 | E-MAIL ADDRESS: mary.hearron@lpins.net | |
| CODE: 0CWV32 | SUB CODE: | |
| AGENCY CUSTOMER ID #: 00000290 | | |
| INSURED Sierra Nevada Construction, Inc. P O Box 50760 Sparks NV 89435 | LOAN NUMBER | POLICY NUMBER QT6304H597086TIL22 |
| | EFFECTIVE DATE 7/1/2022 | EXPIRATION DATE 7/1/2023 |
| | <input type="checkbox"/> CONTINUED UNTIL TERMINATED IF CHECKED | |
| THIS REPLACES PRIOR EVIDENCE DATED: | | |

PROPERTY INFORMATION

LOCATION/DESCRIPTION

Job #58259 Incline Village GID - Mt. Golf Course Path Restoration Ph II
Reporting Form Builders Risk

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS EVIDENCE OF PROPERTY INSURANCE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

COVERAGE INFORMATION

| COVERAGE / PERILS / FORMS | AMOUNT OF INSURANCE | DEDUCTIBLE |
|---|---------------------|------------|
| Builders Risk - Any Job Site - Special Form, Replacement Cost | 5,000,000 | 1,000 |
| Builders Risk - Any Job Site - Flood, Replacement Cost | 5,000,000 | 50,000 |
| Builders Risk - Any Job Site - Earthquake, Replacement Cost | 5,000,000 | 25,000 |

REMARKS (Including Special Conditions)

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

ADDITIONAL INTEREST

| | | | |
|---|--|-------------------------------------|--------------------|
| NAME AND ADDRESS Incline Village General Improvement District (IVGID) 893 Southwood Boulevard Incline Village, NV 89451 | MORTGAGEE | <input checked="" type="checkbox"/> | ADDITIONAL INSURED |
| | LOSS PAYEE | <input type="checkbox"/> | |
| | LOAN # | | |
| | AUTHORIZED REPRESENTATIVE Mary Hearron/MARY | | |

SECTION 9 - GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT

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STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT

ARTICLE 1—DEFINITIONS AND TERMINOLOGY

1.01 *Defined Terms*

- A. Wherever used in the Bidding Requirements or Contract Documents, a term printed with initial capital letters, including the term's singular and plural forms, will have the meaning indicated in the definitions below. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
 2. *Agreement*—The written instrument, executed by Owner and Contractor, that sets forth the Contract Price and Contract Times, identifies the parties and the Engineer, and designates the specific items that are Contract Documents.
 3. *Application for Payment*—The document prepared by Contractor, in a form acceptable to Engineer, to request progress or final payments, and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
 4. *Bid*—The offer of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
 5. *Bidder*—An individual or entity that submits a Bid to Owner.
 6. *Bidding Documents*—The Bidding Requirements, the proposed Contract Documents, and all Addenda.
 7. *Bidding Requirements*—The Advertisement or invitation to bid, Instructions to Bidders, Bid Bond or other Bid security, if any, the Bid Form, and the Bid with any attachments.
 8. *Change Order*—A document which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, or other revision to the Contract, issued on or after the Effective Date of the Contract.
 9. *Change Proposal*—A written request by Contractor, duly submitted in compliance with the procedural requirements set forth herein, seeking an adjustment in Contract Price or Contract Times; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; challenging a set-off against payments due; or seeking other relief with respect to the terms of the Contract.
 10. *Claim*
 - a. A demand or assertion by Owner directly to Contractor, duly submitted in compliance with the procedural requirements set forth herein, seeking an adjustment of Contract Price or Contract Times; contesting an initial decision by Engineer concerning the requirements of the Contract Documents or the acceptability of Work under the Contract Documents; contesting Engineer's decision regarding a Change Proposal;

- seeking resolution of a contractual issue that Engineer has declined to address; or seeking other relief with respect to the terms of the Contract.
- b. A demand or assertion by Contractor directly to Owner, duly submitted in compliance with the procedural requirements set forth herein, contesting Engineer's decision regarding a Change Proposal, or seeking resolution of a contractual issue that Engineer has declined to address.
 - c. A demand or assertion by Owner or Contractor, duly submitted in compliance with the procedural requirements set forth herein, made pursuant to Paragraph 12.01.A.4, concerning disputes arising after Engineer has issued a recommendation of final payment.
 - d. A demand for money or services by a third party is not a Claim.
11. *Constituent of Concern*—Asbestos, petroleum, radioactive materials, polychlorinated biphenyls (PCBs), lead-based paint (as defined by the HUD/EPA standard), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to Laws and Regulations regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
12. *Contract*—The entire and integrated written contract between Owner and Contractor concerning the Work.
13. *Contract Documents*—Those items so designated in the Agreement, and which together comprise the Contract.
14. *Contract Price*—The money that Owner has agreed to pay Contractor for completion of the Work in accordance with the Contract Documents.
15. *Contract Times*—The number of days or the dates by which Contractor shall: (a) achieve Milestones, if any; (b) achieve Substantial Completion; and (c) complete the Work.
16. *Contractor*—The individual or entity with which Owner has contracted for performance of the Work.
17. *Cost of the Work*—See Paragraph 13.01 for definition.
18. *Drawings*—The part of the Contract that graphically shows the scope, extent, and character of the Work to be performed by Contractor.
19. *Effective Date of the Contract*—The date, indicated in the Agreement, on which the Contract becomes effective.
20. *Electronic Document*—Any Project-related correspondence, attachments to correspondence, data, documents, drawings, information, or graphics, including but not limited to Shop Drawings and other Submittals, that are in an electronic or digital format.
21. *Electronic Means*—Electronic mail (email), upload/download from a secure Project website, or other communications methods that allow: (a) the transmission or communication of Electronic Documents; (b) the documentation of transmissions, including sending and receipt; (c) printing of the transmitted Electronic Document by the recipient; (d) the storage and archiving of the Electronic Document by sender and recipient; and (e) the use by recipient of the Electronic Document for purposes permitted by this Contract. Electronic Means does not include the use of text messaging, or of Facebook, Twitter, Instagram, or similar social media services for transmission of Electronic Documents.

22. *Engineer*—The individual or entity named as such in the Agreement.
23. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but does not change the Contract Price or the Contract Times.
24. *Hazardous Environmental Condition*—The presence at the Site of Constituents of Concern in such quantities or circumstances that may present a danger to persons or property exposed thereto.
 - a. The presence at the Site of materials that are necessary for the execution of the Work, or that are to be incorporated into the Work, and that are controlled and contained pursuant to industry practices, Laws and Regulations, and the requirements of the Contract, is not a Hazardous Environmental Condition.
 - b. The presence of Constituents of Concern that are to be removed or remediated as part of the Work is not a Hazardous Environmental Condition.
 - c. The presence of Constituents of Concern as part of the routine, anticipated, and obvious working conditions at the Site, is not a Hazardous Environmental Condition.
25. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and binding decrees, resolutions, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
26. *Liens*—Charges, security interests, or encumbrances upon Contract-related funds, real property, or personal property.
27. *Milestone*—A principal event in the performance of the Work that the Contract requires Contractor to achieve by an intermediate completion date, or by a time prior to Substantial Completion of all the Work.
28. *Notice of Award*—The written notice by Owner to a Bidder of Owner’s acceptance of the Bid.
29. *Notice to Proceed*—A written notice by Owner to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work.
30. *Owner*—The individual or entity with which Contractor has contracted regarding the Work, and which has agreed to pay Contractor for the performance of the Work, pursuant to the terms of the Contract.
31. *Progress Schedule*—A schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising Contractor’s plan to accomplish the Work within the Contract Times.
32. *Project*—The total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the Work to be performed under the Contract Documents is a part.
33. *Resident Project Representative*—The authorized representative of Engineer assigned to assist Engineer at the Site. As used herein, the term Resident Project Representative (RPR) includes any assistants or field staff of Resident Project Representative.
34. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and that establish the standards by which such portion of the Work will be judged.

35. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements for Engineer’s review of the submittals.
36. *Schedule of Values*—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor’s Applications for Payment.
37. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information that are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work. Shop Drawings, whether approved or not, are not Drawings and are not Contract Documents.
38. *Site*—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands or areas furnished by Owner which are designated for the use of Contractor.

See SC-1.01

39. *Specifications*—The part of the Contract that consists of written requirements for materials, equipment, systems, standards, and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable to the Work.
40. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work.
41. *Submittal*—A written or graphic document, prepared by or for Contractor, which the Contract Documents require Contractor to submit to Engineer, or that is indicated as a Submittal in the Schedule of Submittals accepted by Engineer. Submittals may include Shop Drawings and Samples; schedules; product data; Owner-delegated designs; sustainable design information; information on special procedures; testing plans; results of tests and evaluations, source quality-control testing and inspections, and field or Site quality-control testing and inspections; warranties and certifications; Suppliers’ instructions and reports; records of delivery of spare parts and tools; operations and maintenance data; Project photographic documentation; record documents; and other such documents required by the Contract Documents. Submittals, whether or not approved or accepted by Engineer, are not Contract Documents. Change Proposals, Change Orders, Claims, notices, Applications for Payment, and requests for interpretation or clarification are not Submittals.
42. *Substantial Completion*—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms “substantially complete” and “substantially completed” as applied to all or part of the Work refer to Substantial Completion of such Work.
43. *Successful Bidder*—The Bidder to which the Owner makes an award of contract.
44. *Supplementary Conditions*—The part of the Contract that amends or supplements these General Conditions.
45. *Supplier*—A manufacturer, fabricator, supplier, distributor, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or a Subcontractor.

46. *Technical Data*

- a. Those items expressly identified as Technical Data in the Supplementary Conditions, with respect to either (1) existing subsurface conditions at or adjacent to the Site, or existing physical conditions at or adjacent to the Site including existing surface or subsurface structures (except Underground Facilities) or (2) Hazardous Environmental Conditions at the Site.
- b. If no such express identifications of Technical Data have been made with respect to conditions at the Site, then Technical Data is defined, with respect to conditions at the Site under Paragraphs 5.03, 5.04, and 5.06, as the data contained in boring logs, recorded measurements of subsurface water levels, assessments of the condition of subsurface facilities, laboratory test results, and other factual, objective information regarding conditions at the Site that are set forth in any geotechnical, environmental, or other Site or facilities conditions report prepared for the Project and made available to Contractor.
- c. Information and data regarding the presence or location of Underground Facilities are not intended to be categorized, identified, or defined as Technical Data, and instead Underground Facilities are shown or indicated on the Drawings.

47. *Underground Facilities*—All active or not-in-service underground lines, pipelines, conduits, ducts, encasements, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or systems at the Site, including but not limited to those facilities or systems that produce, transmit, distribute, or convey telephone or other communications, cable television, fiber optic transmissions, power, electricity, light, heat, gases, oil, crude oil products, liquid petroleum products, water, steam, waste, wastewater, storm water, other liquids or chemicals, or traffic or other control systems. An abandoned facility or system is not an Underground Facility.

48. *Unit Price Work*—Work to be paid for on the basis of unit prices.

49. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Contract Documents.

50. *Work Change Directive*—A written directive to Contractor issued on or after the Effective Date of the Contract, signed by Owner and recommended by Engineer, ordering an addition, deletion, or revision in the Work.

1.02 *Terminology*

- A. The words and terms discussed in Paragraphs 1.02.B, C, D, and E are not defined terms that require initial capital letters, but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.
- B. *Intent of Certain Terms or Adjectives*: The Contract Documents include the terms “as allowed,” “as approved,” “as ordered,” “as directed” or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives “reasonable,” “suitable,” “acceptable,” “proper,” “satisfactory,” or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the

design concept of the Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Article 10 or any other provision of the Contract Documents.

- C. *Day*: The word “day” means a calendar day of 24 hours measured from midnight to the next midnight.
- D. *Defective*: The word “defective,” when modifying the word “Work,” refers to Work that is unsatisfactory, faulty, or deficient in that it:
 - 1. does not conform to the Contract Documents;
 - 2. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or
 - 3. has been damaged prior to Engineer’s recommendation of final payment (unless responsibility for the protection thereof has been assumed by Owner at Substantial Completion in accordance with Paragraph 15.03 or Paragraph 15.04).
- E. *Furnish, Install, Perform, Provide*
 - 1. The word “furnish,” when used in connection with services, materials, or equipment, means to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
 - 2. The word “install,” when used in connection with services, materials, or equipment, means to put into use or place in final position said services, materials, or equipment complete and ready for intended use.
 - 3. The words “perform” or “provide,” when used in connection with services, materials, or equipment, means to furnish and install said services, materials, or equipment complete and ready for intended use.
 - 4. If the Contract Documents establish an obligation of Contractor with respect to specific services, materials, or equipment, but do not expressly use any of the four words “furnish,” “install,” “perform,” or “provide,” then Contractor shall furnish and install said services, materials, or equipment complete and ready for intended use.
- F. *Contract Price or Contract Times*: References to a change in “Contract Price or Contract Times” or “Contract Times or Contract Price” or similar, indicate that such change applies to (1) Contract Price, (2) Contract Times, or (3) both Contract Price and Contract Times, as warranted, even if the term “or both” is not expressed.
- G. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2—PRELIMINARY MATTERS

2.01 *Delivery of Performance and Payment Bonds; Evidence of Insurance*

- A. *Performance and Payment Bonds*: When Contractor delivers the signed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner the performance bond and payment bond (if the Contract requires Contractor to furnish such bonds).

- B. *Evidence of Contractor's Insurance:* When Contractor delivers the signed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner, with copies to each additional insured (as identified in the Contract), the certificates, endorsements, and other evidence of insurance required to be provided by Contractor in accordance with Article 6, except to the extent the Supplementary Conditions expressly establish other dates for delivery of specific insurance policies.
- C. *Evidence of Owner's Insurance:* After receipt of the signed counterparts of the Agreement and all required bonds and insurance documentation, Owner shall promptly deliver to Contractor, with copies to each additional insured (as identified in the Contract), the certificates and other evidence of insurance required to be provided by Owner under Article 6.

See SC-2.01

2.02 *Copies of Documents*

- A. Owner shall furnish to Contractor four printed copies of the Contract (including one fully signed counterpart of the Agreement), and one copy in electronic portable document format (PDF). Additional printed copies will be furnished upon request at the cost of reproduction.

See SC-2.02

- B. Owner shall maintain and safeguard at least one original printed record version of the Contract, including Drawings and Specifications signed and sealed by Engineer and other design professionals. Owner shall make such original printed record version of the Contract available to Contractor for review. Owner may delegate the responsibilities under this provision to Engineer.

2.03 *Before Starting Construction*

- A. *Preliminary Schedules:* Within 10 days after the Effective Date of the Contract (or as otherwise required by the Contract Documents), Contractor shall submit to Engineer for timely review:
 - 1. a preliminary Progress Schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract;
 - 2. a preliminary Schedule of Submittals; and
 - 3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

2.04 *Preconstruction Conference; Designation of Authorized Representatives*

- A. Before any Work at the Site is started, a conference attended by Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties as to the Work, and to discuss the schedules referred to in Paragraph 2.03.A, procedures for handling Shop Drawings, Samples, and other Submittals, processing Applications for Payment, electronic or digital transmittals, and maintaining required records.
- B. At this conference Owner and Contractor each shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit and receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party.

2.05 *Acceptance of Schedules*

- A. At least 10 days before submission of the first Application for Payment a conference, attended by Contractor, Engineer, and others as appropriate, will be held to review the schedules submitted in accordance with Paragraph 2.03.A. No progress payment will be made to Contractor until acceptable schedules are submitted to Engineer.
 - 1. The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
 - 2. Contractor's Schedule of Submittals will be acceptable to Engineer if it provides a workable arrangement for reviewing and processing the required submittals.
 - 3. Contractor's Schedule of Values will be acceptable to Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to the component parts of the Work.
 - 4. If a schedule is not acceptable, Contractor will have an additional 10 days to revise and resubmit the schedule.

2.06 *Electronic Transmittals*

- A. Except as otherwise stated elsewhere in the Contract, the Owner, Engineer, and Contractor may send, and shall accept, Electronic Documents transmitted by Electronic Means.
- B. If the Contract does not establish protocols for Electronic Means, then Owner, Engineer, and Contractor shall jointly develop such protocols.
- C. Subject to any governing protocols for Electronic Means, when transmitting Electronic Documents by Electronic Means, the transmitting party makes no representations as to long-term compatibility, usability, or readability of the Electronic Documents resulting from the recipient's use of software application packages, operating systems, or computer hardware differing from those used in the drafting or transmittal of the Electronic Documents.

ARTICLE 3—CONTRACT DOCUMENTS: INTENT, REQUIREMENTS, REUSE

3.01 *Intent*

- A. The Contract Documents are complementary; what is required by one Contract Document is as binding as if required by all.
- B. It is the intent of the Contract Documents to describe a functionally complete Project (or part thereof) to be constructed in accordance with the Contract Documents.
- C. ~~Unless otherwise stated in the Contract Documents, if there is a discrepancy between the electronic versions of the Contract Documents (including any printed copies derived from such electronic versions) and the printed record version, the printed record version will govern.~~

See SC-3.01

- D. The Contract supersedes prior negotiations, representations, and agreements, whether written or oral.
- E. Engineer will issue clarifications and interpretations of the Contract Documents as provided herein.

- F. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation will be deemed stricken, and all remaining provisions will continue to be valid and binding upon Owner and Contractor, which agree that the Contract Documents will be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.
- G. Nothing in the Contract Documents creates:
 - 1. any contractual relationship between Owner or Engineer and any Subcontractor, Supplier, or other individual or entity performing or furnishing any of the Work, for the benefit of such Subcontractor, Supplier, or other individual or entity; or
 - 2. any obligation on the part of Owner or Engineer to pay or to see to the payment of any money due any such Subcontractor, Supplier, or other individual or entity, except as may otherwise be required by Laws and Regulations.

3.02 *Reference Standards*

A. *Standards Specifications, Codes, Laws and Regulations*

- 1. Reference in the Contract Documents to standard specifications, manuals, reference standards, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, means the standard specification, manual, reference standard, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Contract if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.
- 2. No provision of any such standard specification, manual, reference standard, or code, and no instruction of a Supplier, will be effective to change the duties or responsibilities of Owner, Contractor, or Engineer from those set forth in the part of the Contract Documents prepared by or for Engineer. No such provision or instruction shall be effective to assign to Owner or Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility inconsistent with the provisions of the part of the Contract Documents prepared by or for Engineer.

3.03 *Reporting and Resolving Discrepancies*

A. *Reporting Discrepancies*

- 1. *Contractor's Verification of Figures and Field Measurements:* Before undertaking each part of the Work, Contractor shall carefully study the Contract Documents, and check and verify pertinent figures and dimensions therein, particularly with respect to applicable field measurements. Contractor shall promptly report in writing to Engineer any conflict, error, ambiguity, or discrepancy that Contractor discovers, or has actual knowledge of, and shall not proceed with any Work affected thereby until the conflict, error, ambiguity, or discrepancy is resolved by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract issued pursuant to Paragraph 11.01.
- 2. *Contractor's Review of Contract Documents:* If, before or during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) actual field conditions, (c) any standard specification, manual, reference standard, or code, or (d) any instruction of any Supplier, then Contractor shall promptly report it to Engineer in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 7.15) until the conflict, error, ambiguity,

or discrepancy is resolved, by a clarification or interpretation by Engineer, or by an amendment or supplement to the Contract issued pursuant to Paragraph 11.01.

3. Contractor shall not be liable to Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Contractor had actual knowledge thereof.

B. Resolving Discrepancies

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the part of the Contract Documents prepared by or for Engineer take precedence in resolving any conflict, error, ambiguity, or discrepancy between such provisions of the Contract Documents and:
 - a. the provisions of any standard specification, manual, reference standard, or code, or the instruction of any Supplier (whether or not specifically incorporated by reference as a Contract Document); or
 - b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.04 Requirements of the Contract Documents

- A. During the performance of the Work and until final payment, Contractor and Owner shall submit to the Engineer in writing all matters in question concerning the requirements of the Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Contract Documents, as soon as possible after such matters arise. Engineer will be the initial interpreter of the requirements of the Contract Documents, and judge of the acceptability of the Work.
- B. Engineer will, with reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Contract Documents. Engineer's written clarification, interpretation, or decision will be final and binding on Contractor, unless it appeals by submitting a Change Proposal, and on Owner, unless it appeals by filing a Claim.
- C. If a submitted matter in question concerns terms and conditions of the Contract Documents that do not involve (1) the performance or acceptability of the Work under the Contract Documents, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, then Engineer will promptly notify Owner and Contractor in writing that Engineer is unable to provide a decision or interpretation. If Owner and Contractor are unable to agree on resolution of such a matter in question, either party may pursue resolution as provided in Article 12.

3.05 Reuse of Documents

- A. Contractor and its Subcontractors and Suppliers shall not:
 1. have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media versions, or reuse any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Owner and Engineer and specific written verification or adaptation by Engineer; or

2. have or acquire any title or ownership rights in any other Contract Documents, reuse any such Contract Documents for any purpose without Owner's express written consent, or violate any copyrights pertaining to such Contract Documents.
- B. The prohibitions of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein precludes Contractor from retaining copies of the Contract Documents for record purposes.

ARTICLE 4—COMMENCEMENT AND PROGRESS OF THE WORK

4.01 *Commencement of Contract Times; Notice to Proceed*

- A. The Contract Times will commence to run on the 30th day after the Effective Date of the Contract or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Contract. ~~In no event will the Contract Times commence to run later than the 60th day after the day of Bid opening or the 30th day after the Effective Date of the Contract, whichever date is earlier.~~

See SC-4.01

4.02 *Starting the Work*

- A. Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work may be done at the Site prior to such date.

4.03 *Reference Points*

- A. ~~Owner shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the Work.~~ Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of Owner. Contractor shall report to Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

See SC-4.03

4.04 *Progress Schedule*

- A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.05 as it may be adjusted from time to time as provided below.
1. Contractor shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.05) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times.
 2. Proposed adjustments in the Progress Schedule that will change the Contract Times must be submitted in accordance with the requirements of Article 11.
- B. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Owner. No Work will be delayed or postponed pending resolution of any disputes or disagreements, or during any appeal process, except as permitted by Paragraph 16.04, or as Owner and Contractor may otherwise agree in writing.

See SC-4.04

4.05 *Delays in Contractor's Progress*

- A. If Owner, Engineer, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times.
- B. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delay, disruption, or interference caused by or within the control of Contractor. Delay, disruption, and interference attributable to and within the control of a Subcontractor or Supplier shall be deemed to be within the control of Contractor.
- C. If Contractor's performance or progress is delayed, disrupted, or interfered with by unanticipated causes not the fault of and beyond the control of Owner, Contractor, and those for which they are responsible, then Contractor shall be entitled to an equitable adjustment in Contract Times. Such an adjustment will be Contractor's sole and exclusive remedy for the delays, disruption, and interference described in this paragraph. Causes of delay, disruption, or interference that may give rise to an adjustment in Contract Times under this paragraph include but are not limited to the following:
 - 1. Severe and unavoidable natural catastrophes such as fires, floods, epidemics, and earthquakes;
 - 2. Abnormal weather conditions;
 - 3. Acts or failures to act of third-party utility owners or other third-party entities (other than those third-party utility owners or other third-party entities performing other work at or adjacent to the Site as arranged by or under contract with Owner, as contemplated in Article 8); and
 - 4. Acts of war or terrorism.
- D. Contractor's entitlement to an adjustment of Contract Times or Contract Price is limited as follows:
 - 1. Contractor's entitlement to an adjustment of the Contract Times is conditioned on the delay, disruption, or interference adversely affecting an activity on the critical path to completion of the Work, as of the time of the delay, disruption, or interference.
 - 2. Contractor shall not be entitled to an adjustment in Contract Price for any delay, disruption, or interference if such delay is concurrent with a delay, disruption, or interference caused by or within the control of Contractor. Such a concurrent delay by Contractor shall not preclude an adjustment of Contract Times to which Contractor is otherwise entitled.
 - 3. Adjustments of Contract Times or Contract Price are subject to the provisions of Article 11.
- E. Each Contractor request or Change Proposal seeking an increase in Contract Times or Contract Price must be supplemented by supporting data that sets forth in detail the following:
 - 1. The circumstances that form the basis for the requested adjustment;
 - 2. The date upon which each cause of delay, disruption, or interference began to affect the progress of the Work;
 - 3. The date upon which each cause of delay, disruption, or interference ceased to affect the progress of the Work;
 - 4. The number of days' increase in Contract Times claimed as a consequence of each such cause of delay, disruption, or interference; and

5. The impact on Contract Price, in accordance with the provisions of Paragraph 11.07.

Contractor shall also furnish such additional supporting documentation as Owner or Engineer may require including, where appropriate, a revised progress schedule indicating all the activities affected by the delay, disruption, or interference, and an explanation of the effect of the delay, disruption, or interference on the critical path to completion of the Work.

- F. Delays, disruption, and interference to the performance or progress of the Work resulting from the existence of a differing subsurface or physical condition, an Underground Facility that was not shown or indicated by the Contract Documents, or not shown or indicated with reasonable accuracy, and those resulting from Hazardous Environmental Conditions, are governed by Article 5, together with the provisions of Paragraphs 4.05.D and 4.05.E.
- G. Paragraph 8.03 addresses delays, disruption, and interference to the performance or progress of the Work resulting from the performance of certain other work at or adjacent to the Site.

ARTICLE 5—SITE; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS

5.01 Availability of Lands

- A. Owner shall furnish the Site. Owner shall notify Contractor in writing of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work.
- B. Upon reasonable written request, Owner shall furnish Contractor with a current statement of record legal title and legal description of the lands upon which permanent improvements are to be made and Owner's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.
- C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

5.02 Use of Site and Other Areas

A. Limitation on Use of Site and Other Areas

- 1. Contractor shall confine construction equipment, temporary construction facilities, the storage of materials and equipment, and the operations of workers to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise, and other adjacent areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and such other adjacent areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for (a) damage to the Site; (b) damage to any such other adjacent areas used for Contractor's operations; (c) damage to any other adjacent land or areas, or to improvements, structures, utilities, or similar facilities located at such adjacent lands or areas; and (d) for injuries and losses sustained by the owners or occupants of any such land or areas; provided that such damage or injuries result from the performance of the Work or from other actions or conduct of the Contractor or those for which Contractor is responsible.

See SC -5.02

- 2. If a damage or injury claim is made by the owner or occupant of any such land or area because of the performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible, Contractor shall (a) take immediate corrective or remedial action as required by Paragraph 7.13, or otherwise; (b) promptly

attempt to settle the claim as to all parties through negotiations with such owner or occupant, or otherwise resolve the claim by arbitration or other dispute resolution proceeding, or in a court of competent jurisdiction; and (c) to the fullest extent permitted by Laws and Regulations, indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, from and against any such claim, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Owner, Engineer, or any other party indemnified hereunder to the extent caused directly or indirectly, in whole or in part by, or based upon, Contractor's performance of the Work, or because of other actions or conduct of the Contractor or those for which Contractor is responsible.

- B. *Removal of Debris During Performance of the Work:* During the progress of the Work the Contractor shall keep the Site and other adjacent areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris will conform to applicable Laws and Regulations.
- C. *Cleaning:* Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Owner. At the completion of the Work Contractor shall remove from the Site and adjacent areas all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.
- D. *Loading of Structures:* Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent structures or land to stresses or pressures that will endanger them.

5.03 *Subsurface and Physical Conditions*

- A. *Reports and Drawings:* The Supplementary Conditions identify:
 - 1. Those reports of explorations and tests of subsurface conditions at or adjacent to the Site that contain Technical Data;
 - 2. Those drawings of existing physical conditions at or adjacent to the Site, including those drawings depicting existing surface or subsurface structures at or adjacent to the Site (except Underground Facilities), that contain Technical Data; and
 - 3. Technical Data contained in such reports and drawings.
- B. *Underground Facilities:* Underground Facilities are shown or indicated on the Drawings, pursuant to Paragraph 5.05, and not in the drawings referred to in Paragraph 5.03.A. Information and data regarding the presence or location of Underground Facilities are not intended to be categorized, identified, or defined as Technical Data.
- C. ~~*Reliance by Contractor on Technical Data:* Contractor may rely upon the accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely upon the accuracy of the Technical Data as defined in Paragraph 1.01.A.46.b.~~

See SC-5.03

- D. *Limitations of Other Data and Documents:* Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of their

officers, directors, members, partners, employees, agents, consultants, or subcontractors, with respect to:

1. The completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto;
2. Other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings;
3. The contents of other Site-related documents made available to Contractor, such as record drawings from other projects at or adjacent to the Site, or Owner's archival documents concerning the Site; or
4. Any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions, or information.

See SC-5.03

5.04 *Differing Subsurface or Physical Conditions*

A. ~~Notice by Contractor: If Contractor believes that any subsurface or physical condition that is uncovered or revealed at the Site:~~

- ~~1. is of such a nature as to establish that any Technical Data on which Contractor is entitled to rely as provided in Paragraph 5.03 is materially inaccurate;~~
- ~~2. is of such a nature as to require a change in the Drawings or Specifications;~~
- ~~3. Differs materially from that shown or indicated in the Contract Documents; or~~
- ~~4. Is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;~~

~~then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except with respect to an emergency) until receipt of a written statement permitting Contractor to do so.~~

See SC-5.04

B. *Engineer's Review:* After receipt of written notice as required by the preceding paragraph, Engineer will promptly review the subsurface or physical condition in question; determine whether it is necessary for Owner to obtain additional exploration or tests with respect to the condition; conclude whether the condition falls within any one or more of the differing site condition categories in Paragraph 5.04.A; obtain any pertinent cost or schedule information from Contractor; prepare recommendations to Owner regarding the Contractor's resumption of Work in connection with the subsurface or physical condition in question and the need for any change in the Drawings or Specifications; and advise Owner in writing of Engineer's findings, conclusions, and recommendations.

C. *Owner's Statement to Contractor Regarding Site Condition:* After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the subsurface or physical condition in question,

addressing the resumption of Work in connection with such condition, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations, in whole or in part.

- D. *Early Resumption of Work*: If at any time Engineer determines that Work in connection with the subsurface or physical condition in question may resume prior to completion of Engineer's review or Owner's issuance of its statement to Contractor, because the condition in question has been adequately documented, and analyzed on a preliminary basis, then the Engineer may at its discretion instruct Contractor to resume such Work.
- E. *Possible Price and Times Adjustments*
1. Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times, to the extent that the existence of a differing subsurface or physical condition, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. Such condition must fall within any one or more of the categories described in Paragraph 5.04.A;
 - b. With respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03; and,
 - c. Contractor's entitlement to an adjustment of the Contract Times is subject to the provisions of Paragraphs 4.05.D and 4.05.E.
 2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times with respect to a subsurface or physical condition if:
 - a. Contractor knew of the existence of such condition at the time Contractor made a commitment to Owner with respect to Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract, or otherwise;
 - b. The existence of such condition reasonably could have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas expressly required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor's making such commitment; or
 - c. Contractor failed to give the written notice required by Paragraph 5.04.A.
 3. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, then any such adjustment will be set forth in a Change Order.
 4. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, no later than 30 days after Owner's issuance of the Owner's written statement to Contractor regarding the subsurface or physical condition in question.
- F. *Underground Facilities; Hazardous Environmental Conditions*: Paragraph 5.05 governs rights and responsibilities regarding the presence or location of Underground Facilities. Paragraph 5.06 governs rights and responsibilities regarding Hazardous Environmental Conditions. The provisions of Paragraphs 5.03 and 5.04 are not applicable to the presence or location of Underground Facilities, or to Hazardous Environmental Conditions.

5.05 *Underground Facilities*

- A. *Contractor's Responsibilities:* Unless it is otherwise expressly provided in the Supplementary Conditions, the cost of all of the following are included in the Contract Price, and Contractor shall have full responsibility for:
1. reviewing and checking all information and data regarding existing Underground Facilities at the Site;
 2. complying with applicable state and local utility damage prevention Laws and Regulations;
 3. Verifying the actual location of those Underground Facilities shown or indicated in the Contract Documents as being within the area affected by the Work, by exposing such Underground Facilities during the course of construction;
 4. coordination of the Work with the owners (including Owner) of such Underground Facilities, during construction; and
 5. the safety and protection of all existing Underground Facilities at the Site, and repairing any damage thereto resulting from the Work.
- B. *Notice by Contractor:* If Contractor believes that an Underground Facility that is uncovered or revealed at the Site was not shown or indicated on the Drawings, or was not shown or indicated on the Drawings with reasonable accuracy, then Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing regarding such Underground Facility.
- C. *Engineer's Review:* Engineer will:
1. promptly review the Underground Facility and conclude whether such Underground Facility was not shown or indicated on the Drawings, or was not shown or indicated with reasonable accuracy;
 2. identify and communicate with the owner of the Underground Facility; prepare recommendations to Owner (and if necessary issue any preliminary instructions to Contractor) regarding the Contractor's resumption of Work in connection with the Underground Facility in question;
 3. obtain any pertinent cost or schedule information from Contractor; determine the extent, if any, to which a change is required in the Drawings or Specifications to reflect and document the consequences of the existence or location of the Underground Facility; and
 4. advise Owner in writing of Engineer's findings, conclusions, and recommendations.
- During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.
- D. *Owner's Statement to Contractor Regarding Underground Facility:* After receipt of Engineer's written findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor (with a copy to Engineer) regarding the Underground Facility in question addressing the resumption of Work in connection with such Underground Facility, indicating whether any change in the Drawings or Specifications will be made, and adopting or rejecting Engineer's written findings, conclusions, and recommendations in whole or in part.
- E. *Early Resumption of Work:* If at any time Engineer determines that Work in connection with the Underground Facility may resume prior to completion of Engineer's review or Owner's issuance of its statement to Contractor, because the Underground Facility in question and

conditions affected by its presence have been adequately documented, and analyzed on a preliminary basis, then the Engineer may at its discretion instruct Contractor to resume such Work.

F. *Possible Price and Times Adjustments*

1. Contractor shall be entitled to an equitable adjustment in the Contract Price or Contract Times, to the extent that any existing Underground Facility at the Site that was not shown or indicated on the Drawings, or was not shown or indicated with reasonable accuracy, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. With respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraph 13.03;
 - b. Contractor's entitlement to an adjustment of the Contract Times is subject to the provisions of Paragraphs 4.05.D and 4.05.E; and
 - c. Contractor gave the notice required in Paragraph 5.05.B.
2. If Owner and Contractor agree regarding Contractor's entitlement to and the amount or extent of any adjustment in the Contract Price or Contract Times, then any such adjustment will be set forth in a Change Order.
3. Contractor may submit a Change Proposal regarding its entitlement to or the amount or extent of any adjustment in the Contract Price or Contract Times, no later than 30 days after Owner's issuance of the Owner's written statement to Contractor regarding the Underground Facility in question.
4. The information and data shown or indicated on the Drawings with respect to existing Underground Facilities at the Site is based on information and data (a) furnished by the owners of such Underground Facilities, or by others, (b) obtained from available records, or (c) gathered in an investigation conducted in accordance with the current edition of ASCE 38, Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data, by the American Society of Civil Engineers. If such information or data is incorrect or incomplete, Contractor's remedies are limited to those set forth in this Paragraph 5.05.F.

5.06 *Hazardous Environmental Conditions at Site*

~~A. Reports and Drawings: The Supplementary Conditions identify:~~

- ~~1. Those reports known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site;~~
- ~~2. Drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at or adjacent to the Site; and~~
- ~~3. Technical Data contained in such reports and drawings.~~

~~B. Reliance by Contractor on Technical Data Authorized: Contractor may rely upon the accuracy of the Technical Data expressly identified in the Supplementary Conditions with respect to such reports and drawings, but such reports and drawings are not Contract Documents. If no such express identification has been made, then Contractor may rely on the accuracy of the Technical Data as defined in Paragraph 1.01.A.46.b. Except for such reliance on Technical Data, Contractor may not rely upon or make any claim against Owner or Engineer, or any of~~

~~their officers, directors, members, partners, employees, agents, consultants, or subcontractors, with respect to:~~

- ~~1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto;~~
- ~~2. Other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or~~
- ~~3. Any Contractor interpretation of or conclusion drawn from any Technical Data or any such other data, interpretations, opinions or information.~~

See SC-5.06

- C. Contractor shall not be responsible for removing or remediating any Hazardous Environmental Condition encountered, uncovered, or revealed at the Site unless such removal or remediation is expressly identified in the Contract Documents to be within the scope of the Work.
- D. Contractor shall be responsible for controlling, containing, and duly removing all Constituents of Concern brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible, and for any associated costs; and for the costs of removing and remediating any Hazardous Environmental Condition created by the presence of any such Constituents of Concern.
- E. If Contractor encounters, uncovers, or reveals a Hazardous Environmental Condition whose removal or remediation is not expressly identified in the Contract Documents as being within the scope of the Work, or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, then Contractor shall immediately: (1) secure or otherwise isolate such condition; (2) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 7.15); and (3) notify Owner and Engineer (and promptly thereafter confirm such notice in writing). Owner shall promptly consult with Engineer concerning the necessity for Owner to retain a qualified expert to evaluate such condition or take corrective action, if any. Promptly after consulting with Engineer, Owner shall take such actions as are necessary to permit Owner to timely obtain required permits and provide Contractor the written notice required by Paragraph 5.06.F. If Contractor or anyone for whom Contractor is responsible created the Hazardous Environmental Condition in question, then Owner may remove and remediate the Hazardous Environmental Condition, and impose a set-off against payments to account for the associated costs.
- F. Contractor shall not resume Work in connection with such Hazardous Environmental Condition or in any affected area until after Owner has obtained any required permits related thereto, and delivered written notice to Contractor either (1) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work, or (2) specifying any special conditions under which such Work may be resumed safely.
- G. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, as a result of such Work stoppage, such special conditions under which Work is agreed to be resumed by Contractor, or any costs or expenses incurred in response to the Hazardous Environmental Condition, then within 30 days of Owner's written notice regarding the resumption of Work, Contractor may submit a Change Proposal, or Owner may impose a set-off. Entitlement to any such adjustment is subject to the provisions of Paragraphs 4.05.D, 4.05.E, 11.07, and 11.08.

- H. If, after receipt of such written notice, Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be deleted from the Work, following the contractual change procedures in Article 11. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 8.
- I. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition (1) was not shown or indicated in the Drawings, Specifications, or other Contract Documents, identified as Technical Data entitled to limited reliance pursuant to Paragraph 5.06.B, or identified in the Contract Documents to be included within the scope of the Work, and (2) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.I obligates Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- J. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the failure to control, contain, or remove a Constituent of Concern brought to the Site by Contractor or by anyone for whom Contractor is responsible, or to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 5.06.J obligates Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- K. The provisions of Paragraphs 5.03, 5.04, and 5.05 do not apply to the presence of Constituents of Concern or to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 6—BONDS AND INSURANCE

6.01 *Performance, Payment, and Other Bonds*

- A. Contractor shall furnish a performance bond and a payment bond, each in an amount at least equal to the Contract Price, as security for the faithful performance and payment of Contractor's obligations under the Contract. These bonds must remain in effect until one year after the date when final payment becomes due or until completion of the correction period specified in Paragraph 15.08, whichever is later, except as provided otherwise by Laws or Regulations, the terms of a prescribed bond form, the Supplementary Conditions, or other provisions of the Contract.
- B. Contractor shall also furnish such other bonds (if any) as are required by the Supplementary Conditions or other provisions of the Contract.
- C. All bonds must be in the form included in the Bidding Documents or otherwise specified by Owner prior to execution of the Contract, except as provided otherwise by Laws or Regulations, and must be issued and signed by a surety named in "Companies Holding Certificates of

Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies” as published in Department Circular 570 (as amended and supplemented) by the Bureau of the Fiscal Service, U.S. Department of the Treasury. A bond signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual’s authority to bind the surety. The evidence of authority must show that it is effective on the date the agent or attorney-in-fact signed the accompanying bond.

- D. Contractor shall obtain the required bonds from surety companies that are duly licensed or authorized, in the state or jurisdiction in which the Project is located, to issue bonds in the required amounts.
- E. If the surety on a bond furnished by Contractor is declared bankrupt or becomes insolvent, or the surety ceases to meet the requirements above, then Contractor shall promptly notify Owner and Engineer in writing and shall, within 20 days after the event giving rise to such notification, provide another bond and surety, both of which must comply with the bond and surety requirements above.
- F. If Contractor has failed to obtain a required bond, Owner may exclude the Contractor from the Site and exercise Owner’s termination rights under Article 16.
- G. Upon request to Owner from any Subcontractor, Supplier, or other person or entity claiming to have furnished labor, services, materials, or equipment used in the performance of the Work, Owner shall provide a copy of the payment bond to such person or entity.
- H. Upon request to Contractor from any Subcontractor, Supplier, or other person or entity claiming to have furnished labor, services, materials, or equipment used in the performance of the Work, Contractor shall provide a copy of the payment bond to such person or entity.

6.02 *Insurance—General Provisions*

- A. Owner and Contractor shall obtain and maintain insurance as required in this article and in the Supplementary Conditions.

See SC-6.02

- B. All insurance required by the Contract to be purchased and maintained by Owner or Contractor shall be obtained from insurance companies that are duly licensed or authorized in the state or jurisdiction in which the Project is located to issue insurance policies for the required limits and coverages. Unless a different standard is indicated in the Supplementary Conditions, all companies that provide insurance policies required under this Contract shall have an A.M. Best rating of A-VII or better.
- C. Alternative forms of insurance coverage, including but not limited to self-insurance and “Occupational Accident and Excess Employer’s Indemnity Policies,” are not sufficient to meet the insurance requirements of this Contract, unless expressly allowed in the Supplementary Conditions.
- D. Contractor shall deliver to Owner, with copies to each additional insured identified in the Contract, certificates of insurance and endorsements establishing that Contractor has obtained and is maintaining the policies and coverages required by the Contract. Upon request by Owner or any other insured, Contractor shall also furnish other evidence of such required insurance, including but not limited to copies of policies, documentation of applicable self-insured retentions (if allowed) and deductibles, full disclosure of all relevant exclusions, and evidence of insurance required to be purchased and maintained by Subcontractors or Suppliers. In any documentation furnished under this provision, Contractor, Subcontractors, and Suppliers may

block out (redact) (1) any confidential premium or pricing information and (2) any wording specific to a project or jurisdiction other than those applicable to this Contract.

- E. Owner shall deliver to Contractor, with copies to each additional insured identified in the Contract, certificates of insurance and endorsements establishing that Owner has obtained and is maintaining the policies and coverages required of Owner by the Contract (if any). Upon request by Contractor or any other insured, Owner shall also provide other evidence of such required insurance (if any), including but not limited to copies of policies, documentation of applicable self-insured retentions (if allowed) and deductibles, and full disclosure of all relevant exclusions. In any documentation furnished under this provision, Owner may block out (redact) (1) any confidential premium or pricing information and (2) any wording specific to a project or jurisdiction other than those relevant to this Contract.
- F. Failure of Owner or Contractor to demand such certificates or other evidence of the other party's full compliance with these insurance requirements, or failure of Owner or Contractor to identify a deficiency in compliance from the evidence provided, will not be construed as a waiver of the other party's obligation to obtain and maintain such insurance.
- G. In addition to the liability insurance required to be provided by Contractor, the Owner, at Owner's option, may purchase and maintain Owner's own liability insurance. Owner's liability policies, if any, operate separately and independently from policies required to be provided by Contractor, and Contractor cannot rely upon Owner's liability policies for any of Contractor's obligations to the Owner, Engineer, or third parties.
- H. Contractor shall require:
 - 1. Subcontractors to purchase and maintain worker's compensation, commercial general liability, and other insurance that is appropriate for their participation in the Project, and to name as additional insureds Owner and Engineer (and any other individuals or entities identified in the Supplementary Conditions as additional insureds on Contractor's liability policies) on each Subcontractor's commercial general liability insurance policy; and
 - 2. Suppliers to purchase and maintain insurance that is appropriate for their participation in the Project.
- I. If either party does not purchase or maintain the insurance required of such party by the Contract, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage.
- J. If Contractor has failed to obtain and maintain required insurance, Contractor's entitlement to enter or remain at the Site will end immediately, and Owner may impose an appropriate set-off against payment for any associated costs (including but not limited to the cost of purchasing necessary insurance coverage), and exercise Owner's termination rights under Article 16.

See SC-6.02

- K. Without prejudice to any other right or remedy, if a party has failed to obtain required insurance, the other party may elect (but is in no way obligated) to obtain equivalent insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and the Contract Price will be adjusted accordingly.
- L. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor or Contractor's interests. Contractor is responsible for determining whether such coverage and limits are adequate to protect its interests, and for obtaining and maintaining any additional insurance that Contractor deems necessary.

- M. The insurance and insurance limits required herein will not be deemed as a limitation on Contractor's liability, or that of its Subcontractors or Suppliers, under the indemnities granted to Owner and other individuals and entities in the Contract or otherwise.
- N. All the policies of insurance required to be purchased and maintained under this Contract will contain a provision or endorsement that the coverage afforded will not be canceled, or renewal refused, until at least 10 days prior written notice has been given to the purchasing policyholder. Within three days of receipt of any such written notice, the purchasing policyholder shall provide a copy of the notice to each other insured and Engineer.

6.03 *Contractor's Insurance*

- A. *Required Insurance:* Contractor shall purchase and maintain Worker's Compensation, Commercial General Liability, and other insurance pursuant to the specific requirements of the Supplementary Conditions.

See SC-6.03

- B. *General Provisions:* The policies of insurance required by this Paragraph 6.03 as supplemented must:
 - 1. include at least the specific coverages required;
 - 2. be written for not less than the limits provided, or those required by Laws or Regulations, whichever is greater;
 - 3. remain in effect at least until the Work is complete (as set forth in Paragraph 15.06.D), and longer if expressly required elsewhere in this Contract, and at all times thereafter when Contractor may be correcting, removing, or replacing defective Work as a warranty or correction obligation, or otherwise, or returning to the Site to conduct other tasks arising from the Contract;
 - 4. apply with respect to the performance of the Work, whether such performance is by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable; and
 - 5. include all necessary endorsements to support the stated requirements.
- C. *Additional Insureds:* The Contractor's commercial general liability, automobile liability, employer's liability, umbrella or excess, pollution liability, and unmanned aerial vehicle liability policies, if required by this Contract, must:
 - 1. include and list as additional insureds Owner and Engineer, and any individuals or entities identified as additional insureds in the Supplementary Conditions;
 - 2. include coverage for the respective officers, directors, members, partners, employees, and consultants of all such additional insureds;
 - 3. afford primary coverage to these additional insureds for all claims covered thereby (including as applicable those arising from both ongoing and completed operations);
 - 4. not seek contribution from insurance maintained by the additional insured; and
 - 5. As to commercial general liability insurance, apply to additional insureds with respect to liability caused in whole or in part by Contractor's acts or omissions, or the acts and omissions of those working on Contractor's behalf, in the performance of Contractor's operations.

See SC-6.03

6.04 *Builder's Risk and Other Property Insurance*

- A. ~~*Builder's Risk:* Unless otherwise provided in the Supplementary Conditions, Contractor shall purchase and maintain builder's risk insurance upon the Work on a completed value basis, in the amount of the Work's full insurable replacement cost (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). The specific requirements applicable to the builder's risk insurance are set forth in the Supplementary Conditions.~~

See SC-6.04

- B. *Property Insurance for Facilities of Owner Where Work Will Occur:* Owner is responsible for obtaining and maintaining property insurance covering each existing structure, building, or facility in which any part of the Work will occur, or to which any part of the Work will attach or be adjoined. Such property insurance will be written on a special perils (all-risk) form, on a replacement cost basis, providing coverage consistent with that required for the builder's risk insurance, and will be maintained until the Work is complete, as set forth in Paragraph 15.06.D.
- C. *Property Insurance for Substantially Complete Facilities:* Promptly after Substantial Completion, and before actual occupancy or use of the substantially completed Work, Owner will obtain property insurance for such substantially completed Work, and maintain such property insurance at least until the Work is complete, as set forth in Paragraph 15.06.D. Such property insurance will be written on a special perils (all-risk) form, on a replacement cost basis, and provide coverage consistent with that required for the builder's risk insurance. The builder's risk insurance may terminate upon written confirmation of Owner's procurement of such property insurance.
- D. *Partial Occupancy or Use by Owner:* If Owner will occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work, as provided in Paragraph 15.04, then Owner (directly, if it is the purchaser of the builder's risk policy, or through Contractor) will provide advance notice of such occupancy or use to the builder's risk insurer, and obtain an endorsement consenting to the continuation of coverage prior to commencing such partial occupancy or use.
- E. *Insurance of Other Property; Additional Insurance:* If the express insurance provisions of the Contract do not require or address the insurance of a property item or interest, then the entity or individual owning such property item will be responsible for insuring it. If Contractor elects to obtain other special insurance to be included in or supplement the builder's risk or property insurance policies provided under this Article 6, it may do so at Contractor's expense.

6.05 *Property Losses; Subrogation*

- A. The builder's risk insurance policy purchased and maintained in accordance with Article 6 (or an installation floater policy if authorized by the Supplementary Conditions), will contain provisions to the effect that in the event of payment of any loss or damage the insurer will have no rights of recovery against any insureds thereunder, or against Engineer or its consultants, or their officers, directors, members, partners, employees, agents, consultants, or subcontractors.
1. Owner and Contractor waive all rights against each other and the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from any of the perils, risks, or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Engineer, its consultants, all individuals or entities identified in the Supplementary Conditions as

builder's risk or installation floater insureds, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, under such policies for losses and damages so caused.

2. None of the above waivers extends to the rights that any party making such waiver may have to the proceeds of insurance held by Owner or Contractor as trustee or fiduciary, or otherwise payable under any policy so issued.
- B. Any property insurance policy maintained by Owner covering any loss, damage, or consequential loss to Owner's existing structures, buildings, or facilities in which any part of the Work will occur, or to which any part of the Work will attach or adjoin; to adjacent structures, buildings, or facilities of Owner; or to part or all of the completed or substantially completed Work, during partial occupancy or use pursuant to Paragraph 15.04, after Substantial Completion pursuant to Paragraph 15.03, or after final payment pursuant to Paragraph 15.06, will contain provisions to the effect that in the event of payment of any loss or damage the insurer will have no rights of recovery against any insureds thereunder, or against Contractor, Subcontractors, or Engineer, or the officers, directors, members, partners, employees, agents, consultants, or subcontractors of each and any of them, and that the insured is allowed to waive the insurer's rights of subrogation in a written contract executed prior to the loss, damage, or consequential loss.
1. Owner waives all rights against Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from fire or any of the perils, risks, or causes of loss covered by such policies.
- C. The waivers in this Paragraph 6.05 include the waiver of rights due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to Owner's property or the Work caused by, arising out of, or resulting from fire or other insured peril, risk, or cause of loss.
- D. Contractor shall be responsible for assuring that each Subcontract contains provisions whereby the Subcontractor waives all rights against Owner, Contractor, all individuals or entities identified in the Supplementary Conditions as insureds, the Engineer and its consultants, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, relating to, or resulting from fire or other peril, risk, or cause of loss covered by builder's risk insurance, installation floater, and any other property insurance applicable to the Work.

6.06 *Receipt and Application of Property Insurance Proceeds*

- A. Any insured loss under the builder's risk and other policies of property insurance required by Article 6 will be adjusted and settled with the named insured that purchased the policy. Such named insured shall act as fiduciary for the other insureds, and give notice to such other insureds that adjustment and settlement of a claim is in progress. Any other insured may state its position regarding a claim for insured loss in writing within 15 days after notice of such claim.
- B. Proceeds for such insured losses may be made payable by the insurer either jointly to multiple insureds, or to the named insured that purchased the policy in its own right and as fiduciary for other insureds, subject to the requirements of any applicable mortgage clause. A named insured receiving insurance proceeds under the builder's risk and other policies of insurance required by Article 6 shall maintain such proceeds in a segregated account, and distribute such proceeds in accordance with such agreement as the parties in interest may reach, or as otherwise required under the dispute resolution provisions of this Contract or applicable Laws and Regulations.

- C. If no other special agreement is reached, Contractor shall repair or replace the damaged Work, using allocated insurance proceeds.

ARTICLE 7—CONTRACTOR’S RESPONSIBILITIES

7.01 Contractor’s Means and Methods of Construction

- A. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction.
- B. If the Contract Documents note, or Contractor determines, that professional engineering or other design services are needed to carry out Contractor’s responsibilities for construction means, methods, techniques, sequences, and procedures, or for Site safety, then Contractor shall cause such services to be provided by a properly licensed design professional, at Contractor’s expense. Such services are not Owner-delegated professional design services under this Contract, and neither Owner nor Engineer has any responsibility with respect to (1) Contractor’s determination of the need for such services, (2) the qualifications or licensing of the design professionals retained or employed by Contractor, (3) the performance of such services, or (4) any errors, omissions, or defects in such services.

7.02 Supervision and Superintendence

- A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents.
- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who will not be replaced without written notice to Owner and Engineer except under extraordinary circumstances.

7.03 Labor; Working Hours

- A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall maintain good discipline and order at the Site.
- B. Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of Contractor’s employees; of Suppliers and Subcontractors, and their employees; and of any other individuals or entities performing or furnishing any of the Work, just as Contractor is responsible for Contractor’s own acts and omissions.
- C. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site will be performed during regular working hours, Monday through Friday. Contractor will not perform Work on a Saturday, Sunday, or any legal holiday. Contractor may perform Work outside regular working hours or on Saturdays, Sundays, or legal holidays only with Owner’s written consent, which will not be unreasonably withheld.

See SC 7.03

7.04 Services, Materials, and Equipment

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the

performance, testing, start up, and completion of the Work, whether or not such items are specifically called for in the Contract Documents.

- B. All materials and equipment incorporated into the Work must be new and of good quality, except as otherwise provided in the Contract Documents. All special warranties and guarantees required by the Specifications will expressly run to the benefit of Owner. If required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment.
- C. All materials and equipment must be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

See SC-7.04

7.05 “Or Equals”

- A. *Contractor’s Request; Governing Criteria:* Whenever an item of equipment or material is specified or described in the Contract Documents by using the names of one or more proprietary items or specific Suppliers, the Contract Price has been based upon Contractor furnishing such item as specified. The specification or description of such an item is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or “or equal” item is permitted, Contractor may request that Engineer authorize the use of other items of equipment or material, or items from other proposed Suppliers, under the circumstances described below.
 - 1. If Engineer in its sole discretion determines that an item of equipment or material proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, Engineer will deem it an “or equal” item. For the purposes of this paragraph, a proposed item of equipment or material will be considered functionally equal to an item so named if:
 - a. in the exercise of reasonable judgment Engineer determines that the proposed item:
 - 1) is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;
 - 2) will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole;
 - 3) has a proven record of performance and availability of responsive service; and
 - 4) is not objectionable to Owner.
 - b. Contractor certifies that, if the proposed item is approved and incorporated into the Work:
 - 1) there will be no increase in cost to the Owner or increase in Contract Times; and
 - 2) the item will conform substantially to the detailed requirements of the item named in the Contract Documents.
- B. *Contractor’s Expense:* Contractor shall provide all data in support of any proposed “or equal” item at Contractor’s expense.
- C. *Engineer’s Evaluation and Determination:* Engineer will be allowed a reasonable time to evaluate each “or-equal” request. Engineer may require Contractor to furnish additional data about the proposed “or-equal” item. Engineer will be the sole judge of acceptability. No “or-equal” item will be ordered, furnished, installed, or utilized until Engineer’s review is complete

and Engineer determines that the proposed item is an “or-equal,” which will be evidenced by an approved Shop Drawing or other written communication. Engineer will advise Contractor in writing of any negative determination.

- D. *Effect of Engineer’s Determination:* Neither approval nor denial of an “or-equal” request will result in any change in Contract Price. The Engineer’s denial of an “or-equal” request will be final and binding, and may not be reversed through an appeal under any provision of the Contract.
- E. *Treatment as a Substitution Request:* If Engineer determines that an item of equipment or material proposed by Contractor does not qualify as an “or-equal” item, Contractor may request that Engineer consider the item a proposed substitute pursuant to Paragraph 7.06.

7.06 *Substitutes*

- A. *Contractor’s Request; Governing Criteria:* Unless the specification or description of an item of equipment or material required to be furnished under the Contract Documents contains or is followed by words reading that no substitution is permitted, Contractor may request that Engineer authorize the use of other items of equipment or material under the circumstances described below. To the extent possible such requests must be made before commencement of related construction at the Site.
 - 1. Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is functionally equivalent to that named and an acceptable substitute therefor. Engineer will not accept requests for review of proposed substitute items of equipment or material from anyone other than Contractor.
 - 2. The requirements for review by Engineer will be as set forth in Paragraph 7.06.B, as supplemented by the Specifications, and as Engineer may decide is appropriate under the circumstances.
 - 3. Contractor shall make written application to Engineer for review of a proposed substitute item of equipment or material that Contractor seeks to furnish or use. The application:
 - a. will certify that the proposed substitute item will:
 - 1) perform adequately the functions and achieve the results called for by the general design;
 - 2) be similar in substance to the item specified; and
 - 3) be suited to the same use as the item specified.
 - b. will state:
 - 1) the extent, if any, to which the use of the proposed substitute item will necessitate a change in Contract Times;
 - 2) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item; and
 - 3) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty.
 - c. will identify:
 - 1) all variations of the proposed substitute item from the item specified; and

- 2) available engineering, sales, maintenance, repair, and replacement services.
- d. will contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including but not limited to changes in Contract Price, shared savings, costs of redesign, and claims of other contractors affected by any resulting change.
- B. *Engineer's Evaluation and Determination*: Engineer will be allowed a reasonable time to evaluate each substitute request, and to obtain comments and direction from Owner. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No substitute will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an acceptable substitute. Engineer's determination will be evidenced by a Field Order or a proposed Change Order accounting for the substitution itself and all related impacts, including changes in Contract Price or Contract Times. Engineer will advise Contractor in writing of any negative determination.
- C. *Special Guarantee*: Owner may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.
- D. *Reimbursement of Engineer's Cost*: Engineer will record Engineer's costs in evaluating a substitute proposed or submitted by Contractor. Whether or not Engineer approves a substitute so proposed or submitted by Contractor, Contractor shall reimburse Owner for the reasonable charges of Engineer for evaluating each such proposed substitute. Contractor shall also reimburse Owner for the reasonable charges of Engineer for making changes in the Contract Documents (or in the provisions of any other direct contract with Owner) resulting from the acceptance of each proposed substitute.
- E. *Contractor's Expense*: Contractor shall provide all data in support of any proposed substitute at Contractor's expense.
- F. *Effect of Engineer's Determination*: If Engineer approves the substitution request, Contractor shall execute the proposed Change Order and proceed with the substitution. The Engineer's denial of a substitution request will be final and binding, and may not be reversed through an appeal under any provision of the Contract. Contractor may challenge the scope of reimbursement costs imposed under Paragraph 7.06.D, by timely submittal of a Change Proposal.

7.07 *Concerning Subcontractors and Suppliers*

- A. Contractor may retain Subcontractors and Suppliers for the performance of parts of the Work. Such Subcontractors and Suppliers must be acceptable to Owner. The Contractor's retention of a Subcontractor or Supplier for the performance of parts of the Work will not relieve Contractor's obligation to Owner to perform and complete the Work in accordance with the Contract Documents.

See SC-7.07

- B. Contractor shall retain specific Subcontractors and Suppliers for the performance of designated parts of the Work if required by the Contract to do so.
- C. Subsequent to the submittal of Contractor's Bid or final negotiation of the terms of the Contract, Owner may not require Contractor to retain any Subcontractor or Supplier to furnish or perform any of the Work against which Contractor has reasonable objection.
- D. Prior to entry into any binding subcontract or purchase order, Contractor shall submit to Owner the identity of the proposed Subcontractor or Supplier (unless Owner has already deemed such

- proposed Subcontractor or Supplier acceptable during the bidding process or otherwise). Such proposed Subcontractor or Supplier shall be deemed acceptable to Owner unless Owner raises a substantive, reasonable objection within 5 days.
- E. Owner may require the replacement of any Subcontractor or Supplier. Owner also may require Contractor to retain specific replacements; provided, however, that Owner may not require a replacement to which Contractor has a reasonable objection. If Contractor has submitted the identity of certain Subcontractors or Suppliers for acceptance by Owner, and Owner has accepted it (either in writing or by failing to make written objection thereto), then Owner may subsequently revoke the acceptance of any such Subcontractor or Supplier so identified solely on the basis of substantive, reasonable objection after due investigation. Contractor shall submit an acceptable replacement for the rejected Subcontractor or Supplier.
 - F. If Owner requires the replacement of any Subcontractor or Supplier retained by Contractor to perform any part of the Work, then Contractor shall be entitled to an adjustment in Contract Price or Contract Times, with respect to the replacement; and Contractor shall initiate a Change Proposal for such adjustment within 30 days of Owner's requirement of replacement.
 - G. No acceptance by Owner of any such Subcontractor or Supplier, whether initially or as a replacement, will constitute a waiver of the right of Owner to the completion of the Work in accordance with the Contract Documents.
 - H. On a monthly basis, Contractor shall submit to Engineer a complete list of all Subcontractors and Suppliers having a direct contract with Contractor, and of all other Subcontractors and Suppliers known to Contractor at the time of submittal.
 - I. Contractor shall be solely responsible for scheduling and coordinating the work of Subcontractors and Suppliers.
 - J. The divisions and sections of the Specifications and the identifications of any Drawings do not control Contractor in dividing the Work among Subcontractors or Suppliers, or in delineating the Work to be performed by any specific trade.
 - K. All Work performed for Contractor by a Subcontractor or Supplier must be pursuant to an appropriate contractual agreement that specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract for the benefit of Owner and Engineer.
 - L. Owner may furnish to any Subcontractor or Supplier, to the extent practicable, information about amounts paid to Contractor for Work performed for Contractor by the Subcontractor or Supplier.
 - M. Contractor shall restrict all Subcontractors and Suppliers from communicating with Engineer or Owner, except through Contractor or in case of an emergency, or as otherwise expressly allowed in this Contract.

7.08 *Patent Fees and Royalties*

- A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If an invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Owner or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights will be disclosed in the Contract Documents.
- B. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, and its officers, directors, members, partners, employees, agents,

- consultants, and subcontractors, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device specified in the Contract Documents, but not identified as being subject to payment of any license fee or royalty to others required by patent rights or copyrights.
- C. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

7.09 *Permits*

- A. Unless otherwise provided in the Contract Documents, Contractor shall obtain and pay for all construction permits, licenses, and certificates of occupancy. Owner shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of the submission of Contractor's Bid (or when Contractor became bound under a negotiated contract). Owner shall pay all charges of utility owners for connections for providing permanent service to the Work.

See SC-7.09

7.10 *Taxes*

- A. Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

7.11 *Laws and Regulations*

- A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.
- B. If Contractor performs any Work or takes any other action knowing or having reason to know that it is contrary to Laws or Regulations, Contractor shall bear all resulting costs and losses, and shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work or other action. It is not Contractor's responsibility to make certain that the Work described in the Contract Documents is in accordance with Laws and Regulations, but this does not relieve Contractor of its obligations under Paragraph 3.03.
- C. Owner or Contractor may give written notice to the other party of any changes after the submission of Contractor's Bid (or after the date when Contractor became bound under a negotiated contract) in Laws or Regulations having an effect on the cost or time of performance

of the Work, including but not limited to changes in Laws or Regulations having an effect on procuring permits and on sales, use, value-added, consumption, and other similar taxes. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times resulting from such changes, then within 30 days of such written notice Contractor may submit a Change Proposal, or Owner may initiate a Claim.

See SC-7.11

7.12 *Record Documents*

- A. Contractor shall maintain in a safe place at the Site one printed record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, written interpretations and clarifications, and approved Shop Drawings. Contractor shall keep such record documents in good order and annotate them to show changes made during construction. These record documents, together with all approved Samples, will be available to Engineer for reference. Upon completion of the Work, Contractor shall deliver these record documents to Engineer.

7.13 *Safety and Protection*

- A. Contractor shall be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations.
- B. Contractor shall designate a qualified and experienced safety representative whose duties and responsibilities are the prevention of Work-related accidents and the maintenance and supervision of safety precautions and programs.
- C. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:
 - 1. all persons on the Site or who may be affected by the Work;
 - 2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 - 3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, other work in progress, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.
- D. All damage, injury, or loss to any property referred to in Paragraph 7.13.C.2 or 7.13.C.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by Contractor at its expense (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of Owner or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).
- E. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection.

- F. Contractor shall notify Owner; the owners of adjacent property; the owners of Underground Facilities and other utilities (if the identity of such owners is known to Contractor); and other contractors and utility owners performing work at or adjacent to the Site, in writing, when Contractor knows that prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property or work in progress.
- G. Contractor shall comply with the applicable requirements of Owner's safety programs, if any. Any Owner's safety programs that are applicable to the Work are identified or included in the Supplementary Conditions or Specifications.

See SC-7.13

- H. Contractor shall inform Owner and Engineer of the specific requirements of Contractor's safety program with which Owner's and Engineer's employees and representatives must comply while at the Site.
- I. Contractor's duties and responsibilities for safety and protection will continue until all the Work is completed, Engineer has issued a written notice to Owner and Contractor in accordance with Paragraph 15.06.C that the Work is acceptable, and Contractor has left the Site (except as otherwise expressly provided in connection with Substantial Completion).
- J. Contractor's duties and responsibilities for safety and protection will resume whenever Contractor or any Subcontractor or Supplier returns to the Site to fulfill warranty or correction obligations, or to conduct other tasks arising from the Contract Documents.

7.14 *Hazard Communication Programs*

- A. Contractor shall be responsible for coordinating any exchange of safety data sheets (formerly known as material safety data sheets) or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

7.15 *Emergencies*

- A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused by an emergency, or are required as a result of Contractor's response to an emergency. If Engineer determines that a change in the Contract Documents is required because of an emergency or Contractor's response, a Work Change Directive or Change Order will be issued.

7.16 *Submittals*

A. *Shop Drawing and Sample Requirements*

- 1. Before submitting a Shop Drawing or Sample, Contractor shall:
 - a. review and coordinate the Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;
 - b. determine and verify:
 - 1) all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect to the Submittal;

- 2) the suitability of all materials and equipment offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and
 - 3) all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto;
- c. confirm that the Submittal is complete with respect to all related data included in the Submittal.
2. Each Shop Drawing or Sample must bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review of that Submittal, and that Contractor approves the Submittal.
 3. With each Shop Drawing or Sample, Contractor shall give Engineer specific written notice of any variations that the Submittal may have from the requirements of the Contract Documents. This notice must be set forth in a written communication separate from the Submittal; and, in addition, in the case of a Shop Drawing by a specific notation made on the Shop Drawing itself.
- B. *Submittal Procedures for Shop Drawings and Samples:* Contractor shall label and submit Shop Drawings and Samples to Engineer for review and approval in accordance with the accepted Schedule of Submittals.
1. *Shop Drawings*
 - a. Contractor shall submit the number of copies required in the Specifications.
 - b. Data shown on the Shop Drawings must be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Contractor proposes to provide, and to enable Engineer to review the information for the limited purposes required by Paragraph 7.16.C.
 2. *Samples*
 - a. Contractor shall submit the number of Samples required in the Specifications.
 - b. Contractor shall clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Engineer may require to enable Engineer to review the Submittal for the limited purposes required by Paragraph 7.16.C.
 3. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.
- C. *Engineer's Review of Shop Drawings and Samples*
1. Engineer will provide timely review of Shop Drawings and Samples in accordance with the accepted Schedule of Submittals. Engineer's review and approval will be only to determine if the items covered by the Submittals will, after installation or incorporation in the Work, comply with the requirements of the Contract Documents, and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.

2. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction, or to safety precautions or programs incident thereto.
3. Engineer's review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.
4. Engineer's review and approval of a Shop Drawing or Sample will not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 7.16.A.3 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer will document any such approved variation from the requirements of the Contract Documents in a Field Order or other appropriate Contract modification.
5. Engineer's review and approval of a Shop Drawing or Sample will not relieve Contractor from responsibility for complying with the requirements of Paragraphs 7.16.A and B.
6. Engineer's review and approval of a Shop Drawing or Sample, or of a variation from the requirements of the Contract Documents, will not, under any circumstances, change the Contract Times or Contract Price, unless such changes are included in a Change Order.
7. Neither Engineer's receipt, review, acceptance, or approval of a Shop Drawing or Sample will result in such item becoming a Contract Document.
8. Contractor shall perform the Work in compliance with the requirements and commitments set forth in approved Shop Drawings and Samples, subject to the provisions of Paragraph 7.16.C.4.

D. Resubmittal Procedures for Shop Drawings and Samples

1. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous Submittals.
2. Contractor shall furnish required Shop Drawing and Sample submittals with sufficient information and accuracy to obtain required approval of an item with no more than two resubmittals. Engineer will record Engineer's time for reviewing a third or subsequent resubmittal of a Shop Drawing or Sample, and Contractor shall be responsible for Engineer's charges to Owner for such time. Owner may impose a set-off against payments due Contractor to secure reimbursement for such charges.
3. If Contractor requests a change of a previously approved Shop Drawing or Sample, Contractor shall be responsible for Engineer's charges to Owner for its review time, and Owner may impose a set-off against payments due Contractor to secure reimbursement for such charges, unless the need for such change is beyond the control of Contractor.

E. Submittals Other than Shop Drawings, Samples, and Owner-Delegated Designs

1. The following provisions apply to all Submittals other than Shop Drawings, Samples, and Owner-delegated designs:
 - a. Contractor shall submit all such Submittals to the Engineer in accordance with the Schedule of Submittals and pursuant to the applicable terms of the Contract Documents.
 - b. Engineer will provide timely review of all such Submittals in accordance with the Schedule of Submittals and return such Submittals with a notation of either Accepted

or Not Accepted. Any such Submittal that is not returned within the time established in the Schedule of Submittals will be deemed accepted.

- c. Engineer's review will be only to determine if the Submittal is acceptable under the requirements of the Contract Documents as to general form and content of the Submittal.
 - d. If any such Submittal is not accepted, Contractor shall confer with Engineer regarding the reason for the non-acceptance, and resubmit an acceptable document.
2. Procedures for the submittal and acceptance of the Progress Schedule, the Schedule of Submittals, and the Schedule of Values are set forth in Paragraphs 2.03, 2.04, and 2.05.
- F. Owner-delegated Designs: Submittals pursuant to Owner-delegated designs are governed by the provisions of Paragraph 7.19.

7.17 Contractor's General Warranty and Guarantee

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer is entitled to rely on Contractor's warranty and guarantee.
- B. Owner's rights under this warranty and guarantee are in addition to, and are not limited by, Owner's rights under the correction period provisions of Paragraph 15.08. The time in which Owner may enforce its warranty and guarantee rights under this Paragraph 7.17 is limited only by applicable Laws and Regulations restricting actions to enforce such rights; provided, however, that after the end of the correction period under Paragraph 15.08:
 1. Owner shall give Contractor written notice of any defective Work within 60 days of the discovery that such Work is defective; and
 2. Such notice will be deemed the start of an event giving rise to a Claim under Paragraph 12.01.B, such that any related Claim must be brought within 30 days of the notice.
- C. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:
 1. abuse, or improper modification, maintenance, or operation, by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or
 2. normal wear and tear under normal usage.
- D. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents is absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents, a release of Contractor's obligation to perform the Work in accordance with the Contract Documents, or a release of Owner's warranty and guarantee rights under this Paragraph 7.17:
 1. Observations by Engineer;
 2. Recommendation by Engineer or payment by Owner of any progress or final payment;
 3. The issuance of a certificate of Substantial Completion by Engineer or any payment related thereto by Owner;
 4. Use or occupancy of the Work or any part thereof by Owner;
 5. Any review and approval of a Shop Drawing or Sample submittal;
 6. The issuance of a notice of acceptability by Engineer;

7. The end of the correction period established in Paragraph 15.08;
 8. Any inspection, test, or approval by others; or
 9. Any correction of defective Work by Owner.
- E. If the Contract requires the Contractor to accept the assignment of a contract entered into by Owner, then the specific warranties, guarantees, and correction obligations contained in the assigned contract will govern with respect to Contractor's performance obligations to Owner for the Work described in the assigned contract.

7.18 *Indemnification*

- A. To the fullest extent permitted by Laws and Regulations, and in addition to any other obligations of Contractor under the Contract or otherwise, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, from losses, damages, costs, and judgments (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising from third-party claims or actions relating to or resulting from the performance or furnishing of the Work, provided that any such claim, action, loss, cost, judgment or damage is attributable to bodily injury, sickness, disease, or death, or to damage to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable.
- B. In any and all claims against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, by any employee (or the survivor or personal representative of such employee) of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 7.18.A will not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.

See SC-7.18

7.19 *Delegation of Professional Design Services*

- A. Owner may require Contractor to provide professional design services for a portion of the Work by express delegation in the Contract Documents. Such delegation will specify the performance and design criteria that such services must satisfy, and the Submittals that Contractor must furnish to Engineer with respect to the Owner-delegated design.
- B. Contractor shall cause such Owner-delegated professional design services to be provided pursuant to the professional standard of care by a properly licensed design professional, whose signature and seal must appear on all drawings, calculations, specifications, certifications, and Submittals prepared by such design professional. Such design professional must issue all certifications of design required by Laws and Regulations.
- C. If a Shop Drawing or other Submittal related to the Owner-delegated design is prepared by Contractor, a Subcontractor, or others for submittal to Engineer, then such Shop Drawing or other Submittal must bear the written approval of Contractor's design professional when submitted by Contractor to Engineer.

- D. Owner and Engineer shall be entitled to rely upon the adequacy, accuracy, and completeness of the services, certifications, and approvals performed or provided by the design professionals retained or employed by Contractor under an Owner-delegated design, subject to the professional standard of care and the performance and design criteria stated in the Contract Documents.
- E. Pursuant to this Paragraph 7.19, Engineer's review, approval, and other determinations regarding design drawings, calculations, specifications, certifications, and other Submittals furnished by Contractor pursuant to an Owner-delegated design will be only for the following limited purposes:
 - 1. Checking for conformance with the requirements of this Paragraph 7.19;
 - 2. Confirming that Contractor (through its design professionals) has used the performance and design criteria specified in the Contract Documents; and
 - 3. Establishing that the design furnished by Contractor is consistent with the design concept expressed in the Contract Documents.
- F. Contractor shall not be responsible for the adequacy of performance or design criteria specified by Owner or Engineer.
- G. Contractor is not required to provide professional services in violation of applicable Laws and Regulations.

ARTICLE 8—OTHER WORK AT THE SITE

8.01 *Other Work*

- A. In addition to and apart from the Work under the Contract Documents, the Owner may perform other work at or adjacent to the Site. Such other work may be performed by Owner's employees, or through contracts between the Owner and third parties. Owner may also arrange to have third-party utility owners perform work on their utilities and facilities at or adjacent to the Site.
- B. If Owner performs other work at or adjacent to the Site with Owner's employees, or through contracts for such other work, then Owner shall give Contractor written notice thereof prior to starting any such other work. If Owner has advance information regarding the start of any third-party utility work that Owner has arranged to take place at or adjacent to the Site, Owner shall provide such information to Contractor.
- C. Contractor shall afford proper and safe access to the Site to each contractor that performs such other work, each utility owner performing other work, and Owner, if Owner is performing other work with Owner's employees, and provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work.
- D. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work; provided, however, that Contractor may cut or alter others' work with the written consent of Engineer and the others whose work will be affected.
- E. If the proper execution or results of any part of Contractor's Work depends upon work performed by others, Contractor shall inspect such other work and promptly report to Engineer in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so

report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.

- F. The provisions of this article are not applicable to work that is performed by third-party utilities or other third-party entities without a contract with Owner, or that is performed without having been arranged by Owner. If such work occurs, then any related delay, disruption, or interference incurred by Contractor is governed by the provisions of Paragraph 4.05.C.3.

8.02 *Coordination*

- A. If Owner intends to contract with others for the performance of other work at or adjacent to the Site, to perform other work at or adjacent to the Site with Owner's employees, or to arrange to have utility owners perform work at or adjacent to the Site, the following will be set forth in the Supplementary Conditions or provided to Contractor prior to the start of any such other work:
 - 1. The identity of the individual or entity that will have authority and responsibility for coordination of the activities among the various contractors;
 - 2. An itemization of the specific matters to be covered by such authority and responsibility; and
 - 3. The extent of such authority and responsibilities.
- B. Unless otherwise provided in the Supplementary Conditions, Owner shall have sole authority and responsibility for such coordination.

8.03 *Legal Relationships*

- A. If, in the course of performing other work for Owner at or adjacent to the Site, the Owner's employees, any other contractor working for Owner, or any utility owner that Owner has arranged to perform work, causes damage to the Work or to the property of Contractor or its Subcontractors, or delays, disrupts, interferes with, or increases the scope or cost of the performance of the Work, through actions or inaction, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times. Contractor must submit any Change Proposal seeking an equitable adjustment in the Contract Price or the Contract Times under this paragraph within 30 days of the damaging, delaying, disrupting, or interfering event. The entitlement to, and extent of, any such equitable adjustment will take into account information (if any) regarding such other work that was provided to Contractor in the Contract Documents prior to the submittal of the Bid or the final negotiation of the terms of the Contract, and any remedies available to Contractor under Laws or Regulations concerning utility action or inaction. When applicable, any such equitable adjustment in Contract Price will be conditioned on Contractor assigning to Owner all Contractor's rights against such other contractor or utility owner with respect to the damage, delay, disruption, or interference that is the subject of the adjustment. Contractor's entitlement to an adjustment of the Contract Times or Contract Price is subject to the provisions of Paragraphs 4.05.D and 4.05.E.
- B. Contractor shall take reasonable and customary measures to avoid damaging, delaying, disrupting, or interfering with the work of Owner, any other contractor, or any utility owner performing other work at or adjacent to the Site.
 - 1. If Contractor fails to take such measures and as a result damages, delays, disrupts, or interferes with the work of any such other contractor or utility owner, then Owner may impose a set-off against payments due Contractor, and assign to such other contractor or utility owner the Owner's contractual rights against Contractor with respect to the breach of the obligations set forth in this Paragraph 8.03.B.

2. When Owner is performing other work at or adjacent to the Site with Owner's employees, Contractor shall be liable to Owner for damage to such other work, and for the reasonable direct delay, disruption, and interference costs incurred by Owner as a result of Contractor's failure to take reasonable and customary measures with respect to Owner's other work. In response to such damage, delay, disruption, or interference, Owner may impose a set-off against payments due Contractor.
- C. If Contractor damages, delays, disrupts, or interferes with the work of any other contractor, or any utility owner performing other work at or adjacent to the Site, through Contractor's failure to take reasonable and customary measures to avoid such impacts, or if any claim arising out of Contractor's actions, inactions, or negligence in performance of the Work at or adjacent to the Site is made by any such other contractor or utility owner against Contractor, Owner, or Engineer, then Contractor shall (1) promptly attempt to settle the claim as to all parties through negotiations with such other contractor or utility owner, or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law, and (2) indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against any such claims, and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such damage, delay, disruption, or interference.

ARTICLE 9—OWNER'S RESPONSIBILITIES

9.01 *Communications to Contractor*

- A. Except as otherwise provided in these General Conditions, Owner shall issue all communications to Contractor through Engineer.

9.02 *Replacement of Engineer*

- A. Owner may at its discretion appoint an engineer to replace Engineer, provided Contractor makes no reasonable objection to the replacement engineer. The replacement engineer's status under the Contract Documents will be that of the former Engineer.

9.03 *Furnish Data*

- A. Owner shall promptly furnish the data required of Owner under the Contract Documents.

9.04 *Pay When Due*

- A. Owner shall make payments to Contractor when they are due as provided in the Agreement.

9.05 *Lands and Easements; Reports, Tests, and Drawings*

- A. Owner's duties with respect to providing lands and easements are set forth in Paragraph 5.01.
- B. Owner's duties with respect to providing engineering surveys to establish reference points are set forth in Paragraph 4.03.
- C. Article 5 refers to Owner's identifying and making available to Contractor copies of reports of explorations and tests of conditions at the Site, and drawings of physical conditions relating to existing surface or subsurface structures at the Site.

9.06 *Insurance*

- A. Owner's responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 6.

9.07 *Change Orders*

A. Owner's responsibilities with respect to Change Orders are set forth in Article 11.

9.08 *Inspections, Tests, and Approvals*

A. Owner's responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 14.02.B.

9.09 *Limitations on Owner's Responsibilities*

A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

9.10 *Undisclosed Hazardous Environmental Condition*

A. Owner's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 5.06.

9.11 *Evidence of Financial Arrangements*

A. Upon request of Contractor, Owner shall furnish Contractor reasonable evidence that financial arrangements have been made to satisfy Owner's obligations under the Contract (including obligations under proposed changes in the Work).

9.12 *Safety Programs*

A. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed.

B. Owner shall furnish copies of any applicable Owner safety programs to Contractor.

See SC-9.12

ARTICLE 10—ENGINEER'S STATUS DURING CONSTRUCTION

10.01 *Owner's Representative*

A. Engineer will be Owner's representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in the Contract.

10.02 *Visits to Site*

A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe, as an experienced and qualified design professional, the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, Engineer will keep Owner informed of the progress of the Work and will endeavor to guard Owner against defective Work.

- B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 10.07. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

10.03 *Resident Project Representative*

- A. If Owner and Engineer have agreed that Engineer will furnish a Resident Project Representative to represent Engineer at the Site and assist Engineer in observing the progress and quality of the Work, then the authority and responsibilities of any such Resident Project Representative will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in the Supplementary Conditions and in Paragraph 10.07.
- B. If Owner designates an individual or entity who is not Engineer's consultant, agent, or employee to represent Owner at the Site, then the responsibilities and authority of such individual or entity will be as provided in the Supplementary Conditions.

10.04 *Engineer's Authority*

- A. Engineer has the authority to reject Work in accordance with Article 14.
- B. Engineer's authority as to Submittals is set forth in Paragraph 7.16.
- C. Engineer's authority as to design drawings, calculations, specifications, certifications and other Submittals from Contractor in response to Owner's delegation (if any) to Contractor of professional design services, is set forth in Paragraph 7.19.
- D. Engineer's authority as to changes in the Work is set forth in Article 11.
- E. Engineer's authority as to Applications for Payment is set forth in Article 15.

10.05 *Determinations for Unit Price Work*

- A. ~~Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor as set forth in Paragraph 13.03. See SC-10.05~~

10.06 *Decisions on Requirements of Contract Documents and Acceptability of Work*

- A. Engineer will render decisions regarding the requirements of the Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth herein for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.

10.07 *Limitations on Engineer's Authority and Responsibilities*

- A. Neither Engineer's authority or responsibility under this Article 10 or under any other provision of the Contract, nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer, will create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.

- B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.
- C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. Engineer's review of the final Application for Payment and accompanying documentation, and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Contractor under Paragraph 15.06.A, will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals, that the results certified indicate compliance with the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 10.07 also apply to the Resident Project Representative, if any.

See SC-10.07

10.08 *Compliance with Safety Program*

- A. While at the Site, Engineer's employees and representatives will comply with the specific applicable requirements of Owner's and Contractor's safety programs of which Engineer has been informed.

ARTICLE 11—CHANGES TO THE CONTRACT

11.01 *Amending and Supplementing the Contract*

- A. The Contract may be amended or supplemented by a Change Order, a Work Change Directive, or a Field Order.
- B. If an amendment or supplement to the Contract includes a change in the Contract Price or the Contract Times, such amendment or supplement must be set forth in a Change Order.
- C. All changes to the Contract that involve (1) the performance or acceptability of the Work, (2) the design (as set forth in the Drawings, Specifications, or otherwise), or (3) other engineering or technical matters, must be supported by Engineer's recommendation. Owner and Contractor may amend other terms and conditions of the Contract without the recommendation of the Engineer.

See SC-11.07

11.02 *Change Orders*

- A. Owner and Contractor shall execute appropriate Change Orders covering:
 - 1. Changes in Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive;
 - 2. Changes in Contract Price resulting from an Owner set-off, unless Contractor has duly contested such set-off;
 - 3. Changes in the Work which are: (a) ordered by Owner pursuant to Paragraph 11.05, (b) required because of Owner's acceptance of defective Work under Paragraph 14.04 or

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Owner's correction of defective Work under Paragraph 14.07, or (c) agreed to by the parties, subject to the need for Engineer's recommendation if the change in the Work involves the design (as set forth in the Drawings, Specifications, or otherwise) or other engineering or technical matters; and

4. Changes that embody the substance of any final and binding results under: Paragraph 11.03.B, resolving the impact of a Work Change Directive; Paragraph 11.09, concerning Change Proposals; Article 12, Claims; Paragraph 13.02.D, final adjustments resulting from allowances; Paragraph 13.03.D, final adjustments relating to determination of quantities for Unit Price Work; and similar provisions.
- B. If Owner or Contractor refuses to execute a Change Order that is required to be executed under the terms of Paragraph 11.02.A, it will be deemed to be of full force and effect, as if fully executed.

11.03 *Work Change Directives*

- A. A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the modification ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order, following negotiations by the parties as to the Work Change Directive's effect, if any, on the Contract Price and Contract Times; or, if negotiations are unsuccessful, by a determination under the terms of the Contract Documents governing adjustments, expressly including Paragraph 11.07 regarding change of Contract Price.
- B. If Owner has issued a Work Change Directive and:
1. Contractor believes that an adjustment in Contract Times or Contract Price is necessary, then Contractor shall submit any Change Proposal seeking such an adjustment no later than 30 days after the completion of the Work set out in the Work Change Directive.
 2. Owner believes that an adjustment in Contract Times or Contract Price is necessary, then Owner shall submit any Claim seeking such an adjustment no later than 60 days after issuance of the Work Change Directive.

11.04 *Field Orders*

- A. Engineer may authorize minor changes in the Work if the changes do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Such changes will be accomplished by a Field Order and will be binding on Owner and also on Contractor, which shall perform the Work involved promptly.
- B. If Contractor believes that a Field Order justifies an adjustment in the Contract Price or Contract Times, then before proceeding with the Work at issue, Contractor shall submit a Change Proposal as provided herein.

11.05 *Owner-Authorized Changes in the Work*

- A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work. Changes involving the design (as set forth in the Drawings, Specifications, or otherwise) or other engineering or technical matters will be supported by Engineer's recommendation.
- B. Such changes in the Work may be accomplished by a Change Order, if Owner and Contractor have agreed as to the effect, if any, of the changes on Contract Times or Contract Price; or by a Work Change Directive. Upon receipt of any such document, Contractor shall promptly

proceed with the Work involved; or, in the case of a deletion in the Work, promptly cease construction activities with respect to such deleted Work. Added or revised Work must be performed under the applicable conditions of the Contract Documents.

- C. Nothing in this Paragraph 11.05 obligates Contractor to undertake work that Contractor reasonably concludes cannot be performed in a manner consistent with Contractor's safety obligations under the Contract Documents or Laws and Regulations.

11.06 *Unauthorized Changes in the Work*

- A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents, as amended, modified, or supplemented, except in the case of an emergency as provided in Paragraph 7.15 or in the case of uncovering Work as provided in Paragraph 14.05.C.2.

11.07 *Change of Contract Price*

- A. The Contract Price may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Price must comply with the provisions of Paragraph 11.09. Any Claim for an adjustment of Contract Price must comply with the provisions of Article 12.
- B. An adjustment in the Contract Price will be determined as follows:
 - 1. Where the Work involved is covered by unit prices contained in the Contract Documents, then by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 13.03);
 - 2. Where the Work involved is not covered by unit prices contained in the Contract Documents, then by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 11.07.C.2); or
 - 3. Where the Work involved is not covered by unit prices contained in the Contract Documents and the parties do not reach mutual agreement to a lump sum, then on the basis of the Cost of the Work (determined as provided in Paragraph 13.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 11.07.C).
- C. *Contractor's Fee*: When applicable, the Contractor's fee for overhead and profit will be determined as follows:
 - 1. A mutually acceptable fixed fee; or
 - 2. If a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:
 - a. For costs incurred under Paragraphs 13.01.B.1 and 13.01.B.2, the Contractor's fee will be 15 percent;
 - b. For costs incurred under Paragraph 13.01.B.3, the Contractor's fee will be 5 percent;
 - c. Where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraphs 11.07.C.2.a and 11.07.C.2.b is that the Contractor's fee will be based on: (1) a fee of 15 percent of the costs incurred under Paragraphs 13.01.B.1 and 13.01.B.2 by the Subcontractor that actually performs the Work, at whatever tier, and (2) with respect to Contractor itself and to any Subcontractors of a tier higher than that of the Subcontractor that actually performs the Work, a fee of 5 percent of the amount (fee plus underlying costs incurred) attributable to the next lower tier Subcontractor; provided, however, that for any such

subcontracted Work the maximum total fee to be paid by Owner will be no greater than 27 percent of the costs incurred by the Subcontractor that actually performs the Work;

- d. No fee will be payable on the basis of costs itemized under Paragraphs 13.01.B.4, 13.01.B.5, and 13.01.C;
- e. The amount of credit to be allowed by Contractor to Owner for any change which results in a net decrease in Cost of the Work will be the amount of the actual net decrease in Cost of the Work and a deduction of an additional amount equal to 5 percent of such actual net decrease in Cost of the Work; and
- f. When both additions and credits are involved in any one change or Change Proposal, the adjustment in Contractor's fee will be computed by determining the sum of the costs in each of the cost categories in Paragraph 13.01.B (specifically, payroll costs, Paragraph 13.01.B.1; incorporated materials and equipment costs, Paragraph 13.01.B.2; Subcontract costs, Paragraph 13.01.B.3; special consultants costs, Paragraph 13.01.B.4; and other costs, Paragraph 13.01.B.5) and applying to each such cost category sum the appropriate fee from Paragraphs 11.07.C.2.a through 11.07.C.2.e, inclusive.

11.08 *Change of Contract Times*

- A. The Contract Times may only be changed by a Change Order. Any Change Proposal for an adjustment in the Contract Times must comply with the provisions of Paragraph 11.09. Any Claim for an adjustment in the Contract Times must comply with the provisions of Article 12.
- B. Delay, disruption, and interference in the Work, and any related changes in Contract Times, are addressed in and governed by Paragraph 4.05.

11.09 *Change Proposals*

- A. *Purpose and Content:* Contractor shall submit a Change Proposal to Engineer to request an adjustment in the Contract Times or Contract Price; contest an initial decision by Engineer concerning the requirements of the Contract Documents or relating to the acceptability of the Work under the Contract Documents; challenge a set-off against payment due; or seek other relief under the Contract. The Change Proposal will specify any proposed change in Contract Times or Contract Price, or other proposed relief, and explain the reason for the proposed change, with citations to any governing or applicable provisions of the Contract Documents. Each Change Proposal will address only one issue, or a set of closely related issues.
- B. *Change Proposal Procedures*
 - 1. *Submittal:* Contractor shall submit each Change Proposal to Engineer within 30 days after the start of the event giving rise thereto, or after such initial decision.
 - 2. *Supporting Data:* The Contractor shall submit supporting data, including the proposed change in Contract Price or Contract Time (if any), to the Engineer and Owner within 15 days after the submittal of the Change Proposal.
 - a. Change Proposals based on or related to delay, interruption, or interference must comply with the provisions of Paragraphs 4.05.D and 4.05.E.
 - b. Change proposals related to a change of Contract Price must include full and detailed accounts of materials incorporated into the Work and labor and equipment used for the subject Work.

The supporting data must be accompanied by a written statement that the supporting data are accurate and complete, and that any requested time or price adjustment is the entire adjustment to which Contractor believes it is entitled as a result of said event.

3. *Engineer's Initial Review*: Engineer will advise Owner regarding the Change Proposal, and consider any comments or response from Owner regarding the Change Proposal. If in its discretion Engineer concludes that additional supporting data is needed before conducting a full review and making a decision regarding the Change Proposal, then Engineer may request that Contractor submit such additional supporting data by a date specified by Engineer, prior to Engineer beginning its full review of the Change Proposal.
 4. *Engineer's Full Review and Action on the Change Proposal*: Upon receipt of Contractor's supporting data (including any additional data requested by Engineer), Engineer will conduct a full review of each Change Proposal and, within 30 days after such receipt of the Contractor's supporting data, either approve the Change Proposal in whole, deny it in whole, or approve it in part and deny it in part. Such actions must be in writing, with a copy provided to Owner and Contractor. If Engineer does not take action on the Change Proposal within 30 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of Engineer's inaction the Change Proposal is deemed denied, thereby commencing the time for appeal of the denial under Article 12.
 5. *Binding Decision*: Engineer's decision is final and binding upon Owner and Contractor, unless Owner or Contractor appeals the decision by filing a Claim under Article 12.
- C. *Resolution of Certain Change Proposals*: If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties in writing that the Engineer is unable to resolve the Change Proposal. For purposes of further resolution of such a Change Proposal, such notice will be deemed a denial, and Contractor may choose to seek resolution under the terms of Article 12.
- D. *Post-Completion*: Contractor shall not submit any Change Proposals after Engineer issues a written recommendation of final payment pursuant to Paragraph 15.06.B.

11.10 *Notification to Surety*

- A. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

ARTICLE 12—CLAIMS

12.01 *Claims*

- A. *Claims Process*: The following disputes between Owner and Contractor are subject to the Claims process set forth in this article:
1. Appeals by Owner or Contractor of Engineer's decisions regarding Change Proposals;
 2. Owner demands for adjustments in the Contract Price or Contract Times, or other relief under the Contract Documents;

3. Disputes that Engineer has been unable to address because they do not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters; and
 4. Subject to the waiver provisions of Paragraph 15.07, any dispute arising after Engineer has issued a written recommendation of final payment pursuant to Paragraph 15.06.B.
- B. *Submittal of Claim:* The party submitting a Claim shall deliver it directly to the other party to the Contract promptly (but in no event later than 30 days) after the start of the event giving rise thereto; in the case of appeals regarding Change Proposals within 30 days of the decision under appeal. The party submitting the Claim shall also furnish a copy to the Engineer, for its information only. The responsibility to substantiate a Claim rests with the party making the Claim. In the case of a Claim by Contractor seeking an increase in the Contract Times or Contract Price, Contractor shall certify that the Claim is made in good faith, that the supporting data are accurate and complete, and that to the best of Contractor's knowledge and belief the amount of time or money requested accurately reflects the full amount to which Contractor is entitled.
- C. *Review and Resolution:* The party receiving a Claim shall review it thoroughly, giving full consideration to its merits. The two parties shall seek to resolve the Claim through the exchange of information and direct negotiations. The parties may extend the time for resolving the Claim by mutual agreement. All actions taken on a Claim will be stated in writing and submitted to the other party, with a copy to Engineer.
- D. *Mediation*
1. At any time after initiation of a Claim, Owner and Contractor may mutually agree to mediation of the underlying dispute. The agreement to mediate will stay the Claim submittal and response process.
 2. If Owner and Contractor agree to mediation, then after 60 days from such agreement, either Owner or Contractor may unilaterally terminate the mediation process, and the Claim submittal and decision process will resume as of the date of the termination. If the mediation proceeds but is unsuccessful in resolving the dispute, the Claim submittal and decision process will resume as of the date of the conclusion of the mediation, as determined by the mediator.
 3. Owner and Contractor shall each pay one-half of the mediator's fees and costs.
- E. *Partial Approval:* If the party receiving a Claim approves the Claim in part and denies it in part, such action will be final and binding unless within 30 days of such action the other party invokes the procedure set forth in Article 17 for final resolution of disputes.
- F. *Denial of Claim:* If efforts to resolve a Claim are not successful, the party receiving the Claim may deny it by giving written notice of denial to the other party. If the receiving party does not take action on the Claim within 90 days, then either Owner or Contractor may at any time thereafter submit a letter to the other party indicating that as a result of the inaction, the Claim is deemed denied, thereby commencing the time for appeal of the denial. A denial of the Claim will be final and binding unless within 30 days of the denial the other party invokes the procedure set forth in Article 17 for the final resolution of disputes.
- G. *Final and Binding Results:* If the parties reach a mutual agreement regarding a Claim, whether through approval of the Claim, direct negotiations, mediation, or otherwise; or if a Claim is approved in part and denied in part, or denied in full, and such actions become final and binding; then the results of the agreement or action on the Claim will be incorporated in a

Change Order or other written document to the extent they affect the Contract, including the Work, the Contract Times, or the Contract Price.

ARTICLE 13—COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

13.01 *Cost of the Work*

- A. *Purposes for Determination of Cost of the Work:* The term Cost of the Work means the sum of all costs necessary for the proper performance of the Work at issue, as further defined below. The provisions of this Paragraph 13.01 are used for two distinct purposes:
1. To determine Cost of the Work when Cost of the Work is a component of the Contract Price, under cost-plus-fee, time-and-materials, or other cost-based terms; or
 2. When needed to determine the value of a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price. When the value of any such adjustment is determined on the basis of Cost of the Work, Contractor is entitled only to those additional or incremental costs required because of the change in the Work or because of the event giving rise to the adjustment.
- B. *Costs Included:* Except as otherwise may be agreed to in writing by Owner, costs included in the Cost of the Work will be in amounts no higher than those commonly incurred in the locality of the Project, will not include any of the costs itemized in Paragraph 13.01.C, and will include only the following items:
1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Owner and Contractor in advance of the subject Work. Such employees include, without limitation, superintendents, foremen, safety managers, safety representatives, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on the Work will be apportioned on the basis of their time spent on the Work. Payroll costs include, but are not limited to, salaries and wages plus the cost of fringe benefits, which include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, sick leave, and vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, will be included in the above to the extent authorized by Owner.
 2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts accrue to Contractor unless Owner deposits funds with Contractor with which to make payments, in which case the cash discounts will accrue to Owner. All trade discounts, rebates, and refunds and returns from sale of surplus materials and equipment will accrue to Owner, and Contractor shall make provisions so that they may be obtained.
 3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Owner, Contractor shall obtain competitive bids from subcontractors acceptable to Owner and Contractor and shall deliver such bids to Owner, which will then determine, with the advice of Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee will be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 13.01.

4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed or retained for services specifically related to the Work.
5. Other costs consisting of the following:
 - a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.
 - b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.
 - 1) In establishing included costs for materials such as scaffolding, plating, or sheeting, consideration will be given to the actual or the estimated life of the material for use on other projects; or rental rates may be established on the basis of purchase or salvage value of such items, whichever is less. Contractor will not be eligible for compensation for such items in an amount that exceeds the purchase cost of such item.
 - c. *Construction Equipment Rental*
 - 1) Rentals of all construction equipment and machinery, and the parts thereof, in accordance with rental agreements approved by Owner as to price (including any surcharge or special rates applicable to overtime use of the construction equipment or machinery), and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs will be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts must cease when the use thereof is no longer necessary for the Work.
 - 2) Costs for equipment and machinery owned by Contractor or a Contractor-related entity will be paid at a rate shown for such equipment in the equipment rental rate book specified in the Supplementary Conditions. An hourly rate will be computed by dividing the monthly rates by 176. These computed rates will include all operating costs.
 - 3) With respect to Work that is the result of a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price ("changed Work"), included costs will be based on the time the equipment or machinery is in use on the changed Work and the costs of transportation, loading, unloading, assembly, dismantling, and removal when directly attributable to the changed Work. The cost of any such equipment or machinery, or parts thereof, must cease to accrue when the use thereof is no longer necessary for the changed Work.
 - d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.
 - e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
 - f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of builder's risk or other property insurance established in accordance with

Article 6), provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses include settlements made with the written consent and approval of Owner. No such losses, damages, and expenses will be included in the Cost of the Work for the purpose of determining Contractor's fee.

- g. The cost of utilities, fuel, and sanitary facilities at the Site.
- h. Minor expenses such as communication service at the Site, express and courier services, and similar petty cash items in connection with the Work.
- i. The costs of premiums for all bonds and insurance that Contractor is required by the Contract Documents to purchase and maintain.

C. *Costs Excluded:* The term Cost of the Work does not include any of the following items:

- 1. Payroll costs and other compensation of Contractor's officers, executives, principals, general managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 13.01.B.1 or specifically covered by Paragraph 13.01.B.4. The payroll costs and other compensation excluded here are to be considered administrative costs covered by the Contractor's fee.
- 2. The cost of purchasing, renting, or furnishing small tools and hand tools.
- 3. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
- 4. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.
- 5. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
- 6. Expenses incurred in preparing and advancing Claims.
- 7. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraph 13.01.B.

D. *Contractor's Fee*

- 1. When the Work as a whole is performed on the basis of cost-plus-a-fee, then:
 - a. Contractor's fee for the Work set forth in the Contract Documents as of the Effective Date of the Contract will be determined as set forth in the Agreement.
 - b. for any Work covered by a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price on the basis of Cost of the Work, Contractor's fee will be determined as follows:
 - 1) When the fee for the Work as a whole is a percentage of the Cost of the Work, the fee will automatically adjust as the Cost of the Work changes.

- 2) When the fee for the Work as a whole is a fixed fee, the fee for any additions or deletions will be determined in accordance with Paragraph 11.07.C.2.
2. When the Work as a whole is performed on the basis of a stipulated sum, or any other basis other than cost-plus-a-fee, then Contractor's fee for any Work covered by a Change Order, Change Proposal, Claim, set-off, or other adjustment in Contract Price on the basis of Cost of the Work will be determined in accordance with Paragraph 11.07.C.2.
- E. *Documentation and Audit*: Whenever the Cost of the Work for any purpose is to be determined pursuant to this Article 13, Contractor and pertinent Subcontractors will establish and maintain records of the costs in accordance with generally accepted accounting practices. Subject to prior written notice, Owner will be afforded reasonable access, during normal business hours, to all Contractor's accounts, records, books, correspondence, instructions, drawings, receipts, vouchers, memoranda, and similar data relating to the Cost of the Work and Contractor's fee. Contractor shall preserve all such documents for a period of three years after the final payment by Owner. Pertinent Subcontractors will afford such access to Owner, and preserve such documents, to the same extent required of Contractor.

13.02 *Allowances*

- A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.
- B. *Cash Allowances*: Contractor agrees that:
 1. the cash allowances include the cost to Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and
 2. Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment for any of the foregoing will be valid.
- C. *Owner's Contingency Allowance*: Contractor agrees that an Owner's contingency allowance, if any, is for the sole use of Owner to cover unanticipated costs.
- D. Prior to final payment, an appropriate Change Order will be issued as recommended by Engineer to reflect actual amounts due Contractor for Work covered by allowances, and the Contract Price will be correspondingly adjusted.

13.03 *Unit Price Work*

- A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.
- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Payments to Contractor for Unit Price Work will be based on actual quantities.
- C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.
- D. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Engineer's preliminary determinations

on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Engineer's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Owner and Contractor, and the final adjustment of Contract Price will be set forth in a Change Order, subject to the provisions of the following paragraph.

E. *Adjustments in Unit Price*

1. Contractor or Owner shall be entitled to an adjustment in the unit price with respect to an item of Unit Price Work if:
 - a. the quantity of the item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement; and
 - b. Contractor's unit costs to perform the item of Unit Price Work have changed materially and significantly as a result of the quantity change.
2. The adjustment in unit price will account for and be coordinated with any related changes in quantities of other items of Work, and in Contractor's costs to perform such other Work, such that the resulting overall change in Contract Price is equitable to Owner and Contractor.
3. Adjusted unit prices will apply to all units of that item.

ARTICLE 14—TESTS AND INSPECTIONS; CORRECTION, REMOVAL, OR ACCEPTANCE OF DEFECTIVE WORK

14.01 *Access to Work*

- A. Owner, Engineer, their consultants and other representatives and personnel of Owner, independent testing laboratories, and authorities having jurisdiction have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply with such procedures and programs as applicable.

14.02 *Tests, Inspections, and Approvals*

- A. Contractor shall give Engineer timely notice of readiness of the Work (or specific parts thereof) for all required inspections and tests, and shall cooperate with inspection and testing personnel to facilitate required inspections and tests.
- B. Owner shall retain and pay for the services of an independent inspector, testing laboratory, or other qualified individual or entity to perform all inspections and tests expressly required by the Contract Documents to be furnished and paid for by Owner, except that costs incurred in connection with tests or inspections of covered Work will be governed by the provisions of Paragraph 14.05.
- C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Engineer the required certificates of inspection or approval.

- D. Contractor shall be responsible for arranging, obtaining, and paying for all inspections and tests required:
1. by the Contract Documents, unless the Contract Documents expressly allocate responsibility for a specific inspection or test to Owner;
 2. to attain Owner's and Engineer's acceptance of materials or equipment to be incorporated in the Work;
 3. by manufacturers of equipment furnished under the Contract Documents;
 4. for testing, adjusting, and balancing of mechanical, electrical, and other equipment to be incorporated into the Work; and
 5. for acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work.

Such inspections and tests will be performed by independent inspectors, testing laboratories, or other qualified individuals or entities acceptable to Owner and Engineer.

- E. If the Contract Documents require the Work (or part thereof) to be approved by Owner, Engineer, or another designated individual or entity, then Contractor shall assume full responsibility for arranging and obtaining such approvals.
- F. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation. Such uncovering will be at Contractor's expense unless Contractor had given Engineer timely notice of Contractor's intention to cover the same and Engineer had not acted with reasonable promptness in response to such notice.

14.03 *Defective Work*

- A. *Contractor's Obligation:* It is Contractor's obligation to assure that the Work is not defective.
- B. *Engineer's Authority:* Engineer has the authority to determine whether Work is defective, and to reject defective Work.
- C. *Notice of Defects:* Prompt written notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor.
- D. *Correction, or Removal and Replacement:* Promptly after receipt of written notice of defective Work, Contractor shall correct all such defective Work, whether or not fabricated, installed, or completed, or, if Engineer has rejected the defective Work, remove it from the Project and replace it with Work that is not defective.
- E. *Preservation of Warranties:* When correcting defective Work, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.
- F. *Costs and Damages:* In addition to its correction, removal, and replacement obligations with respect to defective Work, Contractor shall pay all claims, costs, losses, and damages arising out of or relating to defective Work, including but not limited to the cost of the inspection, testing, correction, removal, replacement, or reconstruction of such defective Work, fines levied against Owner by governmental authorities because the Work is defective, and the costs of repair or replacement of work of others resulting from defective Work. Prior to final payment, if Owner and Contractor are unable to agree as to the measure of such claims, costs, losses, and damages resulting from defective Work, then Owner may impose a reasonable set-off against payments due under Article 15.

14.04 *Acceptance of Defective Work*

- A. If, instead of requiring correction or removal and replacement of defective Work, Owner prefers to accept it, Owner may do so (subject, if such acceptance occurs prior to final payment, to Engineer's confirmation that such acceptance is in general accord with the design intent and applicable engineering principles, and will not endanger public safety). Contractor shall pay all claims, costs, losses, and damages attributable to Owner's evaluation of and determination to accept such defective Work (such costs to be approved by Engineer as to reasonableness), and for the diminished value of the Work to the extent not otherwise paid by Contractor. If any such acceptance occurs prior to final payment, the necessary revisions in the Contract Documents with respect to the Work will be incorporated in a Change Order. If the parties are unable to agree as to the decrease in the Contract Price, reflecting the diminished value of Work so accepted, then Owner may impose a reasonable set-off against payments due under Article 15. If the acceptance of defective Work occurs after final payment, Contractor shall pay an appropriate amount to Owner.

14.05 *Uncovering Work*

- A. Engineer has the authority to require additional inspection or testing of the Work, whether or not the Work is fabricated, installed, or completed.
- B. If any Work is covered contrary to the written request of Engineer, then Contractor shall, if requested by Engineer, uncover such Work for Engineer's observation, and then replace the covering, all at Contractor's expense.
- C. If Engineer considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, then Contractor, at Engineer's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as Engineer may require, that portion of the Work in question, and provide all necessary labor, material, and equipment.
 1. If it is found that the uncovered Work is defective, Contractor shall be responsible for all claims, costs, losses, and damages arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and pending Contractor's full discharge of this responsibility the Owner shall be entitled to impose a reasonable set-off against payments due under Article 15.
 2. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, then Contractor may submit a Change Proposal within 30 days of the determination that the Work is not defective.

14.06 *Owner May Stop the Work*

- A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, then Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work will not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

14.07 *Owner May Correct Defective Work*

- A. If Contractor fails within a reasonable time after written notice from Engineer to correct defective Work, or to remove and replace defective Work as required by Engineer, then Owner may, after 7 days' written notice to Contractor, correct or remedy any such deficiency.
- B. In exercising the rights and remedies under this Paragraph 14.07, Owner shall proceed expeditiously. In connection with such corrective or remedial action, Owner may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, and incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, Owner's representatives, agents and employees, Owner's other contractors, and Engineer and Engineer's consultants access to the Site to enable Owner to exercise the rights and remedies under this paragraph.
- C. All claims, costs, losses, and damages incurred or sustained by Owner in exercising the rights and remedies under this Paragraph 14.07 will be charged against Contractor as set-offs against payments due under Article 15. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.
- D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Owner of Owner's rights and remedies under this Paragraph 14.07.

ARTICLE 15—PAYMENTS TO CONTRACTOR; SET-OFFS; COMPLETION; CORRECTION PERIOD

15.01 *Progress Payments*

- A. *Basis for Progress Payments:* The Schedule of Values established as provided in Article 2 will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Engineer. Progress payments for Unit Price Work will be based on the number of units completed during the pay period, as determined under the provisions of Paragraph 13.03. Progress payments for cost-based Work will be based on Cost of the Work completed by Contractor during the pay period.
- B. *Applications for Payments*
 - 1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Engineer for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents.
 - 2. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment must also be accompanied by: (a) a bill of sale, invoice, copies of subcontract or purchase order payments, or other documentation establishing full payment by Contractor for the materials and equipment; (b) at Owner's request, documentation warranting that Owner has received the materials and equipment free and clear of all Liens; and (c) evidence that the materials and equipment are covered by appropriate property insurance, a warehouse bond, or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.

3. Beginning with the second Application for Payment, each Application must include an affidavit of Contractor stating that all previous progress payments received by Contractor have been applied to discharge Contractor's legitimate obligations associated with prior Applications for Payment.
4. The amount of retainage with respect to progress payments will be as stipulated in the Agreement.

C. *Review of Applications*

1. Engineer will, within 10 days after receipt of each Application for Payment, including each resubmittal, either indicate in writing a recommendation of payment and present the Application to Owner, or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.
2. Engineer's recommendation of any payment requested in an Application for Payment will constitute a representation by Engineer to Owner, based on Engineer's observations of the executed Work as an experienced and qualified design professional, and on Engineer's review of the Application for Payment and the accompanying data and schedules, that to the best of Engineer's knowledge, information and belief:
 - a. the Work has progressed to the point indicated;
 - b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 13.03, and any other qualifications stated in the recommendation); and
 - c. the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work.
3. By recommending any such payment Engineer will not thereby be deemed to have represented that:
 - a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Contract; or
 - b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Owner or entitle Owner to withhold payment to Contractor.
4. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment, including final payment, will impose responsibility on Engineer:
 - a. to supervise, direct, or control the Work;
 - b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto;
 - c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work;

- d. to make any examination to ascertain how or for what purposes Contractor has used the money paid by Owner; or
 - e. to determine that title to any of the Work, materials, or equipment has passed to Owner free and clear of any Liens.
5. Engineer may refuse to recommend the whole or any part of any payment if, in Engineer's opinion, it would be incorrect to make the representations to Owner stated in Paragraph 15.01.C.2.
 6. Engineer will recommend reductions in payment (set-offs) necessary in Engineer's opinion to protect Owner from loss because:
 - a. the Work is defective, requiring correction or replacement;
 - b. the Contract Price has been reduced by Change Orders;
 - c. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;
 - d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible; or
 - e. Engineer has actual knowledge of the occurrence of any of the events that would constitute a default by Contractor and therefore justify termination for cause under the Contract Documents.

D. Payment Becomes Due

1. Ten days after presentation of the Application for Payment to Owner with Engineer's recommendation, the amount recommended (subject to any Owner set-offs) will become due, and when due will be paid by Owner to Contractor.

E. Reductions in Payment by Owner

1. In addition to any reductions in payment (set-offs) recommended by Engineer, Owner is entitled to impose a set-off against payment based on any of the following:
 - a. Claims have been made against Owner based on Contractor's conduct in the performance or furnishing of the Work, or Owner has incurred costs, losses, or damages resulting from Contractor's conduct in the performance or furnishing of the Work, including but not limited to claims, costs, losses, or damages from workplace injuries, adjacent property damage, non-compliance with Laws and Regulations, and patent infringement;
 - b. Contractor has failed to take reasonable and customary measures to avoid damage, delay, disruption, and interference with other work at or adjacent to the Site;
 - c. Contractor has failed to provide and maintain required bonds or insurance;
 - d. Owner has been required to remove or remediate a Hazardous Environmental Condition for which Contractor is responsible;
 - e. Owner has incurred extra charges or engineering costs related to submittal reviews, evaluations of proposed substitutes, tests and inspections, or return visits to manufacturing or assembly facilities;
 - f. The Work is defective, requiring correction or replacement;
 - g. Owner has been required to correct defective Work in accordance with Paragraph 14.07, or has accepted defective Work pursuant to Paragraph 14.04;

- h. The Contract Price has been reduced by Change Orders;
 - i. An event has occurred that would constitute a default by Contractor and therefore justify a termination for cause;
 - j. Liquidated or other damages have accrued as a result of Contractor's failure to achieve Milestones, Substantial Completion, or final completion of the Work;
 - k. Liens have been filed in connection with the Work, except where Contractor has delivered a specific bond satisfactory to Owner to secure the satisfaction and discharge of such Liens; or
 - l. Other items entitle Owner to a set-off against the amount recommended.
2. If Owner imposes any set-off against payment, whether based on its own knowledge or on the written recommendations of Engineer, Owner will give Contractor immediate written notice (with a copy to Engineer) stating the reasons for such action and the specific amount of the reduction, and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Owner shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Owner and Contractor, if Contractor remedies the reasons for such action. The reduction imposed will be binding on Contractor unless it duly submits a Change Proposal contesting the reduction.
 3. Upon a subsequent determination that Owner's refusal of payment was not justified, the amount wrongfully withheld will be treated as an amount due as determined by Paragraph 15.01.D.1 and subject to interest as provided in the Agreement.

15.02 *Contractor's Warranty of Title*

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment furnished under the Contract will pass to Owner free and clear of (1) all Liens and other title defects, and (2) all patent, licensing, copyright, or royalty obligations, no later than 7 days after the time of payment by Owner.

15.03 *Substantial Completion*

- A. When Contractor considers the entire Work ready for its intended use Contractor shall notify Owner and Engineer in writing that the entire Work is substantially complete and request that Engineer issue a certificate of Substantial Completion. Contractor shall at the same time submit to Owner and Engineer an initial draft of punch list items to be completed or corrected before final payment.
- B. Promptly after Contractor's notification, Owner, Contractor, and Engineer shall make an inspection of the Work to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor in writing giving the reasons therefor.
- C. If Engineer considers the Work substantially complete, Engineer will deliver to Owner a preliminary certificate of Substantial Completion which will fix the date of Substantial Completion. Engineer shall attach to the certificate a punch list of items to be completed or corrected before final payment. Owner shall have 7 days after receipt of the preliminary certificate during which to make written objection to Engineer as to any provisions of the certificate or attached punch list. If, after considering the objections to the provisions of the preliminary certificate, Engineer concludes that the Work is not substantially complete, Engineer will, within 14 days after submission of the preliminary certificate to Owner, notify Contractor in writing that the Work is not substantially complete, stating the reasons therefor. If Owner does not object to the provisions of the certificate, or if despite consideration of

Owner's objections Engineer concludes that the Work is substantially complete, then Engineer will, within said 14 days, execute and deliver to Owner and Contractor a final certificate of Substantial Completion (with a revised punch list of items to be completed or corrected) reflecting such changes from the preliminary certificate as Engineer believes justified after consideration of any objections from Owner.

- D. At the time of receipt of the preliminary certificate of Substantial Completion, Owner and Contractor will confer regarding Owner's use or occupancy of the Work following Substantial Completion, review the builder's risk insurance policy with respect to the end of the builder's risk coverage, and confirm the transition to coverage of the Work under a permanent property insurance policy held by Owner. Unless Owner and Contractor agree otherwise in writing, Owner shall bear responsibility for security, operation, protection of the Work, property insurance, maintenance, heat, and utilities upon Owner's use or occupancy of the Work.
- E. After Substantial Completion the Contractor shall promptly begin work on the punch list of items to be completed or corrected prior to final payment. In appropriate cases Contractor may submit monthly Applications for Payment for completed punch list items, following the progress payment procedures set forth above.
- F. Owner shall have the right to exclude Contractor from the Site after the date of Substantial Completion subject to allowing Contractor reasonable access to remove its property and complete or correct items on the punch list.

15.04 *Partial Use or Occupancy*

- A. Prior to Substantial Completion of all the Work, Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which Owner, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Owner for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:
 - 1. At any time, Owner may request in writing that Contractor permit Owner to use or occupy any such part of the Work that Owner believes to be substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Owner, and Engineer will follow the procedures of Paragraph 15.03.A through 15.03.E for that part of the Work.
 - 2. At any time, Contractor may notify Owner and Engineer in writing that Contractor considers any such part of the Work substantially complete and request Engineer to issue a certificate of Substantial Completion for that part of the Work.
 - 3. Within a reasonable time after either such request, Owner, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Engineer does not consider that part of the Work to be substantially complete, Engineer will notify Owner and Contractor in writing giving the reasons therefor. If Engineer considers that part of the Work to be substantially complete, the provisions of Paragraph 15.03 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.
 - 4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Article 6 regarding builder's risk or other property insurance.

15.05 *Final Inspection*

- A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work, or agreed portion thereof, is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

15.06 *Final Payment*

A. *Application for Payment*

1. After Contractor has, in the opinion of Engineer, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, annotated record documents (as provided in Paragraph 7.12), and other documents, Contractor may make application for final payment.
 2. The final Application for Payment must be accompanied (except as previously delivered) by:
 - a. all documentation called for in the Contract Documents;
 - b. consent of the surety, if any, to final payment;
 - c. satisfactory evidence that all title issues have been resolved such that title to all Work, materials, and equipment has passed to Owner free and clear of any Liens or other title defects, or will so pass upon final payment.
 - d. a list of all duly pending Change Proposals and Claims; and
 - e. complete and legally effective releases or waivers (satisfactory to Owner) of all Lien rights arising out of the Work, and of Liens filed in connection with the Work.
 3. In lieu of the releases or waivers of Liens specified in Paragraph 15.06.A.2 and as approved by Owner, Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (a) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (b) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which Owner might in any way be responsible, or which might in any way result in liens or other burdens on Owner's property, have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Owner to indemnify Owner against any Lien, or Owner at its option may issue joint checks payable to Contractor and specified Subcontractors and Suppliers.
- B. *Engineer's Review of Final Application and Recommendation of Payment:* If, on the basis of Engineer's observation of the Work during construction and final inspection, and Engineer's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Engineer is satisfied that the Work has been completed and Contractor's other obligations under the Contract have been fulfilled, Engineer will, within 10 days after receipt of the final Application for Payment, indicate in writing Engineer's recommendation of final payment and present the final Application for Payment to Owner for payment. Such recommendation will account for any set-offs against payment that are necessary in Engineer's opinion to protect Owner from loss for the reasons stated above with respect to progress payments. Otherwise, Engineer will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which

case Contractor shall make the necessary corrections and resubmit the Application for Payment.

- C. *Notice of Acceptability*: In support of its recommendation of payment of the final Application for Payment, Engineer will also give written notice to Owner and Contractor that the Work is acceptable, subject to stated limitations in the notice and to the provisions of Paragraph 15.07.
- D. *Completion of Work*: The Work is complete (subject to surviving obligations) when it is ready for final payment as established by the Engineer's written recommendation of final payment and issuance of notice of the acceptability of the Work.
- E. *Final Payment Becomes Due*: Upon receipt from Engineer of the final Application for Payment and accompanying documentation, Owner shall set off against the amount recommended by Engineer for final payment any further sum to which Owner is entitled, including but not limited to set-offs for liquidated damages and set-offs allowed under the provisions of this Contract with respect to progress payments. Owner shall pay the resulting balance due to Contractor within 30 days of Owner's receipt of the final Application for Payment from Engineer.

15.07 *Waiver of Claims*

- A. By making final payment, Owner waives its claim or right to liquidated damages or other damages for late completion by Contractor, except as set forth in an outstanding Claim, appeal under the provisions of Article 17, set-off, or express reservation of rights by Owner. Owner reserves all other claims or rights after final payment.
- B. The acceptance of final payment by Contractor will constitute a waiver by Contractor of all claims and rights against Owner other than those pending matters that have been duly submitted as a Claim, or appealed under the provisions of Article 17.

15.08 *Correction Period*

- A. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the Supplementary Conditions or the terms of any applicable special guarantee required by the Contract Documents), Owner gives Contractor written notice that any Work has been found to be defective, or that Contractor's repair of any damages to the Site or adjacent areas has been found to be defective, then after receipt of such notice of defect Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions:
 - 1. correct the defective repairs to the Site or such adjacent areas;
 - 2. correct such defective Work;
 - 3. remove the defective Work from the Project and replace it with Work that is not defective, if the defective Work has been rejected by Owner, and
 - 4. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others, or to other land or areas resulting from the corrective measures.
- B. Owner shall give any such notice of defect within 60 days of the discovery that such Work or repairs is defective. If such notice is given within such 60 days but after the end of the correction period, the notice will be deemed a notice of defective Work under Paragraph 7.17.B.
- C. If, after receipt of a notice of defect within 60 days and within the correction period, Contractor does not promptly comply with the terms of Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. Contractor shall

- pay all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others). Contractor's failure to pay such costs, losses, and damages within 10 days of invoice from Owner will be deemed the start of an event giving rise to a Claim under Paragraph 12.01.B, such that any related Claim must be brought within 30 days of the failure to pay.
- D. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
 - E. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this paragraph, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.
 - F. Contractor's obligations under this paragraph are in addition to all other obligations and warranties. The provisions of this paragraph are not to be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

ARTICLE 16—SUSPENSION OF WORK AND TERMINATION

16.01 Owner May Suspend Work

- A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by written notice to Contractor and Engineer. Such notice will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be entitled to an adjustment in the Contract Price or an extension of the Contract Times directly attributable to any such suspension. Any Change Proposal seeking such adjustments must be submitted no later than 30 days after the date fixed for resumption of Work.

16.02 Owner May Terminate for Cause

- A. The occurrence of any one or more of the following events will constitute a default by Contractor and justify termination for cause:
 - 1. Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment, or failure to adhere to the Progress Schedule);
 - 2. Failure of Contractor to perform or otherwise to comply with a material term of the Contract Documents;
 - 3. Contractor's disregard of Laws or Regulations of any public body having jurisdiction; or
 - 4. Contractor's repeated disregard of the authority of Owner or Engineer.
- B. If one or more of the events identified in Paragraph 16.02.A occurs, then after giving Contractor (and any surety) 10 days' written notice that Owner is considering a declaration that Contractor is in default and termination of the Contract, Owner may proceed to:
 - 1. declare Contractor to be in default, and give Contractor (and any surety) written notice that the Contract is terminated; and
 - 2. enforce the rights available to Owner under any applicable performance bond.

- C. Subject to the terms and operation of any applicable performance bond, if Owner has terminated the Contract for cause, Owner may exclude Contractor from the Site, take possession of the Work, incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere, and complete the Work as Owner may deem expedient.
- D. Owner may not proceed with termination of the Contract under Paragraph 16.02.B if Contractor within 7 days of receipt of notice of intent to terminate begins to correct its failure to perform and proceeds diligently to cure such failure.
- E. If Owner proceeds as provided in Paragraph 16.02.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds the cost to complete the Work, including all related claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals) sustained by Owner, such excess will be paid to Contractor. If the cost to complete the Work including such related claims, costs, losses, and damages exceeds such unpaid balance, Contractor shall pay the difference to Owner. Such claims, costs, losses, and damages incurred by Owner will be reviewed by Engineer as to their reasonableness and, when so approved by Engineer, incorporated in a Change Order. When exercising any rights or remedies under this paragraph, Owner shall not be required to obtain the lowest price for the Work performed.
- F. Where Contractor's services have been so terminated by Owner, the termination will not affect any rights or remedies of Owner against Contractor then existing or which may thereafter accrue, or any rights or remedies of Owner against Contractor or any surety under any payment bond or performance bond. Any retention or payment of money due Contractor by Owner will not release Contractor from liability.
- G. If and to the extent that Contractor has provided a performance bond under the provisions of Paragraph 6.01.A, the provisions of that bond will govern over any inconsistent provisions of Paragraphs 16.02.B and 16.02.D.

16.03 *Owner May Terminate for Convenience*

- A. Upon 7 days' written notice to Contractor and Engineer, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items):
 - 1. completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 - 2. expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses; and
 - 3. other reasonable expenses directly attributable to termination, including costs incurred to prepare a termination for convenience cost proposal.
- B. Contractor shall not be paid for any loss of anticipated profits or revenue, post-termination overhead costs, or other economic loss arising out of or resulting from such termination.

16.04 *Contractor May Stop Work or Terminate*

- A. If, through no act or fault of Contractor, (1) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (2) Engineer fails to act

on any Application for Payment within 30 days after it is submitted, or (3) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon 7 days' written notice to Owner and Engineer, and provided Owner or Engineer do not remedy such suspension or failure within that time, terminate the contract and recover from Owner payment on the same terms as provided in Paragraph 16.03.

- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Owner has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, 7 days after written notice to Owner and Engineer, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The provisions of this paragraph are not intended to preclude Contractor from submitting a Change Proposal for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this paragraph.

ARTICLE 17—FINAL RESOLUTION OF DISPUTES

17.01 Methods and Procedures

- A. *Disputes Subject to Final Resolution:* The following disputed matters are subject to final resolution under the provisions of this article:
1. A timely appeal of an approval in part and denial in part of a Claim, or of a denial in full, pursuant to Article 12; and
 2. Disputes between Owner and Contractor concerning the Work, or obligations under the Contract Documents, that arise after final payment has been made.
- B. *Final Resolution of Disputes:* For any dispute subject to resolution under this article, Owner or Contractor may:
1. elect in writing to invoke the dispute resolution process provided for in the Supplementary Conditions;
 2. agree with the other party to submit the dispute to another dispute resolution process; or
 3. If no dispute resolution process is provided for in the Supplementary Conditions or mutually agreed to, give written notice to the other party of the intent to submit the dispute to a court of competent jurisdiction.

See SC-17.02

ARTICLE 18—MISCELLANEOUS

18.01 Giving Notice

- A. Whenever any provision of the Contract requires the giving of written notice to Owner, Engineer, or Contractor, it will be deemed to have been validly given only if delivered:
1. in person, by a commercial courier service or otherwise, to the recipient's place of business;
 2. by registered or certified mail, postage prepaid, to the recipient's place of business; or
 3. by e-mail to the recipient, with the words "Formal Notice" or similar in the e-mail's subject line.

18.02 *Computation of Times*

- A. When any period of time is referred to in the Contract by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

18.03 *Cumulative Remedies*

- A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract. The provisions of this paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

18.04 *Limitation of Damages*

- A. With respect to any and all Change Proposals, Claims, disputes subject to final resolution, and other matters at issue, neither Owner nor Engineer, nor any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, shall be liable to Contractor for any claims, costs, losses, or damages sustained by Contractor on or in connection with any other project or anticipated project.

18.05 *No Waiver*

- A. A party's non-enforcement of any provision will not constitute a waiver of that provision, nor will it affect the enforceability of that provision or of the remainder of this Contract.

18.06 *Survival of Obligations*

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract, as well as all continuing obligations indicated in the Contract, will survive final payment, completion, and acceptance of the Work or termination of the Contract or of the services of Contractor.

18.07 *Controlling Law*

- A. This Contract is to be governed by the law of the state in which the Project is located.

18.08 *Assignment of Contract*

- A. Unless expressly agreed to elsewhere in the Contract, no assignment by a party to this Contract of any rights under or interests in the Contract will be binding on the other party without the written consent of the party sought to be bound; and, specifically but without limitation, money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract.

18.09 *Successors and Assigns*

- A. Owner and Contractor each binds itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

18.10 *Headings*

- A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

END OF GENERAL CONDITIONS

SECTION 10 - SUPPLEMENTARY CONDITIONS

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These Supplementary Conditions amend or supplement EJCDC® C-700, Standard General Conditions of the Construction Contract (2018). The General Conditions remain in full force and effect except as amended.

The terms used in these Supplementary Conditions have the meanings stated in the General Conditions. Additional terms used in these Supplementary Conditions have the meanings stated below, which are applicable to both the singular and plural thereof.

The address system used in these Supplementary Conditions is the same as the address system used in the General Conditions, with the prefix "SC" added—for example, “Paragraph SC-4.05.”

Article 1—**DEFINITIONS AND TERMINOLOGY**

SC-1.01. Renumber Paragraph 1.01.A.38 to 1.01.A.38.a, and add the following new paragraph:

- A. 1.01.A.38.b. Specialist—The term Specialist refers to a person, partnership, firm, or corporation of established reputation (or if newly organized, whose personnel have previously established a reputation in the same field), which is regularly engaged in, and which maintains a regular force of workers skilled in either (as applicable) manufacturing or fabricating items required by the Contract Documents, or otherwise performing Work required by the Contract Documents. Where the Specifications require the installation by a Specialist, that term shall also be deemed to mean either the manufacturer of the item, a person, partnership, firm, or corporation licensed by the manufacturer, or a person, partnership, firm, or corporation who will perform the Work under the manufacturer’s direct supervision.

Article 2—**PRELIMINARY MATTERS**

2.01 *Delivery of Bonds and Evidence of Insurance*

SC-2.01 Delete Paragraphs 2.01.B. and C. in their entirety and insert the following in their place:

- B. *Evidence of Contractor’s Insurance:* When Contractor delivers the signed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner copies of the policies (including all endorsements, and identification of applicable self-insured retentions and deductibles) of insurance required to be provided by Contractor in this Contract. Contractor may block out (redact) any confidential premium or pricing information contained in any policy or endorsement furnished under this provision.

2.02 *Copies of Documents*

SC-2.02 Amend Paragraph 2.02.A. to read as follows:

Owner shall furnish to Contractor hard copies of the Contract Documents as are reasonably necessary, with a maximum of five (5) sets, for execution of the work. Additional copies will be furnished, upon request, at the cost of production.

Article 3—**CONTRACT DOCUMENTS: INTENT, REQUIREMENTS, REUSE**

3.01 *Intent*

SC-3.01 Delete Paragraph 3.01.C in its entirety.

Article 4—COMMENCEMENT AND PROGRESS OF THE WORK

4.01 *Commencement of Contract Times; Notice to Proceed*

SC-4.01. Delete the third sentence of Paragraph 4.01.A in its entirety.

4.03 *Reference Points*

SC-4.03. Delete the first sentence of Paragraph 4.03.A in its entirety.

4.04 *Progress Schedule*

SC-4.04. Add the following new paragraphs to the end of Paragraph 4.04.B:

4.04.C. The Contractor shall submit a construction schedule within ten (10) days of Notice of Award. Thereafter, the Contractor shall submit an updated construction schedule every month.

4.04.D. Contractor shall comply with the requirements of Washoe County Development Code Division 4, Article 414, "Noise and Lighting Standards" in the performance of the Work. However, NO equipment operation, including "warm up," shall occur prior to 8:00 a.m. nor after 7:00 p.m. No work allowed on Saturdays, Sundays, and holidays recognized by Owner. The Engineer shall have final say as to the adequacy of the equipment for other than day use, and no additional payment shall be made to Contractor for the rental of equipment to meet these limitations.

Article 5—SITE, SUBSURFACE AND PHYSICAL CONDITIONS, HAZARDOUS ENVIRONMENTAL CONDITIONS

5.02 *Use of Site and Other Areas*

SC-5.02. Add the following language to the end of Paragraph 5.02.A.1:

Contractor shall not enter upon nor use property not under Owner control until appropriate easements have been executed and a copy is on file at the Site.

5.03 *Subsurface and Physical Conditions*

SC-5.03. Delete Paragraph 5.03.C in its entirety and insert the following in its place:

5.03.C Those reports known to Owner of explorations and tests of subsurface conditions at or adjacent to the Site is as follows:

5.03.C.1. No subsurface explorations and/or tests have been performed. The Contractor shall have full responsibility with respect to subsurface conditions at the sites.

SC-5.03 Add the following new paragraphs immediately after Paragraph 5.03.D:

5.03.E. Contractor may examine copies of reports and drawings identified immediately above that were not included with the Bidding Documents at 1220 Sweetwater Road, Incline Village, NV during regular business hours, or may request copies from Engineer at the cost of reproduction.

5.03.F. The Contractor shall verify the locations and dimensions of all existing equipment and structures, whether shown on the plans or not, and shall have full responsibility with respect to physical conditions in or relating to such structures and equipment.

5.03.G. Contractor is advised that the Lake Tahoe basin is known for large rocks and boulders buried under the surface, and it is common to find boulders within the work area.

5.04 *Differing Subsurface or Physical Conditions*

SC-5.04 Delete Paragraph 5.04.A in its entirety and insert the following in its place:

5.04.A. Notice by Contractor: If Contractor believes that any subsurface condition that is uncovered or revealed at the Site differs materially from conditions ordinarily encountered in the Tahoe Basin and generally recognized as inherent in work of the character provided for in the Contract Documents; then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 7.15), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except with respect to an emergency) until receipt of a written statement permitting Contractor to do so. Owner shall issue a written statement to Contractor regarding the subsurface or physical condition in question, addressing the resumption or continuation of Work in connection with such condition, indicating whether any change in the Drawings or Specifications will be made. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times with respect to a subsurface or physical condition if:

5.04.A.2.a. Contractor knew of the existence of such condition at the time Contractor made a commitment to Owner with respect to Contract Price and Contract Times by becoming bound under a negotiated contract, or otherwise; or

5.04.A.2.b. The existence of such condition reasonably could have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas expressly required by the Contract Documents to be conducted by or for Contractor prior to Contractor's making such commitment; or

5.04.A.2.c. Contractor failed to give the written notice as required by SC-5.04.A.

5.06 *Hazardous Environmental Conditions*

SC-5.06. Delete Paragraphs 5.06.A and Paragraph 5.06.B in their entirety and insert the following in their place:

5.06.A. No reports or drawings related to Hazardous Environmental Conditions are known to Owner.

5.06.B. Not used.

Article 6—**BONDS AND INSURANCE**

6.02 *Insurance—General Provisions*

SC-6.02. Add the following new paragraph immediately after Paragraph 6.02.A:

6.02.A.1. Surety and insurance companies from which the bonds and insurance for this Project are purchased shall have an A.M. Best's rating of no less "A (FSC-VII)."

SC-6.02. Add the following new paragraph immediately after Paragraph 6.02.J:

6.02.K. Contractor shall furnish properly executed certificates of insurance to Owner prior to commencement of Work under this agreement. Such certificates shall: clearly evidence all coverage required herein, including specific evidence of an endorsement naming Owner and Engineer as an additional insured, as well as all exclusions to the policies; indicate whether coverage provided is on a claims-made or occurrence basis; provide that such insurance shall not be materially changed, terminated or allowed to expire except on 30 days prior written notice to Owner; and be forwarded to: IVGID Engineering Division, 1220 Sweetwater Road, Incline Village, NV 89451. Any failure

to comply with reporting provisions of the policies shall not affect coverage provided to the District, its officers, employees or volunteers.

6.03 *Contractor's Insurance*

SC-6.03. Add the following new paragraphs immediately following Paragraph 6.03.A:

6.03.A.1. **Workman's Compensation:** It is understood and agreed that there shall be no Industrial Insurance coverage provided for the Contractor or any Subcontractor by the District; and in view of NRS 616.280 and 617.210 requiring that Contractor comply with the provisions of Chapters 616 and 617 of NRS, Contractor shall, before commencing work under the provisions of this Agreement, furnish to the District a Certificate of Insurance from an admitted insurance company in the State of Nevada.

6.03.A.2. **General Liability:** Contractor shall purchase General Liability including appropriate Auto Liability with a \$2,000,000 combined single limit per occurrence, for bodily injury, personal injury and property damage.

6.03.A.3. **Commercial Insurance:** Contractor shall procure and maintain for the duration of the Contract, insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by the Contractor, his/her agents, representatives, employees, or subcontractors. Contractor shall purchase General Liability, Auto Liability, Workers' Compensation, and Professional Liability Insurance (if applicable) coverage as required. Contractor shall have a Certificate of Insurance issued to the Incline Village General Improvement District naming it as additional insured, indicating coverage types amounts and duration of the policy. All certificates shall provide for a minimum written notice of thirty (30) days to be provided to District in the event of material change, termination or non-renewal by either Contractor or carrier.

SC-6.03. Add the following new paragraph immediately following Paragraph 6.03.C:

6.03.D. Deductible and/or Self-Insured Retention (SIR)

1. Any deductible and/or SIR must be declared to and approved by the Owner. The District reserves the right to request additional documentation (financial or otherwise) prior to giving its approval of the deductible and/or SIR and prior to executing the underlying Agreement. Any changes to the deductible and/or SIR made during the term of this Agreement or during the term of any policy, just be approved by the Owner prior to the change taking effective.

6.04 *Builder's Risk and Other Property Insurance*

SC-6.04 Delete Paragraph 6.04.A and insert the following in its place:

- A. Contractor shall purchase and maintain builder's risk insurance upon the Work on a completed value basis, in the amount of the Work's full insurable replacement cost (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations).

Article 7—**CONTRACTOR'S RESPONSIBILITIES**

7.03 Add the following after paragraph 7.03.C:

7.03.D **Working Hours.** Working hours shall be limited to 8:00 a.m. to 5:30 p.m. Monday through Friday unless otherwise directed by Owner. No equipment operation, including "warm up", refueling or maintenance, shall occur outside these hours. Contractor shall not permit

the performance of work outside these hours without Owner's written consent given after prior written notice to Engineer.

CONTRACTOR shall comply with all local and regional Noise Ordinances in the performance of the work. The ENGINEER shall have final say as to the adequacy of the equipment for other than day use and no additional payment shall be made to CONTRACTOR for the rental of equipment to meet these limitations.

Documented instances of noise producing activities by the CONTRACTOR outside of the permitted working hours shall result in a written warning for the first offense and a \$500 penalty for each subsequent offense.

7.04 *Services, Materials, and Equipment*

SC-7.04. Add the following new paragraph to the end of Paragraph 7.04.C:

7.03.D. Any materials or work not meeting Contract requirements shall be resubmitted to the Engineer or reconstructed at the Contractor's expense. Contractor is to be aware of District's Ordinance 1, the Solid Waste Ordinance, and pay specific attention to Section 4.5, Dumpster Use, Location and Enclosure. Any construction dumpster on the job site that is not properly enclosed shall be a fully locking roll-top, and is to remain locked and secured at all times.

7.07 *Services, Materials, and Equipment*

SC-7.07. Add the following language at the end of Paragraph 7.07.A:

Contractor shall perform a minimum of 50 percent of the onsite labor with its own employees.

7.09 *Permits*

SC-7.09. Add the following new paragraph to the end of Paragraph 7.09.A:

7.09.B. All permits, licenses, and inspection fees necessary for prosecution and completion of the work shall be secured and paid for by the Contractor, unless otherwise specified:

1. The CONTRACTOR shall conduct all Work in accordance with the Tahoe Regional Planning Agency (TRPA) Code of Ordinances, whether shown on the plans or not. If the CONTRACTOR fails to follow any requirements which result in a penalty by TRPA to the OWNER, the CONTRACTOR shall be responsible for any costs associated with the penalty.
2. Contractor shall be responsible for dust control throughout all phases of construction. All local ordinances regarding dust control shall be complied with, including the Washoe County Health Department requirements. The responsibility of obtaining the regulations and requirements, including obtaining a Dust Control Permit, if required, and full compliance with such ordinances is solely that of the Contractor.

7.11 *Laws and Regulations*

SC-7.11. Add the following new paragraph(s) immediately after Paragraph 7.11.C:

7.11.D. While not intended to be inclusive of all Laws or Regulations for which Contractor may be responsible under Paragraph 7.11, the following Laws or Regulations are included as mandated by statute or for the convenience of Contractor:

7.11.D.1. Prevailing Wage Rates:

7.11.D.1.a. Pursuant to NRS 338.020, hourly and daily rate of wages must not be less than prevailing wage in Washoe County. The most current schedule of prevailing wage rates as

of contract award date, as determined by the Labor Commission of the State of Nevada, is included herein and shall be posted onsite.

7.11.D.2. Fair Employment Practices:

7.11.D.2.a. Pursuant to NRS 338.125, in connection with performance of Work under these Contract Documents, Contractor agrees not to discriminate against any employee or applicant for employment because of race, creed, color, national origin, sex, sexual orientation, or age. Such agreement shall include, but not be limited to, the following: Employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.

7.11.D.2.b. Contractor further agrees to insert this provision in all subcontracts thereunder except subcontracts for standard commercial supplies or raw materials.

7.11.D.2.c. Any violation of such provision by a Contractor shall constitute a material breach of Contract.

7.11.D.3. Preferential Employment:

7.11.D.3.a. Pursuant to NRS 338.130, Contractor shall give preference in hiring, the qualifications of the applicants being equal: (a) First: To honorably discharged soldiers, sailors, and marines of the United States who are citizens of the State of Nevada; and (b) Second: To other citizens of the State of Nevada.

7.11.D.3.b. If the provisions of NRS 338.130 are not complied with by Contractor, Contract shall be void, and any failure or refusal to comply with any of the provisions of this section shall render any such Contract void.

7.11.D.4, SB 207, Apprenticeship Utilization Act

Contractor shall comply with Chapter 527, Statutes of Nevada 2019, enacted by the Nevada Legislature by passage of Senate Bill 207, which requires contractor and subcontractors to comply with certain requirements relating to the use of apprentices on public works projects. The Prime Contractor will be liable for any subcontractor non-compliance.

7.11.E. The Contractor shall submit all certified payroll payrolls electronically via the internet into the Owner's contracted tracking system LCPtracker. This requirement will apply to every lower-tier subcontractor and vendor required to provide certified payroll reports by NRS 338.010 to 338.090 inclusive. Upon issuance of the Notice to Proceed, the Owner will provide the Contractor with the website addresses and a Login Identification with a password to access the payroll system. The Contractor is responsible for the set-up of access to the payroll system to their subcontractors. Training to utilize the system is available on the LCPtracker website.

7.13 *Safety and Protection*

SC-7.13. Add the following new paragraph immediately after 7.13.G:

7.13.G.1. The following Owner safety program(s) are applicable to the Work:

1. The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work to be performed under this Agreement. The Contractor shall take all necessary precautions for the safety of, and shall provide all necessary protection to prevent damage, injury, or loss to:

a. All employees and all other persons who may be affected by the operations of this Agreement.

- b. All materials and equipment whether in storage on or off the construction site.
 - c. Other property at the construction site or adjacent to the construction site, including but not limited to trees, shrubs, lawns, walks, pavements, roadways, structures, and utilities not designated for removal, relocation, or replacement in the course of construction.
- 2. The Contractor shall comply with all applicable laws, ordinances, rules, regulations, and others of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. The Contractor shall erect and maintain, as required by existing conditions and progress on the project, all necessary safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations, and notifying owners and users of adjacent utilities. Contractor shall comply with OSHA's Hazard Communication Standards.
- 3. The Contractor shall designate a responsible member of his/her organization at the construction site whose duty shall be the prevention of accidents. This person shall be the Contractor's superintendent unless otherwise designated in writing by the Contractor to the Owner.
- 4. The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with any confined space entries to be performed during completion of work under this Agreement. Contractor responsibilities include but are not limited to:
 - a. Review and be familiar with the Owner's online written Confined Space program.
 - b. Review documented information about Owner's confined spaces in which entry is intended. This information includes identified hazards for each permit-required confined space. The Contractor shall be responsible for performing their own hazard assessment prior to any confined space entry.
 - c. Contractor shall have their own confined space entry program. Upon request of the Owner, Contractor will provide a statement confirming they are in compliance with their confined space entry program including requirements for confined space training for employees associated with the Work.
 - d. Be responsible for following all confined space requirements established by the provisions in CFR 1910.146 and its chapters.
 - e. Coordinate entry operations with the Owner when employees from the Contractor will be working in or near confined spaces.
 - f. Debrief the Owner on any hazards confronted or created at the completion of entry operations.
 - g. Place signs stating, "Danger, Follow Confined Space Entry Procedures Before Entering" at each confined space to be entered. The Contractor shall never leave a confined space open or unattended.

7.18 *Indemnification*

SC-7.18. Add the following new paragraph immediately after Paragraph 7.18.B:

7.18.C. The Contractor agrees to hold harmless, indemnify and defend Owner, his employees, agents, consultants, or representatives from any loss or liability, financial or otherwise resulting from any claim, demand, suit, action or cause of action based on bodily injury, including death, or property damage, including damage to Contractor's property caused by any action, either direct or passive, the omission, failure to act, or negligence on the part of the Contractor, his employees, agents, representatives or subcontractors arising out of the performance of work under these Contract Documents by the Contractor, or by others under the direction or supervision of the Contractor.

In determining the nature of the claim against Owner, the incident underlying the claim shall determine the nature of the claim, notwithstanding the form of the allegations against Owner.

In the event of a claim or lawsuit against Owner, Contractor shall reimburse Owner for cost of Owner's personnel in defending such actions. Reimbursement for the time spent by such personnel shall be the rate charged for such services by the private sector.

Article 8—**OTHER WORK AT THE SITE**

No suggested Supplementary Conditions in this Article.

Article 9—**OWNER'S RESPONSIBILITIES**

9.12 *Owner's Site Representative*

SC-9.12 Add the following new paragraphs immediately after Paragraph 9.12 of the General Conditions:

9.13 *Owner as Resident Project Representative*

9.13.A. Owner may furnish Project representation during the construction period. The duties, responsibilities, and limitations of authority specified for Engineer in Article 10, Engineer's Status During Construction, and elsewhere in the Contract Documents will be those of Owner.

9.13.B. In addition to the Resident Project Representative which may be furnished by Engineer, Owner may furnish an Owner's Site representative to assist Engineer. The responsibilities, authorities, and limitations of authority of Owner's Site representative will be as specified for Engineer's Resident Project Representative.

Article 10—**ENGINEER'S STATUS DURING CONSTRUCTION**

10.05 Determinations for Unit Price Work

SC-10.05. Delete Paragraph 10.05 in its entirety and replace it with the following paragraph:

10.05. The Engineer will have the authority to determine the actual quantities and classifications of the items of Unit Price Work performed by the Contractor, and the written decisions of the Engineer on such matters will be final, binding on the Owner and Contractor, and not subject to appeal (except as modified by the Engineer to reflect changed factual conditions).

10.07 Limitations on Engineer's Authority and Responsibilities

SC-10.07. Add the following new paragraph immediately after Paragraph 10.07.E:

10.07.F. Contractors, Subcontractors, Suppliers, and others on the Project, or their sureties, shall maintain no direct action against Engineer, its officers, employees, affiliated corporations, and subcontractors, for any Claim arising out of, in connection with, or resulting from the engineering services performed. Only the Owner will be the beneficiary of any undertaking by Engineer.

Article 11—**CHANGES TO THE CONTRACT**

11.07 *Change of Contract Price*

SC-11.07. Add the following new paragraph immediately after Paragraph 11.07.C:

11.07.D. In the event Contractor submits request for additional compensation as a result of a change or differing Site conditions, or as a result of delays, acceleration, or loss of productivity, Owner reserves right, upon written request, to audit and inspect Contractor's books and records relating to the Project. Upon written request for an audit, Contractor shall make its books and records available within 14 days of request. Owner shall specifically designate identity of auditor. As part of audit, Contractor shall make available its books and records relating to the Project, including but not limited to Bidding Documents, cost reports, payroll records, material invoices, subcontracts, purchase orders, daily timesheets, and daily diaries. Audit shall be limited to those cost items which are sought by Contractor in a change order or claim submission to Owner.

Article 12—**CLAIMS**

No suggested Supplementary Conditions in this Article.

Article 13—**COST OF WORK; ALLOWANCES, UNIT PRICE WORK**

No suggested Supplementary Conditions in this Article.

Article 14—**TESTS AND INSPECTIONS; CORRECTION, REMOVAL, OR ACCEPTANCE OF DEFECTIVE WORK**

No suggested Supplementary Conditions in this Article.

Article 15—**PAYMENTS TO CONTRACTOR, SET OFFS; COMPLETIONS; CORRECTION PERIOD**

No suggested Supplementary Conditions in this Article.

Article 16—**SUSPENSION OF WORK AND TERMINATION**

No suggested Supplementary Conditions in this Article.

Article 17—**FINAL RESOLUTIONS OF DISPUTES**

17.02 *Arbitration*

SC-17.02. Add the following new paragraph immediately after Paragraph 17.01.

SC-17.02.A. All matters subject to final resolution under this Article will be decided by arbitration in accordance with the rules of NRS, subject to the conditions and limitations of this paragraph. This agreement to arbitrate and any other agreement or consent to arbitrate entered into will be specifically enforceable under the prevailing law of any court having jurisdiction.

SC-17.02.B. The demand for arbitration will be filed in writing with the other party to the Contract and with the selected arbitrator or arbitration provider, and a copy will be sent to Engineer for information. The demand for arbitration will be made within the specific time required in this Article, or if no specified time is applicable within a reasonable time after the matter in question has arisen, and in no event shall any such demand be made after the date when institution of legal or equitable proceedings based on such matter in question would be barred by the applicable statute of limitations. The demand for arbitration should include specific reference to Paragraph SC-17.02.D below.

SC-17.02.C. No arbitration arising out of or relating to the Contract shall include by consolidation, joinder, or in any other manner any other individual or entity (including Engineer, and Engineer's consultants and the officers, directors, partners, agents, employees or consultants of any of them) who is not a party to this Contract unless:

SC-17.02.C.1. the inclusion of such other individual or entity is necessary if complete relief is to be afforded among those who are already parties to the arbitration; and

SC-17.02.C.2. such other individual or entity is substantially involved in a question of law or fact which is common to those who are already parties to the arbitration and which will arise in such proceedings.

SC-17.02.D. The award rendered by the arbitrator(s) shall be consistent with the agreement of the parties, in writing, and include a concise breakdown of the award, and a written explanation of the award specifically citing the Contract provisions deemed applicable and relied on in making the award.

SC-17.02.E. The award will be final. Judgment may be entered upon it in any court having jurisdiction thereof, and it will not be subject to modification or appeal, subject to provisions of the Laws and Regulations relating to vacating or modifying an arbitral award.

SC-17.02.F. The fees and expenses of the arbitrators and any arbitration service shall be shared equally by Owner and Contractor.

Article 18—**MISCELLANEOUS**

No suggested Supplementary Conditions in this Article.

END OF SUPPLEMENTARY CONDITIONS

SECTION 11 SPECIAL CONDITIONS

ARTICLE 1—PERMITS

1.01 Washoe County Grading Permit

The Contractor shall comply with all permit conditions of the Washoe County Grading Permit. This permit will be applied for by the Contractor and will be picked up by the Contractor prior to commencing work.

END OF SECTION 11

STATE OF NEVADA

STEVE SISOLAK
GOVERNOR

TERRY REYNOLDS
DIRECTOR

BRETT K. HARRIS
LABOR COMMISSIONER



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2023 PREVAILING WAGE RATES WASHOE COUNTY

DATE OF DETERMINATION: October 1, 2022

**APPLICABLE FOR PUBLIC WORKS PROJECTS OVER \$100,000 BID/AWARDED
OCTOBER 1, 2022 THROUGH SEPTEMBER 30, 2023**

Pursuant to Nevada Revised Statutes (NRS) section 338.030(9)(a), "If the contract for a public work: (a) Is to be awarded pursuant to a competitive bidding process, the prevailing wages in effect at the time of the opening of the bids for a contract for a public work must be paid until the completion or termination of the contract or for the 36 months immediately following the date on which the bids were opened, whichever is earlier." For contracts not awarded pursuant to competitive bidding, please see NRS section 338.030(9)(b). However, if a project exceeds 36 months new wage rates may apply pursuant to NRS section 338.030(9)(10). Prevailing Wage Rates may be adjusted based on Collective Bargaining Agreements (CBA's) and adjustments to those agreements. (See NRS 338.030)

PREVAILING WAGE DETERMINATIONS - NRS 338.030 subsection 7, the wages so determined must be:

- (a) Issued by the Labor Commissioner on October 1 of the odd-numbered year in which the survey was conducted and, except as otherwise provided in subsection 8, remain effective for 2 years after that date; and
- (b) Made available by the Labor Commissioner to any public body which awards a contract for any public work.

Senate Bill 243 passed during the 80th Nevada Legislative Session (2019) and set forth in NRS section 338.025, now requires the Labor Commissioner to calculate the Prevailing Wage Rates by region. NRS section 338.025 Prevailing wage regions. For the purpose of determining the prevailing rate of wages pursuant to NRS section 338.030, four prevailing wage regions are hereby established in this State as follows:

1. The Washoe Prevailing Wage Region consisting of Washoe County;
2. The Northern Rural Prevailing Wage Region consisting of Carson City and the counties of Churchill, Douglas, Elko, Eureka, Humboldt, Lander, Lyon, Mineral, Storey, Pershing and White Pine;
3. The Clark Prevailing Wage Region consisting of Clark County; and
4. The Southern Rural Prevailing Wage Region consisting of the counties of Esmeralda, Lincoln and Nye.

OBJECTIONS TO PREVAILING WAGE DETERMINATIONS – NRS section 338.030 subsection 2. Objections to the Prevailing Wage Determinations must be submitted within 30 days after the Prevailing Wage Determinations are issued.

Pursuant to NRS section 338.030 subsection 8, the Labor Commissioner will review the prevailing wage rates in each even-numbered year to determine if adjustments should be made.

As Amendments/Revisions are made to the wage rates, they will be posted on the website for each respective Region. Please review regularly for any Amendments/Revisions that are posted or contact our offices directly for further assistance.

| | |
|---|--------------------|
| Air Balance Technician | 4 |
| Alarm Installer | 5 |
| Boilermaker | 6 |
| Bricklayer | 7 |
| Carpenter | 8 |
| Cement Mason | 9 |
| Electrician – Communication Technician | 10 |
| Electrician - Lineman | 12 |
| Electrician – Neon Sign | 14 |
| Electrician - Wireman | 15 |
| Elevator Constructor | 16 |
| Fence Erector | 18 |
| Flagperson | 19 |
| Floorcoverer | 20 |
| Glazier | 21 |
| Highway Striper | 22 |
| Hod Carrier-Brick Mason | 23 |
| Hod Carrier – Plasterer Tender | 24 |
| Ironworker | 26 |
| Laborer | 29 |
| Lubrication And Service Engineer (Mobile And Grease Rack) | 46 |
| Mechanical Insulator | 31 |
| Millwright | 32 |
| Operating Engineer | 34 |
| Operating Engineer – Steel Fabricator & Erector | 34 |
| Operating Engineer – Piledriver | 35 |
| Painter | 37 |
| Piledriver (Non-Equipment) | 39 |
| Plasterer | 40 |
| Plumber/Pipefitter | 41 |
| Refrigeration | 42 |
| Roofer | 43 |
| Sheet Metal Worker | 45 |
| Soils and Material Tester | 46 |
| Sprinkler Fitter | 46 |
| Surveyor | 46 |
| Taper | 47 |
| Tile/Terrazzo Worker/Marble Mason Finisher | 49 |
| Tile/Terrazzo Worker/Marble Mason | 49 |
| Traffic Barrier Erector | 51 |
| Truck Driver | 52 |
| Well Driller | 54 |
| Group Classifications | |
| Labor Group Classifications | 55 |
| Operating Engineers | 59 |

NRS section 338.010 subsection (25) “Wages” means:

- a) The basic hourly rate of pay; and
- b) The amount of pension, health and welfare, vacation and holiday pay, the cost of apprenticeship training or other similar programs or other bona fide fringe benefits which are a benefit to the worker.

NRS section 338.035 Bona Fide Fringe Benefits - Discharge of part of obligation of contractor or subcontractor engaged on public work to pay wages by making certain contributions in name of workman. “Bona fide fringe benefit” means a benefit in the form of a contribution that is made not less frequently than monthly to an independent third party pursuant to a fund, plan or program: (a) Which is established for the sole and exclusive benefit of a worker and his or her family and dependents; and (b) For which none of the assets will revert to, or otherwise be credited to, any contributing employer or sponsor of the fund, plan or program. The term includes, without limitation, benefits for a worker that are determined pursuant to a collective bargaining agreement and included in the determination of the prevailing wage by the Labor Commissioner pursuant to NRS section 338.030.

Please see NRS sections 338.010, 338.020, and 338.035 and Nevada Administrative Code (NAC) sections 338.0097 and 338.092 through 338.100 for further details on “Bona fide fringe benefits” and reporting requirements and exceptions.

Job Descriptions for Recognized Classes of Workers

Regarding job descriptions for public works projects, please take notice of the following:

1. The job description links have been redacted to include ONLY the scope of work for the craft.
2. Pursuant to NAC section 338.0095(1)(a) - A worker employed on a public work must be paid the applicable prevailing rate of wage for the type of work that the worker actually performs on the public work and in accordance with the recognized class of the worker.
3. The work description for a particular class is not intended to be jurisdictional in scope.
4. Any person who believes that a type of work is not classified, or who otherwise needs clarification pertaining to the recognized classes or job descriptions, shall contact the Labor Commissioner in writing for a determination of the applicable classification and pay rate for a particular type of work.
5. The job descriptions set forth or referenced herein supersede any, and all descriptions previously agreed upon by the Labor Commissioner in any settlement agreements or stipulations arising out of contested matters.
6. The following specific provisions, where applicable, shall prevail over any general provisions of the job descriptions:
 - Amendments to the prevailing wage determinations.
 - Group Classifications and/or descriptions recognized by the Labor Commissioner and included with wage determinations for a particular type of work in a particular county.

Zone Rates

The zone rate has been added to each applicable craft.

Premium Pay Premium pay for hours worked in excess of a shift of 8 hours or 12 hours, or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.

Craft: AIR BALANCE TECHNICIAN (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---|-------|
| Air Balance Technician Journeyman..... | 71.50 |
| Air Balance Technician-Foreman..... | 75.71 |
| Air Balance Technician-General Foreman..... | 79.93 |

ADD ZONE RATE

In addition to AIR BALANCE rates add the applicable amounts per hour, calculated based on a road from the courthouse in Reno, Nevada:

| | | |
|--------|-----------------|--|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 100 miles | \$5.00 |
| Zone 3 | Over 100 miles | \$10.00 the employee shall be provided reasonable lodging and meal expenses. |

ADD PREMIUM PAY

All hourly rates are subject to Over Time (One and one half 1 ½) of the Regular rate:

1. For all hours worked over Eight (8) Hours in one day or shift.
2. For the first Eight (8) Hours work on Saturday.

All hourly rates are subject to Double Time of the Regular Rate:

1. For all hours worked over Ten (10) Hours in one day or shift.
2. For all hours worked over Eight (8) Hours on Saturday.
3. For all hours worked on Sunday, New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Nevada Day, Thanksgiving Day, Day after Thanksgiving, Day before Christmas, and Christmas Day.

RECOGNIZED HOLIDAYS

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Nevada Day, Thanksgiving Day, Day after Thanksgiving, Day before Christmas, and Christmas Day

JOB DESCRIPTION: Excerpt from Sheet Metal Local 26 Collective Bargaining Agreement

(a) manufacture, fabrication, assembling, handling, erection, installation, dismantling, conditioning, adjustment, alteration, repairing and servicing of all ferrous or nonferrous metal work and all other materials used in lieu thereof and of all HVAC systems, air veyor systems, exhaust systems, and air-handling systems regardless of material used including the setting of all equipment and all reinforcements in connection therewith; (b) all lagging over insulation and all duct lining; (c) testing and balancing of all air-handling equipment and duct work; (d) the preparation of all shop and field sketches whether manually drawn or computer assisted used in fabrication and erection, including those taken from original architectural and engineering drawings or sketches; (e) metal roofing; and (f) all other work included in the jurisdictional claims of International Association of Sheet Metal, Air, Rail and Transportation Workers.

Craft: ALARM INSTALLER (Non-Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Alarm Installer.....33.79

JOB DESCRIPTION:

Includes but is not limited to:

1. Installing or testing electrical protective signaling systems used to provide notification of fire, burglary or other irregularities on the premises of the subscriber of the system;
2. Installing of wiring and signaling units;
3. Repairing electrical protective signaling systems
4. Starting up, programming and documenting systems;

Craft: BOILERMAKER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|--------------------------|-------|
| Boilermaker..... | 65.94 |
| Boilermaker Foreman..... | 65.94 |
| Boilermaker General..... | 65.94 |

ADD PREMIUM PAY

Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.

JOB DESCRIPTION:

Includes but is not limited to:

1. Constructing, assembling, maintaining and repairing stationary steam boilers and boiler house auxiliaries;
2. Aligning structures or plate sections to assemble boiler frame tanks or vats;
3. Assisting in the testing of assembled vessels, directing cleaning of boilers and boiler furnaces;
4. Inspecting and repairing boiler fittings, including, without limitation, safety valves, regulators, automatic-control mechanisms, water columns and auxiliary machines.

Craft: BRICKLAYER (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

Bricklayer Journeyman.....48.71
Bricklayer Foreman.....49.96

Add Zone pay

| | | |
|------|-------------------|--------|
| Zone | 75 miles and Over | \$8.13 |
|------|-------------------|--------|

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For any hours worked on Saturday from midnight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over twelve (12) hours in one day or shift.
2. For any hours worked on Sunday from midnight to midnight.
3. For any hours worked on holidays from midnight to midnight.

RECOGNIZED HOLIDAYS

If any of these holidays fall on Sunday, the Monday following shall be considered a Holiday.
New Year's Day, President's Day, Memorial Day, Fourth of July, Labor Day, Admission Day,
Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between No, NV Masonry Contractors and LIUNA
Local 169

This shall apply to and cover the work of Brick/Block Masonry, Stone Masonry, Artificial Masonry
Marble Masonry.

Craft: CARPENTER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|--------------------------------|-------|
| Carpenter Journeyman..... | 54.91 |
| Carpenter Foreman..... | 58.32 |
| Carpenter General Foreman..... | 62.07 |

ADD ZONE RATE

(Building and Heavy Highway and Dam Construction)

In addition to CARPENTER rates add the applicable amounts per hour, calculated from the Washoe County Courthouse:

| | | |
|--------|------------------|---|
| Zone 1 | 0 to 75 miles | \$0.00 (Road miles from the Washoe County Courthouse) |
| Zone 2 | 75 to 150 miles | \$4.00 |
| Zone 3 | 150 to 300 miles | \$5.00 |
| Zone 4 | Over 300 miles | \$6.00 |

ADD PREMIUM PAY

Any work performed over eight (8) hours per day and on Saturdays shall be compensated at time and one-half (1-1/2x) the appropriate hourly rate. All work performed on Sundays, holidays and over twelve (12) hours in one (1) day shall be compensated at two times (2x) the appropriate hourly rate. In the event a day's work is lost because of severe weather conditions or major mechanical breakdown, work may be performed on a voluntary basis on a Saturday at the straight time hourly rate for eight (8) hours provided the straight time hours worked in one (1) week do not exceed forty (40) hours.

RECOGNIZED HOLIDAYS

New Year's Day, Memorial Day, 4th of July, Labor Day, Admission's Day, Thanksgiving Day, the Friday after Thanksgiving, Christmas Day.

JOB DESCRIPTION Excerpt from Southwest Regional Council of Carpenters and Affiliated Local Unions Master Labor Agreement

(1) All building construction, including but not limited to the construction, erection, alteration, repair, modification, demolition, addition, or improvement in whole or in part of any building structure. All rigging of Carpenters', and Piledrivers' materials.

(2) All heavy, highway and engineering construction, including but not limited to the construction, improvement, modification and demolition of all or any part of the streets, highways, bridges, viaducts, railroads, tunnels, airports, water supply, irrigation, flood control and draining systems, sewers and sanitation projects, dams, power houses, refineries, aqueducts, canals, river and harbor projects, wharves, docks, breakwaters, jetties, quarrying of breakwaters or rip rap stone or operations incidental to such heavy construction work and whether such work is above or below the water line level.

(3) The character of such work covered by this Agreement shall include but not be limited to all carpenter, concrete form work, shoring, drywall, metal stud, drywall finishing, plaster, scaffold, modular furniture, trade show work, insulation, acoustical, and lathing work on such construction

(4) All interior and/or exterior wall finish work, including EIFS and other wet wall finish work.

Craft: CEMENT MASON (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|--------------------------------|-------|
| Cement Mason - Journeyman..... | 48.92 |
| Cement Mason - Foreman..... | 52.55 |

ADD ZONE RATE

In addition to CEMENT MASON rates add the applicable amounts per hour, calculated from the Reno Post Office, 50 So. Virginia St., Reno, Nevada:

| | | |
|--------|---------------|--------|
| Zone 1 | 0 to 90 miles | \$0.00 |
| Zone 2 | over 90 miles | \$6.00 |

ADD PREMIUM PAY

OVERTIME – Any worked performed over eight (8) hours per day shall be compensated at time and one half the hourly rate. All work performed after twelve (12) consecutive hours shall be paid at double the hourly rate. All worked performed on Saturdays shall be compensated at time and one half the hourly rate. All Sunday and Holiday work shall be paid for at double time.

RECOGNIZED HOLIDAYS

New Year’s Day, Memorial Day, Independence Day, Labor Day, Admissions Day, Thanksgiving Day and the following Friday following Thanksgiving Day, and Christmas

JOB DESCRIPTIONS

1. All building construction, including but not limited to the construction, erection, alteration, repair, modification, demolition, addition, or improvement in whole or in part of any building structure.

2. All heavy, highway and engineering construction, including but not limited to construction, improvement, modification, demolition, of all or any part of streets and highways (including sidewalks, curbs and gutters), bridges, viaducts, rail roads, tunnels, airports, water supply, irrigation, flood control and drainage systems, sewers and sanitation projects, dams, power houses, refineries, aqueducts, canals, river and harbor projects, wharves, docks, breakwaters, jetties, quarrying of breakwater or rip-rap stone, or operation incidental to such heavy construction work.

3. The work to be performed by Cement Masons shall include but not be limited to the following, when tools of the Cement Masons trade are used or required:

Setting screeds, screed pins, curb forms and curb and gutter forms, rodding, spreading and tamping concrete, hand application of curing compounds, applying topping (wet or dry) colors or grits; using Darby and push floats, hand troweling or hand floating; marking edging, brooming or brushing, using base cove or step tools; chipping, and stoning, patching or sacking; dry packing; spreading and finishing gypsum, operating mechanical finishers (concrete) such as Clary, Jackson, Bidwell Bridge Deck Paver or similar types; grinding machines; troweling machines, floating machines powered concrete saws; finishing of epoxy and resin materials, bush hammering and exposed finishes for architectural work.

Operation of skill saw, chain saw, Laser Screed, Laser Level, Curb and Slipform machines, Epoxy Type Injection pumps, stamps or other means of texturing, any new devices, which are beneficial to the construction of or with concrete or related products.

Craft: ELECTRICIAN COMMUNICATION TECHNICIAN (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|-------------------------------|-------|
| Communication Installer..... | 44.79 |
| Communication Technician..... | 49.66 |
| Senior Technician | 52.91 |

ADD ZONE RATE

In addition to Electrician Communication Tech rates add the applicable amounts per hour, calculated from the Washoe County Courthouse:

| | | |
|--------|-------------------|---------|
| Zone 1 | 0 to 70 miles | \$0.00 |
| Zone 2 | 70 to 90 miles | \$8.00 |
| Zone 3 | 90 miles and over | \$10.00 |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For the first eight (8) hours worked on Saturday

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over eight (10) hours in one day or shift.
2. For any hours worked on Sunday
3. For any hours worked on Holidays

Shift Rates

1. Swing shift to be paid at seventeen-point three (17.3) percent the regular straight time rate for hours between 4:30 p.m. and 1:00 a.m.
2. Graveyard shift to be paid at thirty-one-point four (33.4) percent the regular straight time rate for hours between 12:30 a.m. and 9:00 a.m.
3. Shifts are established for at least five (5) consecutive days or double the regular straight time rate shall be paid.

**Note – Double the straight time rate is the max rate paid. (No pyramiding of overtime rates)

JOB DESCRIPTION:

The work covered by this Agreement shall include the installation testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms and low voltage master clock systems.

- A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS 1. Background-foreground music 2. Intercom and telephone interconnect systems 3. Telephone systems 4. Nurse call systems 5. Radio page systems 6. School intercom and sound systems 7. Burglar alarm systems 8. Low-voltage

master clock systems 9. Multi-media/multiplex systems 10. Sound and musical entertainment systems
11. RF Systems 12. Antennas and Wave Guide

B. FIRE ALARM SYSTEMS * 1. Installation, wire pulling and testing

C. Television and Video Systems 1. Television monitoring and surveillance systems 2. Video security systems 3. Video entertainment systems 4. Video educational systems 5. Microwave transmission systems 6. CATV and CCTV

D. Security Systems 1. Perimeter security systems 2. Vibration sensor systems 3. Card access systems
4. Access control systems 5. Sonar/Infrared monitoring equipment

E. COMMUNICATION SYSTEMS THAT TRANSMIT OR RECEIVE INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO THE ABOVE LISTED SYSTEMS (IN THE SCOPE)
1. SCADA (Supervisory Control and Data Acquisition) 2. PCM (Pulse Code Modulation) 3. Inventory Control Systems 4. Digital Data Systems 5. Broadband and Baseband and Carriers 6. Point of Sale Systems 4 7. VSAT Data Systems 8. Data Communication Systems 9. RF and Remote-Control Systems 10. Fiber Optic Data Systems

Craft: ELECTRICIAN LINEMAN/GROUNDMAN/HEAVY EQUIPMENT OPERATOR
(Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|------------------------------|-------|
| Electrician-Groundman..... | 56.09 |
| Lineman-Journeyman..... | 81.13 |
| Lineman-Foreman..... | 87.80 |
| Lineman-General Foreman..... | 94.54 |
| Lineman-Equipment Man..... | 67.81 |

ADD PREMIUM PAY

Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.

RECOGNIZED HOLIDAYS

New Year's Day, Martin Luther King Holiday, President's Day, Memorial Day, Independence Day, Labor Day, Nevada Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION:

Outside, overhead and underground construction and maintenance work on electrical transmission lines, switch yards, substations and distribution systems which shall include:

1. Pole line work (whether built of wood, metal or other material): the digging and back-filling of holes for poles or anchors (by hand or mechanical equipment); the loading or unloading, handling, sorting and moving of materials; the assembly or erection of all materials including the guying, stringing of conductors and fiber optics or other work necessary on through to the ultimate completion of such pole work.

2. Steel or metal structures used for the purpose of carrying electrical wire, conductors, or equipment (this includes transmission towers, outdoor substations, switch racks, or similar electrical structures); the moving of men, tools or equipment; the loading or unloading, handling, sorting and moving of materials; the assembly and erection of all materials used on the job site, including the assembly of the grillage and foundations, on through to the ultimate completion of such structures. Work covered shall include the grounding of all such structures except the bonding of stub-angle to rebar cage; the stringing and installation of wires, cables and insulators or other electrical equipment suspended from structure; also the handling and placing of transformers or O.C.B.'s and other related electrical equipment.

The moving of men, tools or equipment; the loading or unloading, handling, sorting and moving of materials; the assembly of all electrical materials on race-ways such as ducts, shall be performed by workmen under the Agreement. This shall also include CIC (cable in conduit), CC (coillable conduit), the placing of fish wire, the pulling of cables or wires through such race-ways, installing and making up of termination and the splicing of such conductors.

Street lighting systems where such work properly comes under the outside jurisdiction shall be handled in the same manner as pole line construction.

Installing and maintaining the catenary and trolley work and bonding of rails shall be handled in the same manner as pole line, and steel construction.

In connection with all of the above items, it is understood the scope of this Agreement shall include not only new installation work but shall also govern the repair, maintenance or dismantling of such structures, lines or equipment; the handling and operating of all equipment used to transport men, tools and/or materials on the job site as well as the equipment used to move, raise or place materials used in the Outside Branch of the Electrical Industry shall be performed by workmen under this Agreement unless otherwise excluded herein.

Craft: ELECTRICIAN – NEON SIGN
(Non-Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Electrician Neon Sign Journeyman.....37.06

ELECTRICIAN-NEON SIGN, includes but is not limited to:

- 1. Installing, servicing and repairing plastic, neon and illuminated signs;
- 2. Ascending ladders or operating hydraulic or electric hoist to install, service, or examine sign to determine cause of malfunction;
- 3. Wiring, rewiring or removing defective parts and installing new parts using electrician's tools;
- 4. Removing sign or part of sign for repairs, such as structural fabrication, scroll repair, or transformer repair;

Craft: ELECTRICIAN WIREMAN (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|------------------------------|-------|
| Wireman..... | 69.61 |
| Wireman-Cable Splicer..... | 75.41 |
| Wireman Foreman..... | 75.41 |
| Wireman General Foreman..... | 81.21 |

ADD ZONE RATE

In addition to ELECTRICIAN-Wireman, rates, add the applicable amounts per hour, calculated from Washoe County Courthouse, Reno Nevada:

| | | |
|--------|-------------------|---------|
| Zone 1 | 0 to 70 miles | \$0.00 |
| Zone 2 | 70 to 90 miles | \$8.00 |
| Zone 3 | 90 miles and over | \$10.00 |

ADD PREMIUM PAY

Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For the first eight (8) hours worked on Saturday

Double the regular straight time hourly rate shall be paid for all time:

3. For all hours worked over ten (10) hours in one day or shift.
4. For any hours worked on Sunday
5. For any hours worked on Holidays

Shift Rates

1. Swing shift to be paid at seventeen-point three (17.3) percent the regular straight time rate for hours between 4:30 p.m. and 1:00 a.m.
2. Graveyard shift to be paid at thirty-one-point four (33.4) percent the regular straight time rate for hours between 12:30 a.m. and 9:00 a.m.
3. Shifts are established for at least five (5) consecutive days or double the regular straight time rate shall be paid.

****Note – Double the straight time rate is the max rate paid. (No pyramiding of overtime rates)**

RECOGNIZED HOLIDAYS

New Year’s Day, Memorial Day, Independence Day, Labor Day, Admission Day, Veteran’s Day, Thanksgiving Day, Friday following Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between NECA and Local Union 401, IBEW

All electrical construction, installation, or erection work including fabrication or prefabrication of boxes, brackets, bends and nipples and all electrical maintenance thereon including the final running tests. This shall include the installation and maintenance of temporary wiring and the installation of all electrical lighting, heat and power equipment, installation of all raceway systems, including underground conduits and all supports, underground utility conduits, photovoltaic power generation systems, wind power generation systems and geothermal power generating systems. Further all salvage of electrical work shall be included.

Craft: ELEVATOR CONSTRUCTOR (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---|--------|
| Elevator Constructor-Journeyman Mechanic..... | 117.95 |
| Elevator Constructor-Journeyman Mechanic In Charge..... | 128.06 |

ADD PREMIUM PAY

Work performed on Construction Work on Saturdays, Sundays and before and after 30 the regular working day on Monday to Friday, inclusive, shall be classed as overtime, and paid for at double the rate of single time.

RECOGNIZED HOLIDAYS

New Year's Day, Memorial Day, Independence Day, Labor Day, Nevada Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement of International Union of Elevator Constructors

The handling and unloading of all equipment coming under the jurisdiction of the Elevator Constructor, from the time such equipment arrives at or near the building site, shall be handled and unloaded by the Elevator Constructors. Mechanical equipment such as a forklift or truck mounted swing boom may be used by the Elevator Constructors. A derrick, crane or material hoist can be used under the supervision of Elevator Constructors to handle and unload the heavy material described in Par. 5(a). Where unusual conditions are expected to exist prior to delivery of equipment at or near the building site in regard to handling and unloading of equipment in the primary or secondary jurisdiction of the local union, the Company shall contact the Local's Business Representative to make appropriate arrangements for the handling and unloading of such equipment. In areas outside the jurisdiction of the local union, the Company shall contact the Regional Director.

(b) The erecting and assembling of all elevator equipment to wit: electric, hydraulic, steam, belt, dumbwaiters, residence elevators, parking garage elevators (such as Bowser, Pigeon Hole, or similar types of elevators), shuttles, compressed air and handpower, automatic people movers, monorails, airport shuttles and like-named devices used in the transportation of people for short distances of travel (less than 5 miles), as well as vertical reciprocating conveyor systems.

(c) It is understood and agreed that the preassembly of all escalators, moving stairways and link belt carriers that may be done in the factory shall include the following:

1. Truss or truss sections with tracks, drive units, machines, handrail drive sheaves, drive chains, skirts on the incline sections but not curved sections, step chains and steps installed and permanently aligned.
2. Balustrade brackets may be shipped attached but not aligned.
3. Setting of all controllers and all wiring and conduit from the controller.

All other work on escalators, moving stairways and link belt carriers shall be performed in the field before or after the truss or truss sections are joined and/or hoisted and placed in permanent position. This includes any and all work not done in the factory. The erecting and assembly of all theater stage and curtain elevator equipment and guides and rigging thereto, organ consoles and orchestra elevators

- (d) All wiring, conduit, and raceways from main line feeder terminals on the controller to other elevator apparatus and operating circuits. Controllers are not to be shipped from the factory with extended wiring attached thereto.
- (e) The erecting of all guide rails.
- (f) The installation of all grating under the control of the Company. The installation of all counterweight screens, overhead work, either wood or iron, and all material used for mounting of elevator apparatus in machine room, overhead or below.
- (g) The drilling of overhead beams for attaching machines, sheaves, kick angles, and all other elevator equipment.
- (h) The setting of all templates.
- (i) All foundations, either of wood or metal, that should take the place of masonry.
- (j) The assembly of all cabs complete.
- (k) The installation of all indicators.
- (l) The erecting of all electrical or mechanical automatic or semi-automatic gates complete.
- (m) The hanging of all automatic or semi-automatic elevator hoistway doors, together with the installation of hangers and tracks.
- (n) The installation of all devices for opening and closing and locking of elevator car and hoistway doors and gates.
- (o) The drilling of doors for mounting of closing devices.
- (p) The drilling of angle supports for mounting of closing devices except one template hole.
- (q) The drilling of sills for sill trips.
- (r) The operating of temporary cars.
- (s) The setting of all elevator pressure open or pit tanks.
- (t) The setting of hydraulic power units (power units include: motor, pump, drive valve system, internal piping, muffler, internal wiring, controller and tank). Where power units arrive in parts, they shall be assembled at the job site. The wiring and piping to and between multiple hydraulic power units shall be performed at the job site.
- (u) All air cushions with the exception of those built of brick or those put together with hot rivets.
- (v) Landing door entrances.

Craft: FENCE ERECTOR (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Fence Erector.....45.78

ADD ZONE RATE

In addition to FENCE ERECTOR rates add the applicable amounts per hour, calculated based on a road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$4.00 |
| Zone 3 | 150 to 300 miles | \$5.00 |
| Zone 4 | 300 miles or over | \$6.00 |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For any hours worked on Saturday from midnight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over twelve (12) hours in one day or shift.
2. For any hours worked on Sunday from midnight to midnight.
3. For any hours worked on holidays from midnight to midnight.

RECOGNIZED HOLIDAYS

If any of these holidays fall on Sunday, the Monday following shall be considered a Holiday. New Year’s Day, President’s Day, Memorial Day, Fourth of July, Labor Day, Admission Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION:

Includes but is not limited to:

1. Erecting or repairing chain link, wooden, tortoise, wire/wire mesh, or temporary fencing;
2. Mixing and pouring concrete around bases of posts and tamping soil into post hole to embed post;
3. Digging post holes with a spade, post hole digger or power-driven auger;
4. Aligning posts through the use of lines or by sighting;
5. Verifying vertical alignment of posts with a plumb bob or spirit level;

Craft: FLAG PERSON (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Flag Person.....42.66

ADD ZONE RATE

In addition to FLAG PERSON add the applicable amounts per hour, calculated based on a road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$4.00 |
| Zone 3 | 150 to 300 miles | \$5.00 |
| Zone 4 | 300 miles or over | \$6.00 |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For any hours worked on Saturday from mid night to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over twelve (12) hours in one day or shift.
2. For any hours worked on Sunday from midnight to midnight.
3. For any hours worked on holidays from midnight to midnight.

RECOGNIZED HOLIDAYS

If any of these holidays fall on Sunday, the Monday following shall be considered a Holiday. New Year’s Day, President’s Day, Memorial Day, Fourth of July, Labor Day, Admission Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION

FLAG PERSON, includes but is not limited to:

1. Directing movement of vehicular traffic through construction projects;
2. Distributing traffic control signs and markers along site in designated pattern;
3. Informing drivers of detour routes through construction sites;

Craft: FLOOR COVERER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|-------------------------------|-------|
| Floor Coverer Journeyman..... | 50.69 |
| Floor Coverer Foreman..... | 54.12 |

ADD PREMIUM PAY

Shift work

1. \$2.00 per hour will be added to the taxable net wage to shift schedule of hours worked between 6:00 p.m. and 6:00 a.m.

One and one half (1 ½) time -shall be calculated using one (1) hour of the taxable net wage and one half (1/2) the base wage, to be paid for all time:

1. For all hours worked over ten (10) hours in one day or shift.
2. For any hours worked on Saturday from midnight to midnight

Double time -shall be calculated using one (1) hour of the taxable net wage and one (1) of the base wage, to be paid for all time:

1. For any hours worked on Sunday from midnight to midnight
2. For any hours worked on holidays from midnight to midnight

RECOGNIZED HOLIDAYS

New Year's Day, Memorial Day, Independence Day, Labor Day, Admissions Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between Painters and Allied Trades DC 16 and Independent Flooring Contractors of No Nevada

Measuring, cutting, fabricating, fitting, installing to be cemented, tacked or otherwise applied to its base wherever it may be, all materials whether used either as a decorative covering or as an acoustical appliance such as carpets of all types and designs, wall carpets, sheet rubber, sheet vinyl, cork carpet, rubber tile, asphalt tile, tile, cork tile, linoleum tile, mastic in sheets or the tile from vinyl tile, interlocking tile, laminate flooring, engineered wood, hardwood, composition in sheet or tile form and all derivatives of above; the fittings of all devices for the attachment of the above materials and the fitting of all decorative or protective trim to and adjoining the above materials which shall include the drilling and plugging of holes and attaching of strips, slats, nosing, etc. on any base where the above materials are to be installed, or applied, such as drilling, plugging, slating, and slating for installing or fastening of carpet, the installing of all nosing, cap strips, corner beads and edging of any material and the preparatory work of the craft for all of the aforesaid. Also, the cleaning of rugs, carpets, and drapery hanging, make-up and the installation of drapes, the spraying and/or rolling of adhesives as required for double stick installation and carpet tiles.

Craft: GLAZIER (Non-Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Glazier Journeyman.....25.25

JOB DESCRIPTION:

Includes but is not limited to:

- 1. Installing, setting, cutting, preparing, or removal of glass, or materials used in lieu thereof, including, without limitation, in windows, doorways, showers, bathtubs, skylights and display cases;
- 2. Installing glass on surfaces, including, without limitation, fronts of buildings, interior walls and ceilings;
- 3. Installing pre-assembled framework for windows and doors designed to be fitted with glass panels, including stained glass windows by using hand tools;
- 4. Loading and arranging of glass on trucks at the site of the public work;

Craft: Highway Striper (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|------------------------------|-------|
| Highway Striper..... | 48.28 |
| Highway Striper Foreman..... | 48.78 |

ADD ZONE RATE

In addition to HIGHWAY STRIPER rates add the applicable amounts per hour, calculated based on a road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$4.00 |
| Zone 3 | 150 to 300 miles | \$5.00 |
| Zone 4 | 300 miles or over | \$6.00 |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For any hours worked on Saturday from midnight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over twelve (12) hours in one day or shift.
2. For any hours worked on Sunday from midnight to midnight.
3. For any hours worked on holidays from midnight to midnight.

RECOGNIZED HOLIDAYS

If any of these holidays fall on Sunday, the Monday following shall be considered a Holiday.

New Year’s Day, Memorial Day, 4th of July, Labor Day, Admission Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION:

Includes but is not limited to:

1. Painting highways, streets and parking surfaces by using manually propelled or mechanically propelled machines, brushes, rollers or spray guns;
2. Installing any device or application of any material used in lieu of paint for traffic direction, including, without limitation, buttons, tapes, plastics, rumble bars and other similar materials;

Craft: Hod Carrier-Brick Mason Tender (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|-----------------------------|-------|
| Brick Mason Journeyman..... | 46.03 |
| Brick Mason Foreman..... | 46.43 |

ADD ZONE RATE

In addition to Hod Carrier Brick Mason Tender rates add the applicable amounts per hour, calculated based on road miles from the Washoe County Courthouse:

| | | |
|------|-------------------|--------|
| Zone | 75 miles and Over | \$8.13 |
|------|-------------------|--------|

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For any hours worked on Saturday from midnight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over twelve (12) hours in one day or shift.
2. For any hours worked on Sunday from midnight to midnight.
3. For any hours worked on holidays from midnight to midnight.

RECOGNIZED HOLIDAYS

If any of these holidays fall on Sunday, the Monday following shall be considered a Holiday. New Year's Day, President's Day, Memorial Day, Fourth of July, Labor Day, Admission Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between No, NV Masonry Contractors and LIUNA Local 169

Conveying of all materials used by the Brick and Stone Masons from the first point of delivery to the Mechanic whether done manually or by a piece of machinery or equipment devised to replace the wheelbarrow or buggy, including but not limited to the forklift. The handling of Bricks, Blocks, mortar, or any other material to serve the bricklayer in any capacity building and dismantling scaffolds of any kind or type used by Bricklayers for masonry work including but not limited to tower scaffolds, access scaffolds, or other specialty scaffolds, mixing and tempering mortar by hand and/or machine, mixing grout and cleaning up after the bricklayer, the repairing and maintenance of all equipment, either on the job or in the yard.

Craft: Hod Carrier-Plasterer Tender (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|-----------------------------------|-------|
| Plasterer Tender-Journeyman..... | 46.37 |
| Plasterer Tender- Gun Tender..... | 47.37 |
| Plasterer Tender-Foreman..... | 47.73 |

ADD ZONE RATE

In addition to: HOD CARRIER-PLASTERER TENDER rates add the applicable amounts per hour, calculated based on road miles from So. Virginia St., Reno, Nevada:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 70 miles | \$0.00 |
| Zone 2 | 70 miles and Over | \$8.00 |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For any hours worked on Saturday from mid night to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over twelve (12) hours in one day or shift.
2. For any hours worked on Sunday from midnight to midnight.
3. For any hours worked on holidays from midnight to midnight.

RECOGNIZED HOLIDAYS

If any of these holidays fall on Sunday, the Monday following shall be considered a Holiday. New Year’s Day, President’s Day, Memorial Day, Fourth of July, Labor Day, Admission Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between Plasterers Contractors and LIUNA Local Union 169

Any Employee within the scope of this division tending or serving any other worker performing plasterers work, any plasterer, plasterers, or apprentices in any capacity performing plasterers work including but not limited to, handling and conveying of all materials after delivery used by plasters, including but not limited to, inside finish coat, outside finish coat, brown coat, scratch coat, sprayed or trowled on fireproofing, EIFS systems, and other materials or systems for the same or similar purpose whether done manually or by a piece of machinery or equipment devised to replace the wheelbarrow or buggy, including but not limited to the forklift, tusk hoist, and rigging and signaling for cranes to the point or points of application or installation, making mixing and preparing after delivery all materials used by plasters, whether by hand or machine including but not limited to mixers, pumps for plaster or fire proofing, plaster, finish coats, fireproofing, including Monocoat, Cafco or other materials for the same or similar use, moving any rolling scaffolding, building and handling all necessary trestle, scaffolding and planking of scaffolding for plasterers and lathers, building mortar boxes, mortar boards and stands, and the repairing and maintenance of all equipment either on the job or in the yard, the spreading of all temporary protective drop cloths, building paper or plastic covers and taping of same (in a composite crew with the plasterers when necessary), the cleaning of all floors, and debris, behind the plasterers or any other worker performing plasterers work in connection with the work performed all work necessary for cold weather protection and cure including but not limited to handling installing or tending to blankets, visqueen, and space heaters, and running putty.

Tending to plasterers or any other worker performing plasterers work on EFIS system work shall include all work after the wallboard is installed including but not limited to any preparatory sealing or leveling, placing foam, mesh, and plaster including any rough, finish, and color coats.

For sprayed on fire proofing work only, including Monocoat, Cafco or other materials for the same or similar use an Employer signatory to this Agreement and the Local 169, Laborers Master Agreement may employ Laborers at the Group 1 wage rate to perform overspray protection, the spreading of all temporary protective drop cloths, building paper or plastic covers and taping of same, the cleaning of all floors, and debris, cold weather protection and cure including but not limited to handling installing or tending to blankets, visqueen, and space heaters and moving rolling scaffolding.

Craft: Ironworker (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|----------------------------------|-------|
| Ironworker-Journeyman..... | 78.74 |
| Ironworker - Foreman..... | 83.21 |
| Ironworker -General Foreman..... | 88.13 |

ADD ZONE RATE

In addition to Iron Worker rates add the applicable amounts per day, calculated based on a road mile from the Reno City Hall.

| | | |
|--------|--------------------|---------|
| Zone 1 | 60 to 75 miles | \$20.00 |
| Zone 2 | 75 to 100 miles | \$25.00 |
| Zone 3 | 100 miles and over | \$75.00 |

ADD PREMIUM PAY

One and one half (1X) the regular straight time hourly rate shall be paid:

1. For the first two (2) hours worked in excess of eight (8) on a regular workday Monday-Friday
2. For the first eight (8) hours on Saturday

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over ten (10) hours in one day or shift.
2. For any hours worked on Sunday.
3. For all hours worked over eight (8) on Saturday
4. For all hours worked on Holidays

Shift Pay

1. 2nd shift add 6% of hourly wage
2. 3rd shift add 13% of hourly wage
3. Dedicated shift add 6% of hourly wage

RECOGNIZED HOLIDAYS

New Year’s Day, President’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB CLASSIFICATION: Excerpt from Agreement between NV AGC and DC of Ironworkers

Field fabrication and/or erection or deconstruction of structural, ornamental and reinforcing steel, including but not limited to the fabrication, rigging and signaling, erection and construction of all iron and steel, ornamental lead, bronze, brass, copper and aluminum, plastics and all other substitute materials, including, but not limited to, composites, carbon fiber and fiberglass, all barrier railings, handrail, aluminum, steel, glass and plastic, reinforced concrete structures or parts thereof; bridges, viaducts, inclines, dams, docks, dredges, vessels, locks, gates, guides, aqueducts, reservoirs, spillways, flumes, caissons, cofferdams, subways, tunnels, cableways, tramways, monorails, blast furnaces, stoves, kilns, coolers, crushers, agitators, pulverizers, mixers, concentrators, ovens, cupolas, roof decking such as but not limited to “Cofar”, “Trusdeck”, Mahon “M”; smoke conveyors, penstocks, flag poles, drums, shafting, shoring, fur and storage rooms, fans and hot rooms, stacks, bunkers, conveyors, dumpers, elevators, vats, tanks, enamel tanks, enamel vats, towers, pans, hoppers, plates, anchors, caps, corbels, lintels, Howe and combination trusses, grillage and foundation work, grating, bucks, partitions, hanging ceilings, hangers, clips, brackets, flooring, floor construction and domes, rolling shutters, curtains, frames; aluminum, rolling fire, won and iron doors, including supports; cast

tiling, air ducts, duct and trench frames and plates; wire work, railings, wire cable including pipe, guards, fencing, grill work, sidewalk and vault lights, skylights, roofs, canopies, light steel framing, marquees, awnings and other related equipment elevator and dumb waiter enclosures, elevator cars, tracks, fascias, aprons, operating devices, steel and aluminum sash, hardware and screens, frames, fronts, lockers, racks, book stacks, tables, shelving, metal furniture, seats, chutes, escalators, stairways including pre-engineered stairs, ventilators, boxes, fire escapes, signs, jail and cell work, safes, vaults, vault doors, safe deposit boxes, corrugated sheets when attached to steel frames, including insulation; frames in support of boilers; materials altered in field such as framing, cutting, bending, drilling, burning and welding including by acetylene gas and electric machines; metal forms and false work pertaining to concrete construction; seismic isolation systems and dampening systems including base isolators, sectional water tube and tubular boilers and stokers; traveling sheaves, vertical hydraulic elevators, bulkheads, skip hoists, making and installation of articles made of wire and fibrous rope, rigging in connection with pumps, compressors, forced and induced draft fans, air meters, Bailey meters, agitators, oxygen converters, cinder machines, pelletizing machines, reactor vessels, reactor spheres, completed tanks and assembled sections of completed tanks, scroll cases, refineries, hydroelectric power houses and steam plants, cogeneration plants, vessels and government departments; false work, travelers, scaffolding, pile drivers, sheet piling, derricks and powered derrick swinger including the erection, installation, handling and operating. Cranes erection, installation, handling and operating of same on all forms and types of construction work. The operation of Valla and Spider type battery and/or propane powered portable floor cranes having no operator seat utilized to install ironworker scope of work and the same on all forms and types of construction work. Crane work at the ports, including hammer-head cranes, container cranes and rubber tire cranes. Offloading, relocations, and commissioning of all burning and removal of sea bracing track layout; erection of apex boom extensions, back reach extensions, and rail replacement. Includes all welding, containment and structural modifications of the aforementioned items; railroad bridge work including maintenance thereof; moving, hoisting and lowering of machinery, modules, skid modules and placing of same on foundation, including bridges, cranes, intermittent use forklifts, derricks, buildings, piers and vessels; loading, unloading, necessary maintenance, erection, installation, removal, wrecking and dismantling of all of the above and all reinforcing work and submarine diving in connection with or about same; erection of steel towers, chutes and spouts for concrete where attached to towers and handling and fastening of cables and guys for same; unloading, racking, sorting, cutting, bending, hoisting, placing and tying including the use of any and all mechanical tying devices, burning and welding including stud welding of all iron, steel and metal in reinforced concrete construction including mesh for floor arches and the making of hoops and stirrups, metal forms and metal supports thereof; jacking of slip forms, installation of all wire, cable, parabolic cans, steel and all other materials, including, but not limited to, composites, carbon fiber and fiberglass, used for the purposes of prestressing including grouting of ducts, post stressing concrete girders, beams, columns, etc.; loading, unloading, hoisting, handling, signaling, placing and erection of all prestressed, post stressed, precast materials, G.F.R.C., Dryvit System, including the securing by bolting and/or welding and the installation of steeltex and wire mesh of any type when used for reinforced concrete construction; erection of all curtain wall; glass handrail; stay in place deck; automated and/or mechanical parking structures; offloading, staging, hoisting and setting of modular structures and micro-units; curtain wall systems and associated sealants. Window wall and entrances, panels, insulated and non-insulated, factory and field assembled, porcelain enameled panels, ceramic, laminated spandrelite, louvers and sunscreens; application of thiokol, neoprene and other sealants used to seal materials installed by Iron Workers; installation and handling of phenolic panels, including but not limited to, Trespa products and all similarly related materials and/or systems; installation of metal window stools and sills; installation of aluminum, bronze and steel thresholds; erection and dismantling of all types of cranes and changing of booms; erection of rock, sand and gravel plants, dismantling and loading out conveyors, aggregate plants, batch plants, abeleways, refrigeration plants, etc.; erection and dismantling of Monigan walking dragline, launchhammer bucket wheel excavator and other trenching equipment; signaling on highlines, whirley cranes and derricks, buck hoists, man hoists, fork lifts, material towers and scanning antennae; metal

and steel supports of all types; fabrication, assembling and erection of offshore drilling platforms or similar installations; dust collectors, precipitators, multi-plate, specialty welding processes, unloading, loading, hoisting, handling and rigging of all building materials delivered to the job site; hanging ceilings, tees, channels, beams, acoustical elements, sound barriers, computer floors, etc.; installation of stage rigging (including counterweights), curtains, draperies, traverse rods, tracks, cables, window cleaning equipment, powered work platforms, including and loading and unloading, erection installation and removal of powered chassis mounted elevating mast climbing work platforms, rigging in connection with display shows; ski lifts, etc.; wrecking of bridges, viaducts, elevated roads and structural steel and iron in buildings; all steel frames for openings, all porches, verandas, canopies and balconies; all overhead travelers, duo rails, tram rails; erection, setting, repairing of guard or collision rails on bridges and approaches, road ways or any other structures; handling and setting of all types of steel and metal joists, including metal box joists for truss lab and preformed keystone shaped metal joists; erection of steel and metal houses and packaged buildings; all translucent and plastic material on steel frame construction; the erection of solar energy systems, including but not limited to, photo voltaic, heliostat and parabolic systems, energy producing windmill type towers, wind turbine erection to included, but not limited to, prep work, boltup, tensioning or torque of bolts on base and all tower section turbine and blade assemblies; nuclear reactors, electromagnetic shielding plates and atomic vessels including all component parts; the plumbing, aligning and leveling of all materials and equipment through the use of optical instruments, LASER beams, etc., and the use of instruments to establish layout, installation and disposition of ironworker installed scope of work; the unloading, distributing, stockpiling and handling of all materials coming under the jurisdictional claims of the UNION such as to rail heads, storage yards, loading and unloading, hoisting, handling, signaling of all fabricated material and equipment at the jobsite (except FOB deliveries) related to the Iron Workers jurisdiction that is within the individual employers' contractual scope of work including from and to barge and ships to a lay down yard or construction project, etc., shall be done by the Iron Workers.

All reinforcing work in connection with field fabrication, including but not limited to the pre-assembly of reinforcing cages, loading and unloading, handling, racking, sorting, cutting, bending, hoisting, intermittent use of forklifts, placing, burning, welding and tying of all material including the use of any and all mechanical tying devices, or substitute materials, including but not limited to, composites, carbon fiber and fiberglass, stainless steel, used to reinforce concrete construction shall be done by Iron Workers within the individual employers' scope of work at the jobsite, excluding FOB deliveries. A working Iron Worker shall be employed for maintenance on jobs of substantial size while concrete is being poured on reinforcing steel, wire mesh and paper back steeltex but will not be required as a stand-by man. All work in connection with the installation, alignment, repair & modification of panelized roofing systems, pre-engineered fabric structures, aluminum clarifier coverings, carports, ministorages, and dock planks. All work in connection with the installation, alignment, repair and modification of bleachers, planking and stadium seating. All work in connection of installation of amusement rides including, but not limited to, the erection and alignment of all track, machinery and related components.

Craft: Laborer (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|--------------------------|-------|
| Landscaper | 40.37 |
| Furniture Mover | 41.87 |
| Group 1..... | 45.53 |
| Group 1A..... | 42.66 |
| Group 2..... | 45.63 |
| Group 3..... | 45.78 |
| Group 3A..... | 48.21 |
| Group 4..... | 46.03 |
| Group 4A..... | 48.53 |
| Group 5..... | 46.33 |
| Group 6 | |
| Nozzlemen, Rodmen..... | 45.33 |
| Gunmen, Materialmen..... | 46.03 |
| Reboundmen..... | 45.68 |
| Gunite Foreman..... | 46.73 |

ADD ZONE RATE

In addition to LABORER rates add the applicable amounts per hour, calculated based on a road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$4.00 |
| Zone 3 | 150 to 300 miles | \$5.00 |
| Zone 4 | 300 miles or over | \$6.00 |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For any hours worked on Saturday from midn ight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over twelve (12) hours in one day or shift.
2. For any hours worked on Sunday from midnight to midnight.
3. For any hours worked on holidays from midnight to midnight.

RECOGNIZED HOLIDAYS

If any of these holidays fall on Sunday, the Monday following shall be considered a Holiday. New Year’s Day, President’s Day, Memorial Day, Fourth of July, Labor Day, Admission Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between AGC and LIUNA Local 169

The construction, erection, alteration, repair, modification, demolition, addition, improvement of all building, heavy and highway, utility, industrial and all other type(s) of construction.

SEE GROUP CLASSIFICATIONS

Craft: LUBRICATION AND SERVICE ENGINEER (MOBILE AND GREASE RACK) (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

SEE AMENDMENT 2

Lubrication and Service Engineer (mobile and grease rack).....65.08

ADD ZONE RATE

In addition to: **LUBRICATION AND SERVICE ENGINEER (MOBILE AND GREASE RACK)** rates add the applicable amounts per hour calculated based on a road miles from the Carson City Courthouse or Washoe County Courthouse.

| | | |
|--------|--------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$4.00 |
| Zone 3 | 150 to 300 miles | \$5.00 |
| Zone 4 | 300 miles and over | \$6.00 |

ADD PREMIUM PAY

1. One and one-half (1-1/2) times the applicable straight-time rate for the day, shift, work, equipment and classification shall be paid for all work (including repair work and field survey work) performed on Saturday and before a shift begins and after it ends, except when operating equipment servicing a craft that is receiving double time on commercial building construction, in which case double time shall be paid.

2. Overtime. The following rates shall apply on Sundays and holidays and all work before a shift begins and after it ends:

RECOGNIZED HOLIDAYS

Holidays. Double the applicable straight-time rate shall be paid for all work (including repair, maintenance and field survey work) performed on Sundays and the following holidays: New Year's Day (January 1); Memorial Day (last Monday in May); Independence Day (July 4); Labor Day (1st Monday in September); Nevada Admission Day (last Friday in October); Thanksgiving Day (4th Thursday in November); the day after Thanksgiving Day; and Christmas Day (December 25). Holidays falling on Sunday shall be observed on the following Monday. Holiday hours shall be reckoned on the same basis as Sunday hours.

Saturday Shift Period. On any shift, Saturday shall be the twenty-four-hour period commencing at 12:00 midnight Friday.

Sunday Shift Period. On any shift, Sunday shall be the twenty-four-hour period commencing at 12:00 midnight Saturday.

3. For hours worked in excess of 12) on any such workday, an Employee shall be paid two (2) times the regular straight-time rate of pay for each hour so worked.

Craft: Mechanical Insulator (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|--|-------|
| Mechanical Insulator-Mechanic..... | 72.11 |
| Mechanical Insulator-Foreman..... | 76.11 |
| Mechanical Insulator-General Foreman | 78.11 |

ADD ZONE RATE

In addition to MECHANICAL INSULATOR rates add the applicable amounts per DAY, calculated based on a radius figured from Reno City Hall:

| | | |
|--------|----------------|---------|
| Zone 1 | 0 to 20 miles | \$11.00 |
| Zone 2 | 21 to 40 miles | \$21.00 |
| Zone 3 | 41 to 60 miles | \$31.00 |
| Zone 4 | Over 60 miles | \$85.00 |

ADD PREMIUM PAY

One and one half times the minimum hourly wage rate shall be paid for the first two (2) hours of overtime work, directly following eight (8) hours Monday through Friday, and for the first ten (10) hours worked on Saturdays. Double the minimum hourly wage rate shall be paid for all other overtime worked Monday through Friday and in excess of ten (10) hours on Saturdays.

RECOGNIZED HOLIDAYS

New Year's Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from the Int'l Assoc. of Heat and Frost Insulators and Allied Workers Local 16 and the No. CA Chapter. Western Insulation Contractors Assoc.

- 65. Lining of all mechanical room surfaces and air handling shafts.
- 66. The filling and damming of fire stops and penetrations including, but not limited to, electrical and mechanical systems.
- 67. All foam applications for the purpose of thermal, acoustical, or fire protective purposes, including RTV foams or equivalents, applied to mechanical or electrical systems.
- 68. All duct lining, and duct wrapping, done on the job site, direct application and installation of fire protection of grease ducts, exhaust systems, or any other ductwork for acoustical or thermal purposes.
- 69. The insulation of all field joints on pre-insulated underground piping, and the pouring of Gilsilite or its equivalent.
- 70. Any finish material which is contiguous to the thermal or acoustical application.
- 71. The preparation, distribution of materials on job sites, assembling, molding, spraying, pouring, mixing, hanging, adjusting, repairing, dismantling, reconditioning, maintaining, finishing, and weather proofing of hot or cold thermal or acoustical insulation with such materials as may be specified.
- 72. The application of any material, including metal and PVC jacketing, Alumaguard or equivalent, on piping, fittings, valves, flanges, boilers, ducts, plenums, flues, tanks, vats, equipment and any other hot or cold surface for the purpose of thermal control.
- 73. The Agreement shall cover all other work of a specialty nature.

Craft: Millwright (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---------------------------------|-------|
| Millwright Journeyman..... | 71.01 |
| Millwright Welder..... | 72.01 |
| Millwright Foreman..... | 75.30 |
| Millwright General Foreman..... | 80.02 |

ADD ZONE RATE

In addition to MILLWRIGHT rates, add the applicable amounts per hour, calculated on road miles from the Washoe County Courthouse:

| | | |
|--------|----------------|--------|
| Zone 1 | 0 to 15 Miles | \$0.00 |
| Zone 2 | 15 to 35 Miles | \$2.50 |
| Zone 3 | Over 35 Miles | \$4.25 |

ADD PREMIUM PAY

First two (2) hours outside the regular constituted shift shall be at the rate of time and one-half (1½X).

Saturdays up to the first ten (10) hours shall be at the rate of time and one-half (1½X). All additional hours and Sundays and holidays shall be the rate of double time (2X). When working on Sundays and holidays, there will be one dollar and fifty cents (\$1.50) per hour additional paid to Pension Annuity. Admission Day is a recognized holiday in lieu of Veterans' Day.

RECOGNIZED HOLIDAYS

New Year's Day, Washington's Birthday (President's Day), Memorial Day, 4th of July, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving, Christmas Day.

JOB DESCRIPTION Excerpt from Southwest Regional Council of Carpenters and Affiliated Local Unions Master Labor Agreement

5006.18

The work of the millwrights, as spelled out in the Jurisdictional Claims Handbook referenced in Paragraph 5006.17 above, is as follows: The term "MILLWRIGHTS AND MACHINE ERECTORS" shall mean the, unloading, hoisting, rigging, skidding, moving, dismantling, aligning, erecting, assembling, repairing, maintaining and adjusting of all machinery and equipment installed either in buildings, factories, structures, or processing areas, either undercover, underground or elsewhere required to process material, handle, manufacture or service, be it powered or receiving power manually, by steam, gas, electric, gasoline, diesel, nuclear, solar, water, air or chemically; and in industries such as and including but not limited to the following (which are identified for the purpose of description: woodworking plants, canning industries, steel, coffee roasting plants, paper and pulp, cellophane, stone crushing, gravel and sand washing and handling, refineries, grain storage and handling, asphalt plants, sewage disposal and water plants, laundry, bakery, mixing plants, can, bottle and bag packing plants, textile mills, paint mills, breweries and milk processing plants, power plants, aluminum processing or manufacturing plants, and the amusement or entertainment field.

5006.19

Also included are installation of mechanical equipment in atomic energy plants, installation of reactors in power plants, installation of control rods and equipment in reactors, installation of mechanical equipment in rocket missile bases, launchers, launching gantry, floating bases, hydraulic escape doors and any and all component parts thereto either assembled, semi-assembled or disassembled.

5006.20

Further included is the installation of, but not limited to the following: setting of all engines, motors, generators, air compressors and fans, pumps, scales, hoppers, conveyors of all types and sizes and their supports, escalators, man lifts, moving machinery, mechanical operator and/or automatic doors, roll-up doors, mechanical stage equipment, amusement devices, mechanical pin setters and spotters in bowling alleys, refrigeration equipment and installation of all types of equipment necessary and required to process material either in manufacturing or servicing, the handling and installation of pulleys, gears, sheaves, fly wheels, air and vacuum drives, worm drives and gear drives directly or indirectly coupled to motors, belts, chains, screws, legs, boots, guards, boot tanks, all bin valves, turn heads and indicators, shafting, bearing, cable sprockets, cutting all key seats in new and old work, troughs, chippers, filters, calendars, rolls, winders, reminders, slitters, cutters and wrapping machines; blowers, forging machines, rams, hydraulic or otherwise, planing, extruder, ball, dust collectors, equipment in meat packing plants and splicing of ropes and cables.

5006.21

Additionally included are the laying out, fabrication and installation of protection equipment, including machinery guards, the making and setting of templates for machinery, fabrication of bolts, nuts, pins and drilling of holes for any equipment which the millwrights install regardless of materials; all welding and burning regardless of type; fabrication of all lines, hose or tubing used in lubricating machinery installed by millwrights; grinding, cleaning, servicing and machine work necessary for any part of any equipment installed by the millwrights; and the breaking in and trial run, of any equipment or machinery installed by the millwrights

5006.22

When requested in writing by the Millwright Union, individual Employers who are parties to this Agreement shall furnish signed letters promptly on a date mutually agreed upon by both parties, but in no case more than thirty (30) days, on the letterhead of the individual Employer stating he is employing or had employed millwrights on a specific type of work and a specific job and paid the negotiated scale of wages and fringe benefits for such work.

5006.23

The individual Employer and the Local Union will cooperate promptly in attempting to resolve jurisdictional disputes that may arise on any job or project.

Craft: OPERATING ENGINEER (Union Rate)
Prevailing wage rates include the base rate as well as all applicable fringes

SEE AMENDMENT 2

| Operating Engineers | (SEE GROUP CLASSIFICATIONS) |
|--|-----------------------------|
| Group 1..... | 63.11 |
| Group 1A..... | 65.82 |
| Group 2..... | 66.35 |
| Group 3..... | 66.62 |
| Group 4..... | 67.36 |
| Group 5..... | 67.66 |
| Group 6..... | 67.86 |
| Group 7..... | 68.08 |
| Group 8..... | 68.67 |
| Group 9..... | 68.99 |
| Group 10..... | 69.34 |
| Group 10A..... | 69.53 |
| Group 11..... | 69.77 |
| Group 11A..... | 71.41 |
| Group 11B..... | 72.22 |
| Foreman..... | 68.80 |
| Add \$12.5% to base rate for "Special" Shift | |

Add Operating Engineers Zone Pay
Add Premium Pay

Craft: OPERATING ENGINEER (Union Rate)
STEEL FABRICATOR & ERECTOR

Prevailing wage rates include the base rate as well as all applicable fringes

| Operating Engineers | (SEE GROUP CLASSIFICATIONS) |
|---|-----------------------------|
| Group 1..... | 78.36 |
| Group 1 Truck Crane Oiler..... | 72.19 |
| Group 1 Oiler..... | 70.23 |
| Group 2..... | 76.85 |
| Group 2 Truck Crane Oiler..... | 71.94 |
| Group 2 Oiler..... | 70.02 |
| Group 3..... | 75.61 |
| Group 3 Truck Crane Oiler..... | 71.72 |
| Group 3 Oiler..... | 69.80 |
| Group 3 Hydraulic..... | 71.39 |
| Group 4..... | 73.88 |
| Group 5..... | 72.78 |
| Add \$12.5% to base rate for "Special" Shift..... | |

Add Operating Engineers Zone Pay
Add Premium Pay

Craft: OPERATING ENGINEER (Union Rate)
PILEDRIVER

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---|-----------------------------|
| Operating Engineers | (SEE GROUP CLASSIFICATIONS) |
| Group 1..... | 77.88 |
| Group 1 Truck Crane Oiler..... | 72.37 |
| Group 1 Oiler..... | 70.45 |
| Group 2..... | 76.29 |
| Group 2 Truck Crane Oiler..... | 72.16 |
| Group 2 Oiler..... | 70.25 |
| Group 3..... | 72.03 |
| Group 3 Truck Crane Oiler..... | 74.84 |
| Group 3 Oiler..... | 71.94 |
| Group 4..... | 73.33 |
| Group 5..... | 72.22 |
| Group 6..... | 68.94 |
| Group 7..... | 70.15 |
| Group 8..... | 69.19 |
| Add \$12.5% to base rate for "Special" Shift..... | |

ADD ZONE RATE

In addition to: **OPERATING ENGINEER, STEEL FABRICATOR & ERECTOR, and OPERATING ENGINEER PILED RIVER**, rates add the applicable amounts per hour calculated based on a road miles from the Carson City Courthouse or Washoe County Courthouse

| | | |
|--------|------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$5.00 |
| Zone 3 | 150 to 300 miles | \$6.00 |
| Zone 4 | 300 miles over | \$7.00 |

ADD PREMIUM PAY

1. One and one-half (1-1/2) times the applicable straight-time rate for the day, shift, work, equipment and classification shall be paid for all work (including repair work and field survey work) performed on Saturday and before a shift begins and after it ends, except when operating equipment servicing a craft that is receiving double time on commercial building construction, in which case double time shall be paid.

2. Overtime. The following rates shall apply on Sundays and holidays and all work before a shift begins and after it ends:

RECOGNIZED HOLIDAYS

Holidays. Double the applicable straight-time rate shall be paid for all work (including repair, maintenance and field survey work) performed on Sundays and the following holidays: New Year's Day (January 1); Memorial Day (last Monday in May); Independence Day (July 4); Labor Day (1st Monday in September); Nevada Admission Day (last Friday in October); Thanksgiving Day (4th Thursday in November); the day after Thanksgiving Day; and Christmas Day (December 25). Holidays falling on Sunday shall be observed on the following Monday. Holiday hours shall be reckoned on the same basis as Sunday hours.

Saturday Shift Period. On any shift, Saturday shall be the twenty-four-hour period commencing at 12:00 midnight Friday.

Sunday Shift Period. On any shift, Sunday shall be the twenty-four-hour period commencing at 12:00 midnight Saturday.

3. For hours worked in excess of 12) on any such workday, an Employee shall be paid two (2) times the regular straight-time rate of pay for each hour so worked.

JOB DESCRIPTION, includes but is not limited to:

Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement.

Craft: PAINTER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|--|---------------------------------|
| Brush/Roller Painter..... | 47.34 |
| Spray Painter/Paperhanger..... | 49.00 |
| Sandblaster..... | 49.05 |
| Structural Steel & Steeplejack..... | 49.05 |
| Swing Stage..... | 49.34 |
| Special Coating Application-Brush..... | 49.39 |
| Special Coating Application-Spray..... | 49.39 |
| Special Coating Application-Spray Steel..... | 49.39 |
| Foreman..... | \$1.00 above highest Journeyman |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift unless the Union is notified when four (4) tens (10's) are instituted.
2. For any hours worked on Saturday from midnight to midnight
3. For any work performed in excess of the regular work week of forty (40) hours.

Double the regular straight time hourly rate shall be paid for all time:

1. For any hours worked on Sunday from midnight to midnight
2. For any hours worked on holidays from midnight to midnight

RECOGNIZED HOLIDAYS

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between Painters and Allied Trades DC 16 and Independent Flooring Contractors of No Nevada

a. All painting of residences, buildings, structures, industrial plants, tanks, vats, pipes, vessels, bridges, light poles, high tension poles, traffic and parking lines on highways, parking lots, playgrounds, factories, and air line strips; all sign, pictorial, coach, car automobile, carriage, aircraft machinery, ship and railroad equipment, mural and scenic painting; spackling of all surfaces where adhesive materials are used; and all drywall pointing, taping and finishing.

b. All decorators, paperhangers, hard wood finishers, grainers, glaziers, varnishers, enamellers

1. Paperhangers work shall be all material of whatever kind or quality applied to walls or ceilings with paste or adhesive; all tacking on the muslin or other materials which is used as wall or ceiling coverings or covered with material pasted on.

2. The scraping off of old paper, preparing of walls, etc., for paper hangers work.

3. The application of relief, stucco, plaster or decorative work shall not be considered paperhanger's work exclusively.

(c) All men engaged in applying or removing paints, pigments, extenders, metal primers and metal pigments, clear pigments, binders, thinners and dryers, primers and sealers, oil paints and enamels,

water colors and emulsions, clear coatings, waxes, stains, mastics, cement enamels and other special coatings, plastics, adhesives, coatings and sheet rubber and other linings, oils, varnishes, water colors, wall paper, wall coverings or other materials used in the various branches of the trade, and the cleaning and bleaching of all interior and exterior walls and surfaces with liquid, steam, sandblast or any other process and all work incidental thereto.

Craft: PILEDRIIVER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---------------------------------|-------|
| Piledriver-Journeyman..... | 55.41 |
| Piledriver-Welder..... | 56.41 |
| Piledriver-Foreman..... | 58.87 |
| Piledriver-General Foreman..... | 62.68 |
| Tender..... | 58.87 |
| Stand-By Diver..... | 59.87 |
| Diver-Diving (Wet Pay)..... | 98.96 |

ADD ZONE RATE

In addition to PILEDRIIVER rates add the applicable amounts per hour, calculated from the Washoe County Courthouse:

| | | |
|--------|------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$4.00 |
| Zone 3 | 150 to 300 miles | \$5.00 |
| Zone 4 | Over 300 miles | \$6.00 |

ADD PREMIUM PAY

First two (2) hours outside the regular constituted shift shall be at the rate of time and one-half (1½X).

Saturdays up to the first ten (10) hours shall be at the rate of time and one-half (1½X). All additional hours and Sundays and holidays shall be the rate of double time (2X). When working on Sundays and holidays, there will be one dollar and fifty cents (\$1.50) per hour additional paid to Pension Annuity.

RECOGNIZED HOLIDAYS

New Year's Day, Memorial Day, 4th of July, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving, Christmas Day.

JOB DESCRIPTION

In addition, the operation of the power pack and vibratory hammer controls when driving or pulling, sheet pile, pile, soldier beams, cassinis or casing.

(1) In the construction of waterfront and marine facilities, such as docks, piers, wharves, bulkheads, jetties, and similar structures, the pile driver classification should continue to apply, up to and including the decking thereof.

(2) On all pile driving and caisson work on both land and water, the Pile Driver classification should apply.

(3) In the construction of wooden bridges whether over land or over water, when composed of heavy timber, the Pile Driver classification should apply.

(4) In the construction of concrete or steel bridges over land, the Pile Driver classification shall apply to the driving of piles and/or caisson work including the forms required for the capping of the piles or caissons immediately top of the piles or caissons. The capping of the piles is herein interpreted as being that concrete, wood, or other material resting on the top of the piles where driven or placed and does not include any further form work above the capping. In many instances it has been found that the capping is called the girder. The above shall apply on such concrete or steel bridges constructed over land, highways, railroads, overpasses and include cloverleafs, interchanges, etc.

(5) In the construction of concrete or steel bridges over water, the Pile Driver classification shall apply up to and including all of the form work to the top of the column, piers, or abutments supporting the steel and/or any other superstructures.

(6) In the erection of false work, when necessary for the support of work under the Pile Driver classification, then such false work shall fall within their classification. False work necessary for the support of work under the Carpenter classification shall be done within such Carpenter classification, with the exception that where pile driving or power equipment is used for heavy timber false work, then such work shall come under the Pile Driver classification. This would include all rigging, signaling and tagging incidental to the placing of the heavy timber.

(7) In the construction of open-cut sewers, the Pile Driver classification shall apply on all piling including wood, steel or concrete sheet piling, all bracing timber and form work incidental to the construction thereof.

Craft: PLASTERER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---------------------------|-------|
| Plasterer-Journeyman..... | 48.82 |
| Plasterer-Foreman..... | 52.13 |

ADD ZONE RATE

In addition to PLASTERER rates add the applicable amounts per hour, calculated from the South Virginia and Mill Street, Reno, Nevada:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 70 miles | \$0.00 |
| Zone 2 | 70 miles and over | \$8.00 |

ADD PREMIUM PAY

OVERTIME Eight (8) consecutive hours (exclusive of a meal period) shall constitute a day's work at straight time. Five (5) consecutive days of eight (8) consecutive hours (exclusive of a meal period), Monday through Friday, shall constitute a week's work. One and one half (1 ½) the regular straight time hourly rate shall be paid for all work over eight (8) hours. Sunday will be paid at double the regular straight time rate.

RECOGNIZED HOLIDAYS

All work performed on the following holidays shall be paid for at double the regular straight time rate: New Year's Day, Memorial Day, Fourth of July, Labor Day, Admissions Day, Thanksgiving Day and the Friday after Thanksgiving and also Christmas Day.

If any of the above holidays fall on Sunday, the Monday following shall be considered a holiday.

No work shall be permitted on the Fourth of July or Labor Day, regardless of compensation or donation, except in case of emergency or to protect life and property. Permission to work shall be granted by the representative of the Union or its officer.

JOB DESCRIPTION: Excerpt from Agreement No NV. Plasterers Master Labor Agreement

This includes but is not limited to:

1. All building construction, including but not limited to the construction, erection, alteration, repair, modification, demolition, addition, or improvement in whole or in part of any building structures,
2. All interior or exterior plastering construction, restoration, repair and inspection of cement, stucco, stone imitation or any patent material when ornamental molded plaster, and the setting of same. All specialty finishes such as veneer, venetian, marmoreno and grasello. All custom and specialty finishes, including but not limited to custom rock, carved plaster, brick and block veneer, stone and wood. Smooth and finish surfaces of full system E.I.F.S. including sticking and shaping of foam pieces or surfaces by adhesive or mechanical installation. All spray or toweled on fireproofing, including cementitious and intumescent products. All plaster acoustical finish systems including, but not limited to, BASWA Phon and Fellert.
3. All work processes which represent technological change, replacement, modification or substitution for the work described above. In addition, all work and use of new materials or *2020-2024 Reno Plasterers Master Labor Agreement* 4 techniques involved in plaster construction including but not limited to what is known as green or sustainable construction technology.

Craft: PLUMBER/PIPEFITTER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---|-------|
| Plumber/Pipefitter-Journeyman..... | 66.95 |
| Plumber/Pipefitter-Foreman..... | 71.48 |
| Plumber/Pipefitter-General Foreman..... | 76.01 |

ADD ZONE RATE

In addition to PLUMBER/PIPEFITTER rates add the applicable amounts per statute air mile radius from the Nevada freeway interchange of Interstate 80 and 580.

| | | |
|--------|---------------|--------|
| Zone 1 | 0 to 75 | \$0.00 |
| Zone 2 | Over 75 miles | \$8.00 |

A separate free zone will be established for employees permanently residing and working within a seventy-five (75) statute air mile radius of the Elko, Nevada Post Office.

| | | |
|--------|---------------|--------|
| Zone 1 | 0 to 75 | \$0.00 |
| Zone 2 | Over 75 miles | \$8.00 |

ADD PREMIUM PAY

Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.

RECOGNIZED HOLIDAYS

New Year's Day, Memorial Day, Fourth of July, Labor Day, Nevada Admission Day, Thanksgiving Day, the Friday after Thanksgiving Day, Day Before Christmas and Christmas Day and any Friday preceding a Holiday falling on a Saturday, if worked, holidays shall be compensated at the double time rate.

JOB DESCRIPTION Excerpt from Agreement between LU 350 of United Assoc. of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of United States and Canada

Installation of all heating and refrigeration systems and competent parts thereof, including fabrication, assembling, erection installation, dismantling, repairing, reconditioning, adjusting, altering servicing, handling, distributing, and tying on all piping materials appurtenances and equipment by method, including all hangars and supports of every description, all other work including the the trade relevant to oil burner and all other types of heating and refrigeration equipment including low voltage controls.

Craft: REFRIGERATION MECHANIC (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|--------------------------------------|-------|
| Refrigeration-Journeyman..... | 59.34 |
| Refrigeration -Foreman..... | 62.81 |
| Refrigeration -General Foreman | 66.27 |

ADD PREMIUM PAY

Premium pay for hours worked in excess of a shift of 8 hours or 12 hours or such other time increment set forth in the Collective Bargaining Agreement or on a weekend or holiday.

RECOGNIZED HOLIDAYS

New Year's Day, Memorial Day, Fourth of July, Labor Day, Nevada Admission Day, Thanksgiving Day, the Friday after Thanksgiving Day, Day Before Christmas and Christmas Day and any Friday preceding a Holiday falling on a Saturday, if worked, holidays shall be compensated at the double time rate.

JOB DESCRIPTION Excerpt from Agreement between LU 350 of United Assoc. of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of United States and Canada

Installation of all heating and refrigeration systems and competent parts thereof, including fabrication, assembling, erection installation, dismantling, repairing, reconditioning, adjusting, altering servicing, handling, distributing, and tying on all piping materials appurtenances and equipment by method, including all hangars and supports of every description, all other work including the trade relevant to oil burner and all other types of heating and refrigeration equipment including low voltage controls.

Craft: ROOFER (Non-Union Rate)
(Does not include sheet metal roofs)

Prevailing wage rates include the base rate as well as all applicable fringes

Roofer-Journeyman.....33.64

ROOFER

Includes but is not limited to:

1. Installing and covering roofs and structures with slate, asphalt, wood and other related materials, other than sheet metal, by using brushes, knives, punches, hammers and other tools;
2. Spraying roofs, sidings and walls with material to bind, seal, insulate or soundproof sections of a structure;
3. Installation of all plastic, slate, slag, gravel, asphalt and composition roofing, and rock asphalt mastic when used for damp and waterproofing;
4. Installation of all damp resisting preparations when applied on roofs with mop, three-knot brush, roller, swab or spray system;
5. All types of preformed panels used in waterproofing;
6. Handling, hoisting and storing of all roofing, damp and waterproofing materials;
7. The tear-off and/or removal of roofing and roofing materials;

Craft: SHEET METAL WORKERS (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|--|-------|
| Sheet Metal Worker Journeyman..... | 71.50 |
| Sheet Metal Worker -Foreman..... | 75.71 |
| Sheet Metal Worker -General Foreman..... | 79.93 |

ADD ZONE RATE

In addition to SHEET METAL rates add the applicable amounts per hour, calculated based on a road from the courthouse in Reno, Nevada:

| | | |
|--------|-----------------|--|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 100 miles | \$5.00 |
| Zone 3 | Over 100 miles | \$10.00 the employee shall be provided reasonable lodging and meal expenses. |

ADD PREMIUM PAY

All hourly rates are subject to Over Time (One and one half 1 ½) of the Regular rate:

1. For all hours worked over Eight (8) Hours in one day or shift.
2. For the first Eight (8) Hours work on Saturday.

All hourly rates are subject to Double Time of the Regular Rate:

1. For all hours worked over Ten (10) Hours in one day or shift.
2. For all hours worked over Eight (8) Hours on Saturday.
3. For all hours worked on Sunday, New Year’s Day, President’s Day, Memorial Day, Independence Day, Labor Day, Nevada Day, Thanksgiving Day, Day after Thanksgiving, Day before Christmas, and Christmas Day.

RECOGNIZED HOLIDAYS

New Year’s Day, President’s Day, Memorial Day, Independence Day, Labor Day, Nevada Day, Thanksgiving Day, Day after Thanksgiving, Day before Christmas, and Christmas Day

JOB DESCRIPTION: Excerpt from Sheet Metal Local 26 Collective Bargaining Agreement

(a) manufacture, fabrication, assembling, handling, erection, installation, dismantling, conditioning, adjustment, alteration, repairing and servicing of all ferrous or nonferrous metal work and all other materials used in lieu thereof and of all HVAC systems, air veyor systems, exhaust systems, and air-handling systems regardless of material used including the setting of all equipment and all reinforcements in connection therewith; (b) all lagging over insulation and all duct lining; (c) testing and balancing of all air-handling equipment and duct work; (d) the preparation of all shop and field sketches whether manually drawn or computer assisted used in fabrication and erection, including those taken from original architectural and engineering drawings or sketches; (e) metal roofing; and (f) all other work included in the jurisdictional claims of International Association of Sheet Metal, Air, Rail and Transportation Workers.

Craft: SPRINKLER FITTER (Non-Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Sprinkler Fitter-Journeyman.....27.08

JOB DESCRIPTION

Installing, dismantling, maintenance, repairs, adjustments and corrections of all fire protection and fire control systems Including the unloading, handling by hand, power equipment and installation of all piping or tubing, appurtenances and equipment pertaining thereto, including both overhead and underground water mains, fire hydrants and hydrant mains, standpipes, and hose connections to sprinkler systems, sprinkler tank heaters, air lines and thermal systems used in connection with sprinkler and alarms systems, also all tanks and pumps connected thereto. Also including shall be CO2 and Cardox Systems, Dry Chemical Systems, Foam Systems and all other fire protection systems, but excluding steam fire protection systems.

Craft: SOILS and MATERIAL TESTER (Non-Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Soil Tester (Certified).....44.17
Soils and Materials Tester.....44.17

Craft: SURVEYOR (Non-Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Surveyor.....38.81

SURVEYOR, includes but is not limited to:

1. Planning ground surveys designed to establish base lines, elevation and other geodetic measurements;
2. Compiling data relevant to the shape, contour, gravitation, location, elevation and dimension of land and land features on or near the surface of the Earth for engineering, map making, mining, land evaluation, construction and other purposes;
3. Surveying bodies of water to determine navigable channels and to secure data for construction of breakwaters, piers and other marine structures;
4. Computing data necessary for driving and connecting underground passages, underground storage and volume of underground deposits.

Craft: TAPER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|-----------------------|-------|
| Taper-Journeyman..... | 53.86 |
| Taper-Foreman..... | 57.75 |

ADD ZONE RATE

In addition to: TAPER rates add the applicable amounts per hour Zone Pay shall commence from Maryland Parkway and Charleston Boulevard and shall be paid as follows:

| | | |
|--------|----------------|--------|
| Zone 1 | 0 to 40 miles | \$0.00 |
| Zone 2 | 40 to 60 miles | \$2.50 |
| Zone 3 | over 60 miles | \$4.25 |

RECOGNIZED HOLIDAYS

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

ADD PREMIUM PAY

All overtime, except Sundays and holidays, will be time and one-half (1 1/2). Sundays and holidays will be paid double time (2X). Any and all work performed in excess of the regular workday of eight (8) hours, or ten (10) hours if mutually agreed to, and the regular workweek of forty (40) hours shall be considered overtime and shall be paid for at one and one-half (1 1/2) times the regular hourly rate.

JOB DESCRIPTION: Excerpt from Agreement between DC 16 and the independent Drywall Contractors of Northern Nevada

SECTION 1 -- The scope of work covered by this Agreement shall include (but not be limited to) all work operations, including distribution to the point of application, as follows:

- (a) Work or services pertaining to the preparation, spotting, pointing, detailing, flushing, sanding and finishing of interior and/or exterior gypsum, drywall, thin wall, concrete, steel, wood and plaster surfaces, spackling of all surfaces where adhesive materials are used; and all drywall pointing, taping and finishing.
- (b) Work or services pertaining to the application of all finish or flushing materials regardless of method of application or type of surface on which materials are applied, including but not limited to texture and simulated acoustic materials of all types and the application of radiant heat fill and steel fireproofing materials.
- (c) Work or services pertaining to the installation of protective coverings and masking prior to the application of finish materials.
- (d) The operation and care of all taping tools and texturing equipment used in the finishing and texturing of drywall and other surfaces including brushes, rollers, spray texturing equipment, miscellaneous hand, mechanical, and power tools, and the operation and maintenance of compressors required in the finishing and texturing of such surfaces.
- (e) No limitation shall be placed on the work covered by this Agreement by reason of the surface, type of material or purpose for which the materials used are designed or intended.
- (f) The cleanup of all materials and debris occasioned by any job operation at the site of construction, alteration, or repair undertaken whether such operation occurs on the interior or exterior of a building structure.

Craft: TILE SETTER/TERRAZZO WORKER/MARBLE MASON FINISHER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---|-------|
| Tile Setter/Terrazzo Worker/Marble Mason- Finisher..... | 37.82 |
| Tile Setter/Terrazzo Worker/Marble Mason- Finisher Foreman..... | 39.07 |
| Tile Setter/Terrazzo Worker/Marble Mason Finisher- General Foremen..... | 40.82 |

ADD PREMIUM PAY

All work in excess of forty (40) hours during the established work week shall be paid at the rate of one and one-half (1-1/2) times the hourly base wage rate in effect.

Employees shall be paid one and one-half (1-1/2) times the hourly wage rate for all hours worked over eight (8) in a single day and double time after ten (10) hours in a single day, Monday through Friday, except recognized holidays.

Daily Overtime Saturdays the first ten (10) hours performed on Saturday shall be paid at one and one-half (1-1/2) times the straight time wage rate.

Daily Overtime Sunday- Employees shall be paid double time on Sundays if forty (40) straight time hours have been worked during the proceeding work week.

Holidays shall be paid double time for hours owed on recognized holidays.

RECOGNIZED HOLIDAYS

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day. Any holiday falling on a Sunday will be observed on Monday.

JOB DESCRIPTION: Excerpt from Agreement between BAC 13 Nevada of the Mountain West Administrative District Council Master Labor Agreement

FINISHER'S WORK:

Finisher's work shall consist of assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments. required to complete the proper installation of the work covered by Sections 5, 7 and 8 of this Code.

Craft: TILE SETTER/TERRAZZO WORKER/MARBLE MASON (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|--|-------|
| Tile Setter Journeyman..... | 47.87 |
| Tile Setter Foreman..... | 49.12 |
| Tile Setter General Foreman..... | 50.87 |
| | |
| Terrazzo/Marble Mason-Journeyman | 49.37 |
| Terrazzo/Marble Mason-Foreman | 50.62 |
| Terrazzo/Marble Mason-General Foreman..... | 52.37 |

ADD ZONE RATE

In addition to TILE SETTER/TERRAZZO WORKER/MARBLE MASON rates add the applicable amounts per hour, calculated based on a road miles of over fifty (50) miles from the Washoe County Courthouse in Reno, Nevada:

| | | |
|--------|----------------|--------|
| Zone 1 | 0 to 50 miles | \$0.00 |
| Zone 2 | 50 to 75 miles | \$3.75 |
| Zone 3 | Over 70 miles | \$8.13 |

ADD PREMIUM PAY

All work in excess of forty (40) hours during the established work week shall be paid at the rate of one and one-half (1-1/2) times the hourly base wage rate in effect.

Employees shall be paid one and one-half (1-1/2) times the hourly wage rate for all hours worked over eight (8) in a single day and double time after ten (10) hours in a single day, Monday through Friday, except recognized holidays.

Daily Overtime Saturdays the first ten (10) hours performed on Saturday shall be paid at one and one-half (1-1/2) times the straight time wage rate.

Daily Overtime Sunday- Employees shall be paid double time on Sundays if forty (40) straight time hours have been worked during the proceeding work week.

Holidays shall be paid double time for hours owed on recognized holidays.

RECOGNIZED HOLIDAYS

New Year’s Day, President’s Day, Memorial Day, Independence Day, Labor Day, Veteran’s Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day. Any holiday falling on a Sunday will be observed on Monday.

JOB DESCRIPTION: Excerpt from Agreement between BAC 13 Nevada of the Mountain West Administrative District Council Master Labor Agreement

TILE LAYERS’ WORK:

Tile laying shall consist of, but not be limited to, the following work procedures and installation of the following materials:

A. The laying, cutting or setting of all tile where used for floors, walls, ceilings, walks, promenade roofs, stair treads, stair risers, facings, hearths, fireplaces, and decorative inserts, together with any marble plinths, thresholds or window stools used in connection with any tile work; also, preparing and setting all concrete, cement, brickwork, or other foundation or materials that may be required to properly set and complete such work; setting or bedding all tiling, stone, marble, composition, glass, mosaic, or other materials forming the facing, hearth or fireplace of a mantel, or the mantel complete, together with setting of all cement, brickwork, or other materials required in connection with the above work; also the slabbing and fabrication of tile mantels, counters and tile panels of every description, and the erection and installation of same; the building, shaping, forming, construction or repairing of all fireplace work, whether in connection with a mantel hearth facing or not, and the setting and preparing of all material, such as cement, plaster, mortar, brickwork, iron work or other materials necessary for the proper and safe construction and completion of such work, except that a mantel made exclusively of brick, marble or stone, shall be conceded to be bricklayers', marble setters' or stonemasons' work, respectively.

B. It will be understood that the word "tile" refers to all burned clay products, as used in the tile industry, either glazed or unglazed, and to all composition materials made in single units up to 15"x20"x2", except quarry tiles larger than 9"x9"x1 1/4", also to mixtures in tile form of cement, plastics and metals that are made for and intended for use as a finished floor surface, whether upon interior or exterior floors, stair treads, promenade roofs, garden walks, interior walls, ceilings, swimming pools, and all places where tile may be used to form a finished surface for practical use, sanitary finish or decorative purposes, for setting all accessories in connection therewith, or for decorative inserts in other materials.

C. All terra cotta called unit tile in sizes of 6"x12" or under, regardless of method of installation, quarry tile 9"x9"x1 1/4" or less; split brick or quarry tile or similar material where the bed is floated or screeded and the joints grouted. Where the work is installed by tile layers, the grouting and cleaning shall be supervised by the mechanic. The bedding, jointing, and pointing of the above materials shall be the work of the craft installing the same. All clay products known as terra cotta tile, unit tile, ceramic veneer and machine-made terra cotta, and like materials in sizes 6"x12" and less regardless of the method of installation. Where the preponderance of materials to be installed comes within the provisions of this Section and when there is also some material in excess of the sizes provided for in this Section, the tile setter shall install all such materials.

D. The preparation, setup, calibration, operation, cleaning, and routine maintenance of any mechanical devices or robotics used to install tile and related materials, or that otherwise assist the tile layer in performing any of the work described in Article II and Code 1 of the IU Constitution, as well as the preparation and ongoing maintenance of the work area to allow proper installation of tile and related materials.

Craft: TRAFFIC BARRIER ERECTOR (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Traffic Barrier Erector.....45.53

ADD ZONE RATE

In addition to LABORER rates add the applicable amounts per hour, calculated based on a road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|--------|--------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$4.00 |
| Zone 3 | 150 to 300 miles | \$5.00 |
| Zone 4 | 300 miles and over | \$6.00 |

ADD PREMIUM PAY

One and one half (1 ½) the regular straight time hourly rate shall be paid:

1. For all hours worked over eight (8) hours in one day or shift.
2. For any hours worked on Saturday from midnight to midnight.

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over twelve (12) hours in one day or shift.
2. For any hours worked on Sunday from midnight to midnight.
3. For any hours worked on holidays from midnight to midnight.

RECOGNIZED HOLIDAYS

If any of these holidays fall on Sunday, the Monday following shall be considered a Holiday.

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

JOB DESCRIPTION: Excerpt from Agreement between AGC and LIUNA Local 169

1. Distributing traffic control signs and markers along site in designated pattern;
2. Informing drivers of detour routes through construction sites;

Craft: Truck Driver (Non-Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Dump Trucks (Single or Multiple Units Including Semi's & Double Transfer Units), Dumpcretes and Bulk Cement Spreader

| | |
|--|-------|
| Under 4 yds. (water level)..... | 28.72 |
| 4 yds. & under 8 yds. (water level)..... | 28.72 |
| 8 yds. & under 18 yds. (water level)..... | 28.72 |
| 18 yds. & under 25 yds. (water level) | 28.72 |
| 25 yds. & under 60 yds. (water level)..... | 28.72 |
| 60 yds. & under 75 yds. (water level))..... | 28.72 |
| 75 yds. & under 100 yds. (water level))..... | 28.72 |
| 100 yds. & under 150 yds. (water level))..... | 28.72 |
| 150 yds. & under 250 yds. (water level))..... | 28.72 |
| 250 yds. & under 350 yds. (water level))..... | 28.72 |
| 350 yds. & over (water level)..... | 28.72 |

Transit Mix

| | |
|-------------------------------------|-------|
| Under 8 yds..... | 28.72 |
| Under 8 yds & including 12 yds..... | 28.72 |
| Over 12 yds..... | 28.72 |

Transit Mix (Using Boom)

| | |
|--|-------|
| Transit mix with boom shall receive 16 cents per hour above the appropriate yardage classification rate of pay when such boom is used..... | 28.72 |
|--|-------|

Water & Jetting Trucks

| | |
|--|-------|
| Up to 2,500 gallons..... | 28.72 |
| Up to 2,500 gallons & over..... | 28.72 |
| DW 20's & 21's & other similar Cat type, Terry Cobra LeTourneau pulls, Tournerocker, Euclid, & similar type equipment when pulling Aqua/Pak, Water Tank Trailers, & Fuel, and/or Grease Tank Trailer, or other miscellaneous Trailers, (except as defined under "Dump Trucks") | |
| Heavy Duty Transport (High Bed)..... | 28.72 |
| Heavy Duty Transport(Gooseneck low bed)..... | 28.72 |
| Tiltbed or Flatbed Pull Trailers.. .. | 28.72 |
| Bootman, Comb. Bootman & Road Oiler..... | 28.72 |
| Flat Rack (2 or 3 axle unit)..... | 28.72 |

Bus & Manhaul Drivers

| | |
|--------------------------------------|-------|
| Up to 18,000 lbs. (single unit)..... | 28.72 |
| 18,000 lbs. and over | 28.72 |
| Warehousemen Spotter | 28.72 |

Winch Truck & "A" Frame Drivers

| | |
|--|-------|
| Up to 18,000 lbs. | 28.72 |
| 18,000 lbs. and over..... | 28.72 |
| Warehousemen Spotter..... | 28.72 |
| Warehouse Clerk..... | 28.72 |
| Tire Repairmen..... | 28.72 |
| Truck Repairmen..... | 28.72 |
| Pick Up Truck & Pilot Cars (Jobsite) | 28.72 |
| Pick Up Truck & Pilot Cars (Over the road) | 28.72 |
| Truck Oil Greaser..... | 28.72 |
| Fuel Truck Driver..... | 28.72 |
| Fuel Man & Fuel Island Man..... | 28.72 |
| Oil Tanker..... | 28.72 |

| | |
|--------------------------|-------|
| Oil Tanker with Pup..... | 28.72 |
| Foreman..... | 28.72 |

TRUCK DRIVER

Includes but is not limited to:

Driving a tractor trailer combination or a truck to transport goods or materials at the site of a public work or between sites of a public work. (Also, see descriptions listed with Truck Driver rates, if any.)

Craft: WELL DRILLER (Non-Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Well Driller.....31.29

JOB DESCRIPTIONS

1. Setting, operating or tending to portable drilling rig machinery and related equipment to drill wells;
2. Extending stabilizing jackscrews to support and level a drilling rig;
3. Installing water well pumps;
4. Drillings wells for industrial water supplies, irrigation water supplies or water supplies for any other purpose; dewatering or other similar purposes; exploration; hole drilling for geologic and hydrologic information; and core drilling for geologic information.

GROUP CLASSIFICATIONS

LABORER, includes but is not limited to:

Group 1

- All cleanup work of debris, grounds, and building including windows and tile
- Dumpmen or Spotter (other than asphalt)
- Handling and Servicing of Flares, Watchmen
- General Laborer
- Guideposts and Highway Signs
- Guardrail Erection and Dismantling
- Limber, Brushloader and Piler
- Pavement Marking and Highway Striping
- Traffic Barrier Erector
- Tending to portable space heaters
- Profilograph work all types manual, self propelled or carts
- Gabion basket, building, handling, installation and rigging
- Dry set paver work
- Traffic Barrier Erector

Group 2

- Choker setter or Rigger (clearing work only) Pittsburgh
- Chipper and similar type brush shredders
- Concrete worker (wet or dry) all concrete work not listed in Group 3 included but not limited to: concrete forms stripping, handling, cleaning, oiling and moving to the next point of installation.
- Crusher or Grizzly Tender
- Greasing Dowels
- Guinea Chaser (Stakemen)
- Panel Forms (wood or metal) handling, cleaning and stripping of Loading and unloading, (Carrying and handling of all rods and material for use in reinforcing concrete
- Railroad Trackmen (maintenance, repair or builders)
- Sloper
- Semi-Skilled Wrecker (salvaging of building materials other than those listed in Group 3)
- Waterproofing work
- Epoxy rebar/dowels and anchoring dowel baskets
- Placement pouring of concrete including any epoxy resin or similar materials, rodding, spreading and tamping concrete, brooming or brushing, hand application of curing compounds, applying topping (wet or dry) colors or grits, and exposed finishes for architectural work
- Concrete patching, dry packing, chipping, stoning, and grouting
- Concrete cold weather/rain protection and curing
- Placement /anchoring of all earth stabilization/filters fabrics,
- Mechanically stabilized Earth (MSE) and Keystone type retaining walls rigging, placing , aligning, backfilling and installation of dead men and any stabilization compenents

Group 3

- Asphalt Workers (Ironers, Shovelers, Cutting Machine)
- Buggymobile

- Chainsaw, Faller, Logloader and Bucker
- Compactor (all types)
- Concrete Mixer under 1/2 yard
- Concrete Pan Work (Breadpan type), handling, cleaning\stripping
- Concrete Saw, Chipping, Grinding, Sanding, Vibrator
- Cribbing, Shoring, Lagging, Trench Jacking, Hand-Guided Lagging Hammer
- Curbing or Divider machine
- Curb Setter (precast or cut)
- Ditching Machine (hand-guided)
- Drillers Helper, Chuck Tender
- Fence erector including safety, chain link, turtle, field and barbe wire fencing
- Form Raiser, Slip Forms
- Grouting of Concrete Walls, Windows and Door Jams
- Headerboardmen
- Jackhammer, Pavement Breaker, Air Spade
- Mastic Worker (wet or dry)
- Pipewrapper, Kettlemen, Potmen, and men applying asphalt, creosote and similar type materials
- All Power Tools (air, gas, or electric), Post Driver
- Riprap-Stonepaver and RockSlinger, including placing of sack concrete wet or dry Rototiller
- Rigging and Signaling in connection with Laborers' work
- Sandblaster, Potmen, Gunmen or Nozzlemen water blasting not covered in group 5A
- Vibra-screed
- All demolition and wrecking work including but not limited t any torch work cutting, burning, plasma are, dust control, and salvaging (removing and salvaging of all materials, windows, doors, plumbing, and electrical fixtures) and use of customary tools and equipment for demolition and wrecking
- All underpinning foundation work, digging and underpinning pits, removal of debris with tuggers or other methods, cutting, handling and installing all shoring boards and lagging boards used for underpinning and foundation work, placement and tying of steel reinforcing for underpinning piers, all tiebacks and soil nail work drilling and grouting, all soldier beam work and us of customary tools and equipment for underpinning foundation work

Group 3A

- Concrete Specialist
- Setting screeds
- Screed pins
- Curb forms and curb and gutter forms,
- Using Darby and push floats,
- Hand trowels or hand floating
- Marking edging
- Using base cove or step tools
- Spreading and finishing gypsum
- Concrete grinding machines (the terms does not include Rotomill machines for highway overlay grinding)
- Troweling machines,
- Floating machines
- Finishing of epoxy or resin materials,
- Operation of skill saw

- Laser Screed
- Laser Level
- Curb and Slipform machines,
- Stamps or other means or texturing,
- Any new devices which are beneficial to the construction of or with concrete or related products.

Group 4

- Burning and Welding in connection with Laborers' work
- Joy Drill Model TWM-2A, Gardner Denver Model DN143 and similar type drills (in accordance with Memorandum of Understanding between Laborers and Operating Engineers dated at Miami, Florida, Feb. 3, 1954) and Track Drillers, Diamond Core Drillers, Wagon Drillers, Mechanical Drillers on Multiple Units
- High scalers including but not limited to laying, anchoring, pinning, cabling and stretching of any rock fall netting, mesh or wire fabric and use of customary tools and equipment for high scaling
- Concrete pump operator
- Heavy Duty Vibrator with Stinger 5" diameter or over
- Pipelayer, Caulker and Bander
- Pipelayer-waterline, Sewerline, Gasoline, Conduit and all other types of composition for any purpose buried under ground outside of building including, stringing, trench shoring, backfilling sanding, caution taping, all walk behind equipment and spotting
- Laborer work in connection with micro tunneling, directional drilling and pipe-jacking
- Cathodic protection, grounding for pipe work
- Cleaning of Utility Lines
- Slip Lining of Utility Lines (including operation of Equipment)
- TV Monitoring and Grouting of Utility Lines
- Asphalt Rakers and Asphalt dump Man
- All mechanical and pressurized pipe work, including the installation of pipe above and below ground, cathodic protection, bolt up, and support installation in connection to water conveyance, c

Group 4A

- Foreman

Group 5

- Construction Specialists
- Blasters and Powdermen, all work of loading, placing, and blasting of all powder and explosives of any type, regardless of method used for such loading and placing
Asbestos removal
- Lead abatement
- Hazardous waste
- Material removal

Group 5A

- Pavement Marking and Highway Striping
- Pavement Marking and Highway Striping Foreman
- Pavement Marking and Highway Striping work includes but is not limited to: All work by any method performed in connection with the permanent or temporary application and installation of pavement marking of any kind, brand, type or style on parking lots, airfields, highways,

streets and other such surfaces and all work performed in connection with removal of pavement.

Group 6

- Guniting Foremen, Nozzlemen, Rodmen, Gunmen, Materialmen, Reboundmen
 - Tunnel and shaft workers/miners and use of customary tools and equipment for tunnel and mine work All work performed in a compressed air tunnel shaft or chamber including the use of hand, power tools or equipment as necessary in connection with compressed air work
-

OPERATING ENGINEER, includes but is not limited to:

Group 1

- Engineer Assistant

Group 1A

- Oiler (Construction)
- Partsman

Group 2

- Compressor Operator
- Material Loader and/or Conveyor Operator (handling building materials)
- Pump Operator

Group 3

- Bobcat or similar loader, 1/4 cu. yd. or less
- Concrete Curing Machines (streets, highways, airports, canals)
- Conveyor Belt Operator (tunnel)
- Forklift (under 20)
- Engineer Generating Plant (500 K.W.)
- Mixer Box Operator (concrete plant)
- Motorman
- Rodman/Chainman
- Rotomist Operator
- Oiler (truck crane)

Group 4

- Concrete Mixer Operator, Skip type
- Dinky Operator
- Forklift (20' or over) or Lumber Stacker
- Ross Carrier
- Skip Loader Operator (under one (1) cu. yd.)
- Tie Spacer

Group 5

- Concrete Mixers (over one (1) cu. yd.)
- Concrete Pumps or Pumpcrete Guns
- Elevator and Material Hoist (one (1) drum)
- Groundman for Asphalt Milling and similar

Group 6

- Auger type drilling equipment up to and including 30 ft. depth digging capacity M.R.C.
- Boom Truck or Dual-Purpose a-Frame Truck
- B.L.H. Lima Road Pactor or similar
- Chip Box Spreader (Flaherty type or similar)
- Concrete Batch Plant (wet or dry)
- Concrete Saws (highways, streets, airports, canals)
- Locomotives (over thirty (30) tons)
- Maginnis International Full Slab Vibrator (airports, highways, canals and warehouses)
- Mechanical Finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types)

- Mechanical Burn, Curb and/or Curb and Gutter Machine (concrete or asphalt)
- Pavement Breaker, Truck Mounted, with compressor combination
- Pavement Breaker or Tamper (with or without compressor combination)
- Power Jumbo Operator (setting slip-forms, etc., in tunnels)
- Roller Operator (except asphalt)
- Self-Propelled Tape Machine
- Self-Propelled Compactor (single engine)
- Self-Propelled Power Sweeper Operator
- Slip-Form Pump (power-driven by hydraulic, electric, air, gas, etc. lifting device for concrete forms)
- Small Rubber-Tired Tractors
- Snooper Crane, Paxton-Mitchell or similar
- Stationary Pipe Wrapping, Cleaning and Bending Machine Operator

Group 7

- Auger type drilling equipment over 30 ft. depth digging capacity M.R.C.
- Compressor (over 2)
- Concrete Conveyor or Concrete Pump, truck or equipment mounted (any assistance required shall be performed by an Assistant to Engineer) Boom length to apply Concrete Conveyor, Building Site
- Drilling and Boring Machine, vertical and horizontal (not to apply to waterliners, wagon drills or jack hammers)
- Crusher Plant Engineer
- Generators
- Instrument Man
- Kolman Loader
- Material Hoist (two (2) or more drums)
- Mine or Shaft Hoist
- Pipe Bending Machines (pipeline only)
- Pipe Cleaning Machines (tractor-propelled and supported)
- Pipe Wrapping Machines (tractor-propelled and supported)
- Portable Crushing and Screening Plants
- Post Driller And/or Driver
- Pumps (over 2)
- Screedman (except asphaltic or concrete paving)
- Self-Propelled Boom-Type Lifting Device (center mount) (on ten (10) ton capacity or less)
- Slusher Operator
- Soil Tester (Certified)
- Soils and Materials Tester
- Surface Heater and Planer Operator
- Trenching Machine (maximum digging capacity three (3) ft. depth) (Any assistance in the operation, if needed, shall be performed by an Assistant to Engineer)
- Truck-Type Loader
- Welding Machines (gasoline or diesel)

Group 8

- Articulated on-Site Dump Trucks
- Asphalt Plant Engineer
- Asphalt Milling Machine

- Cast-In-Place Pipe-Laying Machine
- Combination Slusher and Motor Operator
- Concrete Batch Plant (multiple units)
- Dozer Operator
- Drill Doctor
- Elevating Grader Operator
- Stiff Frame Off Road Haul Trucks
- Grooving and Grinding Machine (highways)
- Ken Seal Operator
- Marination Plant
- Loader (up to and including two and one-half (2 1/2) cu. yds)
- Mechanical Finishers or Spreader Machine (asphalt, Barber-Greene or similar)
- Shuttle Buggy
- Mechanical Trench Shield
- Mixermobile
- Push Cats
- Road Oil Mixing Machine Operator Wood-Mixer (and other similar Pugmill equipment)
- Roller Operator (asphalt)
- Rubber-Tired Earthmoving Equipment (up to and including thirty-five (35) cu. yds. "struck " M.R.C., Euclids, T-Pulls, DW10, 20, 21 and similar)
- Water Pull
- Screedman (Barber-Greene and similar) (asphaltic or concrete paving)
- Self-Propelled Compactors with Dozer; Hyster 450, Cat 825 or similar
- Sheepfoot
- Small Tractor (with boom)
- Soil Stabilizer (P & H or equal)
- Timber Skidder (rubber-tired) or similar equipment
- Track Loader
- Tractor-Drawn Scraper
- Tractor Operator
- Tractor-Mounted Compressor Drill Combination
- Trenching Machine Operator (over three (3) feet depth)
- Tri-Batch Paver
- Tunnel Badger or Tunnel Boring Machine Operator
- Tunnel Mole Boring Machine
- Vermeer T-600b Rock Cutter
- Vacuum Truck(excludes trailer mounted vaccums)

Group 9

- Chicago Boom
- Combination Backhoe and Loader (up to and including 3/8 cu. yd.)
- Combination Mixer and Compressor (gunite)
- Heavy Duty Repairman and/or Welder
- Lull Hi-Lift (twenty (20) feet or over)
- Mucking Machine
- Sub-Grader (Gurries or other types)
- Tractor (with Boom) (D6 or larger)
- Track-Laying-Type Earthmoving Machine (single engine with tandem scrapers)

Group 10

- Boom-Type Backfilling Machine
- Bridge Crane
- Cary-Lift or similar
- Chemical Grouting Machine
- Chief of Party
- Derricks (two (2) Group 10 Operators required when swing engine remote from hoist)
- Derrick Barges (except excavation work)
- Euclid Loader and similar types
- Heavy Duty Repairman
- Heavy Duty Rotary Drill Rigs
- Lift-Slab (Vagtborg and similar types)
- Loader (over two and one-half (2 1/2 cu. yds. up to and including four (4) cu. yds.)
- Locomotive (over one hundred (100) tons, single or multiple units)
- Multiple-Engine Earthmoving Machines (Euclid Dozers, etc.)
- Pre-Stress Wire Wrapping Machine
- Rubber-Tired Scraper, Self-Loading
- Single-Engine Scraper (over thirty-five (35) cu. yds.)
- Shuttle Car (Reclaim Station)
- Train Loading Station
- Trenching Machine multi-engine with sloping attachments (Jefco or similar)
- Vacuum Cooling Plant
- Whirley Crane (up to and including twenty-five (25) tons)

Group 10A

- Backhoe-Hydraulic (up to and including one (1) cu. yd.)
- Backhoe (up to and including one (1) cu. yd.) (Cable)
- CMI Dual Lane Auto-Grader SP30 or similar type
- Cranes (not over twenty-five (25) tons) (hammerhead and gantry)
- Finish Blade
- Gradalls (up to and including one (1) cu. yd.)
- Motor Patrol Operator
- Power Shovels, Clamshells, Draglines, Cranes (up to and including one (1) cu. yd.)
- Rubber-Tired Scraper, Self-Loading (twin engine)
- Self-Propelled Boom-Type Lifting Device, center mount (over 10 tons up to and including 25 tons)

Group 11

- Automatic Asphalt or Concrete Slip-Form Paver
- Automatic Railroad Car Dumper
- Canal Trimmer
- Cary Lift, Campbell or similar type
- Cranes (over twenty-five (25) tons)
- Euclid Loader when controlled from the Pullcat
- Finish Blade
- Gradesetter, Grade Checker
- Highline Cableway Operator
- Loader (over four (4) cu. yds. up to and including twelve (12) cu. yds.)

- Multi-Engine Earthmoving Equipment (up to and including seventy-five (75) cu. yds. struck m.r.c.)
- Multi-Engine Scrapers (when used to Push Pull)
- Power Shovels, Clamshells, Draglines, Backhoes Gradalls (over one (1) cu. yd. and up to and including seven (7) cu. yds. m.r.c.)
- Self-Propelled Boom-Type Lifting Device (center mount) (over 25 tons m.r.c.)
- Self-Propelled Compactor (with multiple-propulsion power units)
- Single-Engine Rubber-Tired Earthmoving Machine, with Tandem Scraper
- Slip-Form Paver (concrete or asphalt)
- Tandem Cats and Scraper
- Tower Crane Mobile (including Rail Mount)
- Truck Mounted Hydraulic Crane when remote control equipped (over 10 tons up to and including 25 tons)
- Universal Liebherr and Tower Cranes (and similar types)
- Wheel Excavator (up to and including seven hundred fifty (750) cu. yds. per hour)
- Whirley Cranes (over twenty-five (25) tons)

Group 11A

- Band Wagons (in conjunction with Wheel Excavators)
- Operator of Helicopter (when used in construction work)
- Loader (over twelve (12) cu. yds.)
- Multi-Engine Earthmoving Equipment (over seventy-five (75) cu. yds. "struck" m.r.c.)
- Power Shovels, Clamshells, Draglines, Backhoes, and Gradalls (over seven (7) cu. yds. m.r.c.)
- Remote-Controlled Earth Moving Equipment
- Wheel Excavator (over seven hundred fifty (750) cu. yds. per hour)

Group 11B

- Holland Loader or similar or Loader (over 18 cu. yds.)

OPERATING ENGINEERS - Steel Fabricator & Erector

Group 1

- Cranes over 100 tons
- Derrick over 100 tons
- Self-Propelled Boom Type Lifting Devices over 100 tons

Group 2

- Cranes over 45 tons up to and including 100 tons
- Derrick, 100 tons and under
- Self-Propelled Boom Type Lifting Device, over 45 tons
- Tower Crane

Group 3

- Cranes, 45 tons and under
- Self-Propelled Boom Type Lifting Device, 45 tons and under

Group 4

- Chicago Boom
- Forklift, 10 tons and over

- Heavy Duty Repairman/Welder

Group 5

- Boom Cat
-

OPERATING ENGINEER -PILEDRIVER

Group 1

- Derrick Barge Pedestal mounted over 100 tons
- Clamshells over 7 cu. yds.
- Self-Propelled Boom Type Lifting Device, over 100 tons
- Truck Crane or Crawler, land or barge mounted over 100 tons

Group 2

- Derrick Barge Pedestal mounted 45 tons up to and including 100 tons
- Clamshells up to and including 7 cu. yds.
- Self-Propelled Boom Type Lifting Device over 45 tons
- Truck Crane or Crawler, land or barge mounted, over 45 tons up to and including 100 tons

Group 3

- Derrick Barge Pedestal mounted under 45 tons
- Self-Propelled Boom Type Lifting Device 45 tons and under
- Skid/Scow Piledriver, any tonnage
- Truck Crane or Crawler, land or barge mounted 45 tons and under

Group 4

- Assistant Operator in lieu of Assistant to Engineer
- Forklift, 10 tons and over
- Heavy Duty Repairman/Welder

Group 5

No current classification

Group 6

- Deck Engineer

Group 7

No current classification

Group 8

- Deckhand
 - Fireman
-

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2022-2023 Prevailing Wage

Amendment 2

- **AMENDMENT 2 – CLERICAL**
- **Classifications:**
 - Lubrication and Service Engineer
 - Operating Engineers
 - Operating Engineers – Steel Fabricator & Erector
 - Operating Engineers – Piledriver
- **County – Washoe County Region and Northern Nevada Rural Region**
- **Effective – October 1, 2022**

The following represents the amended wage rates.

Craft: LUBRICATION AND SERVICE ENGINEER (MOBILE AND GREASE RACK)
(Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Lubrication and Service Engineer (mobile and grease rack)68.43

Add Operating Engineers Zone Pay

Add Premium Pay

2022-2023 Prevailing Wage

Amendment 2

Craft: OPERATING ENGINEER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Operating Engineers

(SEE GROUP CLASSIFICATIONS)

| | |
|----------------|-------|
| Group 1..... | 63.41 |
| Group 1A..... | 66.17 |
| Group 2..... | 66.70 |
| Group 3..... | 66.97 |
| Group 4..... | 67.71 |
| Group 5..... | 68.01 |
| Group 6..... | 68.18 |
| Group 7..... | 68.43 |
| Group 8..... | 69.02 |
| Group 9..... | 69.34 |
| Group 10..... | 69.69 |
| Group 10A..... | 69.88 |
| Group 11..... | 70.12 |
| Group 11A..... | 71.76 |
| Group 11B..... | 72.57 |
| Foreman..... | 71.76 |

Add \$12.5% to base rate for "Special" Shift

Add Operating Engineers Zone Pay

Add Premium Pay

2022-2023 Prevailing Wage

Amendment 2

Craft: OPERATING ENGINEER (Union Rate)
STEEL FABRICATOR & ERECTOR

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|--|-------|
| Operating Engineers (SEE GROUP CLASSIFICATIONS) | |
| Group 1..... | 78.17 |
| Group 1 Truck Crane Oiler..... | 72.54 |
| Group 1 Oiler..... | 70.58 |
| Group 2..... | 77.20 |
| Group 2 Truck Crane Oiler..... | 72.29 |
| Group 2 Oiler..... | 70.37 |
| Group 3..... | 75.96 |
| Group 3 Truck Crane Oiler..... | 72.07 |
| Group 3 Oiler | 70.15 |
| Group 3 Hydraulic..... | 71.74 |
| Group 4..... | 74.23 |
| Group 5..... | 73.13 |
| Add \$12.5% to base rate for "Special" Shift..... | |

2022-2023 Prevailing Wage

Amendment 2

Craft: OPERATING ENGINEER (Union Rate)
PILEDRIVER

Prevailing wage rates include the base rate as well as all applicable fringes

Operating Engineers
(SEE GROUP CLASSIFICATIONS)

| | |
|---|-------|
| Group 1..... | 78.18 |
| Group 1 Truck Crane Oiler..... | 72.72 |
| Group 1 Oiler..... | 70.80 |
| Group 2..... | 76.64 |
| Goup 2 Truck Crane Oiler..... | 72.51 |
| Group 2 Oiler..... | 70.60 |
| Group 3..... | 75.19 |
| Group 3 Truck Crane Oiler..... | 72.29 |
| Group 3 Oiler..... | 70.37 |
| Group 4..... | 73.68 |
| Group 5..... | 72.57 |
| Group 6..... | 69.29 |
| Group 7..... | 70.50 |
| Group 8..... | 69.54 |
| Add \$12.5% to base rate for "Special" Shift..... | |

ADD ZONE RATE

In addition to: **OPERATING ENGINEER, STEEL FABRICATOR & ERECTOR, and OPERATING ENGINEER PILEDRIVER**, rates add the applicable amounts per hour calculated based on a road miles from the Carson City Courthouse or Washoe County Courthouse

| | | |
|--------|------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$5.00 |
| Zone 3 | 150 to 300 miles | \$6.00 |
| Zone 4 | 300 miles over | \$7.00 |

ADD PREMIUM PAY

1. One and one-half (1-1/2) times the applicable straight-time rate for the day, shift, work, equipment and classification shall be paid for all work (including repair work and field survey work) performed on Saturday and before a shift begins and after it ends, except when operating equipment

servicing a craft that is receiving double time on commercial building construction, in which case double time shall be paid.

2. Overtime. The following rates shall apply on Sundays and holidays and all work before a shift begins and after it ends:

RECOGNIZED HOLIDAYS

Holidays. Double the applicable straight-time rate shall be paid for all work (including repair, maintenance and field survey work) performed on Sundays and the following holidays: New Year's Day (January 1); Memorial Day (last Monday in May); Independence Day (July 4); Labor Day (1st Monday in September); Nevada Admission Day (last Friday in October); Thanksgiving Day (4th Thursday in November); the day after Thanksgiving Day; and Christmas Day (December 25). Holidays falling on Sunday shall be observed on the following Monday. Holiday hours shall be reckoned on the same basis as Sunday hours.

Saturday Shift Period. On any shift, Saturday shall be the twenty-four-hour period commencing at 12:00 midnight Friday.

Sunday Shift Period. On any shift, Sunday shall be the twenty-four-hour period commencing at 12:00 midnight Saturday.

3. For hours worked in excess of 12) on any such workday, an Employee shall be paid two (2) times the regular straight-time rate of pay for each hour so worked.

JOB DESCRIPTION, includes but is not limited to:

Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement.

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2022-2023 Prevailing Wage

Amendment 2A

- **AMENDMENT 2A – CLERICAL**
- **Classification – Operating Engineer – Steel Fabricator & Erector Group 1**
- **County – Washoe County Region and Northern Nevada Rural Region**
- **Effective – October 1, 2022**

The following represents the amended wage rates.

Craft: OPERATING ENGINEER (Union Rate) STEEL FABRICATOR & ERECTOR

Group 1.....78.71

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2022-2023 Prevailing Wage

Amendment 3

- **AMENDMENT 3**
- **Classifications:**

Laborer Group 3A Wage Rate

Zone Rates for Washoe County and Northern Nevada Rural Regions

- **County – Washoe County Region and Northern Nevada Rural Region**
- **Effective – October 10, 2022**

The following represents the amended wage rate.

Craft: LABORER (Union Rate)

Group 3A.....49.21

ADD ZONE RATE

In addition to LABORER rates add the applicable amounts per hour, calculated based on a road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$5.00 |
| Zone 3 | 150 to 300 miles | \$6.00 |
| Zone 4 | 300 miles or over | \$7.00 |

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2022-2023 Prevailing Wage

Amendment 3A

- **AMENDMENT 3A**
- **Classifications –**
 - Fence Erector Group 3A Zone Rate**
 - Flag Person Group 3A Zone Rate**
 - Highway Striper Group 3A Zone Rate**
 - Traffic Barrier Erector Group 3A Zone Rate**
- **County – Washoe County Region and Northern Nevada Rural Region**
- **Effective – October 10, 2022**

ADD ZONE RATE

In addition to FENCE ERECTOR, FLAG PERSON, HIGHWAY STRIPER, TRAFFIC BARRIER ERECTOR rates, add the applicable amounts per hour, calculated based on road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$5.00 |
| Zone 3 | 150 to 300 miles | \$6.00 |
| Zone 4 | 300 miles or over | \$7.00 |

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2022-2023 Prevailing Wage

Amendment 5

- **AMENDMENT 5**
- **Classifications – Plasterer**
- **County – Washoe County Region and Northern Nevada Rural Region**
- **Effective – December 8, 2022**

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---------------------------|-------|
| Plasterer-Journeyman..... | 50.82 |
| Plasterer-Foreman..... | 54.32 |

ADD ZONE RATE

In addition to PLASTERER rates add the applicable amounts per hour, calculated from the South Virginia and Mill Street, Reno, Nevada:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 70 miles | \$0.00 |
| Zone 2 | 70 miles and over | \$8.00 |

ADD PREMIUM PAY

OVERTIME Eight (8) consecutive hours (exclusive of a meal period) shall constitute a day's work at straight time. Five (5) consecutive days of eight (8) consecutive hours (exclusive of a meal period), Monday through Friday, shall constitute a week's work. One and one half (1 ½) the regular straight time hourly rate shall be paid for all work over eight (8) hours. Sunday will be paid at double the regular straight time rate.

RECOGNIZED HOLIDAYS

All work performed on the following holidays shall be paid for at double the regular straight time rate: New Year's Day, Memorial Day, Fourth of July, Labor Day, Admissions Day, Thanksgiving Day and the Friday after Thanksgiving and also Christmas Day. If any of the above holidays fall on Sunday, the Monday following shall be considered a holiday.

No work shall be permitted on the Fourth of July or Labor Day, regardless of compensation or donation, except in case of emergency or to protect life and property. Permission to work shall be granted by the representative of the Union or its officer.

JOB DESCRIPTION: Excerpt from Agreement No NV. Plasterers Master Labor Agreement

This includes but is not limited to:

1. All building construction, including but not limited to the construction, erection, alteration, repair, modification, demolition, addition, or improvement in whole or in part of any building structures,
2. All interior or exterior plastering construction, restoration, repair and inspection of cement, stucco, stone imitation or any patent material when ornamental molded plaster, and the setting of same. All specialty finishes such as veneer, venetian, marmoreno and grasello. All custom and specialty finishes, including but not limited to custom rock, carved plaster, brick and block veneer, stone and wood. Smooth and finish surfaces of full system E.I.F.S. including sticking and shaping of foam pieces or surfaces by adhesive or mechanical installation. All spray or troweled on fireproofing, including cementitious and intumescent products. All plaster acoustical finish systems including, but not limited to, BASWA Phon and Fellert.
3. All work processes which represent technological change, replacement, modification or substitution for the work described above. In addition, all work and use of new materials or *2020-2024 Reno Plasterers Master Labor Agreement* 4 techniques involved in plaster construction including but not limited to what is known as green or sustainable construction technology.

STEVE SISOLAK
Governor

TERRY REYNOLDS
Director

BRETT HARRIS
Labor Commissioner

STATE OF NEVADA



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2022-2023 Prevailing Wage

Amendment 8

- **AMENDMENT 8**
- **Classifications – Ironworkers Wage**
- **County – All Regions**
- **Effective – January 1, 2023**

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---------------------------------|-------|
| Ironworker-Journeyman..... | 81.01 |
| Ironworker -Foreman..... | 85.63 |
| Ironworker-General Foreman..... | 90.71 |

ADD ZONE RATE

In addition to Iron Worker rates add the applicable amounts per day, calculated based on a road mile from the Reno or Las Vegas City Hall.

| | | |
|--------|--------------------|---------|
| Zone 1 | 60 – 75 miles | \$20.00 |
| Zone 2 | 75 - 100 miles | \$25.00 |
| Zone 3 | 100 miles and over | \$75.00 |

ADD PREMIUM PAY

One and one half (1X) the regular straight time hourly rate shall be paid:

1. For the first two (2) hours worked in excess of eight (8) on a regular workday
Monday-Friday
2. For the first eight (8) hours on Saturday

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over ten (10) hours in one day or shift.
2. For any hours worked on Sunday.
3. For all hours worked over eight (8) on Saturday
4. For all hours worked on Holidays

Shift Pay

1. 2nd shift add 6% of hourly wage
2. 3rd shift add 13% of hourly wage
3. Dedicated shift add 6% of hourly wage

RECOGNIZED HOLIDAYS

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

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2022-2023 Prevailing Wage

Amendment 2

- **AMENDMENT 2 – CLERICAL**
- **Classifications:**
 - Lubrication and Service Engineer**
 - Operating Engineers**
 - Operating Engineers – Steel Fabricator & Erector**
 - Operating Engineers – Piledriver**
- **County – Washoe County Region and Northern Nevada Rural Region**
- **Effective – October 1, 2022**

The following represents the amended wage rates.

Craft: LUBRICATION AND SERVICE ENGINEER (MOBILE AND GREASE RACK)
(Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Lubrication and Service Engineer (mobile and grease rack)68.43

Add Operating Engineers Zone Pay

Add Premium Pay

2022-2023 Prevailing Wage

Amendment 2

Craft: OPERATING ENGINEER (Union Rate)

Prevailing wage rates include the base rate as well as all applicable fringes

Operating Engineers

(SEE GROUP CLASSIFICATIONS)

| | |
|----------------|-------|
| Group 1..... | 63.41 |
| Group 1A..... | 66.17 |
| Group 2..... | 66.70 |
| Group 3..... | 66.97 |
| Group 4..... | 67.71 |
| Group 5..... | 68.01 |
| Group 6..... | 68.18 |
| Group 7..... | 68.43 |
| Group 8..... | 69.02 |
| Group 9..... | 69.34 |
| Group 10..... | 69.69 |
| Group 10A..... | 69.88 |
| Group 11..... | 70.12 |
| Group 11A..... | 71.76 |
| Group 11B..... | 72.57 |
| Foreman..... | 71.76 |

Add \$12.5% to base rate for "Special" Shift

Add Operating Engineers Zone Pay

Add Premium Pay

2022-2023 Prevailing Wage

Amendment 2

Craft: OPERATING ENGINEER (Union Rate)
STEEL FABRICATOR & ERECTOR

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|--|-------|
| Operating Engineers (SEE GROUP CLASSIFICATIONS) | |
| Group 1..... | 78.17 |
| Group 1 Truck Crane Oiler..... | 72.54 |
| Group 1 Oiler..... | 70.58 |
| Group 2..... | 77.20 |
| Group 2 Truck Crane Oiler..... | 72.29 |
| Group 2 Oiler..... | 70.37 |
| Group 3..... | 75.96 |
| Group 3 Truck Crane Oiler..... | 72.07 |
| Group 3 Oiler | 70.15 |
| Group 3 Hydraulic..... | 71.74 |
| Group 4..... | 74.23 |
| Group 5..... | 73.13 |
| Add \$12.5% to base rate for "Special" Shift..... | |

2022-2023 Prevailing Wage

Amendment 2

Craft: OPERATING ENGINEER (Union Rate)
PILEDRIVER

Prevailing wage rates include the base rate as well as all applicable fringes

Operating Engineers
(SEE GROUP CLASSIFICATIONS)

| | |
|---|-------|
| Group 1..... | 78.18 |
| Group 1 Truck Crane Oiler..... | 72.72 |
| Group 1 Oiler..... | 70.80 |
| Group 2..... | 76.64 |
| Goup 2 Truck Crane Oiler..... | 72.51 |
| Group 2 Oiler..... | 70.60 |
| Group 3..... | 75.19 |
| Group 3 Truck Crane Oiler..... | 72.29 |
| Group 3 Oiler..... | 70.37 |
| Group 4..... | 73.68 |
| Group 5..... | 72.57 |
| Group 6..... | 69.29 |
| Group 7..... | 70.50 |
| Group 8..... | 69.54 |
| Add \$12.5% to base rate for "Special" Shift..... | |

ADD ZONE RATE

In addition to: **OPERATING ENGINEER, STEEL FABRICATOR & ERECTOR, and OPERATING ENGINEER PILEDRIVER**, rates add the applicable amounts per hour calculated based on a road miles from the Carson City Courthouse or Washoe County Courthouse

| | | |
|--------|------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$5.00 |
| Zone 3 | 150 to 300 miles | \$6.00 |
| Zone 4 | 300 miles over | \$7.00 |

ADD PREMIUM PAY

1. One and one-half (1-1/2) times the applicable straight-time rate for the day, shift, work, equipment and classification shall be paid for all work (including repair work and field survey work) performed on Saturday and before a shift begins and after it ends, except when operating equipment

servicing a craft that is receiving double time on commercial building construction, in which case double time shall be paid.

2. Overtime. The following rates shall apply on Sundays and holidays and all work before a shift begins and after it ends:

RECOGNIZED HOLIDAYS

Holidays. Double the applicable straight-time rate shall be paid for all work (including repair, maintenance and field survey work) performed on Sundays and the following holidays: New Year's Day (January 1); Memorial Day (last Monday in May); Independence Day (July 4); Labor Day (1st Monday in September); Nevada Admission Day (last Friday in October); Thanksgiving Day (4th Thursday in November); the day after Thanksgiving Day; and Christmas Day (December 25). Holidays falling on Sunday shall be observed on the following Monday. Holiday hours shall be reckoned on the same basis as Sunday hours.

Saturday Shift Period. On any shift, Saturday shall be the twenty-four-hour period commencing at 12:00 midnight Friday.

Sunday Shift Period. On any shift, Sunday shall be the twenty-four-hour period commencing at 12:00 midnight Saturday.

3. For hours worked in excess of 12) on any such workday, an Employee shall be paid two (2) times the regular straight-time rate of pay for each hour so worked.

JOB DESCRIPTION, includes but is not limited to:

Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement.

STEVE SISOLAK
Governor

TERRY REYNOLDS
Director

BRETT HARRIS
Labor Commissioner

STATE OF NEVADA



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2022-2023 Prevailing Wage

Amendment 2A

- **AMENDMENT 2A – CLERICAL**
- **Classification – Operating Engineer – Steel Fabricator & Erector Group 1**
- **County – Washoe County Region and Northern Nevada Rural Region**
- **Effective – October 1, 2022**

The following represents the amended wage rates.

Craft: OPERATING ENGINEER (Union Rate) STEEL FABRICATOR & ERECTOR

Group 1.....78.71

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2022-2023 Prevailing Wage

Amendment 3

- **AMENDMENT 3**
- **Classifications:**

Laborer Group 3A Wage Rate

Zone Rates for Washoe County and Northern Nevada Rural Regions

- **County – Washoe County Region and Northern Nevada Rural Region**
- **Effective – October 10, 2022**

The following represents the amended wage rate.

Craft: LABORER (Union Rate)

Group 3A.....49.21

ADD ZONE RATE

In addition to LABORER rates add the applicable amounts per hour, calculated based on a road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$5.00 |
| Zone 3 | 150 to 300 miles | \$6.00 |
| Zone 4 | 300 miles or over | \$7.00 |

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2022-2023 Prevailing Wage

Amendment 3A

- **AMENDMENT 3A**
- **Classifications –**
 - Fence Erector Group 3A Zone Rate**
 - Flag Person Group 3A Zone Rate**
 - Highway Striper Group 3A Zone Rate**
 - Traffic Barrier Erector Group 3A Zone Rate**
- **County – Washoe County Region and Northern Nevada Rural Region**
- **Effective – October 10, 2022**

ADD ZONE RATE

In addition to FENCE ERECTOR, FLAG PERSON, HIGHWAY STRIPER, TRAFFIC BARRIER ERECTOR rates, add the applicable amounts per hour, calculated based on road miles from either the Carson City Courthouse or the Washoe County Courthouse:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 75 miles | \$0.00 |
| Zone 2 | 75 to 150 miles | \$5.00 |
| Zone 3 | 150 to 300 miles | \$6.00 |
| Zone 4 | 300 miles or over | \$7.00 |

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2022-2023 Prevailing Wage

Amendment 5

- **AMENDMENT 5**
- **Classifications – Plasterer**
- **County – Washoe County Region and Northern Nevada Rural Region**
- **Effective – December 8, 2022**

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---------------------------|-------|
| Plasterer-Journeyman..... | 50.82 |
| Plasterer-Foreman..... | 54.32 |

ADD ZONE RATE

In addition to PLASTERER rates add the applicable amounts per hour, calculated from the South Virginia and Mill Street, Reno, Nevada:

| | | |
|--------|-------------------|--------|
| Zone 1 | 0 to 70 miles | \$0.00 |
| Zone 2 | 70 miles and over | \$8.00 |

ADD PREMIUM PAY

OVERTIME Eight (8) consecutive hours (exclusive of a meal period) shall constitute a day's work at straight time. Five (5) consecutive days of eight (8) consecutive hours (exclusive of a meal period), Monday through Friday, shall constitute a week's work. One and one half (1 ½) the regular straight time hourly rate shall be paid for all work over eight (8) hours. Sunday will be paid at double the regular straight time rate.

RECOGNIZED HOLIDAYS

All work performed on the following holidays shall be paid for at double the regular straight time rate: New Year's Day, Memorial Day, Fourth of July, Labor Day, Admissions Day, Thanksgiving Day and the Friday after Thanksgiving and also Christmas Day. If any of the above holidays fall on Sunday, the Monday following shall be considered a holiday.

No work shall be permitted on the Fourth of July or Labor Day, regardless of compensation or donation, except in case of emergency or to protect life and property. Permission to work shall be granted by the representative of the Union or its officer.

JOB DESCRIPTION: Excerpt from Agreement No NV. Plasterers Master Labor Agreement

This includes but is not limited to:

1. All building construction, including but not limited to the construction, erection, alteration, repair, modification, demolition, addition, or improvement in whole or in part of any building structures,
2. All interior or exterior plastering construction, restoration, repair and inspection of cement, stucco, stone imitation or any patent material when ornamental molded plaster, and the setting of same. All specialty finishes such as veneer, venetian, marmoreno and grasello. All custom and specialty finishes, including but not limited to custom rock, carved plaster, brick and block veneer, stone and wood. Smooth and finish surfaces of full system E.I.F.S. including sticking and shaping of foam pieces or surfaces by adhesive or mechanical installation. All spray or troweled on fireproofing, including cementitious and intumescent products. All plaster acoustical finish systems including, but not limited to, BASWA Phon and Fellert.
3. All work processes which represent technological change, replacement, modification or substitution for the work described above. In addition, all work and use of new materials or *2020-2024 Reno Plasterers Master Labor Agreement* 4 techniques involved in plaster construction including but not limited to what is known as green or sustainable construction technology.

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2022-2023 Prevailing Wage

Amendment 8

- **AMENDMENT 8**
- **Classifications – Ironworkers Wage**
- **County – All Regions**
- **Effective – January 1, 2023**

Prevailing wage rates include the base rate as well as all applicable fringes

| | |
|---------------------------------|-------|
| Ironworker-Journeyman..... | 81.01 |
| Ironworker -Foreman..... | 85.63 |
| Ironworker-General Foreman..... | 90.71 |

ADD ZONE RATE

In addition to Iron Worker rates add the applicable amounts per day, calculated based on a road mile from the Reno or Las Vegas City Hall.

| | | |
|--------|--------------------|---------|
| Zone 1 | 60 – 75 miles | \$20.00 |
| Zone 2 | 75 - 100 miles | \$25.00 |
| Zone 3 | 100 miles and over | \$75.00 |

ADD PREMIUM PAY

One and one half (1X) the regular straight time hourly rate shall be paid:

1. For the first two (2) hours worked in excess of eight (8) on a regular workday
Monday-Friday
2. For the first eight (8) hours on Saturday

Double the regular straight time hourly rate shall be paid for all time:

1. For all hours worked over ten (10) hours in one day or shift.
2. For any hours worked on Sunday.
3. For all hours worked over eight (8) on Saturday
4. For all hours worked on Holidays

Shift Pay

1. 2nd shift add 6% of hourly wage
2. 3rd shift add 13% of hourly wage
3. Dedicated shift add 6% of hourly wage

RECOGNIZED HOLIDAYS

New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving Day, Christmas Day.

Project Workforce Checklist

Contract No.: _____ Project Name: _____

Contractor/Subcontractor: _____

| Craft/Trade | More than 3 Employees Anticipated? | | | Anticipate Needing Waiver? | |
|--|------------------------------------|-----------------------------|------------------------------|------------------------------|-----------------------------|
| Air Balance Technician | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Alarm Installer | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Bricklayer , can also include tile setter, terrazzo workers and marble masons. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Carpenter , can also include cement masons, floor coverer, millwright and piledriver (non-equipment), plasterers and terrazzo workers. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Cement Mason (See Laborers) | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Electrician , includes communication technician, line, neon sign and wireman. Can also include alarm installer. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Elevator Constructor | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Floor Coverer | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Glazier (see also Painters and Allied Trades) | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Hod Carrier (See Laborers) , includes brick-mason tender and plaster tender. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Iron Worker , can also include fence erectors (steel/iron) | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Laborer , can also include brick mason tender, cement mason, fence erector (non-steel/iron), flag person, highway stripier, landscaper, plastic tender, and traffic barrier erector | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Lubrication and Service Engineer | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Mechanical Insulator | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Millwright | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Operating Engineer , can also include equipment greaser, piledriver, soils and material tester, steel fabricator/erector (equipment) and surveyor (non-licensed) and well driller. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Painters and Allied Trades , can also include glaziers, floor coverers, and tapers. | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Pile Driver (non-equipment) | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Plasterer | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Plumber/Pipefitter | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

| | | | | | |
|--|------------|-----------|------------|------------|-----------|
| Refrigeration | Yes | No | N/A | Yes | No |
| Roofer (not sheet metal) | Yes | No | N/A | Yes | No |
| Sheet Metal Worker , can also include air balance technician. | Yes | No | N/A | Yes | No |
| Soils and Materials Tester , includes certified soil tester | Yes | No | N/A | Yes | No |
| Sprinkler Fitter | Yes | No | N/A | Yes | No |
| Surveyor (non-licensed) | Yes | No | N/A | Yes | No |
| Taper | Yes | No | N/A | Yes | No |
| Tile/Terrazzo Worker/Marble Mason | Yes | No | N/A | Yes | No |
| Traffic Barrier Erector (See Laborers) | Yes | No | N/A | Yes | No |
| Truck Driver | Yes | No | N/A | Yes | No |
| Well Driller (see also Operating Engineer) | Yes | No | N/A | Yes | No |
| Other*: | Yes | No | N/A | Yes | No |
| | Yes | No | N/A | Yes | No |
| | Yes | No | N/A | Yes | No |
| | Yes | No | N/A | Yes | No |

I affirm I am fully authorized to acknowledge, on behalf of the Contractor listed above, the anticipated workforce, and acknowledge that changes to the anticipated workforce which may have an impact on compliance with the Nevada Apprenticeship Utilization Act, 2019 will require the submittal of a revised form within ten (10) working days of such change.

Signed: _____

Name and Title: _____

Date: _____

Contractor Name: _____

APPRENTICESHIP UTILIZATION ACT – SENATE BILL 207 (2019)

The Legislature hereby finds and declares that: 1. A skilled workforce in construction is essential to the economic well-being of this State; 2. Apprenticeship programs are a proven method of training a skilled workforce in construction; and 3. Requiring the use of apprentices on the construction of public works will ensure the availability of a skilled workforce in construction in the future for this State.

Sec. 1.7. 1. Notwithstanding any other provision of this chapter and except as otherwise provided in this section, a contractor or subcontractor engaged in vertical construction who employs a worker on a public work pursuant to NRS 338.040 shall use one or more apprentices for at least 10 percent of the total hours of labor worked for each apprenticed craft or type of work to be performed on the public work for which more than three workers are employed.

2. Notwithstanding any other provision of this chapter and except as otherwise provided in this section, a contractor or subcontractor engaged in horizontal construction who employs a worker on a public work pursuant to NRS 338.040 shall use one or more apprentices for at least 3 percent of the total hours of labor worked for each apprenticed craft or type of work to be performed on the public work for which more than three workers are employed.

Horizontal Construction NRS 338.010 - Subdivision 13. “Horizontal Construction” means the construction of any fixed work, including any irrigation, drainage, water supply, flood control, harbor, railroad, highway, tunnel, airport or airway, sewer, sewage disposal plant or water treatment facility and any ancillary vertical components thereof, bridge, inland waterway, pipeline for the transmission of petroleum or any other liquid or gaseous substance, pier, and work incidental thereto. The term does not include vertical construction, the construction of any terminal or other building of an airport or airway, or the construction of any other building.

Vertical Construction NRS 338.010 - Subdivision 24. “Vertical Construction” means the construction or remodeling of any building, structure or other improvement that is predominantly vertical, including, without limitation, a building, structure or improvement for the support, shelter and enclosure of persons, animals, chattels or movable property of any kind, and any improvement appurtenant thereto.

Complex or Hazardous Work - The Labor Commissioner will view complex and hazardous work to include, but not be limited to, work performed on a public work project that is traditionally not performed by Apprentices pursuant to their Apprentice Agreement, Collective Bargaining Agreement, and/or any other written justification demonstrating that the work to be performed should not be performed by Apprentices.

A Public Body/Awarding Body, upon the request of a contractor or subcontractor, **MAY** submit a request for a modification or waiver of the percentage of hours of labor of one or more apprentices prior to (1) the bid advertisement; (2) the bid opening; or (3) the award of the contract if, “Good Cause” exists. The Labor Commissioner may also grant a waiver from the requirements of SB 207 after work on the public work has commenced.

Sample Forms and information on SB 207 can be found at:

http://labor.nv.gov/Apprenticeship_Utilization_Act/Apprenticeship_Utilization_Act/

Additional information on Public Works Projects and Prevailing Wages by region can be found at www.labor.nv.gov or by following the links below.

http://labor.nv.gov/PrevailingWage/Public_Works_Prevailing_Wages/

<http://labor.nv.gov/uploadedFiles/labornvgov/content/home/features/PWP%20Handbook%20June%202019.pdf>

GUIDELINES FOR AWARDING BODIES AND CONTRACTORS/SUBCONTRACTORS

1. Senate Bill 207 applies to Public Works Projects (NRS 338.010 – Subdivision 23) over \$100,000. (Exemptions may apply – See NRS sections 338.011 and 338.090.)
2. For each Public Works Project (PWP) Bid Advertisement, Bid Opening, and Contract, the Public Body/Awarding Body should include the requirements of Senate Bill 207. The Public Body/Awarding Body should also determine if the PWP requires the performance of uniquely complex or hazardous work.
3. Contractors/Subcontractors should determine if they can meet the Apprenticeship % requirements set forth in SB 207 or need to request Apprentices from a Registered Apprenticeship Program. Contractors/Subcontractors can request Apprentices using the Apprenticeship Request Form or request Apprentices in writing from a Registered Apprenticeship Program. (*Written documentation will be required by the Labor Commissioner if a Request for Waiver is submitted.*)
4. If the Apprenticeship Request is approved and Apprentices are dispatched, an Apprenticeship Agreement may need to be executed between the Registered Apprenticeship Program and the Contractor/Subcontractor.
5. Apprenticeship Issues - Issues and/or complaints regarding the qualifications and/or work of an Apprentice that is dispatched should be directed to the Registered Apprenticeship Program or the State of Nevada Apprenticeship Council. Please follow link <http://owinn.nv.gov/Apprenticeship/AboutSAC/>.
6. A Request for Waiver **MAY** be submitted by the **PUBLIC BODY/AWARDING BODY** to the Office of the Labor Commissioner if: (1) No Registered Apprenticeship Programs exist in the jurisdiction for the craft/type of work required for the PWP; (2) A request for Apprentices was denied or not acted upon within 5 business days; or (3) The PWP requires the performance of uniquely complex or hazardous work.
7. **ONLY THE PUBLIC BODY/AWARDING BODY CAN SUBMIT A REQUEST FOR WAIVER. REQUESTS FOR WAIVERS SHOULD BE SUBMITTED AS SOON AS POSSIBLE.**
8. Within 15 days of receipt of the Request for Waiver, the Office of the Labor Commissioner will issue a Decision/Determination granting or denying the Request for Waiver on the form that was submitted.
9. The Public Body/Awarding Body, Contractor, or Subcontractor can appeal the Decision/Determination within 10 days of issuance.
10. The Public Body/Awarding Body shall monitor the PWP consistent with the laws and regulations set forth in Nevada Revised Statutes (NRS) section 338 and Nevada Administrative Code (NAC) section 338. If a Waiver has not been granted the Public Body/Awarding Body shall ensure that certified payroll reports and any other required documentation are submitted and maintained demonstrating compliance with SB 207.

For additional information please contact us at:

Office of the Labor Commissioner
1818 College Parkway, Suite 102
Carson City, NV 89706 775-684-1890

AUA@labor.nv.gov

Office of the Labor Commissioner
3300 W. Sahara Avenue, Suite 225
Las Vegas, NV 89102 702-486-2650

AUA@labor.nv.gov

TOLL FREE: 1-800-992-0900 Ext. 4850 - www.labor.nv.gov

ADDITIONAL CONDITIONS TECHNICAL SPECIFICATIONS

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ADDITIONAL CONDITIONS

AC1 SUMMARY OF WORK

The Work to be done under these Specifications shall include the installation of all Contractor furnished materials and equipment necessary for, or incidental, to the transportation and delivery and installation of the proposed Work on the Plans and as specified herein for construction.

The work shall also include all incidental, accessory, and/or supplemental work necessary for a complete and usable system.

AC2 LOCATION OF PROJECT

This work shall be constructed at the Incline Village Mountain Golf Course, located at **690 Wilson Way, Incline Village, NV 89451**.

AC3 STANDARD SPECIFICATIONS

By reference the "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (Orange Book) as adopted by Washoe County, City of Sparks, City of Reno, Carson City and Douglas County are included in these Contract Documents as if included in part or whole.

AC4 CONTRACT CORRELATION

In the event that the terms, provisions, conditions, specifications or requirements contained in one contract document should conflict with those contained in another contract document, then such conflict shall be resolved in accordance with the following order of precedence:

- A. Change Orders.
- B. Addenda.
- C. Special Provisions.
- D. The Plans.
- E. The General Provisions.
- F. The OWNER-CONTRACTOR Agreement.
- G. Standard Details for Public Works Construction, as adopted by Washoe County.

Specifications shall take precedence over notes on drawings. Large-scale drawings shall take precedence over smaller scale drawings.

SECTION 01012 – PRESERVATION, RESTORATION AND CLEANUP

PART 1 – GENERAL

1.1 PRE-WORK SITE INSPECTION

- A. Prior to any work commencing on site, including any setting up of equipment or staging areas, Contractor shall provide video documentation of the pre-construction condition of the project area.

1.2 ROADS AND STREETS

- A. At all times during the work, keep the premises clean and orderly, and upon completion of the work, repair all damage caused by equipment and leave the project free from all rubbish and excess material of any kind.
- B. Thoroughly clean all spilled dirt, gravel, or other material caused by the construction activities from all roads and streets at the end of each day.

— END SECTION 01012 —

Section 01026
UNIT PRICES

ARTICLE 1 - GENERAL

1.01 SCOPE

This section covers the measurement and payment schedules related to the project.

1.02 Bid Item Descriptions

The following bid items include full compensation for all labor, materials, and other services required to perform all work as described in the Contract Documents or that can reasonably be inferred as necessary or incidental to complete the Work. No bid item is necessarily delineated by a single section of the Technical Specifications, nor do these bid items delineate trades or limits of responsibility.

Bid Item No. 1: MOBILIZATION / DEMOBILIZATION

Mobilization / Demobilization shall be paid for at a lump sum price.

The contract lump sum price paid for Mobilization / Demobilization shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in Mobilization / Demobilization, complete in place, including obtaining bonds, insurance and financing, pre-work documentation, movement of equipment, materials and personnel, supervision, certificates, permits, submittals, utilities, site maintenance, winterization, seasonal demobilization and remobilization, cleanup, dust control, staging, providing and maintaining traffic control, and all other work incidental to the contract not specifically identified under the remaining items or costs incurred prior to the beginning of the work and after completion of the work as shown on the construction drawings, as specified herein, and as directed by the Engineer. The cost for this Mobilization / Demobilization shall not exceed five (5) percent of the total bid for this project without documented justification.

Bid Item No. 2: TEMPORARY EROSION CONTROL / TREE PROTECTION

Temporary Erosion Control / Tree Protection shall be paid for at a lump sum price.

The contract lump sum price paid for Temporary Erosion Control / Tree Protection shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals to install, maintain, and remove all required Temporary Erosion Control / Tree Protection, including drainage inlet protection, gravel bags, fiber rolls, erosion control fencing, tree protection, and any other temporary erosion control measures as may be required by the permits, or permitting agencies, as shown on the construction drawings, as specified herein, and as directed by the Engineer.

Bid Item No. 3: FULL DEPTH AC PAVEMENT AND BASE REMOVAL

Full Depth AC Pavement and Base Removal shall be paid by the square foot.

The contract square foot price paid for Full Depth AC Pavement and Base Removal shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in Full Depth AC Pavement and Base Removal, complete in place, including removal of the existing asphalt section, underlying aggregate base and/or subgrade to a depth required for installation of the proposed pavement section to not impede drainage, re-grading of subgrade material to provide the section as shown on the construction drawings, as specified herein, and as directed by the Engineer.

Bid Item No. 4: FULL DEPTH AC PAVEMENT AND BASE REPLACEMENT

Full Depth AC Pavement and Base Replacement shall be paid by the square foot.

The contract square foot price paid for Full Depth AC Pavement and Base Replacement shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in Full Depth AC Pavement and Base Replacement, complete in place, including subgrade preparation, aggregate base, asphaltic concrete, and compaction as shown on the construction drawings, as specified herein, and as directed by the Engineer.

Bid Item No. 5: AC CURB

AC Curb shall be paid for by the lineal footage.

The contract lineal foot price paid for AC Curb shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in AC Curb, complete in place, including the installation and compaction of base

material and new AC curb as shown on the construction drawings and per Orange Book standards as specified herein, and as directed by the Engineer.

Bid Item No. 6: CRACK SEALING

Crack Sealing shall be paid for by the lineal footage.

The contract lineal foot price paid for Crack Sealing shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in Crack Sealing, complete in place, including cleaning and preparation of cracks, and filling of cracks as shown on the construction drawings and per Orange Book standards as specified herein, and as directed by the Engineer.

Bid Item No. 7: SLURRY SEAL

Slurry Seal shall be measured for payment by the square foot of new asphalt paving. Slurry Seal to be paid for shall be that area within the minimum limits shown on the details of the construction drawings, plus or minus any changes required by the permit conditions or ordered by the Engineer. No additional payment will be made for Slurry Seal placed beyond said limits.

The contract price paid per square foot for Slurry Seal shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in Slurry Seal, complete in place, including surface preparation, asphalt emulsion, graded aggregate, spreading and sweeping as shown on the construction drawings, as specified herein, and as directed by the Engineer.

No additional payment will be made for pavement repair beyond limits incidental to the work and approved by the Engineer.

Bid Item No. 8: ROCK SLOPE PROTECTION

Rock Slope Protection shall be measured for payment by the square foot of new Rock Slope Protection to be paid for shall be that area within the minimum limits shown on the details of the construction drawings, plus or minus any changes required by the permit conditions or ordered by the Engineer. No additional payment will be made for Rock Slope Protection placed beyond said limits.

The contract price paid per square foot for Rock Slope Protection shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in Rock Slope Protection, complete in place, including surface preparation, clearing, compacting,

and placing rock as shown on the construction drawings and per Orange Book standards as specified herein, and as directed by the Engineer.

No additional payment will be made for pavement repair beyond limits incidental to the work and approved by the Engineer.

END OF SECTION 01026

SECTION 01060 – CODES, PERMITS, AND PREVENTION OF ENVIRONMENTAL POLLUTION

PART 1 – GENERAL

1.1 CITY, COUNTY, AND STATE LAWS

- A. The contractor shall comply with the requirements of all city, county, state and federal laws, whether or not stated herein, having specific control over this type of construction and operation.

1.2 FEDERAL, STATE AND LOCAL POLLUTION CONTROL REGULATIONS

- A. Meet all federal, state, and local pollution control regulations for all work performed under this contract. No lime, wet concrete, petroleum products, silt, organic material, or other deleterious materials are allowed to fall, flow, leach, or otherwise enter public waters.
- B. Observe all statutes, ordinances, and regulations pertaining to the prevention of environmental pollution and the preservation of public natural resources. All such statutes, ordinances, regulations, or portions thereof pertaining to work performed under this contract are hereby incorporated with and made a part of this contract.
- C. The Contractor shall be aware of these provisions and coordinate with the specific controlling agencies.
- D. The Contractor shall furnish all bonds and insurance required by the controlling agencies and shall, if requested, pay for any inspections and testing accomplished or furnished by them.

1.3 PERMITS

- A. The Owner will pay for the following permits:
 - 1. Washoe County Building Permit - Grading Application

These permits will be applied for by the Contractor. The Contractor shall be responsible for picking up permits from Owner or City.

- B. A copy of these permits, if available, can be reviewed by the Contractor at the Engineer's or Owner's office prior to the bid closing date. The Contractor shall be aware of the conditions of these permits, and shall comply with their conditions, and any other regulations of the above agencies for any other agencies having jurisdiction over this type of work.
- C. The Contractor shall obtain the following permits:

1. All permits required by regulatory agencies not identified above, if any, including but not limited to project SWPPP, Dust Control, etc.
- D. The Contractor shall furnish all bonds and insurance required by the controlling agencies, and shall, if requested, pay for any inspection and testing accomplished or furnished by them.
- E. All work performed within the jurisdiction of the controlling agencies, such as river banks and public waters, including restoration of surfaces, opening and closing of excavations and other work which could affect the hydraulics or fish life of the receiving waters, shall conform to the requirements and regulations of the various controlling agencies, and shall be subject to their approval. The Contractor shall coordinate all work with the controlling agencies.

1.4 STATE AND FEDERAL SAFETY REQUIREMENTS

- A. The Contractor shall include in the work all components and features required for both state and federal safety regulations. Such components and features shall include, but not be specifically limited to, any and all protective devices, guards, restraints, locks, latches, shoring, switches, and other safety provisions that may be required or necessitated by state and federal safety regulations. The Contractor shall determine the specific requirements for safety provisions and shall cause inspections and reports by the appropriate safety authorities to be conducted to insure compliance with the intent of the regulations.
- B. The Contractor shall perform all work in accordance with state and federal safety regulations. Any and all safety procedures and equipment shall be followed and utilized as may be required. All costs for components and features required to meet state and federal safety regulations shall be incidental to performance of the work.

— END SECTION 01060 —

SECTION 01150 – MEASUREMENT AND PAYMENT

PART 1 – APPLICATIONS FOR PAYMENT

1.1 SUMMARY

- A. General work included in this Section:
 - 1. Measurement and Payment.

1.2 GENERAL

- A. Submit Applications for Payment to Engineer in accordance with the schedule established by conditions of the Contract and Agreement between Owner and Contractor.
- B. Additional requirements specified elsewhere.
 - 1. Progress payments, retainages, and final payment: Conditions of the Contract and Agreement.
 - 2. Schedule of Values: Bid Form.

1.3 FORMAT AND DATA REQUIRED

- A. Submit applications per EJCDC form C-620 “Contractor’s Application for Payment.” Electronic copy of form to be provided by Engineer to Contractor for use in submitting payments associated with this Contract.
- B. Provide itemized data on continuation sheet.
 - 1. Format, schedules, line items, and values: Those of the Schedule of Values.

1.4 PREPARATION OF APPLICATION FOR EACH PROGRESS PAYMENT

- A. Application form:
 - 1. Fill in required information, including that for Change Orders executed prior to the date of submittal application.
 - 2. Fill in summary of dollar values to agree with the respective totals indicated on the continuation sheets.
 - 3. Execute certification with the signature of a responsible officer of the Contractor’s firm.
- B. Continuation Sheets:
 - 1. Fill in total list of all scheduled component items of work with item number and the scheduled dollar value for each item.
 - 2. Fill in the dollar value in each column for each scheduled line item when work has been performed or products stored.
 - a. Round off values to the nearest dollar.
- C. List each Change Order executed prior to the date of submission at the end of the continuation sheets.

1. List by Change Order number and description, as for an original component item of work.

1.5 SUBSTANTIATING DATA FOR PROGRESS PAYMENTS

- A. When Owner or Engineer requires substantiating data, Contractor shall submit suitable information, with a cover letter identifying:
 1. Project.
 2. Application number and date.
 3. Detailed list of enclosures.
 4. For stored products:
 - a. Item number and identification as shown on application.
 - b. Description of specific material.
- B. Submit one copy of data and cover letter for each copy of the application.

1.6 PREPARATION OF APPLICATION FOR FINAL PAYMENT

- A. Fill in application form as specified for progress payments.

1.7 SUBMITTAL PROCEDURE

- A. Submit Application for Payment to Engineer as described in General Conditions.
- B. Number: One original plus two copies of each application.
- C. When Engineer finds the application properly completed and correct, he will transmit a Certificate of Payment to the Owner.

— END SECTION 01150 —

SECTION 01300 - SUBMITTAL PROCEDURES

PART 1 – GENERAL

1.1 SUMMARY

- A. All equipment and materials shall be submitted to the Engineer for approval prior to purchase. The information that is required to be submitted shall include, but not be limited to, drawings, specifications, descriptive data, certificates and samples as required by the Engineer.
- B. Related Sections:
 - 1. General Conditions.
 - 2. Supplementary Conditions.

1.2 CONTRACTOR'S RESPONSIBILITY

- A. The Contractor shall be held responsible for the accuracy and completeness of each submittal. Prior to submitting any submittal for review, the Contractor shall review the submittal, indicate any deviations from the Contract Documents, cross out any information that does not directly relate to the item being submitted and sign the document certifying it has been reviewed by his Company.

1.3 TRANSMITTAL PROCEDURE

- A. The Contractor shall submit a minimum of four (4) copies of each submittal (unless additional copies are desired by the Contractor). In lieu of hard copies, the Contractor may submit electronic versions of all submittals and shop drawings for review. Electronic return of submittals will be the standard for all electronic version submittals. If no hard copies are submitted, no hard copies will be returned to the Contractor. The submittal will be reviewed for completeness and certified by the Engineer with one of the following.
 - 1. Reviewed
 - 2. Revise and Resubmit
 - 3. Rejected.
 - 4. Furnish as Corrected
- B. If the Engineer finds the submittal in substantial compliance with the specification, he will certify the submittal "Reviewed". In this event, the Contractor may begin to implement the work method or incorporate the material or equipment covered by the submittal.
- C. If the Engineer marks the submittal "Furnish as Corrected", the Contractor may begin implementing the work method or incorporating the material and equipment covered by the submittal with the noted corrections.
- D. If the Engineer finds the submittal is not within the requirements of the specifications, it will be marked "Rejected" or "Revise and Resubmit" and annotated as to why it was not approved. The Contractor must then revise his submittal to meet specifications and resubmit for approval.

- E. Only one hard copy of each submittal will be returned to the Contractor, unless submittals are made electronically. If the Contractor desires additional hard copies of reviewed submittals he shall provide them to the Engineer.
- F. Allow seven working (7) days for the Engineer's initial review of each submittal. Where processing must be delayed to permit coordination with subsequent submittals, allow additional time. The Engineer will advise the Contractor promptly when a submittal being processed must be delayed for any reason.

— END SECTION 01300 —

SECTION 01310 - CONSTRUCTION SCHEDULES

PART 1 – GENERAL

1.1 SUMMARY

- A. General work included in this Section:
 - 1. Construction schedules.

1.2 CONSTRUCTION SCHEDULES: GENERAL

- A. Prepare and submit to the Engineer estimated progress schedules for the Work, with sub-schedules of related activities that are essential to its progress.
- B. The Contractor shall submit revised progress schedules based upon revisions in the progress and/or scheduling of Work, or as required by the Engineer.
- C. Owner may require Contractor to add to his plant, equipment, or construction forces, as well as increase working hours if operations fall behind schedule at any time during the construction period.

1.3 FORM OF SCHEDULES

- A. Prepare schedules in the form of a horizontal bar chart:
 - 1. Provide separate horizontal bar for each trade or operation.
 - 2. Horizontal time scale: Identify the first workday of each week.
 - 3. Scale and spacing: To allow space for notations and future revisions.
 - 4. Minimum sheet size: 8.5" x 11".
- B. Format of listings:
 - 1. The chronological order of the start of each item of work.

1.4 CONTENT OF SCHEDULES

- A. Show on construction progress schedule:
 - 1. The complete sequence of construction by activity.
 - 2. The dates for the beginning and completion of each major element of construction.
 - 3. Show for submittal schedules for shop drawings and product data.
 - 4. The dates for Contractor's submittals.
 - 5. The dates that submittals will be required from Engineer.
- B. Product delivery schedules:
 - 1. Show the delivery dates for all major items of materials and equipment.

1.5 PROGRESS REVISIONS

- A. Indicate progress of each activity to date of submission.
- B. Show changes occurring since previous submission of schedule:
 - 1. Major changes in scope.
 - 2. Activities modified since previous submission.
 - 3. Revised projections of progress and completion.
 - 4. Other identifiable changes.
- C. Provide a narrative report as needed to define:
 - 1. Problem areas, anticipated delays, and the impact on the schedule.
 - 2. Corrective action recommended, and its effect.
 - 3. The effect upon the schedule of other activities.

1.6 SUBMISSIONS

- A. Submit initial schedules by the time of the preconstruction meeting.
- B. Submit revised progress schedules with each Application of Payment, or as required by the Engineer.
- C. The Contractor shall provide four copies of the schedule with each submittal (the option of electronic submittal of the schedule is also available).
- D. The Engineer shall review and comment on the submittal within seven days. If required, the Contractor shall resubmit within seven days after return of the review copy.

— END SECTION 01310 —

SECTION 01340 - SHOP DRAWINGS

PART 1 – GENERAL

1.1 SUMMARY

- A. General:
 - 1. This Section addresses submittal requirements for shop drawings, samples, and operation and maintenance materials.

1.2 SUBMITTALS: GENERAL

- A. Transmit all submittals to:

Incline Village General Improvement District
Public Works Department
Incline Village, NV 89451
Phone: 775.413.4525
Email: baw@ivgid.org
Attn: Bree Waters
- B. All submittals shall contain a cover sheet or cover letter clearly representing the purpose and the item(s) submitted.
- C. Submittal information defining equipment and materials shall be specific to the products proposed. Generalized product information that does not clearly define specific equipment or materials to be used will be rejected. Submittals shall contain the manufacturer’s recommendations for installation, where applicable or required.
- D. All shop drawings and material and equipment submittals shall contain an approval stamp from the Contractor.
 - 1. The stamp shall state that “[*Contractor name*] has examined and verified all field dimensions and measurements, field construction criteria, materials, and similar data, and that the Contractor has checked with the requirements of the Work and Contract Documents.”
 - 2. All transmittals shall be made by the Contractor. Transmittals received from subcontractors and suppliers will receive no action.
- E. The submittal of shop drawings and samples shall comply with Section 7.16 of the General Conditions.
- F. Each transmittal shall contain two copies of a transmittal cover sheet clearly indicating the following:
 - 1. The Project Name.
 - 2. The Owner.
 - 3. The Engineer.
 - 4. Date transmitted.
 - 5. The transmittal identification number for each item.

6. A description of each item.
 7. Action requested.
- G. The Contractor shall submit a sample of the proposed transmittal cover sheets to the Engineer for comment, prior to submittal proceedings.

1.3 SHOP DRAWINGS SUBMITTALS

- A. The requirements for shop drawing transmittals are as follows:
1. Cover sheets shall contain the information depicted in Section 1.2F.
 2. Each item transmitted shall be numbered consecutively beginning with "1".
 3. Resubmittals shall retain the original transmittal number, but be accompanied with a suffix letter starting with letter "A".
 4. Each transmittal cover sheet shall contain items within only one Specification Section or construction detail.
 5. Submit four copies of the submittal materials for the Engineer, plus the number of copies required by the Contractor – as an alternative submittals can be submitted through Newforma Project Management electronically. If done electronically the contractor is responsible for printing out their own copies.
 6. The first page of each item's submittal materials shall contain a 2" x 3" clear space for the Engineer's stamp.
 7. The Contractor's marks shall be on each copy of the transmittal.
 8. The contents of transmittals shall be coordinated and identified so that all items can be easily verified by the Engineer.
 9. Provide sufficient information together with technical cuts and technical data to allow an evaluation to be made to determine that the item is in compliance with the Contract Documents.
 10. Wherever possible, submit product data information on 8½" x 11" sheets.
 11. Indicate exact item or model, and all proposed items on product information sheets.
 12. Submittal information shall include legible scale details, sizes, dimensions, performance characteristics, capacities, test data, installation instructions, storage and handling instructions, color charts, layout drawings, parts catalogs, rough-in diagrams, wiring diagrams, controls, weights, and other pertinent data.
 13. If proposed products deviate from the specifications or drawings in any way, clearly note and justify the deviation, in detail, in a supplemental letter to the submittal. If an explanation is not provided, the shop drawing will be returned without action.

1.4 SAMPLE SUBMITTALS

- A. Identify the sample as to manufacturer, item, use, type, project designation, tag number, specification section or drawing detail, color, texture, finish, and other pertinent data.

- B. Include specific installation and application instructions.
- C. Provide the Contractor's stamp of approval on samples as an indication of his checking and verification of dimensions and coordination with interrelated work.

1.5 OPERATION AND MAINTENANCE MANUALS AND EQUIPMENT MAINTENANCE SUBMITTALS

- A. Operation and Maintenance Manuals are required for:
 - 1. Major equipment.
 - 2. Equipment with electric motors.
 - 3. Specialized equipment including control valves, instrumentation, control systems, meters, recorders, variable frequency drives, transmitters, etc.
- B. Transmittals for Operation and Maintenance Manuals shall be identified with consecutive numbers, starting with "1". The prefix OM shall be provided for the transmittal of O&M Manuals (i.e. "OM - #").
- C. Submit three (3) hard copies and one electronic copy of the Operation and Maintenance Manual.
- D. An acceptable O&M submittal will be retained by the Engineer. The transmittal cover sheet will be returned with a request for three additional copies.
- E. Deficient submittals will be returned along with the transmittal sheet. The deficient areas will be noted.
- F. O&M Manuals shall include, but are not necessarily limited to the following:
 - 1. Equipment function, normal operating characteristic, and limiting operations.
 - 2. Assembly, disassembly, installation, alignment, adjustment, and checking instructions.
 - 3. Operating instructions for start-up, routine and normal operations, regulation and control, shutdown, and emergency conditions.
 - 4. Lubrication and maintenance instructions.
 - 5. A guide to "troubleshooting".
 - 6. Parts list and predicted life of parts subject to wear.
 - 7. Outline, cross-section, and assembly drawings.
 - 8. Engineering data.
 - 9. Electrical diagrams, including elementary diagrams and interconnection diagrams.
 - 10. Test data and performance curves.
 - 11. A list of recommended spare parts.
 - 12. Copies of installation instructions, parts lists or other documents packed with equipment when it is delivered.
 - 13. Equipment record sheets recommended by the manufacturer.

PART 2 – EXECUTION

2.1 SUBMITTALS: APPROVAL OR REJECTION

- A. Submittals shall be reviewed for completeness and shall receive one of the following actions:
 - 1. “Reviewed”.
 - 2. “Revise and Resubmit”.
 - 3. “Rejected”.
 - 4. “Furnish as Corrected”
- B. If the Engineer finds the submittal in substantial compliance with the Contract Documents, he will stamp the item submittal as “Reviewed”. The Contractor may begin to implement the work method or incorporate the products for shop drawings and sample submittals that are stamped as “Approved”.
- C. If the Engineer marks the submittal as “Furnish As Corrected”, the Contractor may begin implementing the work method or incorporating the material and equipment covered by the submittal with the noted corrections.
- D. If the Engineer finds the submittal is not within the requirements of the Contract Documents, it will be marked “Revise and Resubmit” or “Rejected” and annotated as to why it was not approved. The Contractor shall revise the submittal to be in compliance with the Contract Documents as resubmit for approval.
 - 1. Resubmittal shall be identified with the original identification number and shall include a suffix in accordance with Section 1.3A.
- E. Transmittals that are not stamped by the Contractor in accordance with Section 1.2 D will not be reviewed and will be returned with no action.
- F. Transmittals that are “Reviewed” or “Furnish as Corrected” will be distributed to the Owner’s field personnel. If for any reason the Contractor resubmits an approved item, the Contractor shall assure that previously approved documents are superseded by the resubmittal.

Transmittals that are “Rejected” or “Revise and Resubmit” will not be distributed. One copy of the transmittal will be marked up and returned to the Contractor.

— END SECTION 01340 —

SECTION 01550 – CONSTRUCTION TRAFFIC CONTROL

PART 1 – GENERAL

1.1 DESCRIPTION OF WORK

- A. The work to be performed in accordance with this section includes providing flagging services and pilot vehicles, furnishing, controlling, maintaining, moving, and removing barricades, warning signs, lights, signals, and pavement markings as required to provide safe and efficient vehicular and pedestrian passage through the work zone.

This consists of all work related to traffic control, including but not limited to: 1) preparation and submittal of traffic control plans; 2) providing traffic control during the project for all operations within the project area; and, 3) notification of residents and businesses that will have limited access during the work.

1.2 QUALITY ASSURANCE

- A. Related Documents:
1. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION (MUTCD).
 2. Nevada Department of Transportation (NDOT) Standard Specifications for Road and Bridge Construction, latest edition.
 3. NDOT Signing and Marking Standard Drawings.
 4. NDOT Construction Standard Drawings.

1.3 SUBMITTALS

- A. Traffic control plan. A separate plan shall be submitted for each construction area.
The CONTRACTOR shall comply with the approved traffic control plan at all times. If an alternate traffic control plan is requested by the CONTRACTOR, the CONTRACTOR must prepare the necessary plans, submit to the necessary agency or agencies for approval, receive approval in writing, and provide ENGINEER with a copy of the approval before working in areas associated with the modified traffic control plan.
- B. Schedule. Provide complete traffic control plan schedule showing dates and times for traffic control changes that will be performed in conjunction with the work schedule.
- C. Responsible Employee(s). Provide the name(s) and after hours phone number(s) for the employee(s) responsible for implementation and maintenance of the traffic control plan to the OWNER and local law enforcement agency. The employee(s) shall be available at all times to make necessary changes and/or repairs to the traffic control facilities as required to maintain safe traffic control in and around construction areas.

PART 2 – MATERIALS

2.1 GENERAL

- A. All products, procedures and facilities shall be per MUTCD latest edition. All traffic control devices shall be high intensity.

2.2 SIGNS, BARRICADES, CHANNELIZING DEVICES AND LIGHTING DEVICES

- A. MUTCD, part VI. Lighted barricades shall be properly maintained.

2.3 FLAGMEN

- A. Competent, trained, and supplied with a combination STOP/SLOW sign, orange vest, and orange hard hat. Provide adjacent barricading devices where required. Flagmen shall be certified as required by State law and/or local codes and ordinances.

PART 3 – EXECUTION

3.1 GENERAL

- A. Provide adequate protection of all vehicular and pedestrian traffic and workmen through any and all portions of the construction zone where the construction operations interfere with, obstruct, or create a hazard to the normal movement of traffic.
 1. Where possible, two (2) lanes of traffic shall remain open at all times unless otherwise indicated.
 2. During Emergency situations, the OWNER may provide traffic control. The cost of any traffic control provided by the OWNER shall be borne by the CONTRACTOR.
 3. In the event that any employees of the OWNER are required to correct, repair, or modify any in-place traffic control by the CONTRACTOR, it shall be the responsibility of the CONTRACTOR to reimburse the OWNER for any incurred costs.
- B. The Contractor shall at all times during construction provide for public access by permitting traffic to pass through the construction area as specified herein. The Contractor shall refer to the appropriate sections of the Manual on Uniform Traffic Control Devices (MUTCD), the “Guidelines for Traffic Control in Work Zones”, and the State of Nevada Department of Transportation (NDOT) “Standard Specifications for Road and Bridge Construction” for traffic control provisions and the installation of all traffic control devices (The most restrictive specification shall govern).
 1. It is the intention of this section to set forth the basic provisions for traffic control in the work area and the Contractor shall note that nothing in these Conditions shall be construed as relieving the Contractor from its responsibility as provided in said NDOT Standard Specifications or as required by the NDOT Occupancy Permit, if needed.

2. In addition, the Contractor shall, within or adjacent to the limits of the work, supplement additional warning and directional signs if requested by the Engineer.
 3. The Contractor, at its own expense, shall furnish and maintain all lights, signs, barricades or other devices necessary for the protection of public traffic. The Contractor shall install standard traffic control devices in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) and the “Guidelines for Traffic Control in Work Zones”.
 4. In addition, the Contractor shall at all times during construction and non-construction hours be responsible for installation and maintenance of all traffic control devices necessary for the protection of public traffic, providing flaggers as necessary, scheduling and expediting the work to cause the least inconvenience to the public, and patrolling the work area as required to ensure that all devices are in place, clean and properly displayed at all times.
 5. Night flaggers shall wear reflectorized material and the flagger stations shall be illuminated so that the flaggers can be seen by the public traffic being controlled. Additionally, all traffic control devices shall be reflectorized.
 6. The Contractor’s vehicles shall be parked as far off the edge of the pavement as possible to insure the safe passage of public traffic.
 7. All costs associated with accommodating public traffic, furnishing flaggers, installing, maintaining and removing signs, barricades and other facilities for the safety and direction of public traffic through and around the Project site shall be considered as included in the prices paid for the various contract items and no additional compensation will be allowed.
 8. The Contractor shall erect and maintain temporary fences, bridges, railings, and barriers, and take all other necessary precautions and place proper guards for the prevention of accidents. The Contractor shall establish and maintain suitable and sufficient lights and other signals and shall indemnify and save harmless the Owner, Engineer, its officers, agents, and employees from all damages and costs to which they may be put by reason of injury to person or property resulting from the Contractor’s negligence or carelessness in the performance of the work or in guarding the same, or from any improper materials, implements, or appliances used in its *construction*, or by or on account of any act of omission of the Contractor or his agents. Contractor shall be responsible for providing portable sanitation facilities at the project site.
- C. Closures of streets in order to facilitate construction will be permitted, in some cases, provided that:
1. The Contractor submits and receives approval from the Engineer for his traffic control plan.
 2. The Contractor notifies the Owner in writing at least 10 days prior to the proposed closure of his intent to close the road.
 3. The road closure shall be permitted only during the hours of 8 AM – 5 PM.
 4. The detour sign shall be covered when the road closure is not in effect.
 5. The Contractor shall allow residents access to and from their driveways during road closures and shall minimize delays in accommodating the resident’s needs.

Technical Specifications
Section 01550-3

3.2 PUBLIC NOTIFICATION

A. Contractor shall notify the following agencies of any traffic delays or road closures 48 hours in advance of the work:

- | | |
|---|--------------|
| 1. Nevada Highway Patrol | 775 687-5300 |
| 2. Washoe County Sheriff | 775 328-3001 |
| 3. Washoe County School District | 775 348-0200 |
| 4. Truckee Meadows Fire Protection District | 775 326-6000 |

3.3 TRAFFIC CONTROL DEVICES

A. Place all necessary traffic control devices before any work is started. Move devices as necessary to keep up with the advancing operation. Place devices at the locations indicated on the traffic plan and in accordance with plan details and the MUTCD and as specified herein. Maintain devices; keep free from dirt, mud and roadway grime. Promptly replace all damaged devices.

3.4 FLAGMEN

A. Locate flagmen as indicated on the traffic control plan. Provide flagmen where traffic is required to stop and/or slow. Provide additional flagmen as required for site-specific traffic control conditions.

3.5 STOPPING TRAFFIC

A. Traffic shall not be stopped and held longer than absolutely necessary. Traffic shall not be stopped long enough to interrupt traffic at the nearest intersection or longer than 5 minutes unless otherwise approved by the OWNER.

3.6 ADJUSTMENT TO THE TRAFFIC CONTROL PLAN

A. At any time, the OWNER may request that adjustments be made to the traffic control plan layout or signage. The CONTRACTOR shall immediately make all adjustments and provide all signage required. No additional compensation or payments will be made for adjustments to the traffic control plan.

END SECTION – 01550

SECTION 01710 - CLEANING

PART 1 – GENERAL

1.1 SUMMARY

- A. Section includes:
 - 1. Intermediate and final cleaning of Work not including cleaning of systems specified elsewhere.

1.2 STORAGE AND HANDLING

- A. Store cleaning products and cleaning wastes in containers specifically designed for those materials.

1.3 SCHEDULING

- A. Schedule cleaning operations so that dust and other contaminants disturbed by cleaning process will not fall on newly painted surfaces.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Cleaning agents:
 - 1. Compatible with surface being cleaned.
 - 2. New and uncontaminated.
 - 3. For manufactured surfaces use cleaning materials recommended by the manufacturer.

PART 3 – EXECUTION

3.1 CLEANING – GENERAL

- A. Prevent accumulation of wastes that create hazardous conditions.
- B. Conduct cleaning and disposal operations to comply with laws and safety orders of governing authorities.
- C. Do not dispose of volatile wastes such as mineral spirits, oil, or paint thinner in storm or sanitary drains or sewers.
- D. Dispose of degradable debris and non-degradable debris at an approved solid waste disposal site.
- E. On completion of work, leave area in a clean, natural looking condition. Remove all signs of temporary construction activities incidental to construction of required permanent Work.
- F. Do not burn on-site.

3.2 INTERIOR CLEANING

- A. Cleaning during construction:
 - 1. Keep work areas clean so as not to hinder health, safety or convenience of personnel at the project site.
 - 2. As a minimum, dispose of waste materials, debris, and rubbish on a weekly basis.
 - 3. Vacuum clean interior areas when ready to receive finish painting. Continue vacuum cleaning on an as-needed basis, until substantial completion.

- B. Final Cleaning:
 - 1. Remove grease, mastic, adhesives, dust, dirt, stains, labels, and other foreign materials from sight-exposed surfaces.
 - 2. Wipe all lighting fixture reflectors, lenses, lamps and trims clean.
 - 3. Polish glossy surfaces to a clear shine.
 - 4. Ventilation systems:
 - a. Clean permanent filters and replace disposable filters if units were operated during construction.
 - b. Clean ducts, blowers and coils if units were operated without filters during construction.
 - 5. Replace all burned out lamps.
 - 6. Broom clean and/or mop floor areas.

3.3 EXTERIOR CLEANING

- A. Cleaning during construction:
 - 1. Construction debris:
 - a. Confine in strategically located container(s).
 - b. Cover containers to prevent blowing of debris.
 - c. Haul containers from site a minimum of once per week.
 - 2. Dispose debris to container(s) daily.
 - 3. Take special precautions to dispose of loose debris under windy or adverse weather conditions.
 - 4. Vegetation on the project site will shall be maintained and trimmed as necessary.
 - 5. Soils, sand, and gravel shall be removed from paved and sidewalk areas, as necessary, to prevent muddy, dusty, or nuisance conditions. Materials shall not be flushed into storm sewer systems.

- B. Final cleaning:
 - 1. Remove trash and debris containers from site.
 - 2. Clean paved roadways.

3.4 FIELD QUALITY CONTROL

- A. Routine monitoring of site conditions shall be conducted by the field representative. Deviations from requirements shall be promptly rectified by the Contractor.

- B. The project superintendent is expected to control conditions that may result in creating nuisance conditions within the developed residential neighborhood.

— END SECTION 01710 —

SECTION 01900 – MOBILIZATION/DEMobilIZATION

PART 1 – General

1.1 SCOPE

- A. Mobilization shall consist of preparatory work and operation, including but not limited to, those tasks necessary for the movement of personnel, equipment, supplies, and incidentals to and from the site, for the establishment of offices, buildings and other facilities necessary for work on the project; for premiums on bonds and insurance for the project and for all other work and operations which must be performed or costs incurred before beginning production work on the various contract items.

Demobilization at the finish of the job shall include the removal of all construction equipment, restoration of the site, and removal of all miscellaneous construction debris.

1.2 SUBMITTALS

- A. The CONTRACTOR shall provide a notice to all affected residents and businesses. The CONTRACTOR shall submit a sample of the notice to the Owner for review and approval prior to, but no later than, the time of the preconstruction conference. It shall provide the following information:

PROJECT NAME: Mountain Golf Course Cart Paths, Phase 1

ENGINEER'S NAME: Lumos & Associates.

PROJECT ENGINEER's Contact - 883-7077

CONTRACTOR's Name –

CONTRACTOR's Contact –

CONTRACTOR's Phone# -

Brief description of work, and Tentative Schedule with estimated completion date.

The notice is to be distributed at least 1 Week prior to any construction activities.

The CONTRACTOR shall prepare and distribute revised notices to residents if there are revisions to the construction schedules.

- B. The CONTRACTOR shall provide one (1) copy to the ENGINEER of any written agreements with a property OWNER for the areas used for material and equipment storage or staging if located on private property.
- C. A copy of the approved Notice shall be provided to the Owner at their office.
- D. A copy of the approved Notice shall be provided to the ENGINEER.

PART 2 – PRODUCTS

2.1 GENERAL

- A. Materials shall consist of equipment, buildings, and tools necessary to move to the project site to perform work.

PART 3 – EXECUTION

3.1 GENERAL

- A. Setting up of offices, and the use of private property for storage or work area shall be executed in a legal manner in accordance with local and state codes and ordinances.
- B. Remove all equipment, offices, materials and facilities used for the construction of the PROJECT upon PROJECT completion. Leave areas used in a condition as good as or better than when encountered.

END SECTION – 01900

SECTION 02200 - EARTHWORK

PART 1 – GENERAL

1.1 WORK RELATED

- A. Work included in this section shall include furnishing of all materials and labor necessary to complete Earthwork as indicated, specified herein or on the Plans. The work of this section includes, but is not necessarily limited to, the following:
1. Stripping and clearing.
 2. Scarifying and re-compaction of native soils.
 3. Excavation for footings.
 4. Engineered fill and backfill.
 5. Base fill under slabs on grade.
 6. Finish site grading.
 7. Temporary site drainage.
 8. Dust control.
 9. Quality control.

1.2 CONTRACTOR'S RESPONSIBILITY

- A. The CONTRACTOR shall attentively examine the site in such a manner that he can confirm existing surface conditions with those presented in the Soils Report included with the contract documents. He shall satisfy himself that the quality and quantity of exposed materials and subsurface soil or rock deposits have been satisfactorily represented by the Civil Engineers' drawings. Any discrepancy that may be of prior knowledge to the CONTRACTOR or that is revealed through his investigations shall be made available to the OWNER. The selection of equipment for use of the project and the order of work will similarly be his responsibility such that the requirements included in the following sections have been met.

1.3 REFERENCE STANDARDS

- A. Standard Specifications: Standard Specifications for Public Works Construction as adopted by Douglas County (Orange Book) most recent edition.

ASTM D2922 – Compaction Testing in Place by Nuclear Methods.

ASTM D1557 – Moisture Density Relationship of Compacted Soils.

- B. Where referred to herein, relative compaction shall mean the in-place dry density of soil expressed as a percentage of maximum dry density of the same material, as determined by ASTM D1557 Moisture Density Relationship Test Procedure. Optimum moisture content shall mean the moisture content corresponding to maximum dry density as determined above.

1.4 QUALITY CONTROL

- A. CONTRACTOR shall retain and pay a qualified testing laboratory to test all fill or backfill materials to be used by the CONTRACTOR during construction.

- B. CONTRACTOR shall retain and pay a qualified testing technician to test compaction of sub-grade and fill materials as directed by the OWNER's representative. Frequency of testing shall be in conformance with Orange Book requirements.
- C. When compacted soils and materials fail to meet the requirements of the specifications, the CONTRACTOR shall pay for any and all retesting of said compacted soils and materials.
- D. If, during the progress of work, tests indicate that compacted materials do not meet specified requirements, or if materials display any adverse conditions, i.e. pumping, excessive or insufficient water content, excessive debris, poor or improper gradation etc. or if materials are determined by the ENGINEER or Technician to be different than those specified, CONTRACTOR shall remove, replace and retest materials and work at no cost to the OWNER.

1.5 SUBMITTALS

- A. Test Reports: CONTRACTOR shall submit current test reports on all fill or backfill materials for approval, at least 14 days prior to the start of work.

1.6 SITE CONDITIONS

- A. Information presented in the Contract Documents regarding existing site conditions is believed to be correct, but is not guaranteed. CONTRACTOR shall visit the site for the necessary information and data regarding present ground levels, conditions of the property, location and size of obstructions, and location of adjacent streets, utilities, etc.
- B. CONTRACTOR shall assume all responsibility for damage to buildings, utilities, streets, etc., that may be caused by his work. CONTRACTOR shall refer to drawings and confer with OWNER for the location of existing utilities, etc.

1.7 PROTECTION

- A. CONTRACTOR shall protect existing streets, utilities, benchmarks, buildings and other features or facilities on or adjacent to the site from damage from the work of this section where such items are to remain. Any damage to the above shall be immediately repaired by the CONTRACTOR in a manner approved by the OWNER's representative.
- B. The CONTRACTOR shall provide, install, and maintain all barricades, shoring, bracing, etc., as required by Federal and State and local codes.

1.8 UTILITY SERVICES

- A. When encountered in the work, the CONTRACTOR shall perform the following:
 - 1. Protect existing active sewer, water, electric, gas, telephone or other utility services or underground improvements. If existing active services

are not indicated, but are encountered, request instructions from the OWNER's representative. Do not proceed until instructions are obtained.

1.9 DUST ABATEMENT

- A. CONTRACTOR shall take adequate measures at all times during construction to abate dust on the site. Provide watering from trucks, sprinklers, hoses or the like at sufficiently frequent intervals to preclude dust.

1.10 EXCAVATION VARIATIONS

- A. CONTRACTOR shall notify the OWNER's representative immediately if abnormal or questionable soil conditions are encountered, and shall not proceed with the work until so directed by the OWNER's representative. Procedures are as follows:
 - 1. Additional Excavation: When soil nature is such that good bearing cannot be found at sub-grade levels indicated, additional excavation to good bearing soil may be necessary. Should additional excavation be required, it will be ordered in writing. Additional excavation will be paid for at a price negotiated prior to the start of work.
 - 2. Unauthorized Excavation: Where excess or unauthorized excavation takes place beyond indicated lines, CONTRACTOR shall grade and fill to indicated sub-grades in accordance with the provisions of this section at no extra cost to the OWNER or OWNER's representative.

PART 2 – PRODUCTS

2.1 CLASS A

- A. Class A Bedding shall meet requirements of section 200.03.02 of the Standard Specifications for Public Works Construction.

2.2 CLASS C

- A. Class C Backfill shall meet requirements of section 200.03.04 of the Standard Specifications for Public Works Construction.

2.3 AGGREGATE BASE

- A. Aggregate Base shall meet requirements of section 200.01 of the Standard Specifications for Public Works Construction for Type II, Class B, Aggregate Base and Recycled Aggregate Base.

2.4 NATIVE BACKFILL

- A. On-site materials free of organics and debris are allowed. All rocks and cobbles with a diameter greater than 3 inches shall be removed prior to placement of backfill.

PART 3 – EXECUTION

3.1 SITE PREPARATION

- A. CONTRACTOR shall locate all utilities and improvements to remain.

3.2 SUB-GRADE SOIL PREPARATION

- A. Prior to the placement of any compacted backfill, engineered fill, compacted base material, etc., CONTRACTOR shall scarify and moisture condition to within 2% of optimum moisture content, then compact subgrade soils to at least 90% relative density.

3.3 EXCAVATION

- A. CONTRACTOR shall excavate to lines, grades and dimensions indicated or otherwise required to accommodate the work.
- B. Excavation shall extend a sufficient distance from the walls to allow for placing and removal of forms, placing reinforcing, installation of services, and for inspection. Sides of footings must be formed. Remove all loose material immediately before the concrete is placed.

3.4 ENGINEERED FILL AND BACKFILL

- A. CONTRACTOR shall remove water from areas to receive engineered fill and backfill before commencing work and keep areas free of water during filling and compaction. Fill and back-filling operations shall be carried out as follows:
 - 1. Placement of fill, backfilling or compacting of soils during freezing weather shall not occur except by permission of the ENGINEER or his representative. No backfill or fill materials shall be installed on frozen surfaces, nor shall frozen materials, snow, or ice be placed in any backfill. Provide protection as necessary during freezing weather.
 - 2. Place all fill material in lifts of not more than 8 inches loose material thickness, moisture condition material to within 2% of optimum moisture content and compact by approved means to 90% relative density.

3.5 SLAB BASE

- A. CONTRACTOR shall: Provide aggregate base compacted to a depth of no less than 6 inches under all concrete slabs-on-grade, vaults, manholes, and concrete site work. Before placing the fill, smooth and level the surface of the existing soil and thoroughly compact as required for engineered fill. Place base material in one lift, moisture condition to within 2% of optimum moisture content and compact to not less than 95% relative density.

3.6 COMPACTION

- A. Compaction as specified shall be obtained using suitable equipment designed for the work specified. The CONTRACTOR shall be responsible for selecting the type of equipment to be used.
- B. Compaction of each layer shall be continuous over the entire area of the fill. Compaction shall be carried out on lifts placed as level as possible. In areas where finished grade exceeds 5:1 slope lifts shall be “staircased” to ensure a level compacting surface.

3.7 FINISH GRADING

- A. The areas within the grading limits shall be graded to the lines and levels shown on the Plans. Finish grade shall be uniform, smooth, and well compacted, free from trash, debris and rocks over two inches in diameter. Finish grades shall not vary more than one inch from indicated elevations.

3.8 CLEANUP

- A. During the progress of the work, the CONTRACTOR shall keep the entire job site in a clean and orderly condition. Excess or unsuitable backfill material, broken pipe, or other waste material shall be removed from the job site within one week. Spillage resulting from hauling operations along or across existing streets or roads shall be removed immediately by the CONTRACTOR. All gutters and roadside ditches shall be kept clean and free from obstructions. Any deviation from this practice shall have prior approval from the OWNER. In area where excessive dust is a nuisance, the CONTRACTOR shall as often as necessary wet down the area to prevent dusty conditions as specified in the Special Conditions. This includes weekends and holidays.
- B. Before final acceptance of the work, the CONTRACTOR shall carefully clean up the work and the premises, remove all temporary structures, such as portable berms, built by or for him, remove all surplus construction materials and rubbish of all kinds from the grounds which he has occupied, and leave them in a neat condition. All drainage ditches shall be restored to their original condition, free of backfill and excavation material, and fully capable of passing storm runoff as in original condition.
- C. Daily cleanup of trash, paper, and small debris subject to movement with winds will be required.

— END SECTION 02200 —

3.3 DISPOSAL

- A. All materials resulting from demolition shall be disposed of in the appropriate manner. Disposal shall meet all state and local codes.

3.4 SALVAGE

- A. Prior to the removal of any piping, structures, pumps, electrical components, or miscellaneous appurtenances, the Project Engineer, an Owner's representative, and the Contractor shall review the items to be removed from the project area and the Project Engineer shall clearly mark each item designated for demolition.
- B. The Owner will identify any items to be salvaged during the walkthrough with the Project Engineer and Contractor. The Contractor shall palletize and stockpile onsite any items designated for salvage by the Owner. The Contractor shall use care when salvaging items for the Owner but shall not be responsible for the replacement of any items accidentally damaged during the salvage operations.
- C. Salvage may include any asphalt grindings or off-haul excess soil. The Owner will notify the Contractor of a location that asphalt grindings or other excess off-haul soil may be disposed of at no additional cost to the Owner, should the Owner desire to retain control and ownership of the grindings or over-haul soil. Should the Owner not desire to retain these materials the Contractor shall disposed of them in an appropriate manner at no cost to the Owner.

3.5 CONSTRUCTION METHODS

- A. Removal of Existing Portland Cement Concrete Curbs, Gutters, Sidewalks, and other pavements. Sawcut concrete to the match-lines as indicated on the plan or as required. Sawcut neat, vertical, true lines in such a manner that the adjoining surface will not be damaged. Sawcut to the full depth of the existing concrete. The existing concrete to be removed shall be disposed off-site in an approved landfill.
- B. Removal of Existing Asphalt Concrete Pavement for Asphalt Concrete Patch Repair. Sawcut asphalt concrete to the match lines shown on the plans, or as required, in accordance with 3.5.A above. Deep milling may also be utilized for asphalt concrete pavement removal in areas where feasible.
- C. Miscellaneous Removals. Perform all miscellaneous removals to construct the new improvements as required.
- D. The demolition of existing utility facilities will need to be coordinated with the Owner to ensure that utility operations are not impacted or are minimized to an extent acceptable to the Owner.

END SECTION - 02220

SECTION 02280 – UTILITY GRADE ADJUSTMENTS

PART 1 – GENERAL

1.1 SUMMARY

- A. Section Includes: The adjustment of utility boxes and manholes to grade. The work covered shall include the furnishing of all labor, tools, equipment, materials, and performance of required operation to provide a complete item in accordance with the project plans and these specifications.

- B. Related Sections
 - 1. Aggregate Base Course Section 02710
 - 2. Asphalt Concrete Paving Section 02740

- C. Submittals
 - 1. Manhole grade rings
 - 2. Manhole lid frame extensions

PART 2 – PRODUCTS

2.1 MATERIALS/EQUIPMENT

- A. Manhole Extensions
 - 1. Manhole frames and/or lids shall be adjusted to finish grade with material similar in character to those in the original structure or of equal quality.

- B. Water Valve Boxes
 - 1. Existing water valve boxes shall be replaced in accordance with the detail on the Drawings. The Owner may elect to furnish replacement valve boxes to the CONTRACTOR for replacement of the existing damaged valve boxes.

- C. Survey Monuments Wells
 - 1. Existing survey monument wells shall be raised to finish grade using existing monument wells.

PART 3 – EXECUTION

3.1 ADJUSTING UTILITY CASTINGS TO GRADE

- A. This Section includes the following work consisting of adjusting existing sanitary sewer manhole, water valve and survey monument well castings to finish grade.
 - 1. The CONTRACTOR is responsible to show damaged utility casings to the ENGINEER prior to construction activities. The Owner will furnish

replacement castings to the CONTRACTOR. Therefore, any damaged casings at the end of the project will be considered to be damaged during construction and the CONTRACTOR must replace at his expense.

2. Manhole frames and covers shall be raised to finish grade in accordance with the detail on the Drawings.
3. If the total height of the grade rings (maximum of three) on a manhole is 12-inches or greater when the frame is raised to finish grade, additional grade rings may not be added to bring the frame and cover to finish grade. Either a new barrel section must be added or an extension ring must be set on the existing frame to adjust the cover to finish grade. In the event a barrel section must be added, and no other alternative is available, such work will be paid for as extra work on a time and material basis.
4. Water valve boxes and survey monument wells shall be adjusted to finish grade as detailed on the drawings.
5. The CONTRACTOR shall be responsible for referencing all utility manholes, survey monument wells and water valve boxes prior to resurfacing for relocating after the overlay.
6. New manhole grade rings, barrel sections, and lid frames shall be grouted in place.
7. Survey monument pins shall not be disturbed during construction. If it is anticipated that the pins are to be removed or disturbed in any way the CONTRACTOR shall survey the monuments prior to construction activities. Monuments shall be replaced and verified after construction. Initial and final survey data shall be supplied to the ENGINEER prior to acceptance of the survey monuments.

END SECTION – 02280

SECTION 02513 - ASPHALTIC CONCRETE PAVING

PART 1 - GENERAL

1.1 SUMMARY

- A. General work included in this Section:
 - 1. Temporary patch
 - 2. Subgrade preparation for paving.
 - 3. Asphaltic concrete paving for roads, parking areas and other incidental structures, as indicated in the Contract Documents.
 - 4. Restoration of pavement in streets, driveways, and parking lots.
 - 5. Repair existing pavements, roads, driveways, and curbs that are removed or damaged during construction to their original or better condition.
 - 6. Sand seal.
 - 7. Adjustment of manholes, water valve and sewer cleanout boxes.
 - 8. Application of pavement marking paint.

- B. Related Sections include but are not necessarily limited to:
 - 1. Division 0
 - 2. Division 1
 - 3. Section 01026 – Unit Prices

1.2 QUALITY ASSURANCE

- A. Requirements of Regulatory Agencies:

Comply with applicable requirements of Washoe County, Nevada, for work in rights-of-way.

- B. Reference Standard:
 - 1. "Standard Specifications for Public Works Construction," (Orange Book) adopted by Washoe County, latest edition.
 - 2. "Standard Specifications for Road and Bridge Construction," (NDOT), published by Nevada Department of Transportation, latest edition.

1.3 SUBMITTALS

- A. Product Data:
 - 1. Asphalt mix design for new construction, overlays and patching.
 - a. Asphalt mix design

- b. Slurry seal mix design
 - c. Testing Laboratory
 - d. Location and source of aggregate
 - e. Supplier, grade of asphalt cement
 - f. Individual and combined aggregate gradations
 - g. Job mix formula
 - h. Aggregate and design mix results and soil analysis
 - i. Complete set of calculations
2. Materials Test Report (including sieve analyses)
- a. Coarse Aggregate
 - b. Fine Aggregate
- B. Manufacturer's information on materials and application rates and methods of slurry seal.

1.4 JOB CONDITIONS

- A. Weather Limitations:
- 1. Do not apply when underlying surface is muddy, frozen, or wet.
 - 2. Conform to temperature requirements of reference standards and manufacturer's requirements for each type of work to be done.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Asphaltic concrete: In accordance with referenced specifications, Drawings, and as described below:
- 1. County Right-of-Way (ROW) and private property:
 - a. AC20 or AR4000 asphaltic cement in amounts generally between five and seven percent (5% and 7%).
 - b. Aggregates to be Type 2 plant mix per Section 200.01 of Orange Book.
 - c. Mix design subject to approval by ENGINEER. 1.5% hydrate lime to be added to all asphalt concrete At the CONTRACTOR's option and expense, an anti-stripping agent may be substituted for the hydrated lime. The CONTRACTOR shall provide test results of the aggregate utilizing the Modified Lottman Method showing sixty percent (60%) retained strength.
 - i. Marshall stability (lbs.).....1.500 min.
 - ii. Marshall flow (inches).....0.08 min./0.20 max.
 - iii. Percent voids (total mix).....3 to 5 percent
 - iv. Percent voices filled w/asphalt.....75 to 85 percent
- B. Crack Filler material to be rubberized asphalt joint sealant Craftco Inc. Parking Lot Sealant Part No. 34200, equivalent, or equal.
- C. Temporary Asphalt Concrete material to be per Washoe County Standard.

- D. Aggregate base:
 - 1. Type 2 Class B per Section 200.01 of Orange Book in County ROWs and private property.
 - 2. Type 2 Class B per Section 704 of NDOT Specifications.
- E. Fog Seal: SS-1h per Section 201.04 of Orange Book.
- F. Tack Coat: SS-1h per Section 201.04 of Orange Book.
- G. Slurry Seal: Cold applied composition of refined petroleum asphalt emulsion, fillers and fibers.
 - 1. Type II Slurry Seal per plans.
 - 2. Emulsified asphalt binder shall conform to Standard Specification for SS-1h.
- H. Sand Seal per Orange Book Section 200.02.04, sand seal aggregate or sand blotter.
- I. Traffic Paint:
 - 1. In County ROW: Per Section 214 of Orange Book.
 - 2. In Highway ROW:
 - a. Temporary Marking Paint per Section 636 of NDOT Specifications.
 - b. Permanent Marking Film:
 - c. 380 Ceramic Bead Tape manufactured by 3M Company.

2.2 TEMPORARY PAVEMENT CONSTRUCTION

- A. When permanent pavement is not part of the Contract:
 - 1. In County Right of Way.
 - 2. Temporary pavement to be in place same day as work is completed.
 - 3. Thickness to be same as existing asphalt, or 4" thick, whichever is greater.
 - 4. Temporary pavement to be placed on top of 6" aggregate base, compacted to 95%.
 - 5. CONTRACTOR to maintain temporary pavement until permanent pavement is placed by Washoe County.
 - 6. CONTRACTOR to set valve boxes to finish grade and install concrete collar as specified, according to Washoe County detail on Plans.

PART 3 - EXECUTION

3.1 TEMPORARY RESURFACING

- A. Temporarily resurface trench on the same day trench is backfilled.
- B. Per Section 305.16 of Orange Book.
- C. Road to be open to traffic within a couple of hours after backfill.
- D. Place trenchplates as needed.

3.2 PAVING CONSTRUCTION

- A. Construct to line, grade and typical section, as indicated.
- B. County ROW and private properties:
 - 1. Pavement repair will begin no later than seven (7) days after CONTRACTOR has completed the schedule of work.
 - 2. Sawcut existing pavement (full thickness) where delineated by Engineer, and as required in Washoe County Street Cut Permit, a minimum of nine inches (9") undisturbed along the trench alignment. Remove and dispose of material.
 - 3. Sawcut additional pavement areas (full thickness) disturbed during construction as identified by ENGINEER or Washoe County. Example: Rocks intruding into trench. Remove and dispose of material.
 - 4. Repair subgrade as required. Additional pavement areas to be repaired will be excavated to a depth necessary to backfill and compact any voids. Place six inches (6") of aggregate base material and compact to 95%, asphalt to be replaced will match existing thickness within the limits of 4" minimum and 8" maximum.
 - 5. Spread a tack coat uniformly on existing bituminous or concrete surfaces at a rate of 0.05 to 0.10 gallon per cubic yard, in accordance with Section 316 of the Orange Book.
 - 6. Place asphalt surface course on top of concrete sand slurry trench backfill or aggregate base in two-inch (2") minimum lifts, three-inch (3") maximum lifts, in accordance with Section 320 of the Orange Book.
 - 7. After paving is completed, CONTRACTOR will raise to grade and install concrete collars on all valve boxes, meter boxes and ARV boxes, as shown on Details.

3.3 Crack Filling

- A. Cleaning Cracks:
 - 1. Preparation will be as specified in Manufacturer's Application Instructions.
 - 2. Clean with a combination of routing cracks, greater than 1/4" width, with approved equipment and cleaning with a steel brush and high-pressure air.
 - 3. Minimum depth shall be one inch (1") or twice the width of the crack, whichever is greater.
 - 4. All previously-applied sealant, sand, asphalt, dirt, weeds, and other contaminating materials shall be removed.
 - 5. Route all cracks 3/8" to 1" thick.
- B. Filling Cracks:
 - 1. Installation will be as specified in Manufacturer's Application Instructions.
 - 2. Fill all cracks within two (2) hours of cleaning.
 - 3. Ensure that sealant completely penetrates the routed portion of the crack. Fill crack from bottom to top without formation of voids and air pockets.

4. Sealant width shall not exceed one-half inch (1/2") beyond crack on either side.
5. Sealant height shall not exceed one-eighth inch (1/8") above the pavement surface.
6. Crack will be filled completely and leveled off.

3.4 CLEAN-UP

- A. Immediately following sawcut of roadways and driveways, the pavement shall be cleaned of all sawcut, slurry and debris.
- B. After paving, the roadway shall be cleaned from excess asphalt and base materials.

END OF SECTION 02513

SECTION 02710 - AGGREGATE BASE COURSE

PART 1 – GENERAL

1.1 DESCRIPTION

- A. Description of Work: The work to be performed in accordance with this section includes furnishing, placing, and compacting an aggregate base course to plan grades and cross sections.

This work shall include the furnishing of all labor, tools, equipment, materials and performing all operations required to provide a complete item in accordance with the Project Plans and Specifications.

- B. Related Sections:
- | | | |
|----|-------------------------|---------------|
| 1. | Asphalt Concrete Paving | Section 02740 |
| 2. | Concrete | Section 03300 |
- C. Applicable Additional Specifications: SSPWC “Orange Book” Sections 308 – Untreated Base Course and 302 – Subgrade Preparation.

1.2 QUALITY ASSURANCE

- A. Reference Test Standards and Specifications: The publication listed in SSPWC “Orange Book” form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only. Compliance sampling and testing during construction will be provided by the Owner per SSPWC Section 336.00.
- B. Frequency of Testing
1. Maximum Dry Density and Optimum Moisture Content, ASTM 1557.
 - a. Contractor shall provide documentation that one test for each different class or type of material has been performed, and
 - b. Contractor shall have one test performed when previous test is suspect, due to subtle changes in the material, as determined by the Engineer.
 2. Density of Soil In-Place by Sand Cone or by Nuclear Methods, ASTM D1556 or D2922 by Owner.
 - a. The Engineer requests a minimum of one test per 500 linear feet of embankment or fill.
 - b. The Engineer may test more frequently.
- C. Testing Tolerances
1. Percent Compaction. Not less than as specified on Plans, these Specifications, or the SSPWC.
 2. In-Place Moisture Content. As required to achieve minimum compaction.
 3. Soft or Yielding Surfaces. Regardless of the percent compaction obtained by test, areas which are soft and yield under the load of construction equipment are to be removed and replaced at no additional cost.

1.3 SUBMITTALS

- A. Materials Test Report. Report on maximum dry density, optimum moisture content, gradation, and R-value prior to beginning of construction.

PART 2 – MATERIALS

2.1 AGGREGATE BASE

- A. Aggregate Base shall be free from organic matter and other deleterious substances, and shall be of such nature that it can be compacted readily under watering and rolling to form a firm stable base.
- B. Aggregate shall conform to the grading and quality requirements found in Section 200.01 Type 2, Class B Aggregate Base, or Recycled Aggregate Base.

PART 3 – EXECUTION

3.1 PRELIMINARY INVESTIGATION OF THE WORK

- A. The Contractor is to satisfy himself/herself that all preliminary work including, but not limited to, clearing, grubbing, subgrade preparation and staking has been performed in accordance with these Specifications prior to subgrade preparation.

3.2 AGGREGATE BASE PREPARATIONS

- A. All work shall conform to the following subsections of SECTION 308 – Untreated Base Course, of the SSPWC.
- B. During moisture conditioning of the base material take care so as not to damage the subgrade below. Contractor shall be responsible for over watering of grade during operations.
- C. Deficiencies. Remove and replace deficiencies prior to placement of the pavement. Deficiencies in the base course, covered by asphalt paving or concrete will be removed and replaced at no additional cost to the Owner.
- D. Aggregate base shall be placed to the thickness shown on the drawings.

— END SECTION 02710 —

SECTION 03300 - CONCRETE

PART 1 – GENERAL

1.1 DESCRIPTION

- A. This Section covers all the work necessary for the cast-in-place non-reinforced and reinforced concrete work including, but not limited to: furnishing the materials; proportioning, mixing, transporting, placing, compacting, finishing, curing, and protecting the concrete; setting and fastening embedded items; and all incidental and related work.

The CONTRACTOR shall provide all laboratory and field testing of concrete and materials in accordance with this Specification.

- B. Related Sections:
1. Aggregate Base - Section 02710
- C. Applicable Additional Specifications: SSPWC “Orange Book” Sections 312 – PCC Flatwork, Curbs, Ditches, and Slope Paving.

1.2 QUALITY ASSURANCE

- A. Compliance sampling and testing during construction will be provided by the OWNER per SSPWC Section 336.00.
- B. Testing: The OWNER shall provide testing to determine compliance with the following criteria:
1. Consistency: Tested for slump in accordance with ASTM C143.
 2. Air Content: Determine the percentage of air in accordance with ASTM C231.
 3. Strength: All poured-in-place concrete shall develop a minimum 28-day compressive strength of 4,000 pounds per square inch (PSI) unless otherwise indicated. Take samples for this strength determination at the point of discharge from the ready-mix truck. Obtain a minimum of four (4) test cylinders for each fifty (50) cubic yards of concrete placed or fraction thereof. Test one (1) cylinder at 7 days, and two (2) cylinders at 28 days. Hold the fourth cylinder until the Notice of Completion is given. In the event that the 28-day test fails, the required minimum strength requirement, test the fourth cylinder for compressive strength when directed by the ENGINEER. The ENGINEER may waive concrete cylinder testing requirements for pours less than ten (10) C.Y. for non-structural installations (thrust blocks, etc.). Making and curing the test cylinders shall conform to ASTM C131, and testing shall conform to ASTM C39. Furnish two (2) copies of all test reports to the ENGINEER.
 4. Water Test: Water test gutters having a slope of 0.8 foot per hundred feet or less, or where unusual or special conditions cast doubt on the capability of the gutters to drain. Establish flow in the length of gutter to be tested by supplying water from a hydrant, tank truck or other source. One hour after the supply of water is shut off, inspect the gutter for

evidence of ponding or improper shape. In the event water is found ponded in the gutter to a depth greater than 1/2 inch, or on the adjacent asphalt pavement, the defect or defects shall be corrected in a manner acceptable to the ENGINEER at no additional cost.

C. Tolerances:

1. Tolerances for Formed Surfaces: Conform to ACI 301, Table 4.3.1. and Section 312.10 "Finishing" of the SSPWC.
2. Concrete Quality: Meet or exceed the minimum quality standards as specified.
 - a. Slump. The measured slump shall not exceed the specified design slump by more or less than one inch (1 ").
 - b. Air Content. The measured air content shall range between 4 and 7 percent.
 - c. Compressive Strength - Normal Concrete. The average of the two (2) 28-day compressive strength tests shall not be less than 4,000 PSI. No individual test shall be less than 3,800 PSI.

D. Acceptance

1. Plastic or hardened concrete not meeting acceptable tolerances will be rejected and immediately removed and replaced at the CONTRACTOR's expense.

1.3 SUBMITTALS

- A. The following submittals are required in accordance with Section 01340, "Submittals".

Certificates of Compliance:

1. Admixtures
2. Cement
3. Fly Ash
4. Pozzolan
5. Water Stop
6. Reinforcing Steel, or Mesh
7. Fiber Reinforcement

B. Materials Test Reports:

1. Coarse Aggregates
2. Fine Aggregates

C. Evaporation Retardant

D. Mix Designs:

1. SSPWC, Section 202. ACI 211 normal weight concrete, including variations for admixtures. Include compressive strength test date and modulus of rupture test data. obtained at the same concrete age which establishes a correlation between the flexural and compressive strength

properties of concrete. Establish correlation with statistical procedures outlined by ACI.

PART 2 – PRODUCTS

2.1 CONCRETE

- A. Provide a minimum 28-day comprehensive strength of 4,000 PSI with entrained air ranging from 4 to 7 percent unless otherwise indicated. Use 3/4" inch maximum coarse aggregate, size 67. Provide minimum cement content of 517 pounds per cubic yard. Provide concrete with the minimum required slump to adequately place, densify, and finish. Do not exceed the mix design water cement ratio (W/C) or design slump. Per "Orange Book" concrete in freeze/thaw environments shall have a maximum slump of 4". Min. slump shall be greater than 1". Mix Design shall include microfibers.

2.2 CEMENT

- A. Conform to ASTM C150, Type II.

2.3 WATER

- A. Use clear water free from objectionable quantities of organic matter, alkali, acids, oil, silt, and other deleterious substances. Maximum water/cement ratio shall be 0.45.

2.4 AGGREGATES

- A. Coarse Aggregate: Conform to the requirements of ASTM C33, Class Designation 4S, grading size number 67.
- B. Fine Aggregate: Conform to ASTM C33.

2.5 ADMIXTURES

- A. Air Entraining Agent: Comply with ASTM C260.
- B. Accelerating Agents: Comply with ASTM D98.
- C. Water Reducing Agents: Conform to ASTM C494, Type A, D, or E.
- D. Fly Ash and Pozzolan: Comply with ASTM C618, Class N or F. Pozzolan may be used to replace up to 15 percent of the weight of the required Portland cement. The replacement ration shall be 1.2 pounds of Pozzolan per pound of Portland cement.

2.6 CURING COMPOUND

- A. The curing compound shall be transparent and not leave an objectionable discoloration or mottling of the concrete. [Per NDOT 702.03.01].

2.7 STEEL REINFORCEMENT

- A. Conform to the requirements of ASTM A615, Grade 60, unless otherwise specified, and deformations shall conform to ASTM A615, A616, or A617 as applicable. All bars shall be round and deformed. Welded wire fabric or mesh shall conform to the requirements of ASTM A185.

2.8 FORMS

- A. Forms shall be constructed of plywood or an approved equal. Plywood for forms shall be of the grade necessary to provide a neat concrete exterior. Forms shall be of the quality and strength required so that the finished concrete will conform to the plan dimensions. Forms shall be watertight and be filleted at all exposed outside corners.
- B. Form clamps or bolts shall be used. Use of tie wire to hold forms in place will not be permitted.
- C. Plywood form panels shall be placed in four (4) foot widths and eight (8) foot lengths where applicable. All form panels shall be placed in a neat symmetrical pattern.

2.9 NON-SHRINK GROUT

- A. Use non-shrink grout where grout is called for on the Drawings. Provide 3,000 PSI non-metallic grout similar to “Embeco” manufactured by Master Builders Company, or an approved equal, and proportioned and placed in accordance with the manufacturer's recommendations.

2.10 CURING MATERIALS

- A. Provide liquid curing compound in conformance with ASTM C309, type 1 D.

2.11 JOINT FILLERS

- A. Comply with ASTM D1751.

2.12 EVAPORATION RETARDANT

- A. Con-film or approved equal. ACI 302.

2.13 FIBER REINFORCEMENT

- A. Comply with ASTM C1116, Type III, Shall be 100% virgin polypropylene fibrillated, MD Graded, fibers containing no reprocessed olefin materials and specifically manufactured to an optimum gradation for use as a concrete secondary reinforcement, and shall be Fibermesh, or other approved material. Application rate shall be a maximum of 1.5 lbs per cubic yard. The 28-day compressive strength of the mix, prior to adding the fibers, shall meet the required strength.

PART 3 – EXECUTION

3.1 GENERAL

- A. Match existing concrete where noted.
- B. Sawcut and remove existing concrete to the lines indicated on the plan in accordance with Section 02220, Demolition and Salvage. Sawcut, remove and replace sections damaged by construction in accordance with these specifications.

3.2 BASE PREPARATION

- A. Subgrade shall be prepared in accordance with Section 02710, Aggregate Base Course.
- B. CONTRACTOR shall verify, and provide as necessary, a minimum base section for the replacement of existing curb & gutter and valley gutter sections.

3.3 FORM CONSTRUCTION/REMOVAL

- A. Unless otherwise approved, use conventional forms to construct concrete curb, gutter, sidewalk and drives. Secure formwork to line and grade. Thoroughly clean forms before each use and apply a light coat of release agent which will not discolor the concrete.
- B. Do not remove front face form before the concrete has taken in initial set and has sufficient strength to carry its own weight. Do not remove gutter forms or rear forms until concrete has reached sufficient strength to prevent damage. Sawcut, remove and replace damaged sections.

3.4 STEEL REINFORCEMENT

- A. Storage: Store steel reinforcement on blocking and under cover to prevent rusting.
- B. Cleaning: Remove all rust, oil, earth, and coatings before positioning the metal reinforcement. Reinspect and clean the reinforcement immediately before placing the concrete.
- C. Straightening and Rebending: Do not straighten or rebend metal reinforcement in a manner that will injure the material. Remove bars from the job site, which do not have kinks or bends conforming to the Drawings.

3.5 MEASURING, MIXING, TRANSPORTATION AND PLACING CONCRETE

- A. Measure and mix concrete in accordance with ASTM C94. Additional water may be added to bring slump within the required limits provided the design water to cement ratio is not exceeded.

- B. Transportation: Transport concrete in accordance with ACI 301.
- C. Placing Concrete:
 - 1. Place concrete in conformance with ACI 301, except as modified herein. Do not exceed a free vertical drop of 6 feet from the point of discharge. The maximum allowable concrete temperature at the time of discharge shall be 90°F. The maximum allowable concrete age, measured from batch time to time of discharge, shall not exceed one (1) hour 30 minutes. Exceeding the maximum allowable concrete age, temperature, or slump shall be cause for immediate rejection. The minimum revolutions on a batch prior to placement is 30 to 70 revolutions and the maximum is 300 revolutions. Provide 30 revolutions after the addition of water.
 - 2. Retempering the mix after initial slump adjustment will not be allowed.
- D. Machine Formed: Machines shall be designed specifically for such work and approved by the ENGINEER. Machines shall be capable of producing results equal to or better than that produced with forms. If the results are not satisfactory to the ENGINEER, discontinue the use of the machine and make necessary repairs at no additional cost to the Agency. All applicable requirements of construction with forms shall apply to the use of machines.
- E. Densification: Thoroughly spade concrete away from the forms so there will be no rock pockets next to the forms. The concrete may be compacted by mechanical vibrators approved by the ENGINEER. Tamp or vibrate the concrete until the mortar rises to the surface and the coarse aggregate is not exposed.
- F. Cold Weather: Except with authorization, do not place concrete when the ambient temperature is below 40 degrees F or when the concrete is likely to be subjected to freezing temperatures within 24 hours. Cold weather concreting shall follow the recommended practices of ACI 3068, as approved by the ENGINEER.
- G. Hot Weather: Hot weather concreting shall follow the recommended practices of ACI 3058, as approved by the ENGINEER.

3.6 BACKFILLING

- A. Concrete curb and gutter shall be backfilled no earlier than four (4) days after concrete placement. Backfill all curb and gutter as shown on the Contract Drawings and prior to constructing tie-in paving.

3.7 FINISHING

- A. Finish all concrete surfaces smooth, straight and defect free. Provide a light broom finish as approved by the ENGINEER on all surfaces. Finish all exposed edges and joints with a 1/2-inch radius tool.
- B. Evaporation Retardant: Protect against loss of moisture from the surface of the concrete by applying an evaporation retardant. Apply per manufacturer's recommendation. Add during finish of concrete. CONTRACTOR is not permitted to use water in the finishing of the concrete.

3.8 CONCRETE CURING

- A. A curing agent shall be applied to each section as it is finished.
- B. Inadvertently Cured Surfaces: Thoroughly clean advertently cured concrete by sandblasting prior to finishing or placing adjacent concrete.
- C. No equipment causing jarring of the concrete shall be permitted adjacent to concrete curbs, gutters, valley gutters, or driveways until the 4th day following placement of the concrete. The placement of bituminous pavement adjacent to concrete curbs, gutters, valley gutters, or driveways shall not be permitted until the 7th day following the placement of the concrete.

3.9 JOINTS

- A. Expansion Joints: Construct expansion joints in a straight line and vertical plane perpendicular to the longitudinal line, of the sidewalk or curb and gutter, except in cases of curved alignment, when joints will be constructed along the radial lines of the curve. Construct to the full depth and width of the concrete. Match the joints in the adjacent pavement sidewalk or curb and gutter. Expansion joints shall be constructed at intervals not to exceed 40 feet when curb is hand formed, at all radius points, driveways, alley entrances, and adjoining structures.
- B. Contraction Joints: Construct in a straight line and vertical plane perpendicular to the longitudinal line of the sidewalk or curb and gutter, except in cases of curved alignment when joints will be constructed along the radial lines of the curb. Construct to a depth of one (1) inch and at ten (10) foot intervals on side walk widths of five (5) feet and twelve (12) foot intervals on sidewalks of four (4) feet, five (5) feet, or six (6) feet, matching the width of the sidewalk, or as otherwise noted on the plans.
- C. Edges: Shape with a suitable tool so formed as to round the edges to the radius indicated.
- D. Sidewalks. Sidewalks shall have a cross-slope of 1/4 inch per foot or as indicated on the Plans. Unless specified otherwise in the plans, the minimum thickness for concrete walk shall be four (4) inches.

3.10 TEMPORARY ACCESS

- A. Access to driveways/roadways/alleys shall be maintained prior to and after placing concrete curb, gutter, valley gutters, sidewalks, and driveways. Steel plates may be used over valley gutters or driveway sections that are poured to allow for temporary access and must remain in place a minimum 7 days following the placement of concrete. Temporary access shall be maintained until restorations are complete.

3.11 DELIVERY TICKETS

- A. Provide a delivery ticket to the inspector for every load of concrete delivered to the job site. Include the following on the delivery ticket: date, batch time, mix

I.D. number, specified strength, air content, job name, water content, and amount of concrete. The tickets are to have the actual batch weights of all aggregates, cement, water, admixtures, and batch plant moisture correction for aggregates. Provide allowance for drum moisture from previous batches. Include the reading of the truck revolution counter at the time of batching.

— END SECTION 03300 —