

Project Type		
A - Major Projects - New Initiatives	D - Capital Improvement - Existing Facilities	G - Equipment & Software
B - Major Projects - Existing Facilities	E - Capital Maintenance	
C - Capital Improvement - New Initiatives	F - Rolling Stock	

2018/2019 - 5 Year Project Summary Totals - FINAL 05/23/18

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total	Project Type	Number of Projects
<b>General Fund</b>										
Accounting/Information Systems	1212OE1601	Check Writer Printer Replacement - 893 Southwood Administration Building	6,000	-	-	-	-	6,000	G	1
	1213CE1101	IT Master Plan - IT Security Devices	15,000	15,000	15,000	-	-	45,000	G	1
	1213CE1501	District Wi-fi Installation Update	-	60,000	-	-	-	60,000	G	1
	1213CE1701	District Communication Radios	6,000	6,000	6,000	10,000	-	28,000	G	1
	1213CO1505	IT Infrastructure	-	132,800	91,800	92,000	-	316,600	G	1
	1213CO1703	District Wide PC, Laptops, Peripheral Equipment and Desk Top Printers	82,750	87,600	99,950	105,200	104,200	479,700	G	1
	1213CO1801	Email Security Gateway	13,000	-	-	-	-	13,000	G	1
	1213LV1721	IS&T Pick-up Truck and Cargo Unit	-	-	-	-	12,000	12,000	F	1
	<b>Total</b>		<b>122,750</b>	<b>301,400</b>	<b>212,750</b>	<b>207,200</b>	<b>116,200</b>	<b>960,300</b>		<b>8</b>
General Government	1099BD1501	Admin Roof Replacement	-	62,300	-	-	-	62,300	E	1
	1099BD1502	Upgrade Public Bathrooms at Administration for ADA Compliance	-	-	-	75,000	-	75,000	D	1
	1099BD1701	Administration Services Building	-	-	-	-	150,000	150,000	B	1
	1099BD1803	Administration Fire Panel Replacement	18,000	-	-	-	-	18,000	E	1
	1099CO1802	Digital Records Management System	75,000	-	-	-	-	75,000	G	1
	1099FF1503	Replace Carpeting 893 Southwood Admin Building	51,500	-	-	-	-	51,500	E	1
	1099LI1705	Pavement Maintenance - Administration Building	5,000	5,000	5,000	5,000	5,000	25,000	E	1
	1099OE1401	Admin Printer Copier Replacement - 893 Southwood Administration Building	-	-	-	28,000	-	28,000	G	1
	1315CO1801	Human Resource Management and Payroll Processing Software	120,000	-	-	-	-	120,000	G	1
	<b>Total</b>		<b>269,500</b>	<b>67,300</b>	<b>5,000</b>	<b>108,000</b>	<b>155,000</b>	<b>604,800</b>		<b>9</b>
	<b>Total General Fund</b>		<b>392,250</b>	<b>368,700</b>	<b>217,750</b>	<b>315,200</b>	<b>271,200</b>	<b>1,565,100</b>		<b>17</b>
<b>Utilities</b>										
Public Works Shared	2097BD1202	Paint Interior Building #A	-	43,300	-	-	-	43,300	E	1
	2097BD1204	New Carpet Building #A	-	-	43,820	-	-	43,820	E	1
	2097BD1704	Replace Roof Public Works #B	-	-	-	105,000	-	105,000	E	1
	2097BD1802	Household Hazardous Waste Building Improvements	-	15,000	150,000	-	-	165,000	D	1
	2097CO2101	Public Works Billing Software Replacement	-	-	-	102,000	-	102,000	G	1
	2097DI1401	Adjust Utility Facilities in NDOT/Washoe County Right of Way	60,000	60,000	60,000	60,000	60,000	300,000	E	1
	2097HE1725	Loader Tire Chains	-	-	-	9,900	9,900	19,800	F	1
	2097HE1729	2002 Caterpillar 950G Loader #523	-	-	-	265,000	-	265,000	F	1
	2097HE1730	2002 Caterpillar 950G Loader #525	-	-	-	-	265,000	265,000	F	1
	2097HE1751	2013 Trackless Snowblower #687	-	-	-	-	160,000	160,000	F	1
	2097HE1752	2001 105KW Mobile Generator #313	-	-	-	-	50,000	50,000	F	1
	2097HV1732	2010 International Vactor Truck #638	430,000	-	-	-	-	430,000	F	1
	2097HV1754	1996 Peterbilt Dump Truck #299	-	75,000	-	-	-	75,000	F	1
	2097HV1755	2001 Peterbilt Bin Truck #468	-	-	-	190,000	-	190,000	F	1
	2097LE1720	Snowplow #300A	-	-	-	18,000	-	18,000	F	1
	2097LE1721	Snowplow #307A	-	-	-	-	18,000	18,000	F	1
	2097LE1722	Slurry Liquidator #326	-	-	-	41,000	-	41,000	F	1
	2097LE1724	2015 Sander/Spreader #710	-	20,000	-	-	-	20,000	F	1
	2097LI1401	Pavement Maintenance, Utility Facilities	12,500	105,000	239,000	12,500	12,500	381,500	E	1
	2097LI1701	Pavement Maintenance, Reservoir 3-1 WPS 4-2/5-1	-	-	10,000	165,000	-	175,000	E	1
	2097LV1733	2009 Chevrolet Mid Size Pick-up #630 Compliance Dept.	30,000	-	-	-	-	30,000	F	1
	2097LV1738	2009 Chevrolet 1/2 Ton Pick-up Truck #631	-	30,000	-	-	-	30,000	F	1
	2097LV1739	2009 Chevrolet 1/2 Ton Pick-up Truck #632 Engineering Dept.	-	30,000	-	-	-	30,000	F	1
	2097LV1740	2012 Extend-A-Cab Pick-up #678 Pipeline Dept.	-	-	-	-	32,000	32,000	F	1
	2097LV1744	2012 1-Ton Service Truck w/ Liftgate #668 Treatment	-	-	-	-	43,000	43,000	F	1
	2097LV1746	2004 GMC 1-Ton Flatbed #542 Pipeline Dept.	-	-	46,000	-	-	46,000	F	1
	2097LV1747	2008 Chevrolet Service Truck #609 Meter Truck	-	36,000	-	-	-	36,000	F	1
	2097LV1749	2011 Chevrolet Service Truck #647 Treatment	-	-	45,000	-	-	45,000	F	1
	2097SS1708	WRRF Crew Quarters	153,174	-	-	-	-	153,174	D	1
	<b>Total</b>		<b>685,674</b>	<b>414,300</b>	<b>593,820</b>	<b>968,400</b>	<b>650,400</b>	<b>3,312,594</b>		<b>29</b>
Water	2299DI1102	Water Pumping Station Improvements	115,000	85,000	50,000	50,000	50,000	350,000	E	1
	2299DI1103	Replace Commercial Water Meters, Vaults and Lids	40,000	40,000	40,000	40,000	40,000	200,000	E	1
	2299DI1204	Water Reservoir Coatings and Site Improvements	40,000	85,000	85,000	55,000	75,000	340,000	E	1
	2299DI1401	Burnt Cedar Water Disinfection Plant Improvements	100,000	75,000	25,000	25,000	25,000	250,000	E	1
	2299DI1701	Water Reservoir Safety and Security Improvements	200,000	-	-	-	-	200,000	D	1
	2299DI1702	Water Pump Station 2-1 Improvements	700,000	-	300,000	-	-	1,000,000	D	1
	2299DI1707	Burnt Cedar Water Disinfection Plant Emergency Generator Fuel Tank Upgrades	-	175,000	-	-	-	175,000	D	1

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	2299LV1720	2013 Mid Size Truck #675 Compliance	-	-	-	31,000	-	31,000	F	1
	2299WS1704	Watermain Replacement - Martis Peak Road	-	50,000	625,000	-	-	675,000	D	1
	2299WS1705	Watermain Replacement - Crystal Peak Road	-	-	-	50,000	845,000	895,000	D	1
	2299WS1706	Watermain Replacement - Rifle Pk Ct, Slott Pk Ct	-	-	50,000	325,000	-	375,000	D	1
	2299WS1801	Leak Study R2-1 14inch Steel	65,000	-	-	-	-	65,000	D	1
	2299WS1802	Watermain Replacement - Alder Avenue	50,000	465,000	-	-	-	515,000	D	1
	2299WS1804	R6-1 Tank Road Construction	-	5,000	15,000	110,000	-	130,000	D	1
	<b>Total</b>		<b>1,310,000</b>	<b>980,000</b>	<b>1,190,000</b>	<b>686,000</b>	<b>1,035,000</b>	<b>5,201,000</b>		<b>14</b>
Sewer	2523HE1721	2006 Kenworth T800 Bin truck #587	-	-	-	-	-	197,200	F	1
	2524SS1010	Effluent Export Line - Phase II	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	B	1
	2599BD1105	Building Upgrades Water Resource Recovery Facility	-	80,000	40,000	25,000	50,000	195,000	E	1
	2599BD1802	Treatment Plant Fire Panel Replacement	65,000	-	-	-	-	65,000	E	1
	2599DI1104	Sewer Pumping Station Improvements	55,000	50,000	30,000	30,000	30,000	195,000	E	1
	2599DI1703	Sewer Pump Station #1 Improvements	100,000	-	-	-	-	100,000	D	1
	2599SS1102	Water Resource Recovery Facility Improvements	120,000	75,000	75,000	75,000	75,000	420,000	E	1
	2599SS1103	Wetlands Effluent Disposal Facility Improvements	100,000	100,000	100,000	100,000	100,000	500,000	E	1
	2599SS1203	Replace & Reline Sewer Mains, Manholes and Appurtenances	80,000	80,000	55,000	160,000	55,000	430,000	E	1
	2599SS1702	WRRF Biosolids Bins	60,000	30,000	-	-	-	90,000	F	1
	2599SS1707	WRRF Aeration System Improvements	100,000	350,000	-	-	-	450,000	D	1
	2599SS2107	Update Camera Equipment	-	58,000	-	-	-	58,000	G	1
	<b>Total</b>		<b>2,680,000</b>	<b>2,823,000</b>	<b>2,300,000</b>	<b>2,587,200</b>	<b>2,310,000</b>	<b>12,700,200</b>		<b>12</b>
	<b>Total Utilities</b>		<b>4,675,674</b>	<b>4,217,300</b>	<b>4,083,820</b>	<b>4,241,600</b>	<b>3,995,400</b>	<b>21,213,794</b>		<b>55</b>
Internal Service										
Fleet	5190ME1201	Replacement Shop Tools and Equipment	-	-	-	-	16,000	16,000	G	1
	5197CO1801	Fleet Software upgrade - manages rolling stock/equip	-	14,000	-	-	-	14,000	G	1
	<b>Total</b>		-	<b>14,000</b>	-	-	<b>16,000</b>	<b>30,000</b>		<b>2</b>
Buildings	5394LE1723	2003 Genie Scissor Lift	-	15,000	-	-	-	15,000	F	1
	5394LE1724	2004 Equipment Trailer (Tilt)	-	5,100	-	-	-	5,100	F	1
	5394LV1720	Replace 2005 Service Truck 4X4 (1-ton) #555	-	-	-	43,600	-	43,600	F	1
	5394LV1722	Replace 2004 Pick-up Truck 4X4 (1/2-ton) #540	-	-	5,000	-	-	5,000	F	1
	<b>Total</b>		-	<b>20,100</b>	<b>5,000</b>	<b>43,600</b>	-	<b>68,700</b>		<b>4</b>
	<b>Total Internal Service</b>		-	<b>34,100</b>	<b>5,000</b>	<b>43,600</b>	<b>16,000</b>	<b>98,700</b>		<b>6</b>
Community Services										
Championship Golf	3141BD1703	Demolition of #10 Starter Shack	10,000	-	-	-	-	10,000	D	1
	3141BD1706	Venue Signage Enhancement	20,000	40,000	-	-	-	60,000	C	1
	3141FF1804	Champ Golf Exterior Icemaker Replacement	7,500	-	10,500	-	-	18,000	G	1
	3141GC1103	Irrigation Improvements	25,000	30,000	15,000	26,000	15,000	111,000	E	1
	3141GC1202	Championship Course Bunkers	10,000	-	-	-	-	10,000	E	1
	3141GC1501	Maintenance Building Drainage, Washpad and Pavement improvements	-	30,000	700,000	-	-	730,000	D	1
	3141GC1802	Championship Course Greens and Surrounds	15,000	15,000	-	-	325,000	355,000	E	1
	3141GC1803	Championship Course Tees	13,000	13,000	-	-	-	26,000	E	1
	3141LI1201	Pavement Maintenance of Parking Lots - Champ Course & Chateau	25,000	17,500	52,500	45,000	10,000	150,000	E	1
	3141LI1202	Pavement Maintenance of Cart Paths - Champ Course	55,000	60,000	62,500	55,000	55,000	287,500	E	1
	3142LE1720	1999 Ty-Crop Spreader #429	36,400	-	-	-	-	36,400	F	1
	3142LE1733	2005 Carryall Club Car #564	-	11,000	-	-	-	11,000	F	1
	3142LE1734	2005 Carryall Club Car #565	-	11,000	-	-	-	11,000	F	1
	3142LE1735	2005 Carryall Club Car #566	-	11,000	-	-	-	11,000	F	1
	3142LE1736	2005 Carryall Club Car #567	-	11,000	-	-	-	11,000	F	1
	3142LE1737	2006 Carryall Club Car #589	-	-	11,000	-	-	11,000	F	1
	3142LE1738	2006 Carryall Club Car #590	-	-	11,000	-	-	11,000	F	1
	3142LE1739	2006 Carryall Club Car #591	-	-	11,000	-	-	11,000	F	1
	3142LE1740	2007 Club Car Carryall Ball Picker #600	25,000	-	-	-	-	25,000	F	1
	3142LE1741	2016 Bar Cart #724	-	-	29,000	-	-	29,000	F	1
	3142LE1742	2016 Bar Cart #725	-	-	29,000	-	-	29,000	F	1
	3142LE1746	2012 JD 8500 Fairway Mower #670	-	-	58,000	-	-	58,000	F	1
	3142LE1747	2011 Toro Groundsmaster 4000D #650	-	-	50,000	-	-	50,000	F	1
	3142LE1748	2015 Toro Greensmaster 1600 #711	-	-	-	-	10,000	10,000	F	1
	3142LE1749	2015 Toro Greensmaster 1600 #712	-	-	-	-	10,000	10,000	F	1
	3142LE1750	2013 JD 3235 Fairway Mower #685	-	-	-	60,300	-	60,300	F	1
	3142LE1753	2011 Toro Greensmaster 1000 #652	14,500	-	-	-	-	14,500	F	1

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	3142LE1754	2011 Toro Greensmaster 1000 #653	14,500	-	-	-	-	14,500	F	1
	3142LE1755	2011 Toro Greensmaster 1000 #654	14,500	-	-	-	-	14,500	F	1
	3142LE1756	2011 Toro Greensmaster 1000 #655	14,500	-	-	-	-	14,500	F	1
	3142LE1757	2011 Toro Greensmaster 1000 #656	14,500	-	-	-	-	14,500	F	1
	3142LE1758	2011 Toro Greensmaster 1000 #657	14,500	-	-	-	-	14,500	F	1
	3142LE1759	2014 3500D Toro Rotary Mower #693	-	-	-	38,000	-	38,000	F	1
	3142LE1760	2010 John Deere 8500 #641	-	87,200	-	-	-	87,200	F	1
	3142LE1861	Toro Greensmaster 1600	10,000	-	-	-	-	10,000	E	1
	3143GC1202	Driving Range Improvements	-	31,000	-	-	-	31,000	E	1
	3144FF1702	Replace Icemaker Championship Golf Course Cart Barn	-	-	-	10,980	-	10,980	G	1
	3153BD2001	Recoat Chateau F&B Grill and Catering Kitchen Floors	-	-	-	37,200	-	37,200	E	1
	3153FF1204	Champ Grille Kitchen Equipment	-	46,200	-	-	-	46,200	G	1
	3197HV1749	1997 1-Ton Dump Truck #419	-	42,000	-	-	-	42,000	F	1
	3197LE1720	1989 Lely Fertilizer Spreader #365	7,000	-	-	-	-	7,000	F	1
	3197LE1724	2000 Toro Spreader #462	-	12,500	-	-	-	12,500	F	1
	3197LE1726	2001 Spiker/Seeder #477	-	10,200	-	-	-	10,200	F	1
	3197LE1728	2013 Toro Top Dresser #686	-	-	-	13,000	-	13,000	F	1
	3197LE1731	2008 Planetair HD50 #616	-	-	35,000	-	-	35,000	F	1
	3197LE1732	2015 John Deere 1500 Fairway Aerator #716	-	27,000	-	-	-	27,000	F	1
	3197LE1733	2008 JD TC125 Core Harvester #621	-	-	-	12,400	-	12,400	F	1
	3197LE1734	2008 Bandit Brush Chipper #625	-	40,000	-	-	-	40,000	F	1
	3197LE1735	2017 TORO PROCORE 864 AERATOR #747	-	-	-	-	15,400	15,400	F	1
	3197LE1738	2004 John Deere Pro Gator #546	34,000	-	-	-	-	34,000	F	1
	3197LE1740	2005 John Deere Pro Gator #569	-	34,500	-	-	-	34,500	F	1
	3197LE1741	2015 Greens Roller #715	-	15,000	-	-	-	15,000	F	1
	3197LE1742	2014 Vibratory Greens Roller #696	-	17,000	-	-	-	17,000	F	1
	3197LE1743	2000 John Deere 5310 Tractor #464	47,000	-	-	-	-	47,000	F	1
	3197LE1746	2004 John Deere 4410 Tractor #548	-	33,350	-	-	-	33,350	F	1
	3197LE1748	Replace Blade Grinding Equipment	25,000	-	41,200	-	-	66,200	G	1
	3197LE1753	2011 Toro Tri-Plex 3250D Mower #664	40,500	-	-	-	-	40,500	F	1
	3197ME1710	Maintenance Shop Crane and Equipment Lift	-	30,000	-	-	-	30,000	G	1
	3199OE1501	Championship Golf Printer Copier Replacement 955 Fairway	-	10,000	-	-	-	10,000	G	1
	<b>Total</b>		<b>492,400</b>	<b>685,450</b>	<b>1,115,700</b>	<b>297,880</b>	<b>440,400</b>	<b>3,031,830</b>		<b>59</b>
Mountain Golf	3241GC1101	Mountain Course Greens, Tees and Bunkers	23,000	42,000	12,000	-	-	77,000	E	1
	3241GC1404	Irrigation Improvements	-	46,000	-	-	30,000	76,000	E	1
	3241GC1502	Wash Pad Improvements	-	-	-	70,000	-	70,000	D	1
	3241GC1802	Mountain Course Clubhouse and Maintenance Building Water Service Line Replacement	-	65,000	-	-	-	65,000	D	1
	3241LI1704	Mountain Golf Course Cart Path Retaining Walls	12,500	17,500	37,500	12,500	12,500	92,500	E	1
	3241ME1804	Mountain Golf Fuel Storage Facility	-	50,000	-	-	-	50,000	D	1
	3242LE1725	2005 Carryall Club Car #568	-	12,000	-	-	-	12,000	F	1
	3242LE1726	2016 Bar Cart #726	-	-	29,000	-	-	29,000	F	1
	3242LE1728	2015 Toro 4000D Rough Mower #709	-	-	-	-	61,000	61,000	F	1
	3242LE1732	2016 Toro Tri-Plex Mower #614	-	-	-	-	43,400	43,400	F	1
	3242LI1204	Pavement Maintenance of Parking Lot - Mountain Golf Course	6,000	22,500	6,000	12,500	-	59,500	E	1
	3242LI1205	Pavement Maintenance of Cart Paths - Mountain Golf Course	45,000	40,000	45,000	45,000	45,000	220,000	E	1
	3299BD1403	Mountain Course Clubhouse and Maintenance Building Renovation and ADA Upgrades	-	-	-	-	95,000	95,000	D	1
	3299BD1705	Paint Exterior of Mountain Golf Clubhouse	27,800	-	-	-	-	27,800	E	1
	3299BD1801	Replace Carpet in Mountain Golf Clubhouse	24,000	-	-	-	-	24,000	E	1
	3299BD1803	Mountain Golf Roll Up Shop Doors	12,000	-	-	-	-	12,000	E	1
	<b>Total</b>		<b>150,300</b>	<b>295,000</b>	<b>129,500</b>	<b>140,000</b>	<b>299,400</b>	<b>1,014,200</b>		<b>16</b>
Facilities	3350BD1103	Chateau - Replace Carpet	-	62,000	-	-	49,500	111,500	E	1
	3350BD1302	Resurface Patio Deck - Chateau	-	-	36,000	-	-	36,000	E	1
	3350BD1506	Paint Exterior of Chateau	-	-	-	47,000	-	47,000	E	1
	3350BD1704	Replace Air Walls Chateau	7,500	89,360	-	-	-	96,860	E	1
	3350BD1803	Replace Carpet in Chateau Grill	12,000	-	-	-	-	12,000	E	1
	3350BD1804	Replace Hallway Tile at Chateau	-	65,000	-	-	-	65,000	E	1
	3350BD1805	Repair and Refinish Wood Walls Upstairs at Chateau	-	10,000	-	-	-	10,000	E	1
	3350BD1806	Paint Both Food & Beverage Kitchens and Storage Areas	12,000	-	-	-	-	12,000	E	1

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	3350FF1204	Catering Kitchen Equipment	-	18,900	-	-	-	18,900	G	1
	3350FF1601	Enclose Chateau Exterior Storage Area	-	50,000	-	-	-	50,000	D	1
	3351BD1501	Aspen Grove - Replace Carpet	11,500	-	-	-	-	11,500	E	1
	3351BD1703	Aspen Grove Improvements	-	-	10,000	41,400	-	51,400	E	1
	3351BD2101	Dumpster enclosure - Village Green/Aspen Grove	-	-	-	45,000	-	45,000	D	1
	3351LI1807	Replacement Sod at Aspen Grove	-	18,000	-	-	-	18,000	E	1
	3352LV1720	Replace 2013 Cargo Truck #690	-	-	-	-	38,500	38,500	F	1
	<b>Total</b>		<b>43,000</b>	<b>313,260</b>	<b>46,000</b>	<b>133,400</b>	<b>88,000</b>	<b>623,660</b>		<b>15</b>
Ski	3453BD1806	Base Lodge Walk In Cooler and Food Prep Reconfiguration	-	15,000	150,000	-	-	165,000	D	1
	3453FF1706	Replace Main Lodge/Snowflake Lodge Dining Furniture and Fixtures	-	30,000	52,000	-	-	82,000	G	1
	3453FF1707	Replacement of Main and Snowflake Lodge Kitchen Equipment	33,000	53,000	-	-	-	86,000	G	1
	3462CE1902	Diamond Peak Fiber Network to Lifts	-	-	-	-	68,000	68,000	D	1
	3462HE1502	Crystal Express Ski Lift Maintenance and Improvements	-	30,000	-	25,000	345,000	400,000	E	1
	3462HE1702	Lakeview Ski Lift Maintenance and Improvements	-	250,000	30,000	192,000	-	472,000	E	1
	3462HE1711	Lodgepole Ski Lift Maintenance and Improvements	-	-	-	60,000	-	60,000	E	1
	3462HE1712	Red Fox Ski Lift Maintenance and Improvements	-	30,000	20,000	-	-	50,000	E	1
	3463HE1722	Loader Tire Chains (1-Set)	-	-	-	9,750	-	9,750	F	1
	3463HE1723	2002 Caterpillar 950G Loader #524	-	-	-	265,000	-	265,000	F	1
	3463HE1728	Replace 2011 Grooming vehicle # 645	-	-	-	400,000	-	400,000	F	1
	3463HV1727	Replace 2008 Grooming vehicle # 628	-	390,000	-	-	-	390,000	F	1
	3464BD1403	Resurface Main Lodge Decks	-	63,200	-	-	-	63,200	E	1
	3464HE1901	Snowmaking Compressor House (C45)	-	-	350,000	-	-	350,000	G	1
	3464LE1601	Ski Resort Snowmobile Fleet Replacement	15,000	15,500	16,000	16,500	17,000	80,000	F	1
	3464LE1729	Snowplow #304A	-	-	-	19,000	-	19,000	F	1
	3464LE1734	2016 Polaris Ranger Crew #723	-	-	-	-	19,000	19,000	F	1
	3464LI1501	Diamond Peak Base Facilities Maintenance and Improvements	70,000	-	-	-	-	70,000	D	1
	3464LV1730	2014 Yamaha ATV #695	-	-	-	19,000	-	19,000	F	1
	3464LV1731	2012 Yamaha ATV #683	-	18,000	-	-	-	18,000	F	1
	3464LV1732	2013 Yamaha Rhino (ATV) #674	-	-	21,000	-	-	21,000	F	1
	3464LV1733	2008 Yamaha Rhino (ATV) #639	22,000	-	-	-	-	22,000	F	1
	3464ME1802	Diamond Peak Fuel Storage Facility	-	-	-	-	100,000	100,000	D	1
	3464SI1002	Fan Guns Purchase and Refurbishment	-	130,000	-	-	-	130,000	G	1
	3467LE1703	Child Ski Center Surface Lift	-	-	-	65,000	-	65,000	C	1
	3468RE0002	Replace Ski Rental Equipment	135,000	200,000	185,000	-	150,000	670,000	G	1
	3468RE1609	Replace Ski Rental Machinery	-	-	-	36,000	-	36,000	G	1
	3469HE1739	Replace 2010 Shuttle Bus #635	-	-	130,000	-	-	130,000	F	1
	3469HE1740	Replace 2010 Shuttle Bus #636	-	-	130,000	-	-	130,000	F	1
	3469LI1105	Pavement Maintenance, Diamond Peak and Ski Way	85,000	135,000	245,000	-	-	465,000	E	1
	3469LI1805	Ski Way and Diamond Peak Parking Lot Reconstruction	50,000	100,000	300,000	2,750,000	2,100,000	5,300,000	B	1
	3469LV1735	2007 Chevy 1-Ton Pick-Up #596	-	40,000	-	-	-	40,000	F	1
	3469LV1736	2007 Chevy 1-Ton Pick-Up #597	-	40,000	-	-	-	40,000	F	1
	3469LV1737	1991 Ski Passenger Tram #267	-	-	-	22,700	-	22,700	F	1
	3469LV1738	1993 Ski Passenger Tram #283	-	-	-	-	23,400	23,400	F	1
	3499BD1710	Diamond Peak Facilities Flooring Material Replacement	-	43,000	40,000	62,000	-	145,000	E	1
	3499BD1801	Ski Fleet Fire Panel Replacement	25,000	-	-	-	-	25,000	E	1
	3499BD1803	Snowflake Lodge Facilities Maintenance and Improvements	27,000	-	-	-	-	27,000	E	1
	3499BD1804	Storage Building Replacement Design Evaluation (Net of Grants)	40,000	-	-	-	-	40,000	D	1
	3499LI1101	Incline Creek Culvert Rehabilitation at Diamond Peak	3,785,000	-	-	-	-	3,785,000	B	1
	3499OE1205	Replace Staff Uniforms	-	-	130,000	-	-	130,000	G	1
	3499OE1502	Skier Services Administration Printer Copier Replacement 1210 Ski Way	-	10,000	-	-	-	10,000	G	1
	<b>Total</b>		<b>4,287,000</b>	<b>1,592,700</b>	<b>1,799,000</b>	<b>3,941,950</b>	<b>2,822,400</b>	<b>14,443,050</b>		<b>42</b>
Ski Master Plan Implementation	3653BD1501	Ski Area Master Plan Implementation - Phase 1a and 1b	-	150,000	1,183,000	1,183,000	878,887	3,394,887	A	1
	3653BD1502	Ski Area Master Plan Implementation - Phase 2	-	-	-	-	100,000	100,000	A	1
	<b>Total</b>		<b>-</b>	<b>150,000</b>	<b>1,183,000</b>	<b>1,183,000</b>	<b>978,887</b>	<b>3,494,887</b>		<b>2</b>
Parks	4378BD1603	Resurface and Coat Incline Park Bathroom Floors	-	-	13,940	-	-	13,940	E	1
	4378BD1604	Resurface and Coat Preston Park Bathroom, Mechanical Room, and Bleacher Floors	-	-	-	53,200	-	53,200	E	1
	4378BD1605	Aspen Grove Flatscape and Retaining Wall Enhancement and Replacement	-	55,000	-	-	145,000	200,000	D	1
	4378BD1701	Dumpster enclosure - Incline Park	-	-	-	45,000	-	45,000	D	1
	4378BD1705	Rosewood Creek Foot Bridges	-	8,000	8,000	-	-	16,000	D	1

Project Type		
A - Major Projects - New Initiatives	D - Capital Improvement - Existing Facilities	G - Equipment & Software
B - Major Projects - Existing Facilities	E - Capital Maintenance	
C - Capital Improvement - New Initiatives	F - Rolling Stock	

2018/2019 - 5 Year Project Summary Totals - FINAL 05/23/18

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total	Project Type	Number of Projects
	4378BD1801	Preston Field Retaining Wall Replacement	-	-	64,750	225,000	-	289,750	D	1
	4378LE1723	1996 Lely Fertilizer Spreader #498	12,000	-	-	-	-	12,000	F	1
	4378LE1724	2005 Shattertine Aerifier	-	8,100	-	-	-	8,100	F	1
	4378LE1725	2008 Landpride Overseeder #622	-	-	17,000	-	-	17,000	F	1
	4378LE1729	2007 John Deere Pro Gator #604	34,000	-	-	-	-	34,000	F	1
	4378LE1730	2008 JD Pro-Gator #623	-	35,000	-	-	-	35,000	F	1
	4378LE1731	2008 JD Pro-Gator #624	-	-	36,000	-	-	36,000	F	1
	4378LE1736	2003 1-Ton Service Truck #520	-	43,000	-	-	-	43,000	F	1
	4378LE1739	2013 Ball Field Groomer #681	-	17,100	-	-	-	17,100	F	1
	4378LE1740	2013 Ball Field Mower / Toro 3500D Groundskeeper #682	-	35,400	-	-	-	35,400	F	1
	4378LE1742	2015 Ball Field Groomer #706	-	-	17,500	-	20,000	37,500	F	1
	4378LE1743	2007 Toro 3500D Rotary Mower #605	33,700	-	-	-	-	33,700	F	1
	4378L1207	Pavement Maintenance, East & West End Parks	15,000	-	-	-	17,500	32,500	E	1
	4378L1303	Pavement Maintenance, Village Green Parking	5,000	5,000	12,500	5,000	22,500	50,000	E	1
	4378L1403	Pavement Maintenance, Preston Field	5,000	5,000	5,000	27,500	6,000	48,500	E	1
	4378L1504	Incline Creek Restoration - Upstream of SR-28 (Net of Grants)	186,000	-	-	-	-	186,000	D	1
	4378L1602	Pavement Maintenance, Overflow Parking Lot	5,000	5,000	5,000	5,000	27,500	47,500	E	1
	4378L1604	Pump Track (Net of Grants)	300,000	-	-	-	-	300,000	C	1
	4378L1802	Pavement Maintenance - Incline Park	1,500	7,500	3,500	7,500	3,500	23,500	E	1
	4378L1803	Incline Park Facility Renovations (Net of Grants)	1,208,071	-	-	-	-	1,208,071	D	1
	4378L1804	Bocce Courts at Recreation Center Property Design	15,000	-	-	-	-	15,000	C	1
	4378LV1734	2011 Pick-Up with Lift gate (1-ton) #646	-	-	-	-	42,500	42,500	F	1
	4378LV1735	2005 Pick-up Truck 4x4 (1-Ton) #554	-	-	41,000	-	-	41,000	F	1
	4378LV1737	2004 Pick-up Truck 4x4 (1-Ton) #541	-	41,000	-	-	-	41,000	F	1
	4378RS1501	Replace Previous Incline Park Playground	-	-	-	20,000	100,000	120,000	C	1
	4378RS1601	Replace Preston Park Playgrounds	-	-	15,000	100,000	-	115,000	E	1
	<b>Total</b>		<b>1,820,271</b>	<b>265,100</b>	<b>239,190</b>	<b>488,200</b>	<b>384,500</b>	<b>3,197,261</b>		<b>31</b>
Tennis	4588BD1602	Paint All Court Fences and Light Poles, Replace Wind Screens	-	-	51,000	-	-	51,000	E	1
	4588BD1604	Tennis Center Renovation	-	390,000	-	-	-	390,000	D	1
	4588L1201	Pavement Maintenance, Tennis Facility	5,000	23,500	5,000	5,000	5,000	43,500	E	1
	4588ME1702	Replace Tennis Center Ice Maker	-	-	-	-	9,500	9,500	G	1
	4588RS1401	Resurface Tennis Courts 8-9-10-11	-	-	17,600	-	-	17,600	E	1
	4588RS1402	Resurface Tennis Courts 3 thru 7	75,000	-	-	-	-	75,000	E	1
	4588RS1501	Resurface Tennis Courts 1 and 2	-	47,000	-	-	-	47,000	E	1
	4588RS1801	Tennis Center Pickle Ball Court Conversion	18,000	-	-	-	-	18,000	C	1
	<b>Total</b>		<b>98,000</b>	<b>460,500</b>	<b>73,600</b>	<b>5,000</b>	<b>14,500</b>	<b>651,600</b>		<b>8</b>
Recreation Center	4884BD1601	Recreation Center Natatorium Mezzanine Safety Enhancements	-	90,000	-	-	-	90,000	D	1
	4884BD1705	Upgrade Lights for I.P. Pathway	-	-	-	27,000	-	27,000	E	1
	4884BD1804	Chemtrol System for Recreation Center Pool	-	-	-	22,000	-	22,000	G	1
	4884BD1901	Replace Condensing Unit 2 and 4	50,000	-	-	-	-	50,000	E	1
	4884FF1502	Repair Deck Stairs and Powder Coat All Patio Deck Railings	40,000	-	-	-	-	40,000	E	1
	4884L11102	Pavement Maintenance, Recreation Center Area	12,500	57,500	62,500	5,000	357,500	495,000	E	1
	4884RS1503	Replaster Recreation Center Pool	-	-	-	175,000	-	175,000	E	1
	4885BD1606	Pool Facility Deck/Floor Re-coat	-	34,000	-	-	-	34,000	E	1
	4886LE0001	Fitness Equipment	43,500	44,200	45,000	47,250	49,000	228,950	G	1
	4899BD1305	Paint Interior of Recreation Center	20,500	-	-	15,500	-	36,000	E	1
	4899BD1801	Paver install Front Walkway at Recreation Center	-	-	-	-	130,000	130,000	D	1
	4899LV1721	2012 15-Passenger Van #667	-	-	-	45,800	-	45,800	F	1
	4899OE1607	Recreation Center Printer Copier Replacement 980 Incline Way	-	-	20,000	-	-	20,000	G	1
	<b>Total</b>		<b>166,500</b>	<b>225,700</b>	<b>127,500</b>	<b>337,550</b>	<b>536,500</b>	<b>1,393,750</b>		<b>13</b>
Community Services Shared	4999BD1803	Fall protection for District Venues	27,500	-	-	-	-	27,500	D	1
	4999OE1399	Web Site Redesign and Upgrade	-	-	80,000	-	-	80,000	G	1
	<b>Total</b>		<b>27,500</b>	<b>-</b>	<b>80,000</b>	<b>-</b>	<b>-</b>	<b>107,500</b>		<b>2</b>
<b>Beaches</b>		<b>Total Community Services Less Master Plan Implementation</b>	<b>7,084,971</b>	<b>3,837,710</b>	<b>3,610,490</b>	<b>5,343,980</b>	<b>4,585,700</b>	<b>24,462,851</b>		<b>186</b>
		<b>Total Community Services with Master Plan Implementation</b>	<b>7,084,971</b>	<b>3,987,710</b>	<b>4,793,490</b>	<b>6,526,980</b>	<b>5,564,587</b>	<b>27,957,738</b>		<b>188</b>
	3939BD1803	Burnt Cedar Food & Beverage Customer Improvements	10,000	-	-	-	-	10,000	D	1
	3970BD2601	Burnt Cedar Swimming and Toddler Pool Resurface and Mechanical Improvements	75,000	500,000	-	-	-	575,000	D	1
	3972BD1301	Pavement Maintenance, Ski Beach	33,500	6,000	6,000	6,000	15,000	66,500	E	1

Project Type		
A - Major Projects - New Initiatives	D - Capital Improvement - Existing Facilities	G - Equipment & Software
B - Major Projects - Existing Facilities	E - Capital Maintenance	
C - Capital Improvement - New Initiatives	F - Rolling Stock	

2018/2019 - 5 Year Project Summary Totals - FINAL 05/23/18

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total	Project Type	Number of Projects
	3972BD1501	Beaches Flatscape and Retaining Wall Enhancement and Replacement	55,000	55,000	55,000	55,000	-	220,000	D	1
	3972BD1707	Burnt Cedar Dumpster enclosure	-	10,000	35,000	-	-	45,000	D	1
	3972FF1704	Beach Furnishings	58,400	-	7,000	21,000	-	86,400	G	1
	3972LI1201	Pavement Maintenance, Incline Beach	26,500	-	6,500	5,000	7,500	45,500	E	1
	3972LI1202	Pavement Maintenance, Burnt Cedar Beach	72,500	1,000	6,000	17,500	7,500	104,500	E	1
	3972LI1801	Kayak and Paddle Board Rack Enhancements	30,000	-	-	-	-	30,000	D	1
	3972RS1701	Replace Playgrounds	-	-	30,000	100,000	100,000	230,000	E	1
	3973FF1204	Incline Beach Kitchen	-	-	-	7,260	-	7,260	G	1
	3974FF1101	Burnt Cedar Beach Kitchen	-	-	-	6,800	-	6,800	G	1
	3999BD1702	Resurface Burnt Cedar Pool Patio Deck	-	29,100	-	-	-	29,100	E	1
	3999BD1708	Ski Beach Bridge Replacement	-	-	-	-	120,000	120,000	D	1
	3999BD1802	Fall protection for Beach Venues	12,000	-	-	-	-	12,000	D	1
	3999DI1706	Burnt Cedar Beach Backflow Device Replacement	-	-	-	-	45,000	45,000	E	1
	<b>Total</b>		<b>372,900</b>	<b>601,100</b>	<b>145,500</b>	<b>218,560</b>	<b>295,000</b>	<b>1,633,060</b>		<b>16</b>
<b>Total w/o DP Master Plan</b>			<b>12,525,795</b>	<b>9,058,910</b>	<b>8,062,560</b>	<b>10,162,940</b>	<b>9,163,300</b>	<b>48,973,505</b>		<b>280</b>
<b>Total w/ DP Master Plan</b>			<b>12,525,795</b>	<b>9,208,910</b>	<b>9,245,560</b>	<b>11,345,940</b>	<b>10,142,187</b>	<b>52,468,392</b>		<b>282</b>

2018/2019 - 5 Year CIP Project Type Analysis - FINAL 05/23/18

All Funds w/ DP MP - Project Type	Number of Projects	% of Fund Total	Total Cost	% of Fund Total
A - Major Projects - New Initiatives	2	0.7%	\$3,494,887	6.7%
B - Major Projects - Existing Facilities	4	1.4%	\$19,235,000	36.7%
C - Capital Improvement - New Initiatives	6	2.1%	\$578,000	1.1%
D - Capital Improvement - Existing Facilities	44	15.6%	\$10,125,495	19.3%
E - Capital Maintenance	83	29.4%	\$9,931,220	18.9%
F - Rolling Stock	106	37.6%	\$5,587,300	10.6%
G - Equipment & Software	37	13.1%	\$3,516,490	6.7%
<b>Totals</b>	<b>282</b>	<b>100.0%</b>	<b>\$52,468,392</b>	<b>100.0%</b>

All Funds w/o DP MP - Project Type	Number of Projects	% of Fund Total	Total Cost	% of Fund Total
A - Major Projects - New Initiatives	0	0.0%	0	0.0%
B - Major Projects - Existing Facilities	4	1.4%	\$19,235,000	39.3%
C - Capital Improvement - New Initiatives	6	2.1%	\$578,000	1.2%
D - Capital Improvement - Existing Facilities	44	15.7%	\$10,125,495	20.7%
E - Capital Maintenance	83	29.6%	\$9,931,220	20.3%
F - Rolling Stock	106	37.9%	\$5,587,300	11.4%
G - Equipment & Software	37	13.2%	\$3,516,490	7.2%
<b>Totals</b>	<b>280</b>	<b>100.0%</b>	<b>\$48,973,505</b>	<b>100.0%</b>

General Fund - Project Type	Number of Projects	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
B - Major Projects - Existing Facilities	1	5.9%	0.4%	0.4%	\$150,000	9.6%	0.3%	0.3%
C - Capital Improvement - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
D - Capital Improvement - Existing Facilities	1	5.9%	0.4%	0.4%	\$75,000	4.8%	0.1%	0.2%
E - Capital Maintenance	4	23.5%	1.4%	1.4%	\$156,800	10.0%	0.3%	0.3%
F - Rolling Stock	1	5.9%	0.4%	0.4%	\$12,000	0.8%	0.0%	0.0%
G - Equipment & Software	10	58.8%	3.5%	3.6%	\$1,171,300	74.8%	2.2%	2.4%
<b>Totals</b>	<b>17</b>	<b>100.0%</b>	<b>6.0%</b>	<b>6.1%</b>	<b>\$1,565,100</b>	<b>100.0%</b>	<b>3.0%</b>	<b>3.2%</b>

Utilities - Project Type	Number of Projects	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
B - Major Projects - Existing Facilities	1	1.8%	0.4%	0.4%	\$10,000,000	47.1%	19.1%	20.4%
C - Capital Improvement - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
D - Capital Improvement - Existing Facilities	13	23.6%	4.6%	4.6%	\$4,898,174	23.1%	9.3%	10.0%
E - Capital Maintenance	16	29.1%	5.7%	5.7%	\$3,993,620	18.8%	7.6%	8.2%
F - Rolling Stock	23	41.8%	8.2%	8.2%	\$2,162,000	10.2%	4.1%	4.4%
G - Equipment & Software	2	3.6%	0.7%	0.7%	\$160,000	0.8%	0.3%	0.3%
<b>Totals</b>	<b>55</b>	<b>100.0%</b>	<b>19.5%</b>	<b>19.6%</b>	<b>\$21,213,794</b>	<b>100.0%</b>	<b>40.4%</b>	<b>43.3%</b>

Internal Service - Project Type	Number of Projects	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
B - Major Projects - Existing Facilities	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
C - Capital Improvement - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
D - Capital Improvement - Existing Facilities	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
E - Capital Maintenance	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
F - Rolling Stock	4	66.7%	1.4%	1.4%	\$68,700	69.6%	0.1%	0.1%
G - Equipment & Software	2	33.3%	0.7%	0.7%	\$30,000	30.4%	0.1%	0.1%
<b>Totals</b>	<b>6</b>	<b>100.0%</b>	<b>2.1%</b>	<b>2.1%</b>	<b>\$98,700</b>	<b>100.0%</b>	<b>0.2%</b>	<b>0.2%</b>

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Community Service w/ DP MP - Project Type	Number of Projects	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	2	1.1%	0.7%	-	\$3,494,887	12.5%	6.7%	-
B - Major Projects - Existing Facilities	2	1.1%	0.7%	-	\$9,085,000	32.5%	17.3%	-
C - Capital Improvement - New Initiatives	6	3.2%	2.1%	-	\$578,000	2.1%	1.1%	-
D - Capital Improvement - Existing Facilities	23	12.2%	8.2%	-	\$4,140,321	14.8%	7.9%	-
E - Capital Maintenance	57	30.3%	20.2%	-	\$5,260,200	18.8%	10.0%	-
F - Rolling Stock	78	41.5%	27.7%	-	\$3,344,600	12.0%	6.4%	-
G - Equipment & Software	20	10.6%	7.1%	-	\$2,054,730	7.3%	3.9%	-
<b>Totals</b>	<b>188</b>	<b>100.0%</b>	<b>66.7%</b>	<b>-</b>	<b>\$27,957,738</b>	<b>100.0%</b>	<b>53.3%</b>	<b>-</b>

Community Service w/o DP MP - Project Type	Number of Projects	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	0	0.0%	-	0.0%	\$0	0.0%	-	0.0%
B - Major Projects - Existing Facilities	2	1.1%	-	0.7%	\$9,085,000	37.1%	-	18.6%
C - Capital Improvement - New Initiatives	6	3.2%	-	2.1%	\$578,000	2.4%	-	1.2%
D - Capital Improvement - Existing Facilities	23	12.4%	-	8.2%	\$4,140,321	16.9%	-	8.5%
E - Capital Maintenance	57	30.6%	-	20.4%	\$5,260,200	21.5%	-	10.7%
F - Rolling Stock	78	41.9%	-	27.9%	\$3,344,600	13.7%	-	6.8%
G - Equipment & Software	20	10.8%	-	7.1%	\$2,054,730	8.4%	-	4.2%
<b>Totals</b>	<b>186</b>	<b>100.0%</b>	<b>-</b>	<b>66.4%</b>	<b>\$24,462,851</b>	<b>100.0%</b>	<b>-</b>	<b>50.0%</b>

Golf - Project Type	Number of Projects	% of Venue Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of VenueTotal	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
B - Major Projects - Existing Facilities	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
C - Capital Improvement - New Initiatives	1	1.3%	0.4%	0.4%	\$60,000	1.5%	0.1%	0.1%
D - Capital Improvement - Existing Facilities	6	8.0%	2.1%	2.1%	\$1,020,000	25.2%	1.9%	2.1%
E - Capital Maintenance	17	22.7%	6.0%	6.1%	\$1,606,500	39.7%	3.1%	3.3%
F - Rolling Stock	45	60.0%	16.0%	16.1%	\$1,178,150	29.1%	2.2%	2.4%
G - Equipment & Software	6	8.0%	2.1%	2.1%	\$181,380	4.5%	0.3%	0.4%
<b>Totals</b>	<b>75</b>	<b>100.0%</b>	<b>26.6%</b>	<b>26.8%</b>	<b>\$4,046,030</b>	<b>100.0%</b>	<b>7.7%</b>	<b>8.3%</b>

Facilities - Project Type	Number of Projects	% of Venue Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of VenueTotal	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
B - Major Projects - Existing Facilities	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
C - Capital Improvement - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
D - Capital Improvement - Existing Facilities	2	13.3%	0.7%	0.7%	\$95,000	15.2%	0.2%	0.2%
E - Capital Maintenance	11	73.3%	3.9%	3.9%	\$471,260	75.6%	0.9%	1.0%
F - Rolling Stock	1	6.7%	0.4%	0.4%	\$38,500	6.2%	0.1%	0.1%
G - Equipment & Software	1	6.7%	0.4%	0.4%	\$18,900	3.0%	0.0%	0.0%
<b>Totals</b>	<b>15</b>	<b>100.0%</b>	<b>5.3%</b>	<b>5.4%</b>	<b>\$623,660</b>	<b>100.0%</b>	<b>1.2%</b>	<b>1.3%</b>

Ski w/o DP MP - Project Type	Number of Projects	% of Venue Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of VenueTotal	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
B - Major Projects - Existing Facilities	2	4.8%	0.7%	0.7%	\$9,085,000	62.9%	17.3%	18.6%
C - Capital Improvement - New Initiatives	1	2.4%	0.4%	0.4%	\$65,000	0.5%	0.1%	0.1%
D - Capital Improvement - Existing Facilities	5	11.9%	1.8%	1.8%	\$443,000	3.1%	0.8%	0.9%
E - Capital Maintenance	9	21.4%	3.2%	3.2%	\$1,707,200	11.8%	3.3%	3.5%
F - Rolling Stock	17	40.5%	6.0%	6.1%	\$1,648,850	11.4%	3.1%	3.4%
G - Equipment & Software	8	19.0%	2.8%	2.9%	\$1,494,000	10.3%	2.8%	3.1%
<b>Totals</b>	<b>42</b>	<b>100.0%</b>	<b>14.9%</b>	<b>15.0%</b>	<b>\$14,443,050</b>	<b>100.0%</b>	<b>27.5%</b>	<b>29.5%</b>



2018/2019 - 5 Year CIP Project Type Analysis - FINAL 05/23/18

Parks - Project Type	Number of Projects	% of Venue Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of VenueTotal	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
B - Major Projects - Existing Facilities	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
C - Capital Improvement - New Initiatives	3	9.7%	1.1%	1.1%	\$435,000	13.6%	0.8%	0.9%
D - Capital Improvement - Existing Facilities	6	19.4%	2.1%	2.1%	\$1,944,821	60.8%	3.7%	4.0%
E - Capital Maintenance	8	25.8%	2.8%	2.9%	\$384,140	12.0%	0.7%	0.8%
F - Rolling Stock	14	45.2%	5.0%	5.0%	\$433,300	13.6%	0.8%	0.9%
G - Equipment & Software	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
<b>Totals</b>	<b>31</b>	<b>100.0%</b>	<b>11.0%</b>	<b>11.1%</b>	<b>\$3,197,261</b>	<b>100.0%</b>	<b>6.1%</b>	<b>6.5%</b>

Tennis - Project Type	Number of Projects	% of Venue Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of VenueTotal	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
B - Major Projects - Existing Facilities	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
C - Capital Improvement - New Initiatives	1	12.5%	0.4%	0.4%	\$18,000	2.8%	0.0%	0.0%
D - Capital Improvement - Existing Facilities	1	12.5%	0.4%	0.4%	\$390,000	59.9%	0.7%	0.8%
E - Capital Maintenance	5	62.5%	1.8%	1.8%	\$234,100	35.9%	0.4%	0.5%
F - Rolling Stock	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
G - Equipment & Software	1	12.5%	0.4%	0.4%	\$9,500	1.5%	0.0%	0.0%
<b>Totals</b>	<b>8</b>	<b>100.0%</b>	<b>2.8%</b>	<b>2.9%</b>	<b>\$651,600</b>	<b>100.0%</b>	<b>1.2%</b>	<b>1.3%</b>

Recreation Center - Project Type	Number of Projects	% of Venue Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of VenueTotal	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
B - Major Projects - Existing Facilities	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
C - Capital Improvement - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
D - Capital Improvement - Existing Facilities	2	15.4%	0.7%	0.7%	\$220,000	15.8%	0.4%	0.4%
E - Capital Maintenance	7	53.8%	2.5%	2.5%	\$857,000	61.5%	1.6%	1.7%
F - Rolling Stock	1	7.7%	0.4%	0.4%	\$45,800	3.3%	0.1%	0.1%
G - Equipment & Software	3	23.1%	1.1%	1.1%	\$270,950	19.4%	0.5%	0.6%
<b>Totals</b>	<b>13</b>	<b>100.0%</b>	<b>4.6%</b>	<b>4.6%</b>	<b>\$1,393,750</b>	<b>100.0%</b>	<b>2.7%</b>	<b>2.8%</b>

Beaches - Project Type	Number of Projects	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP	Total Cost	% of Fund Total	% of CIP Total w/DP MP	% of CIP Total w/o DP MP
A - Major Projects - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
B - Major Projects - Existing Facilities	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
C - Capital Improvement - New Initiatives	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
D - Capital Improvement - Existing Facilities	7	43.8%	2.5%	2.5%	\$1,012,000	62.0%	1.9%	2.1%
E - Capital Maintenance	6	37.5%	2.1%	2.1%	\$520,600	31.9%	1.0%	1.1%
F - Rolling Stock	0	0.0%	0.0%	0.0%	\$0	0.0%	0.0%	0.0%
G - Equipment & Software	3	18.8%	1.1%	1.1%	\$100,460	6.2%	0.2%	0.2%
<b>Totals</b>	<b>16</b>	<b>100.0%</b>	<b>5.7%</b>	<b>5.7%</b>	<b>\$1,633,060</b>	<b>100.0%</b>	<b>3.1%</b>	<b>3.3%</b>

Project Type	Description
<b>New Initiative</b>	Creates new amenities or significantly expands existing facilities with new programming, operations, or capacities.
<b>Existing Facilities</b>	Maintains, renews, and re-invests in existing facilities without significantly adding new programming, operations, or capacities.
<b>Major Project</b>	A non-recurring project with scope and management complexity with a project budget greater than \$1M and a 25-year minimum asset life.
<b>Capital Improvement</b>	A non-recurring project with some scope and management complexity and a project budget generally less than \$1M.
<b>Capital Maintenance</b>	A generally recurring project at an existing facility with limited scope and management complexity and a project budget less than \$1M.
<b>Rolling Stock</b>	On-going replacement of vehicles, heavy and light duty wheeled machinery, tractors, mowers, trailers, etc.
<b>Equipment &amp; Software</b>	On-going replacement of non-rolling stock and non-building system equipment (kitchen, ski rental, uniforms, furniture, serveware, etc.), IT hardware, and software.

## 2018/2019 - 5 Year Project Summary Totals - GENERAL FUND

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total
<b>General Fund</b>								
Accounting/Information Systems	1212OE1601	Check Writer Printer Replacement - 893 Southwood Administration Building	6,000	-	-	-	-	6,000
	1213CE1101	IT Master Plan - IT Security Devices	15,000	15,000	15,000	-	-	45,000
	1213CE1501	District Wi-fi Installation Update	-	60,000	-	-	-	60,000
	1213CE1701	District Communication Radios	6,000	6,000	6,000	10,000	-	28,000
	1213CO1505	IT Infrastructure	-	132,800	91,800	92,000	-	316,600
	1213CO1703	District Wide PC, Laptops, Peripheral Equipment and Desk Top Printers	82,750	87,600	99,950	105,200	104,200	479,700
	1213CO1801	Email Security Gateway	13,000	-	-	-	-	13,000
	1213LV1721	IS&T Pick-up Truck and Cargo Unit	-	-	-	-	12,000	12,000
	<b>Total</b>		<b>122,750</b>	<b>301,400</b>	<b>212,750</b>	<b>207,200</b>	<b>116,200</b>	<b>960,300</b>
General Government	1099BD1501	Admin Roof Replacement	-	62,300	-	-	-	62,300
	1099BD1502	Upgrade Public Bathrooms at Administration for ADA Compliance	-	-	-	75,000	-	75,000
	1099BD1701	Administration Services Building	-	-	-	-	150,000	150,000
	1099BD1803	Administration Fire Panel Replacement	18,000	-	-	-	-	18,000
	1099CO1802	Digital Records Management System	75,000	-	-	-	-	75,000
	1099FF1503	Replace Carpeting 893 Southwood Admin Building	51,500	-	-	-	-	51,500
	1099LI1705	Pavement Maintenance - Administration Building	5,000	5,000	5,000	5,000	5,000	25,000
	1099OE1401	Admin Printer Copier Replacement - 893 Southwood Administration Building	-	-	-	28,000	-	28,000
	1315CO1801	Human Resource Management and Payroll Processing Software	120,000	-	-	-	-	120,000
	<b>Total</b>		<b>269,500</b>	<b>67,300</b>	<b>5,000</b>	<b>108,000</b>	<b>155,000</b>	<b>604,800</b>
	<b>Total General Fund</b>		<b>392,250</b>	<b>368,700</b>	<b>217,750</b>	<b>315,200</b>	<b>271,200</b>	<b>1,565,100</b>





## Project Summary

<b>Project Number:</b>	1212OE1601		
<b>Title:</b>	Check Writer Printer Replacement - 893 Southwood Administration Building		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	12 - Accounting		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	OE - Office Equipment		

<b>Project Description</b>	Replacement of the volume black printer located at IVGID's Administration Building. It provides processing for all Accounts Payable and Payroll checks for the District Accounting Departments. It provides magnetic ink printing on blank stock. This printer should be replaced every 5 to 7 years which is the industry standard. However, because of its dedicated use, we have expected it to last at least 10 years. On average the cost of ownership increases in the later year's as a result of increased maintenance fees. This project is for the cost of the printer only and does not include monthly maintenance charges, which is part of the District's comprehensive maintenance plan.
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<b>Project Internal Staff</b>	The District Controller oversees the purchase and routine maintenance for this printer. The IT Department administers the District contract maintenance program which also includes magnetic ink cartridges.
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<b>Project Justification</b>	The current printer was purchased in fiscal year 1998. The current volume of printing averages around 16,000 images a year. Printing is done with black ink cartridges and a special cartridge for the magnetic printing of bank information and other numbering. This is less cost than to use preprinted checks. The proposed new printer is based on industry comparisons for functionality and capacity considering the best pricing we can get from state and local contracts. As of the end of 2017, the life to date meter reading is about 500,000 images. The original estimated service life was 500,000 images. There is more chance that the machine will become obsolete for a lack of a supported operating system or inability to obtain replacement supplies, than it will wear out from use. It will not be replaced as long as it remains functional and can be serviced with supplies.
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
New Copier	6,000	0	6,000
Year Total	6,000	0	6,000
2029			
New Copier	10,800	0	10,800
Year Total	10,800	0	10,800
	<b>16,800</b>	<b>0</b>	<b>16,800</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016	Jul 1, 2018		IT Manager	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	1213CE1101	
<b>Title:</b>	IT Master Plan - IT Security Devices	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	13 - Information Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	CE - Communications Equipment	

<b>Project Description</b>				
The IT Master Plan Project Firewall/Remote Access appliances are the District's protection from outside intrusion to our internal network. This project provides for replacement of critical security & network hardware: firewall appliances and anti-spam appliance and/or other related network & internet devices to accomplish the same objective.				
<b>Project Internal Staff</b>				
IT staff will make an annual evaluation of the condition of the equipment and the operational effectiveness of the technology and related operating platforms to make a determination for replacement or upgrade.				
<b>Project Justification</b>				
In our current Internet environment outside attacks can come in many different forms and we need to keep this mission critical equipment up to date with vendor support. Firewall/Remote Access network appliance - protection from outside intrusion to our internal network and provides for remote access for District Staff and when appropriate third party providers. -Anti-spam appliance – blocks 90% of spam & viruses from reaching user email inboxes (averages 1,900+ messages/day). The industry standard life-cycle of firewall appliances is three years. In 2015 we replaced the main firewall devices through 2020. The District security devices in many places. This project is to provide for replacements of need, based on care and condition or changes in technology. The estimated project cost is for replacement of devices and a support agreement.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
IT Security Devices	15,000	0	15,000	
Year Total	15,000	0	15,000	
2020				
IT Security Devices	15,000	0	15,000	
Year Total	15,000	0	15,000	
2021				
IT Security Devices	15,000	0	15,000	
Year Total	15,000	0	15,000	
2030				
IT Security Devices	11,000	0	11,000	
Year Total	11,000	0	11,000	
2033				
IT Security Devices	11,250	0	11,250	
Year Total	11,250	0	11,250	
2036				
IT Security Devices	11,500	0	11,500	
Year Total	11,500	0	11,500	
	<b>78,750</b>	<b>0</b>	<b>78,750</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			IT Manager	



## Project Summary

<b>Project Number:</b>	1213CE1501		
<b>Title:</b>	District Wi-fi Installation Update		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	13 - Information Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	CE - Communications Equipment		

<b>Project Description</b>
Maintain installed District Wi-Fi equipment and routers in public traffic areas, using bandwidth based on available unused internal fiber Ethernet capacity. In 2015 new Wi-Fi equipment was installed to provide segregation of public traffic and District internal use lines. Public use was established where bandwidth for such public traffic can be secured & limited to have relatively low impact on the internal business network, yet provide faster and more stable public access. Replacement will consider best of breed equipment, current industry standards and user needs.

<b>Project Internal Staff</b>
Information Technology – work with 3rd party to specify, procure, install & configure equipment. Internal IT to support ongoing utilization.

<b>Project Justification</b>
Public Wi-Fi is currently provided at Admin, Rec Center, Diamond Peak, the Beaches and the Chateau & Aspen Grove via a existing connections. Service has become a standard expectation for customers. It facilitates transactions and provides additional experience and access to media for both transaction support and casual use. Wi-Fi provides critical connectivity for operations where data lines are not practical.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2020			
Equipment Refresh/Reimplmentation	60,000	0	60,000
Year Total	60,000	0	60,000
2025			
Equipment Refresh/Reimplmentation	72,000	0	72,000
Year Total	72,000	0	72,000
2030			
Equipment Refresh/Reimplmentation	84,000	0	84,000
Year Total	84,000	0	84,000
2035			
Equipment Refresh/Reimplmentation	96,000	0	96,000
Year Total	96,000	0	96,000
	<b>312,000</b>	<b>0</b>	<b>312,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
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2014			IT Manager	
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## Project Summary

<b>Project Number:</b>	1213CE1701	
<b>Title:</b>	District Communication Radios	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	13 - Information Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	CE - Communications Equipment	

<b>Project Description</b>				
Maintenance of a fleet of critical communication devices through 54 radios which are shared between venues and 25 radios that are assigned directly to venues year round. The system also requires maintaining 2 base stations.				
<b>Project Internal Staff</b>				
The IT Network Administrator deals with check in and check out between venues, coordinates annual maintenance of the radios with an outside vendor, and evaluates the care and condition of the radios over time.				
<b>Project Justification</b>				
As of 2016 34 of the radios are fairly new models. However the other 45 are a mix of older models that are anywhere from 10 to 20 years old. With technology changes as well as the need for compatibility, we should bring the entire group into a closer grouping of ages. The project works				
to make the best 15 replacements each of 3 successive years. After that time this project will consider the care and condition, along with functionality and compatibility to make necessary replacements. We can expect at least 5 years service life under normal use.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Best replacement of 15 radios	6,000	0	6,000	
Year Total	6,000	0	6,000	
2020				
Best replacement of 15 radios	6,000	0	6,000	
Year Total	6,000	0	6,000	
2021				
Best replacement of 15 radios	6,000	0	6,000	
Year Total	6,000	0	6,000	
2022				
Best replacement of 15 radios	10,000	0	10,000	
Year Total	10,000	0	10,000	
	<b>28,000</b>	<b>0</b>	<b>28,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016	Jul 1, 2016		Network Administrator	Jun 30, 2022



## Project Summary

<b>Project Number:</b>	1213CO1505	
<b>Title:</b>	IT Infrastructure	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	13 - Information Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	CO - Computer Equipment	

### Project Description

During 2014-15 the District replaced substantially all of its networks servers, switches and ancillary support equipment. Various service lives will be experienced that are likely to extend beyond the technological useful life of this equipment. Only time will tell which will dictate a replacement, based on end of life or technological incompatibility. For the purposes of this project, timing will be set by expected service life.

### Project Internal Staff

IT staff will conduct annual evaluations of the condition of equipment and the relationship of operating software and platforms to compatibility and effectiveness for how the systems are used and operated.

### Project Justification

The District has committed to building and maintaining a redundant private cloud operation. Reliable equipment utilizing current technology and operating systems is a key feature to having IT networks that supports all operations 24/7/365.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2020			
Admin (2) Sever Slaves	29,900	0	29,900
Admin Host Server	17,250	0	17,250
License SQL Server and Related CALS	50,000	0	50,000
PW (2) Server Slaves	18,400	0	18,400
PW Host Server	17,250	0	17,250
Year Total	132,800	0	132,800
2021			
21 POE Swiches	70,500	0	70,500
Admin Backbone Switch	14,600	0	14,600
PW Backbone Switch	6,700	0	6,700
Year Total	91,800	0	91,800
2022			
Admin Storage Net App	46,000	0	46,000
PW Storage Net App	46,000	0	46,000
Year Total	92,000	0	92,000
2025			
Admin (2) Sever Slaves	34,400	0	34,400

Admin Host Server	19,800	0	19,800
License SQL Server and Related CALS	50,000	0	50,000
PW (2) Server Slaves	21,200	0	21,200
PW Host Server	19,800	0	19,800
Year Total	145,200	0	145,200
2026			
21 POE Swtiches	79,000	0	79,000
Admin Backbone Switch	16,300	0	16,300
PW Backbone Switch	7,500	0	7,500
Year Total	102,800	0	102,800
2027			
21 POE Swtiches	88,500	0	88,500
Admin Backbone Switch	18,200	0	18,200
PW Backbone Switch	8,400	0	8,400
Year Total	115,100	0	115,100
2029			
Admin Storage Net App	55,600	0	55,600
PW Storage Net App	55,600	0	55,600
Year Total	111,200	0	111,200
2030			
Admin (2) Sever Slaves	39,500	0	39,500
Admin Host Server	22,800	0	22,800
License SQL Server and Related CALS	50,000	0	50,000
PW (2) Server Slaves	24,200	0	24,200
PW Host Server	22,800	0	22,800
Year Total	159,300	0	159,300
2031			
21 POE Swtiches	99,000	0	99,000
Admin Backbone Switch	20,500	0	20,500
PW Backbone Switch	9,400	0	9,400
Year Total	128,900	0	128,900
2035			
21 POE Swtiches	111,000	0	111,000
Admin (2) Sever Slaves	45,500	0	45,500
Admin Backbone Switch	22,900	0	22,900
Admin Host Server	26,000	0	26,000
License SQL Server and Related CALS	50,000	0	50,000
PW (2) Server Slaves	28,000	0	28,000
PW Backbone Switch	10,600	0	10,600

PW Host Server	26,000	0	26,000
Year Total	320,000	0	320,000
	<b>1,399,100</b>	<b>0</b>	<b>1,399,100</b>

  

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2015			IT Manager	



## Project Summary

<b>Project Number:</b>	1213CO1703	
<b>Title:</b>	District Wide PC, Laptops, Peripheral Equipment and Desk Top Printers	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	13 - Information Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	CO - Computer Equipment	

### Project Description

District wide, various offices and venue operations utilize approximately 200 personal computers, 20 laptops, at least 100 peripheral devices such as receipt printers and specialty screens and 40 desk top printers. The District supports user levels as super , basic and specialty profiles for computers and related devices. Printers for the most part are black ink for letter size images. Several do have additional features that are necessary for their particular programming such as tournaments and events. These printers were purchased with the expectation of a use life of at least 5 years. Some may be longer depending on the nature of the volume for that venue. Maintenance of the comprehensive list of printers is under one agreement.

### Project Internal Staff

The IT Technician will oversee the maintenance of these personal computers and peripheral devices, and the printers which includes the monitoring their care and condition for eventual replacement. The IT Network Administrator monitors the number of users and circumstances under which laptops and the printers are available on the network or dedicated to a user or program.

### Project Justification

The approach to replacement is to evaluate the care and condition of each item, placed into the context of program needs. When devices are shared over seasons, we also consider the number of users sharing a device. Historically PC's and peripheral have been used for up to 10 years. We are considering the future to be 5 to 7 years driven mostly by compatibility to network operating systems. We have printers that are from 1 to 18 years in service. We will continue to utilize a printer as long as it can be supported by operating systems, security, and supplies. We will match capacity needs to device type and look for opportunities to convert multiple devices to "all-in-ones" to eliminate individual faxes and scanners. Each proposed replacement device will be based on industry comparisons for functionality and capacity as well as compatibility with the existing machines to maintain the benefits of scale and volume for the service and supply purchases. We have small, medium and large printer devices ranging in price at \$250, \$500 and \$900.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2019			
Laptops 2 greatest need replacements	3,450	0	3,450
Peripheral Specialty Printers, Scanners and Screens	16,000	0	16,000
Personal computers and software 46 greatest need replacements	58,900	0	58,900
Printers greatest need 5 replacements	4,400	0	4,400
Year Total	82,750	0	82,750
2020			
Laptops 2 greatest need replacements	3,600	0	3,600
Peripheral Specialty Printers, Scanners and Screens	16,500	0	16,500

Personal computers and software 46 greatest need replacements	62,900	0	62,900
Printers greatest need 5 replacements	4,600	0	4,600
Year Total	87,600	0	87,600
2021			
Laptops 2 greatest need replacements	3,750	0	3,750
Laptops 5 greatest need replacements	7,500	0	7,500
Peripheral Specialty Printers, Scanners and Screens	17,000	0	17,000
Personal computers and software 46 greatest need replacements	66,900	0	66,900
Printers greatest need 5 replacements	4,800	0	4,800
Year Total	99,950	0	99,950
2022			
Laptops 2 greatest need replacements	4,000	0	4,000
Laptops 5 greatest need replacements	7,800	0	7,800
Peripheral Specialty Printers, Scanners and Screens	17,500	0	17,500
Personal computers and software 46 greatest need replacements	70,900	0	70,900
Printers greatest need 5 replacements	5,000	0	5,000
Year Total	105,200	0	105,200
2023			
Laptops 5 greatest need replacements	8,100	0	8,100
Peripheral Specialty Printers, Scanners and Screens	18,000	0	18,000
Personal computers and software 46 greatest need replacements	72,900	0	72,900
Printers greatest need 5 replacements	5,200	0	5,200
Year Total	104,200	0	104,200
2024			
Laptops 5 greatest need replacements	8,400	0	8,400
Peripheral Specialty Printers, Scanners and Screens	18,500	0	18,500
Personal computers and software 46 greatest need replacements	76,900	0	76,900



Printers greatest need 5 replacements	5,400	0	5,400		
Year Total	109,200	0	109,200		
2025					
Laptops 5 greatest need replacements	8,700	0	8,700		
Peripheral Specialty Printers, Scanners and Screens	19,000	0	19,000		
Personal computers and software 46 greatest need replacements	80,900	0	80,900		
Printers greatest need 5 replacements	5,600	0	5,600		
Year Total	114,200	0	114,200		
2026					
Laptops 5 greatest need replacements	9,000	0	9,000		
Peripheral Specialty Printers, Scanners and Screens	19,500	0	19,500		
Personal computers and software 46 greatest need replacements	84,900	0	84,900		
Printers greatest need 5 replacements	5,800	0	5,800		
Year Total	119,200	0	119,200		
	<b>822,300</b>	<b>0</b>	<b>822,300</b>		
Year Identified	Start Date	Project Partner	Manager	Est. Completion Date	
2016			IT Technician		



## Project Summary

<b>Project Number:</b>	1213CO1801	
<b>Title:</b>	Email Security Gateway	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	13 - Information Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	CO - Computer Equipment	

<b>Project Description</b>				
Acquire hardware and multi-year support agreement for external and in bound email traffic security and encryption.				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Purchase of Equipment	8,000	0	8,000	
Three year support agreement	5,000	0	5,000	
Year Total	13,000	0	13,000	
	<b>13,000</b>	<b>0</b>	<b>13,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Director of IT	



## Project Summary

<b>Project Number:</b>	1213LV1721		
<b>Title:</b>	IS&T Pick-up Truck and Cargo Unit		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	13 - Information Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project covers the replacement of IS&T Pick-up Truck. This vehicle provides capabilities to meet off-season service trips to Snow Flake Lodge for radio and wireless service. The current pick-up (Unit #467) a 1/2 ton pickup was transferred from the Treatment Division at Utilities and has a cargo unit that can handle quantities of cable and ladders. The cargo unit can be moved from truck to truck as it's service life exceeds that of the second assignment vehicles which will meet the needs of this application.				
<b>Project Internal Staff</b>				
Fleet and IS&T will collaborate in the procurement and set-up of this vehicle.				
<b>Project Justification</b>				
The scheduled replacement of this vehicle normally would be subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Given the needs for an ability to navigate more difficult terrain, this replacement is designed to utilize a second assignment vehicle transferred from Utilities. Depending on condition, the cargo unit will transferred to the new vehicle.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
Second Assignment Vehicle and Cargo Unit	12,000	0	12,000	
Year Total	12,000	0	12,000	
	<b>12,000</b>	<b>0</b>	<b>12,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2012		Fleet Superintendent	Jul 1, 2013



## Project Summary

<b>Project Number:</b>	1099BD1501		
<b>Title:</b>	Admin Roof Replacement		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	99 - Gen Admin - General Gov.		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
<p>Various areas of the Admin Building roof are beginning to show wear especially along the peak and some shaded south facing slopes that traditionally hold snow. Shingles and membrane have been replaced in several areas. This project has been deferred several years pending the replacement of the Facility.</p>				
<b>Project Internal Staff</b>				
Buildings Staff will supervise and inspect project.				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Administration Building asset and customer service.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Construction	50,000	0	50,000	
Contingency	5,500	0	5,500	
Internal Services	6,800	0	6,800	
Year Total	62,300	0	62,300	
	<b>62,300</b>	<b>0</b>	<b>62,300</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	1099BD1502		
<b>Title:</b>	Upgrade Public Bathrooms at Administration for ADA Compliance		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - Gen Admin - General Gov.		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

### Project Description

The publicly accessible bathrooms in the Administration Building are currently not ADA compliant. Bringing them up to code would require the hallway entrance to the bathrooms as well as the hallway be widened. Both bathroom doors and frames would also need to be replaced to meet present codes. Counter tops, sink hardware, toilets and urinals all would be upgraded and moved. The two existing stalls in the women's bathroom would be remodeled to become a single stall enclosure. The men's bathroom back wall would have to be demoed, reconfigured and moved into the kitchen to gain the extra space that codes require, additionally it would necessitate the re-plumbing and rewiring of the kitchen.

### Project Internal Staff

Buildings Staff will supervise and inspect

### Project Justification

This project is to remodel the existing public bathroom facilities at Administration and upgrade them to meet Federal ADA regulations. This project will only be completed should the District continue to postpone a Replacement Administration Building Project.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2022			
Construction	54,500	0	54,500
Contingency	7,500	0	7,500
Design & Engineering	8,500	0	8,500
Internal Services	3,400	0	3,400
Permitting	1,100	0	1,100
Year Total	75,000	0	75,000
	<b>75,000</b>	<b>0</b>	<b>75,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	1099BD1701		
<b>Title:</b>	Administration Services Building		
<b>Asset Class:</b>	B - Major Projects - Existing Facilities		
<b>Division:</b>	99 - Gen Admin - General Gov.		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
The District Administration Services Building houses the Board of Trustees and the Clerk to the Board, the General Manager, Human Resources, Finance and Accounting, Risk Management, Information Technology, as well as provides community support. Community activities include Board meetings and workshops, public hearings and events, plus promoting community organization and supporting health and wellness. Private groups occasionally use facilities for HOA meetings, etc.				
<b>Project Internal Staff</b>				
This project has been managed by the members of the Capital Projects Committee. It is in response to operational needs and opportunities to coordinate the solution with other plans and projects. The Engineering Manager will continue to take the lead on scoping the project, while the Director of Finance will work on the possibilities or forms of financing and other alternative solutions such as leasing or buying an existing facility.				
<b>Project Justification</b>				
The current Administrative Services Building is one of the original structures built by the District. It is over 50 years old. The configuration over the years have changed and many spaces are not a good match to the operational needs of the departments housed in the building. In particular the computer server room does not have the proper conditions for operating and securing the substantial investment for needed for District electronics. The Americans with Disabilities Act audit concluded the facility does not meet requirement for either the public or employees. A replacement is the only reasonable planned action.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
Design	125,000	0	125,000	
Internal Services	25,000	0	25,000	
Year Total	150,000	0	150,000	
2024				
Construction	3,200,000	0	3,200,000	
Year Total	3,200,000	0	3,200,000	
	<b>3,350,000</b>	<b>0</b>	<b>3,350,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013			Director of Asset Management	



## Project Summary

<b>Project Number:</b>	1099BD1803		
<b>Title:</b>	Administration Fire Panel Replacement		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	99 - Gen Admin - General Gov.		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Replacement of current Fire Panel with a current up to code unit that has the ability to give fire department pinpoint locations in the event of a facility fire. The project will address incomplete building coverage with additional strobes and smoke detectors.				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
During this year's Fire Inspections both the Fire Marshall and alarm rep. suggested an update to current system that is currently at the end of its life span and not up to date with its ability to give detailed information to the Fire Department on fire locations inside of the facility.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Administration Fire Panel Replacement	14,000	0	14,000	
Contingency	3,000	0	3,000	
Internal Services	1,000	0	1,000	
Year Total	18,000	0	18,000	
	<b>18,000</b>	<b>0</b>	<b>18,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	1099CO1802		
<b>Title:</b>	Digital Records Management System		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	10 - General Manager		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	CO - Computer Equipment		

**Project Description**  
 The District is in the process of updating its records retention policy and procedures. As a part of that process, it is clear some sort of automated system is required to adequately manage the volume of documents that under these policies and procedures. This project would be further refined to meet needs under the updated Retention Policy that can not be met with current staffing and systems.

**Project Internal Staff**  
 The entire Senior Team would be involved with developing the scope of the project and likely follow through by reviewing and selecting the system to be implemented. The Policy itself is under the supervision of the District Clerk.

**Project Justification**  
 The sheer volume of documents and the nature of how many are generated electronically already, indicates that a digital system is necessary. These systems have matured a great deal over the last five years. The District anticipates a full and complete study of needs, potential vendors and review of alternatives. The inherent magnitude of the process and the system requires makes these systems expensive to setup and to a much lesser cost to maintain. Admittedly at this point the current budget budget is a placeholder until further study can be accomplished. However, time is of the essence to be ready to act.

<b>Forecast</b>			
Budget Year	Total Expense	Total Revenue	Difference
2019			
Estimate for implementation of business rules, integration of system and retention for 40 Departments	40,000	0	40,000
Estimate for implementation of general system	10,000	0	10,000
Estimate on Software and related devices for 40 Departments	25,000	0	25,000
Year Total	<u>75,000</u>	<u>0</u>	<u>75,000</u>
	<b>75,000</b>	<b>0</b>	<b>75,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2017	Jul 1, 2018			Nov 1, 2018





## Project Summary

<b>Project Number:</b>	1099FF1503		
<b>Title:</b>	Replace Carpeting 893 Southwood Admin Building		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	99 - Gen Admin - General Gov.		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	FF - Furniture and Fixtures		

<b>Project Description</b>	<p>The carpet in the Administration Building was installed 2007. The normal life cycle for a high use venue is 5/6 years. The carpets have been maintained on a regular basis which has extended the life but wear spots are showing, as well as stains which are now permanent. The District's inventory of replacement carpet tiles has been depleted and additional matching product is no longer available from the manufacturer. Carpet replacement is on a 6/7 year replacement cycle. Estimate done by 3rd party contractor</p>
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<b>Project Internal Staff</b>	<p>Buildings Staff will assist in removal of desks and other fixtures as well as bringing them back into the facility Staff will supervise and inspect contractor. Staff will supervise and inspect contractor installation project.</p>
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<b>Project Justification</b>	<p>The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Administration Building asset and customer service. Implementation of this project may not occur depending on the District's plans for replacement of the building.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Carpet	40,000	0	40,000
Contingency	4,000	0	4,000
Internal Services	7,500	0	7,500
Year Total	51,500	0	51,500
	<b>51,500</b>	<b>0</b>	<b>51,500</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	1099LI1705	
<b>Title:</b>	Pavement Maintenance - Administration Building	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	99 - Gen Admin - General Gov.	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

<b>Project Description</b>				
Continued maintenance and repair of the Administration Building Parking Lot. This area includes approximately 33,000 sf of pavement. Engineering maintains a database of this and other facilities for pavement conditions, past projects and forecasts long-term maintenance and replacement needs.				
<b>Project Internal Staff</b>				
Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.				
<b>Project Justification</b>				
Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerates deterioration. The Administration Building parking lot is past its expected life and is showing signs of pavement failure. Due to the uncertainty of the future of the Administration Building only minimal repairs are budgeted for safety purposes. Due the poor condition frequent repairs are anticipated. Repairs have been needed annually since 2015 mainly due to winter damage.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Safety Repairs	5,000	0	5,000	
Year Total	5,000	0	5,000	
2020				
Safety Repairs	5,000	0	5,000	
Year Total	5,000	0	5,000	
2021				
Safety Repairs	5,000	0	5,000	
Year Total	5,000	0	5,000	
2022				
Safety Repairs	5,000	0	5,000	
Year Total	5,000	0	5,000	
2023				
Safety Repairs	5,000	0	5,000	
Year Total	5,000	0	5,000	
2024				
Safety Repairs	5,000	0	5,000	
Year Total	5,000	0	5,000	
2025				
Safety Repairs	5,000	0	5,000	
Year Total	5,000	0	5,000	
2026				
Safety Repairs	5,000	0	5,000	
Year Total	5,000	0	5,000	
2027				
Safety Repairs	5,000	0	5,000	
Year Total	5,000	0	5,000	
	<b>45,000</b>	<b>0</b>	<b>45,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>

2016	Jul 1, 2016		Senior Engineer	Jun 30, 2017
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## Project Summary

<b>Project Number:</b>	1099OE1401		
<b>Title:</b>	Admin Printer Copier Replacement - 893 Southwood Administration Building		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	99 - Gen Admin - General Gov.		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	OE - Office Equipment		

<b>Project Description</b>	Replacement of the large color/black copier located at IVGID's Administration Building. It provides processing for all Executive and Board of Trustees items. It is used for color copying for Community Communications, HR and Accounting. It provides color copying for other venues that do not have this capacity. This copier should be replaced every four to five years which is the industry standard. On average the cost of ownership increases after the fifth year as a result of increased maintenance fees. This CIP is for the cost of the copier only and does not include monthly maintenance charges, which is part of the District's comprehensive maintenance plan.
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<b>Project Internal Staff</b>	The District Executive Assistant oversees the purchase and routine maintenance for this copier/printer. IT manages the District contract maintenance program.
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<b>Project Justification</b>	The current volume copied/printed on this device averages around 40,000 a month with most of the volume being for Board of Trustees agendas and minutes. The Xerox WorkCentre was replaced in fiscal year 2017-2018. Life cycle is 2,000,000 images. The current Xerox C70 was put into service December 2017. Proposed new copier- will be based on industry comparisons for functionality and capacity considering the best pricing we can get from state and local contracts.
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<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
New Copier	28,000	0	28,000	
Year Total	28,000	0	28,000	
2024				
New Copier	32,500	0	32,500	
Year Total	32,500	0	32,500	
2029				
New Copier	35,000	0	35,000	
Year Total	35,000	0	35,000	
2034				
New Copier	37,500	0	37,500	
Year Total	37,500	0	37,500	
	<b>133,000</b>	<b>0</b>	<b>133,000</b>	

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2022		Director of Information Technology	Jul 31, 2022



## Project Summary

<b>Project Number:</b>	1315CO1801		
<b>Title:</b>	Human Resource Management and Payroll Processing Software		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	15 - Human Resources		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	CO - Computer Equipment		

<b>Project Description</b>					
TBD					
<b>Project Internal Staff</b>					
TBD					
<b>Project Justification</b>					
TBD					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2019					
Contingency for installation	20,000	0	20,000		
Software licensing and Implementation	100,000	0	100,000		
Year Total	120,000	0	120,000		
	<b>120,000</b>	<b>0</b>	<b>120,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2015	Jul 1, 2018		Director of Human Resources	Jun 30, 2019	

## 2018/2019 - 5 Year Project Summary Totals - UTILITIES

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total
<b>Utilities</b>								
Public Works Shared	2097BD1202	Paint Interior Building #A	-	43,300	-	-	-	43,300
	2097BD1204	New Carpet Building #A	-	-	43,820	-	-	43,820
	2097BD1704	Replace Roof Public Works #B	-	-	-	105,000	-	105,000
	2097BD1802	Household Hazardous Waste Building Improvements	-	15,000	150,000	-	-	165,000
	2097CO2101	Public Works Billing Software Replacement	-	-	-	102,000	-	102,000
	2097DI1401	Adjust Utility Facilities in NDOT/Washoe County Right of Way	60,000	60,000	60,000	60,000	60,000	300,000
	2097HE1725	Loader Tire Chains	-	-	-	9,900	9,900	19,800
	2097HE1729	2002 Caterpillar 950G Loader #523	-	-	-	265,000	-	265,000
	2097HE1730	2002 Caterpillar 950G Loader #525	-	-	-	-	265,000	265,000
	2097HE1751	2013 Trackless Snowblower #687	-	-	-	-	160,000	160,000
	2097HE1752	2001 105KW Mobile Generator #313	-	-	-	-	50,000	50,000
	2097HV1732	2010 International Vactor Truck #638	430,000	-	-	-	-	430,000
	2097HV1754	1996 Peterbilt Dump Truck #299	-	75,000	-	-	-	75,000
	2097HV1755	2001 Peterbilt Bin Truck #468	-	-	-	190,000	-	190,000
	2097LE1720	Snowplow #300A	-	-	-	18,000	-	18,000
	2097LE1721	Snowplow #307A	-	-	-	-	18,000	18,000
	2097LE1722	Slurry Liquidator #326	-	-	-	41,000	-	41,000
	2097LE1724	2015 Sander/Spreader #710	-	20,000	-	-	-	20,000
	2097LI1401	Pavement Maintenance, Utility Facilities	12,500	105,000	239,000	12,500	12,500	381,500
	2097LI1701	Pavement Maintenance, Reservoir 3-1 WPS 4-2/5-1	-	-	10,000	165,000	-	175,000
	2097LV1733	2009 Chevrolet Mid Size Pick-up #630 Compliance Dept.	30,000	-	-	-	-	30,000
	2097LV1738	2009 Chevrolet 1/2 Ton Pick-up Truck #631	-	30,000	-	-	-	30,000
	2097LV1739	2009 Chevrolet 1/2 Ton Pick-up Truck #632 Engineering Dept.	-	30,000	-	-	-	30,000
	2097LV1740	2012 Extend-A-Cab Pick-up #678 Pipeline Dept.	-	-	-	-	32,000	32,000
	2097LV1744	2012 1-Ton Service Truck w/ Liftgate #668 Treatment	-	-	-	-	43,000	43,000
	2097LV1746	2004 GMC 1-Ton Flatbed #542 Pipeline Dept.	-	-	46,000	-	-	46,000
	2097LV1747	2008 Chevrolet Service Truck #609 Meter Truck	-	36,000	-	-	-	36,000
	2097LV1749	2011 Chevrolet Service Truck #647 Treatment	-	-	45,000	-	-	45,000
	2097SS1708	WRRF Crew Quarters	153,174	-	-	-	-	153,174
	<b>Total</b>		<b>685,674</b>	<b>414,300</b>	<b>593,820</b>	<b>968,400</b>	<b>650,400</b>	<b>3,312,594</b>
Water	2299DI1102	Water Pumping Station Improvements	115,000	85,000	50,000	50,000	50,000	350,000
	2299DI1103	Replace Commercial Water Meters, Vaults and Lids	40,000	40,000	40,000	40,000	40,000	200,000
	2299DI1204	Water Reservoir Coatings and Site Improvements	40,000	85,000	85,000	55,000	75,000	340,000
	2299DI1401	Burnt Cedar Water Disinfection Plant Improvements	100,000	75,000	25,000	25,000	25,000	250,000
	2299DI1701	Water Reservoir Safety and Security Improvements	200,000	-	-	-	-	200,000
	2299DI1702	Water Pump Station 2-1 Improvements	700,000	-	300,000	-	-	1,000,000
	2299DI1707	Burnt Cedar Water Disinfection Plant Emergency Generator Fuel Tank Upgrades	-	175,000	-	-	-	175,000
	2299LV1720	2013 Mid Size Truck #675 Compliance	-	-	-	31,000	-	31,000
	2299WS1704	Watermain Replacement - Martis Peak Road	-	50,000	625,000	-	-	675,000
	2299WS1705	Watermain Replacement - Crystal Peak Road	-	-	-	50,000	845,000	895,000
	2299WS1706	Watermain Replacement - Rifle Pk Ct, Slott Pk Ct	-	-	50,000	325,000	-	375,000
	2299WS1801	Leak Study R2-1 14inch Steel	65,000	-	-	-	-	65,000
	2299WS1802	Watermain Replacement - Alder Avenue	50,000	465,000	-	-	-	515,000
	2299WS1804	R6-1 Tank Road Construction	-	5,000	15,000	110,000	-	130,000
	<b>Total</b>		<b>1,310,000</b>	<b>980,000</b>	<b>1,190,000</b>	<b>686,000</b>	<b>1,035,000</b>	<b>5,201,000</b>
Sewer	2523HE1721	2006 Kenworth T800 Bin truck #587	-	-	-	197,200	-	197,200
	2524SS1010	Effluent Export Line - Phase II	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
	2599BD1105	Building Upgrades Water Resource Recovery Facility	-	80,000	40,000	25,000	50,000	195,000
	2599BD1802	Treatment Plant Fire Panel Replacement	65,000	-	-	-	-	65,000

## 2018/2019 - 5 Year Project Summary Totals - UTILITIES

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total
	2599DI1104	Sewer Pumping Station Improvements	55,000	50,000	30,000	30,000	30,000	195,000
	2599DI1703	Sewer Pump Station #1 Improvements	100,000	-	-	-	-	100,000
	2599SS1102	Water Resource Recovery Facility Improvements	120,000	75,000	75,000	75,000	75,000	420,000
	2599SS1103	Wetlands Effluent Disposal Facility Improvements	100,000	100,000	100,000	100,000	100,000	500,000
	2599SS1203	Replace & Reline Sewer Mains, Manholes and Appurtenances	80,000	80,000	55,000	160,000	55,000	430,000
	2599SS1702	WRRF Biosolids Bins	60,000	30,000	-	-	-	90,000
	2599SS1707	WRRF Aeration System Improvements	100,000	350,000	-	-	-	450,000
	2599SS2107	Update Camera Equipment	-	58,000	-	-	-	58,000
	<b>Total</b>		<b>2,680,000</b>	<b>2,823,000</b>	<b>2,300,000</b>	<b>2,587,200</b>	<b>2,310,000</b>	<b>12,700,200</b>
		<b>Total Utilities</b>	<b>4,675,674</b>	<b>4,217,300</b>	<b>4,083,820</b>	<b>4,241,600</b>	<b>3,995,400</b>	<b>21,213,794</b>





## Project Summary

<b>Project Number:</b>	2097BD1202	
<b>Title:</b>	Paint Interior Building #A	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	97 - Public Works Shared	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

**Project Description**

This project is the periodic painting at the Public Works Facility Building A. Many areas of the facility are damaged, dirty and stained from usage and age. Touch up paint and repairs have been made to the interior walls of the Buildings to maintain the general appearance of the Facility. However, as more touch up is completed different shades of the same paint become visible due to age of the existing paint. By repairing the damaged areas and painting the entire faculty interior it improves what will become a customer service issue, if not addressed and the appearance and further protects the overall interior. This project is on a 5-year cycle.

**Project Internal Staff**

Buildings Staff will supervise and inspect project

**Project Justification**

The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Public Works asset and customer service.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2020			
Contingency	700	0	700
Internal Services	3,400	0	3,400
Painting	39,200	0	39,200
Year Total	43,300	0	43,300
2025			
Contingency	5,000	0	5,000
Internal Services	750	0	750
Painting	44,000	0	44,000
Year Total	49,750	0	49,750
2030			
Contingency	6,200	0	6,200
Internal Services	1,000	0	1,000
Painting	49,000	0	49,000
Year Total	56,200	0	56,200
	<b>149,250</b>	<b>0</b>	<b>149,250</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
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2012	Oct 1, 2014		Buildings Superintendent	Oct 31, 2014
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## Project Summary

<b>Project Number:</b>	2097BD1204		
<b>Title:</b>	New Carpet Building #A		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>
<p>This project is the periodic carpet replacement in Public Works Building A. The normal life cycle for a high use venue is 5/6 years. The carpets is maintained on a regular basis which extends the life but wear spots as well as stains and permanent damage eventually necessitates replacement.</p> <p>Work to be scheduled around busy periods to avoid interruption of work.</p>

<b>Project Internal Staff</b>
<p>Staff will supervise and inspect project. Staff will assist contractor in moving furniture to facilitate a smooth installation.</p>

<b>Project Justification</b>
<p>The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Public Works Building A asset and customer service.</p>

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2021			
Carpet	38,500	0	38,500
Contingency	4,700	0	4,700
Internal Services	620	0	620
Year Total	43,820	0	43,820
2028			
Carpet	43,200	0	43,200
Contingency	5,300	0	5,300
Internal Services	620	0	620
Year Total	49,120	0	49,120
	<b>92,940</b>	<b>0</b>	<b>92,940</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Oct 1, 2013		Buildings Superintendent	Oct 31, 2013



## Project Summary

<b>Project Number:</b>	2097BD1704		
<b>Title:</b>	Replace Roof Public Works #B		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Replace roof on Public Works Building B				
<b>Project Internal Staff</b>				
Staff will contract out the design, removal and construction of the replacement roof. Staff will inspect during the construction phase.				
<b>Project Justification</b>				
The roof on Building B has been patched and leaks and has been repaired numerous times over the past several years. The roof is approximately twenty years old and has reached its anticipated life expectancy. A new roof will extend the useful life of the building.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Contingency	9,000	0	9,000	
Internal Sevices	6,000	0	6,000	
Replace Roof PW #B	90,000	0	90,000	
Year Total	105,000	0	105,000	
	<b>105,000</b>	<b>0</b>	<b>105,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017	Jul 1, 2017		Buildings Superintendent	Nov 30, 2017



## Project Summary

<b>Project Number:</b>	2097BD1802		
<b>Title:</b>	Household Hazardous Waste Building Improvements		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Replacement of substandard 20-year-old existing trailer with designated hazardous waste pre-fab building. It would include moving the existing structure to a new location at public works. Enhance safety features would include power, fire suppression, lighting, hardwire ventilation, possibly water and other.				
<b>Project Internal Staff</b>				
Engineering Division with support from Waste Not Staff				
<b>Project Justification</b>				
The Resource Conservation and Recovery Act (RCRA) is the public law that creates the framework for the proper management of hazardous and non-hazardous solid waste.				
IVGID Public Works' Waste Not Program runs a 1) Household Hazardous Waste (HHW) RCRA Subtitle C permit exempt program for community hazardous waste materials, and 2) a RCRA Subtitle C Small Quantity generator program for District waste.				
The current structures(s) were not designed for chemical storage use. The 20' x 8' HHW community trailer was adapted for use from a leftover mobile storage container. It has seen 20 years of service and is in need of standard safety upgrades.				
The District waste is stored in a new, mobile container, not designed for chemical storage. There is no electricity to the containers. There is no fire suppression in the containers. The solar ventilation that has been added to the larger, older container is inadequate for continuous ventilation. Roof leaks are appearing creating icy and wet conditions inside the larger container. The current larger unit is inadequate in size for the material collected each month. Battery storage needs location and safety improvements. In the past 10 years there have been 2 incidents of potential fire from battery storage issues. Replacement with a properly sized container specifically designed for chemical storage will improve environmental safety for site and staff. District waste can be commingled into the community waste with designated labeling. The project idea is to purchase a 30' x 8' designated chemical storage pre-fabricated building. Designated metal cabinetry would be used inside the building for improved sorting/ storage over current drum storage. The newer 10'x8' District waste storage container would be reconfigured with shelving for collection of latex paint and oil based paints, only.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Design	15,000	0	15,000	
Year Total	15,000	0	15,000	
2021				
Construction	150,000	0	150,000	
Year Total	150,000	0	150,000	
	<b>165,000</b>	<b>0</b>	<b>165,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Principal Engineer	



## Project Summary

<b>Project Number:</b>	2097CO2101		
<b>Title:</b>	Public Works Billing Software Replacement		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	CO - Computer Equipment		

### Project Description

The District has used Data West billing software to bill 4,200 utility accounts since 1993. This software is mission critical for billing and customer service in Public Works. This project is for the scheduled replacement of the Public Works billing software. The billing software is used as a customer service interface for billing, backflow and meter reading information. It also provides online customer access to account information and enables ebill/epay functionality for customers. Customer information is also linked to the GIS system so data can be viewed by District staff in the field.

Billing, Online Account Access and GIS software upgrades will need to include customization of reporting and automated processes, integration with meter reading software, integration with electronic deposit software, integration with statement processing, integration with GIS, integration with the asset management system, integration with District accounting system, and hiring temporary staff to assist with transition.

### Project Internal Staff

Public Works Administrative Manager

### Project Justification

The contract for the current billing system, BillMaster 6, has been in place since December 2002. The contract for WebShare (A.K.A. Online Account Access) has been in place since September 2013 and GIS services since October 2013. The contracts for each of these systems include a SystemCare maintenance agreement to keep up with changes in software functionality, but the software will need replacement to keep up with technology changes in the customer service and billing software functionality. Changes in meter technology could necessitate a change in billing software. It is expected that a full version software upgrade to Billmaster (date unknown) will require a capital outlay. This software will be moved in the CIP budget if indicators warrant change in the replacement schedule.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2022			
Public Works Billing Software	102,000	0	102,000
Year Total	102,000	0	102,000
	<b>102,000</b>	<b>0</b>	<b>102,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2016	Jul 1, 2020		Public Works Administrative Manager	Jun 30, 2021



## Project Summary

<b>Project Number:</b>	2097DI1401		
<b>Title:</b>	Adjust Utility Facilities in NDOT/Washoe County Right of Way		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	DI - Distribution Infrastructure		

**Project Description**

Adjust manholes and valve box covers in public streets in conjunction with Washoe County, RTC and Nevada Department of Transportation (NDOT) projects, including Environmental Improvement Projects (EIP). The scope of annual projects are not known until spring of each year and is based on the Washoe County Public Works, RTC and NDOT preliminary estimates of work. In addition to the valves and manholes within Washoe County's project limits, IVGID will adjust some of the miscellaneous valves and manholes that are out of specifications if discovered. On occasion, NDOT and County projects can require utility relocation of a scope beyond simply adjusting manholes and valve box covers. The budget provided in this data sheet will also be utilized to cover the design costs associated with utility relocation on such projects.

**Project Internal Staff**

Engineering will do the contract administration, bidding, and inspection. Work is done by outside contractors.

**Project Justification**

As a requirement of our use of public rights-of-way for Utility improvements the District must adjust our structures to comply with the requirements of public infrastructure projects. Washoe County's CIP includes money for road and EIP work in Incline Village and Crystal Bay generally every year. In prior years, the District has spent between \$30,000 and \$70,000 each year to complete this work. Certain projects can include complete relocation of sewer and water mains to avoid conflict with the infrastructure to be installed by the County or NDOT.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
<b>2019</b>			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
<b>2020</b>			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
<b>2021</b>			
Internal Services	10,000	0	10,000

Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
2022			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
2023			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
2024			
Internal Services	10,000	0	10,000
NDOT projects	100,000	0	100,000
Raise Manholes & Valve Boxes	5,000	0	5,000
Washoe County projects	10,000	0	10,000
Year Total	125,000	0	125,000
2025			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
2026			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
2027			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
2028			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000



Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
2029			
Internal Services	10,000	0	10,000
NDOT projects	100,000	0	100,000
Raise Manholes & Valve Boxes	5,000	0	5,000
Washoe County projects	100,000	0	100,000
Year Total	215,000	0	215,000
2030			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
2031			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
2032			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
2033			
Internal Services	10,000	0	10,000
Raise Manholes & Valve Boxes	15,000	0	15,000
Washoe County projects	35,000	0	35,000
Year Total	60,000	0	60,000
2034			
Internal Services	10,000	0	10,000
Washoe County projects	50,000	0	50,000
Year Total	60,000	0	60,000
2035			
Internal Services	10,000	0	10,000
Washoe County projects	50,000	0	50,000
Year Total	60,000	0	60,000
2036			
Internal Services	10,000	0	10,000

Washoe County projects	50,000	0	50,000
Year Total	60,000	0	60,000
	<b>1,300,000</b>	<b>0</b>	<b>1,300,000</b>

  

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Senior Engineer	



## Project Summary

<b>Project Number:</b>	2097HE1725		
<b>Title:</b>	Loader Tire Chains		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>				
2-sets of loader tire chains, utilized by the Public Works Cat 950G wheel loaders (#523, #525). These chains are necessary for the safe operation of the loaders during the winter snow removal season. These chains are on a 4-year replacement schedule.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff				
<b>Project Justification</b>				
These chains are necessary for the safe operation of the loaders during the winter snow removal season.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Loader Tire Chains (3-Sets)	9,900	0	9,900	
Year Total	9,900	0	9,900	
2023				
Loader Tire Chains (3-Sets)	9,900	0	9,900	
Year Total	9,900	0	9,900	
2026				
Loader Tire Chains (3-Sets)	20,700	0	20,700	
Year Total	20,700	0	20,700	
2030				
Loader Tire Chains (3-Sets)	21,600	0	21,600	
Year Total	21,600	0	21,600	
	<b>62,100</b>	<b>0</b>	<b>62,100</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	2097HE1729		
<b>Title:</b>	2002 Caterpillar 950G Loader #523		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>				
This project is for the scheduled replacement of the Utility Division Cat 950G wheel loader. This loader is on a 13-year replacement cycle subject to equipment operating hours, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. The loader will be moved back in the CIP replacement program if indicators reveal no increased equipment down time or elevated maintenance cost will result by deferring the replacement date.				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
This loader, with snow plow, is critical to the winter operation of the Public Works Department for snow removal at all water reservoirs, sewer and water pump stations, Ski Resort, Recreation Center, Chateau and all golf facilities to protect revenue and provide safe access for customers, residents and staff. Additionally both Pipeline and Treatment Plants staff utilize this loader for summer maintenance and repairs required on the water distribution and waste water collection systems and the wetlands facility, for road and dike maintenance and repair.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Caterpillar Loader	265,000	0	265,000	
Year Total	265,000	0	265,000	
	<b>265,000</b>	<b>0</b>	<b>265,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2020		Fleet Superintendent	Sep 30, 2022



## Project Summary

<b>Project Number:</b>	2097HE1730		
<b>Title:</b>	2002 Caterpillar 950G Loader #525		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>				
This project is for the scheduled replacement of the Utility Division Cat 950G wheel loader. This loader is on a 13-year replacement cycle subject to equipment operating hours, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. The loader will be moved back in the CIP replacement program if indicators reveal no increased equipment down time or elevated maintenance cost will result by deferring the replacement date.				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
This loader, with snow plow, is critical to the winter operation of the Public Works Department for snow removal at all water reservoirs, sewer and water pump stations, Ski Resort, Recreation Center, Chateau and all golf facilities to protect revenue and provide safe access for customers, residents and staff. Additionally both Pipeline and Treatment Plants staff utilize this loader for summer maintenance and repairs required on the water distribution and waste water collection systems and the wetlands facility, for road and dike maintenance and repair.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
2002 Caterpillar 950G Loader	265,000	0	265,000	
Year Total	265,000	0	265,000	
	<b>265,000</b>	<b>0</b>	<b>265,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2023		Fleet Superintendent	Sep 30, 2023



## Project Summary

<b>Project Number:</b>	2097HE1751		
<b>Title:</b>	2013 Trackless Snowblower #687		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>				
Scheduled replacement of IVGID Public Works snow blower #552, by the Fleet Division. This equipment is necessary for blowing large accumulations of snow where smaller equipment is not able to handle the job. Specifically utilized to widen parking lots for increased parking capacity, roadways for safer operation and keeping water reservoir roads and sewer and water pump stations open for maintenance and repairs. Presently this is the only equipment the District owns that is able to access the tight areas, for snow removal, around the Chateau entrance. This snow blower is on a 8-year replacement schedule subject to accumulated hours, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Equipment will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
This is a vital piece of equipment for opening and maintaining roads and parking areas during and after large snow storms. The faster speed of this equipment type enables staff to access more areas in a shorter period of time, essential during heavy snow storms. Snow blowers are subject to extreme conditions and high stress loads during the entire time it's operated. This is a high maintenance piece of equipment, under constant repair throughout the season due to extreme vibration and frame stress cracks. It is essential to replace this equipment before major component failure, where repair costs may exceed the equipment value. The snow blower is on a 8-year replacement schedule, subject to accumulated hours, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Equipment will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
2004 Trackless Snowblower	160,000	0	160,000	
Year Total	160,000	0	160,000	
2024				
2004 Trackless Snowblower	185,000	0	185,000	
Year Total	185,000	0	185,000	
	<b>345,000</b>	<b>0</b>	<b>345,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2022		Fleet Superintendent	Jun 30, 2023



## Project Summary

<b>Project Number:</b>	2097HE1752		
<b>Title:</b>	2001 105KW Mobile Generator #313		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>				
This emergency standby generator set, utilized by the Treatment Plant in case of extended power outages, supplies electricity to the larger water pump stations that don't have a permanent generator set located on site. Additionally this unit is utilized by the Lower Sweetwater shop for emergency standby power for maintaining the Public Works building requirements and to power the fuel pumps. Although this equipment is necessary to meet regulatory requirements it is seldom used. Typically the only usage of this equipment is by Fleet staff at normal scheduled maintenance intervals to insure proper operation. Due to low usage and the guarantee of parts availability for an extended period of time this unit is not currently budgeted for replacement. Life expectancy is 20-years from date of purchase, but will be moved back in the CIP when indicators dictate.				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
See note above				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023	50,000	0	50,000	
Year Total	50,000	0	50,000	
	<b>50,000</b>	<b>0</b>	<b>50,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	2097HV1732	
<b>Title:</b>	2010 International Vactor Truck #638	
<b>Asset Class:</b>	F - Rolling Stock	
<b>Division:</b>	97 - Public Works Shared	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	HV - Heavy Duty Vehicles	

<b>Project Description</b>
This project is for the replacement of vacuum truck #638. Specifically utilized by the Pipeline Division for the routine cleaning of all under ground sewer lines and relieving sewer blockages, in Incline Village and Crystal Bay. This truck is used as an excavator when required for leak repairs. Presently this truck is on a 7-year replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition. This project will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.

<b>Project Internal Staff</b>
Fleet Maintenance Staff will manage this project

<b>Project Justification</b>
This truck is critical to the Utility Division's successful operation of preventing sewer spills that may contaminate Lake Tahoe. Utilized for the ongoing maintenance of cleaning the Districts wastewater collection system, relieving sewer line blockages, removing grease from sewer pump station well wells and excavating for the repair of water and sewer lines. Presently this truck is on a planned replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Vactor Truck	430,000	0	430,000
Year Total	430,000	0	430,000
2029			
Vactor Truck	385,000	0	385,000
Year Total	385,000	0	385,000
	<b>815,000</b>	<b>0</b>	<b>815,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Aug 1, 2018		Fleet Superintendent	Dec 31, 2018





## Project Summary

<b>Project Number:</b>	2097HV1754		
<b>Title:</b>	1996 Peterbilt Dump Truck #299		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HV - Heavy Duty Vehicles		

<b>Project Description</b>	<p>This is the scheduled replacement of #299, Peterbilt dump truck, utilized by the Utility Pipeline Division for hauling materials to and from water and sewer leak repairs, hauling waste materials out of the Tahoe basin and clean fill materials from the valley to the Sweetwater facility. This truck is also utilized in the maintenance of roads and dike repairs at the IVGID wetland area. Presently this dump truck is on a 15-year replacement program. This dump truck will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.</p>
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<b>Project Internal Staff</b>	<p>Fleet Maintenance Staff will manage this project</p>
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<b>Project Justification</b>	<p>This vehicle is critical to the daily operation of the Utility Pipeline Division for water and sewer line leak repairs. The smaller size of this truck allows access to District areas that are too tight for other equipment to operate. The present replacement date, of 15-years, has been moved back to 20-years due to the trucks low mileage and overall good condition. The replacement of this truck is subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. #299 will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2020			
Dump Truck	75,000	0	75,000
Year Total	75,000	0	75,000
2033			
Dump Truck	176,000	0	176,000
Year Total	176,000	0	176,000
	<b>251,000</b>	<b>0</b>	<b>251,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 31, 2018		Fleet Superintendent	Jan 30, 2019



## Project Summary

<b>Project Number:</b>	2097HV1755		
<b>Title:</b>	2001 Peterbilt Bin Truck #468		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HV - Heavy Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles, by the Fleet Division for the Public Works Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This is the scheduled replacement of #468, Peterbilt dump truck, utilized by the Utility Division for hauling materials to and from water and sewer leak repairs, hauling waste materials out of the Tahoe basin and clean fill materials from the valley to the Sweetwater facility. This truck is also utilized in the maintenance of roads and dike repairs at the IVGID wetlands facility. Additionally utilized as a back-up vehicle for hauling treated sludge from the Waste Water Treatment Plant to the Bentley facility in Minden Nevada. This vehicle is critical to the daily operation of the Utility Division and will be 20-years old at its present scheduled replacement date. The replacement of this truck is subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Dump Truck	190,000	0	190,000	
Year Total	190,000	0	190,000	
2031				
Dump Truck	185,000	0	185,000	
Year Total	185,000	0	185,000	
	<b>375,000</b>	<b>0</b>	<b>375,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2020		Fleet Superintendent	Jun 30, 2021



## Project Summary

<b>Project Number:</b>	2097LE1720		
<b>Title:</b>	Snowplow #300A		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

**Project Description**  
 Purchase replacement snow plow utilized in conjunction with Utility Division loaders for winter snow removal requirements around the entire District. The areas include Diamond Peak parking lots, Skiway, Recreation Center, Administration, Public Works facilities, Water and Sewer pump stations, water reservoir roads and etc. Loader snow plows are on a 10-year replacement schedule subject to overall condition. The plow will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring the replacement date.

**Project Internal Staff**  
 Fleet Maintenance Staff will manage this project

**Project Justification**  
 This snowplow is critical to the operation of the District during the winter months. Necessary for snow removal of parking lots at Diamond Peak, Ski Way roadway, Recreation Center, Main office and other District facilities. Considered vital for the protection of public health and safety and revenue for the recreation venues. The scheduled replacement of this equipment will be subject to accrued maintenance cost, visual inspection and overall condition. Plow will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring replacement dates.

Forecast			
Budget Year	Total Expense	Total Revenue	Difference
2022			
Snowplow	18,000	0	18,000
Year Total	18,000	0	18,000
2027			
Snowplow	21,000	0	21,000
Year Total	21,000	0	21,000
	<b>39,000</b>	<b>0</b>	<b>39,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012	Jul 1, 2022		Fleet Superintendent	Sep 30, 2022



## Project Summary

<b>Project Number:</b>	2097LE1721		
<b>Title:</b>	Snowplow #307A		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>	<p>Purchase replacement snow plow utilized in conjunction with Utility Division loaders for winter snow removal requirements around the entire District. The areas include Diamond Peak parking lots, Skiway, Recreation Center, Administration, Public Works facilities, Water and Sewer pump stations, water reservoir roads and etc. Loader snow plows are on a 10-year replacement schedule subject to overall condition. The plow will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring the replacement date.</p>
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<b>Project Internal Staff</b>	
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<b>Project Justification</b>	<p>This snowplow is critical to the operation of the District during the winter months. Necessary for snow removal of parking lots at Diamond Peak, Ski Way roadway, Recreation Center, Main office and other District facilities. Considered vital for the protection of public health and safety and revenue for the recreation venues. The scheduled replacement of this equipment will be subject to accrued maintenance cost, visual inspection and overall condition. Plow will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring replacement dates.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2023			
Snowplow	18,000	0	18,000
Year Total	18,000	0	18,000
2027			
Snowplow	21,000	0	21,000
Year Total	21,000	0	21,000
	<b>39,000</b>	<b>0</b>	<b>39,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2023		Fleet Superintendent	Sep 30, 2023



## Project Summary

<b>Project Number:</b>	2097LE1722		
<b>Title:</b>	Slurry Liquidator #326		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
This project is for the scheduled replacement of a vacuum system, #326 Slurry liquidator, by the Fleet Division for the Public Works Department. This equipment is utilized by the Pipeline Division during the summer maintenance season for vacuuming out and cleaning water system vaults and water meter boxes. Presently it is on a 10-year replacement program, but will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This vacuum system is utilized during the summer water and sewer system maintenance program. Specifically utilized by the Pipeline maintenance crews for vacuuming out water meter boxes, PRV station vaults and valve boxes to facilitate scheduled maintenance and/or repairs. Replacement of the equipment is subject to accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Equipment will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring replacement dates.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Slurry Liquidator	41,000	0	41,000	
Year Total	41,000	0	41,000	
2033				
Slurry Liquidator	49,000	0	49,000	
Year Total	49,000	0	49,000	
	<b>90,000</b>	<b>0</b>	<b>90,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2020		Fleet Superintendent	Aug 31, 2020



## Project Summary

<b>Project Number:</b>	2097LE1724		
<b>Title:</b>	2015 Sander/Spreader #710		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
This project is for the scheduled replacement of sander/spreader #710, by the Fleet Division for the Public Works Department. This sander is used extensively during winter months for sanding road and parking areas around the District where slippery conditions may exist. This equipment is mounted on the flatbed of utility truck #542 along with a snow plow mounted on front of the vehicle. This equipment combination is vital to the Utility Division snow removal program. The sander is on a 5-year replacement program subject to accrued maintenance cost, oil analysis reports, visual inspection and overall condition. This project will also coincide with the replacement of truck #542 and include a plow to be fitted to the new truck. Equipment is moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This equipment by virtue of the duty it performs is a high wear piece of equipment. Specifically designed to haul and spread sand and salt mixtures on the roads and parking areas around the District. The corrosive nature of the material utilized in this operation literally disintegrates the equipment. It is essential to maintain the established replacement scheduled identified by Fleet staff for the sanding unit.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Sander/Spreader	20,000	0	20,000	
Year Total	20,000	0	20,000	
2026				
Sander/Spreader	16,000	0	16,000	
Year Total	16,000	0	16,000	
2031				
Sander/Spreader	17,000	0	17,000	
Year Total	17,000	0	17,000	
2036				
Sander/Spreader	18,000	0	18,000	
Year Total	18,000	0	18,000	
	<b>71,000</b>	<b>0</b>	<b>71,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2020		Fleet Superintendent	Oct 1, 2020



## Project Summary

<b>Project Number:</b>	2097LI1401	
<b>Title:</b>	Pavement Maintenance, Utility Facilities	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	97 - Public Works Shared	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

### Project Description

This project is for the continued maintenance and repair of pavement assets at all Utility facilities. Facilities include sewer and water pumping stations, reservoirs, Wastewater Treatment Plant and Public Works Facility. There are 19 utility sites with a combined total of 231,000 square feet of coverage. Public Works staff maintains a database of these and other facilities for pavement conditions, past projects and forecasts long-term maintenance needs. Public Works staff performs annual inspections of all sites. Life of maintenance measures varies: New pavement has a typical lifespan of 15 -20 years, Overlay 5-10 years, Slurry Seal can last 3-6 years and crack fill 1-3 years all dependent on degree of use and severity of weather and snow removal.

### Project Internal Staff

Public Works staff will perform design, bid, contract administration and related inspection tasks. Work will be performed by outside contractors.

### Project Justification

Regular preventative maintenance of pavement significantly increases the life of the asset and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate pavement deterioration. By sealing the cracks and sealing the surface it extends the life of the pavement and protect the structure below. A baseline of annual funds are budgeted due the overall age of most facilities and the possibility for unforeseen winter damage. The upper lot at Public works is 15 years old and showing signs of distress and in need of rehabilitation prior to slurry seal in 2019. The driveway to WPS 3-1 is distressed and in need of reconstruction. The driveway to R3-1 has a separate CIP for a planned project

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2019			
Internal Services	2,500	0	2,500
Miscellaneous repairs	10,000	0	10,000
Year Total	12,500	0	12,500
2020			
Internal Services	5,000	0	5,000
Miscellaneous repairs	10,000	0	10,000
Public Works upper lot repairs	60,000	0	60,000
Reconstruct road to WPS 3-1	30,000	0	30,000
Year Total	105,000	0	105,000
2021			
Crack fill and slurry all sites	229,000	0	229,000
Internal Services	10,000	0	10,000
Year Total	239,000	0	239,000

2022			
Internal Services	2,500	0	2,500
Miscellaneous repairs	10,000	0	10,000
Year Total	12,500	0	12,500
2023			
Internal Services	2,500	0	2,500
Miscellaneous repairs	10,000	0	10,000
Year Total	12,500	0	12,500
2024			
Internal Services	2,500	0	2,500
Miscellaneous repairs	10,000	0	10,000
Year Total	12,500	0	12,500
2025			
Internal Services	10,000	0	10,000
Repave Utility Facilities	250,000	0	250,000
Year Total	260,000	0	260,000
2026			
Crack fill and slurry all sites	250,000	0	250,000
Internal Services	10,000	0	10,000
Year Total	260,000	0	260,000
2027			
Internal Services	2,500	0	2,500
Miscellaneous repairs	10,000	0	10,000
Year Total	12,500	0	12,500
2028			
Internal Services	2,500	0	2,500
Miscellaneous repairs	10,000	0	10,000
Year Total	12,500	0	12,500
2029			
Internal Services	2,500	0	2,500
Miscellaneous repairs	10,000	0	10,000
Year Total	12,500	0	12,500
2030			
Internal Services	10,000	0	10,000
Repave Utility Facilities	300,000	0	300,000
Year Total	310,000	0	310,000
2031			
Crack fill and slurry all sites	300,000	0	300,000
Internal Services	10,000	0	10,000
Year Total	310,000	0	310,000
2032			
Internal Services	2,500	0	2,500



Miscellaneous repairs	10,000	0	10,000	
Year Total	12,500	0	12,500	
2033				
Internal Services	2,500	0	2,500	
Miscellaneous repairs	10,000	0	10,000	
Year Total	12,500	0	12,500	
2034				
Internal Services	2,500	0	2,500	
Miscellaneous repairs	10,000	0	10,000	
Year Total	12,500	0	12,500	
2035				
Internal Services	10,000	0	10,000	
Repave Utility Facilities	300,000	0	300,000	
Year Total	310,000	0	310,000	
2036				
Crack fill and slurry all sites	300,000	0	300,000	
Internal Services	10,000	0	10,000	
Year Total	310,000	0	310,000	
	<b>2,229,000</b>	<b>0</b>	<b>2,229,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2017		Senior Engineer	Oct 31, 2017



## Project Summary

<b>Project Number:</b>	2097LI1701		
<b>Title:</b>	Pavement Maintenance, Reservoir 3-1 WPS 4-2/5-1		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LI - Land Improvements		

<b>Project Description</b>				
This project is for partial replacement of the existing failing roadway and retaining wall to Reservoir 3-1 and also servicing Water Pump Station 4-2/5-1.				
<b>Project Internal Staff</b>				
Public Works staff will manage design, bid and contract administration. Engineering services and Materials Testing by outside consultant. Construction by outside contractor				
<b>Project Justification</b>				
Roadway pavement is alligatored and deteriorating rapidly. It is beyond its repairable life and needs full replacement. Total improved area is approx 2400 sf of pavement and 340 lf of retaining wall. Due to elevation and slope the road sees extreme snow removal and heavy wear.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Engineering Consultant	10,000	0	10,000	
Year Total	10,000	0	10,000	
2022				
Construction Inspection and Testing	10,000	0	10,000	
Internal Services	10,000	0	10,000	
Retaining wall replacement	120,000	0	120,000	
Roadway section replacement	25,000	0	25,000	
Year Total	165,000	0	165,000	
	<b>175,000</b>	<b>0</b>	<b>175,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Senior Engineer	



## Project Summary

<b>Project Number:</b>	2097LV1733		
<b>Title:</b>	2009 Chevrolet Mid Size Pick-up #630 Compliance Dept.		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>			
This project is for the scheduled replacement of vehicles, by the Fleet Division for the Public Works Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.			
<b>Project Internal Staff</b>			
Fleet Maintenance Staff will manage this project			
<b>Project Justification</b>			
This pick-up truck is operated by the Compliance Division of the Public Works Department. Specifically utilized daily for the inspection of water and sewer projects, completed by independent contractors, District wide. Additionally utilized by compliance staff for the testing and repairs of water backflow devices in Incline Village and Crystal Bay. Presently this vehicle is on a 10-year replacement schedule subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicle will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring replacement dates.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
1/2-Ton Pick-up	30,000	0	30,000
Year Total	30,000	0	30,000
2028			
1/2-Ton Pick-up	29,000	0	29,000
Year Total	29,000	0	29,000
	<b>59,000</b>	<b>0</b>	<b>59,000</b>
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>
2012	Jul 1, 2019		Fleet Superintendent
			<b>Est. Completion Date</b>
			Nov 30, 2019



## Project Summary

<b>Project Number:</b>	2097LV1738		
<b>Title:</b>	2009 Chevrolet 1/2 Ton Pick-up Truck #631		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>	This project is for the scheduled replacement of vehicles by the Fleet Division for the Public Works Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.
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<b>Project Internal Staff</b>	Fleet Maintenance Staff will manage this project
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<b>Project Justification</b>	This pick-up truck is operated by the Waste Not Division of the Public Works Department. Specifically utilized daily for the inspection of water and sewer projects, completed by independent contractors, District wide. Additionally utilized by compliance staff for the testing and repairs of water backflow devices in Incline Village and Crystal Bay. Presently this vehicle is on a 10-year replacement schedule subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicle will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring replacement dates.
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<b>Forecast</b>	
<b>Budget Year</b>	<b>Total Expense    Total Revenue    Difference</b>
2020	
1/2-Ton Pick-up	30,000                      0                      30,000
Year Total	30,000                      0                      30,000
2030	
1/2-Ton Pick-up	29,000                      0                      29,000
Year Total	29,000                      0                      29,000
	<b>59,000                      0                      59,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Sep 1, 2019		Fleet Superintendent	Dec 31, 2019



## Project Summary

<b>Project Number:</b>	2097LV1739		
<b>Title:</b>	2009 Chevrolet 1/2 Ton Pick-up Truck #632 Engineering Dept.		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>	<p>This project is for the scheduled replacement of vehicles by the Fleet Division for the Public Works Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.</p>
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<b>Project Internal Staff</b>	<p>Fleet Maintenance Staff will manage this project</p>
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<b>Project Justification</b>	<p>This pick-up truck is operated by the Engineering Division of the Public Works Department. Specifically utilized daily for the inspection of water and sewer projects, completed by independent contractors, District wide. Presently this vehicle is on a 10-year replacement schedule subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicle will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring replacement dates.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2020			
1/2-Ton Pick-up	30,000	0	30,000
Year Total	30,000	0	30,000
2030			
1/2-Ton Pick-up	29,000	0	29,000
Year Total	29,000	0	29,000
	<b>59,000</b>	<b>0</b>	<b>59,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2019		Fleet Superintendent	Jun 30, 2020



## Project Summary

<b>Project Number:</b>	2097LV1740		
<b>Title:</b>	2012 Extend-A-Cab Pick-up #678 Pipeline Dept.		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles by the Fleet Division for the Public Works Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition.				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
This vehicle is utilized to perform the daily duties of the Utility Division Pipeline Crew and is the truck used after hours by the on call staff. This vehicle has been moved back in the CIP from a 10-year replacement date to an 11-year replacement date. This vehicle also may be transferred to another operating where critical response or down time is not an issue.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
2001 Extend-A-Cab Pick-up	32,000	0	32,000	
Year Total	32,000	0	32,000	
	<b>32,000</b>	<b>0</b>	<b>32,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	2097LV1744		
<b>Title:</b>	2012 1-Ton Service Truck w/ Liftgate #668 Treatment		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles, by the Fleet Division for the Public Works Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition.				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
This 1-ton pick-up truck is operated by the Treatment Plant of the Public Works Department. It has seen hard use in its daily duties both in town and at the wetlands facility. Presently it is on an 11-year replacement schedule, with an estimated mileage at that time of 85,000 miles. The replacement of this truck is subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
1-Ton Service Truck w/ liftgate	43,000	0	43,000	
Year Total	43,000	0	43,000	
	<b>43,000</b>	<b>0</b>	<b>43,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	2097LV1746	
<b>Title:</b>	2004 GMC 1-Ton Flatbed #542 Pipeline Dept.	
<b>Asset Class:</b>	F - Rolling Stock	
<b>Division:</b>	97 - Public Works Shared	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LV - Light Duty Vehicles	

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles, by the Fleet Division for the Public Works Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This 1-ton dump truck is operated by the Pipeline Division of the Public Works Department. It is utilized by staff during summer months for hauling of material and additionally during the winter months it is vital to the snow removal program utilizing snowplow #542A on the front of the truck and sander #710 in the bed of the truck for spreading sand at all District areas, including Diamond Peak and Ski Way. This truck will be 10-years old at the present replacement schedule. Replacement of this vehicle is subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
1-Ton Dump Truck	46,000	0	46,000	
Year Total	46,000	0	46,000	
2030				
1-Ton Dump Truck	46,000	0	46,000	
Year Total	46,000	0	46,000	
	<b>92,000</b>	<b>0</b>	<b>92,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	





## Project Summary

<b>Project Number:</b>	2097LV1747		
<b>Title:</b>	2008 Chevrolet Service Truck #609 Meter Truck		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles, by the Fleet Division for the Public Works Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This service truck is operated by the Compliance Division of the Public Works Department. Specifically utilized daily for the inspection of water and sewer projects, completed by independent contractors, District wide. Additionally utilized by compliance staff for the testing and repairs of water backflow devices in Incline Village and Crystal Bay. Presently this vehicle is on a 10-year replacement schedule subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicle will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring replacement dates.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Service Truck	36,000	0	36,000	
Year Total	36,000	0	36,000	
2030				
Service Truck	33,000	0	33,000	
Year Total	33,000	0	33,000	
	<b>69,000</b>	<b>0</b>	<b>69,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Sep 1, 2019		Fleet Superintendent	Dec 31, 2019



## Project Summary

<b>Project Number:</b>	2097LV1749		
<b>Title:</b>	2011 Chevrolet Service Truck #647 Treatment		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles, by the Fleet Division for the Public Works Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This 1-ton service truck is operated by the Treatment Plant Division of the Public Works Department. It is utilized by staff in the daily maintenance and repair of equipment located at the water and sewer pump stations around the District. Service trucks typically serve double duty both as a transport vehicle and as a mobile tool box and work platform to facilitate repairs. At the present replacement schedule it will be 10-years old. This vehicle replacement is subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates. This vehicle also may be transferred to another operating where critical response or down time is not an issue.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Service Truck	45,000	0	45,000	
Year Total	45,000	0	45,000	
2031				
Service Truck	49,000	0	49,000	
Year Total	49,000	0	49,000	
	<b>94,000</b>	<b>0</b>	<b>94,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2021		Fleet Superintendent	Dec 30, 2021



## Project Summary

<b>Project Number:</b>	2097SS1708		
<b>Title:</b>	WRRF Crew Quarters		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	97 - Public Works Shared		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	SS - Sewer System		

<b>Project Description</b>
The Wastewater Resource Recovery Facility (WRRF) was constructed by Incline Village General Improvement District (IVGID) in 1962. Running the Facility requires on-call services 24 hours a day, 7 days a week. In the event of a breakdown in equipment or other unforeseen problems, WRRF staff need to be on-site quickly to address the issue and maintain the continuous operation of the facility. At present on-call staff spend the nights and weekends at a rented apartment. This project will remodel an existing under utilized room at the Public Works Facility Building B to turn it into a small apartment to provide overnight and weekend accommodations to WRRF on-call staff.

<b>Project Internal Staff</b>
Engineering Staff will manage the coordination and contracting of the design and construction of the crew quarters.

<b>Project Justification</b>
Completion of this work will allow the District to avoid renting an apartment at a cost of approximately \$21,000 per year. The project is anticipated to have a return on investment within ten years. Additionally, the work allows an operator to stay on-site which provides for improved response times to call outs.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Construction	153,174	0	153,174
Year Total	153,174	0	153,174
	<b>153,174</b>	<b>0</b>	<b>153,174</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Principal Engineer	





## Project Summary

<b>Project Number:</b>	2299DI1102	
<b>Title:</b>	Water Pumping Station Improvements	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	99 - General Administration - Water	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	DI - Distribution Infrastructure	

### Project Description

The District owns twelve water pumping stations in Incline Village and Crystal Bay to transport clean potable water to water reservoirs that supply the homes and businesses in the District. They were generally constructed between 1962 and 1975 with one exception of the new water pumping station 4-1 and 5-3 at Ski Way. The water pumping stations pumping capacity ranges from 75 gallons per minute to 6,000 gallons per minute. The water pumping stations are generally masonry block buildings with metal roofs that contain the mechanical and electrical equipment to pump water to the eight major pressure zones to serve the 8,000+ water customers. The equipment in each station includes pumps, motors, motor soft starts, variable frequency drives, telemetry equipment, motor control cabinets, automatic transfer switches, emergency generators, fuel tanks, surge anticipator valves, zone valves, isolation valves, instrumentation equipment, communication equipment, piping and other miscellaneous equipment. Our mission is to maintain the excellent condition and reliability of our aging infrastructure to provide safe potable water. Staff has identified the needed replacement of pumps, motors and soft starts at Water Pumping Stations 4-2, 5-2, and 6-1. This project includes the rebuild of the 12 control valves in the water pumping stations. This project includes the installation of chlorine analyzers for compliance with the Total Coliform Rule.

### Project Internal Staff

Staff involvement in the removal, procurement, and replacement of equipment with rebuilt or new equipment. Smaller projects will be completed by staff. Larger projects will be contracted out.

### Project Justification

This project funds the annual replacement of equipment listed above at the water pumping stations. Staff performs inspections and maintenance on water pumping stations and plans future major upgrades as equipment reaches the end of its useful life. The age of the equipment, the number of hours of operation and other equipment analyses, such as vibration testing, dictate replacement or rehabilitation of the equipment to maintain this reliability to provide continuous service of potable water to our customers. The forecast contains staff's best projection of the work to be performed.

<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Chlorine Residual Analyzers	10,000	0	10,000	
Pumps, motors, valves, and control rehabilitation	40,000	0	40,000	
WPS 4-2 Pump and Motor Replacement	30,000	0	30,000	
WPS 5-2 Pump and Motor Replacement	35,000	0	35,000	
Year Total	115,000	0	115,000	
2020				
Chlorine Residual Analyzers	5,000	0	5,000	
Pumps, motors, valves, and control rehabilitation	50,000	0	50,000	
WPS 6-1 Pump and Motor Replacement	30,000	0	30,000	
Year Total	85,000	0	85,000	
2021				
Pumps, motors, valves, and control rehabilitation	50,000	0	50,000	
Year Total	50,000	0	50,000	
2022				
Pumps, motors, valves, and control rehabilitation	50,000	0	50,000	
Year Total	50,000	0	50,000	
2023				
Pumps, motors, valves, and control rehabilitation	50,000	0	50,000	
Year Total	50,000	0	50,000	
	<b>350,000</b>	<b>0</b>	<b>350,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2018		Principal Engineer	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	2299DI1103	
<b>Title:</b>	Replace Commercial Water Meters, Vaults and Lids	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	99 - General Administration - Water	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	DI - Distribution Infrastructure	

<b>Project Description</b>				
The District owns and maintains 90 commercial water meters installed in heavy duty meter vaults and 25 pressure reducing valve stations. This project will continue the replacement of these commercial water meters and PRV vaults and or lids. Current useful life of a commercial meter is 20-50 years dependent on use, pressure and flows. Vault life can be approximately the same time period depending on location, traffic and the elements. These meters, vaults and lids have been put on our replacement list by priority but the list can change from year to year depending on the needs. These meters are in various configurations ranging in size from 4 to 10 inch. In coming years there will be continued replacement needed for meters, vaults and lids.				
<b>Project Internal Staff</b>				
Public Works staff will order and purchase the meters, vaults and lids, and bid and oversee the installations. Contractors will install the meters and replace vaults and lids.				
<b>Project Justification</b>				
Replacement of the commercial water meters will increase accuracy in meter reading and increase revenue. As meters age, they become less accurate and will measure water usage below actual, as is required by AWWA standards. Commercial water meters can last 20-50 years. Typically old meters are not worth repairing because parts are unavailable and newer meters meet the water demand profiles of our customers. Many meter vaults and lids are also in disrepair and need replacement for public and crew safety reasons and ease of accessibility for testing. This project allows for radio reading of all the commercial and residential meters combined. This project is programmed to replace the meter, vaults and lids using a just-in-time approach to maximize use prior to failure. Future years will be for just-in-time replacement of vaults and lids. The Zone 1 totalizing flow meter will be replaced in 2018.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Vaults, structures and lids replacement	40,000	0	40,000	
Year Total	40,000	0	40,000	
2020				
Vaults, structures and lids replacement	40,000	0	40,000	
Year Total	40,000	0	40,000	
2021				
Vaults, structures and lids replacement	40,000	0	40,000	
Year Total	40,000	0	40,000	
2022				
Vaults, structures and lids replacement	40,000	0	40,000	
Year Total	40,000	0	40,000	
2023				
Vaults, structures and lids replacement	40,000	0	40,000	
Year Total	40,000	0	40,000	
	<b>200,000</b>	<b>0</b>	<b>200,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2018		Collection/Distribution Supervisor	Jun 30, 2019





## Project Summary

<b>Project Number:</b>	2299DI1204	
<b>Title:</b>	Water Reservoir Coatings and Site Improvements	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	99 - General Administration - Water	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	DI - Distribution Infrastructure	

<b>Project Description</b>				
The District owns 13 potable water reservoirs in Incline Village and Crystal Bay. The reservoirs (tanks) store from 170,000 to 1,000,000 gallons of water. Tank heights range from 20-50 feet and diameters range from 33-68 feet. The first reservoirs were constructed in 1962 with the last one built in 1996. The reservoirs are coated on the outside with a dark green weather resistant paint. These tanks need to be re-coated based on weathering of paint, graffiti and the overall appearance. The interiors are cleaned, video inspected every 5 years with the last inspection taking place in 2014. Typically the epoxy interior coating lasts 20-25 years. These tanks are built into the hillside in many cases with steep embankments and no retaining wall to keep the soil, rocks, etc. away from the tank. Periodically these sites need to be cleared of debris to protect the exterior coating and allow access around the structure for maintenance including painting.				
<b>Project Internal Staff</b>				
Public Works staff will perform design, bid, contract administration and inspection.				
<b>Project Justification</b>				
The 13 steel water storage reservoirs throughout the District need to be recoated (internal and external) to extend their life expectancy. These tanks get pitted and rust from exposure to the elements. We patch paint over the exterior problem areas and any graffiti. In addition, these tanks need to look aesthetically pleasing because they are mostly located in residential areas. The schedule is based on need. The coating work is performed by an outside contractor. Exterior painting will encapsulate lead-based primers used in the construction of older tanks. Site improvements will be prioritized as needed. R2-1 and R6C-1 will have new exterior coatings in 2018-19 dependent on contractor pricing. New pressure transducers will be installed in each reservoir to monitor tank level.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Pressure Transducers	40,000	0	40,000	
Year Total	40,000	0	40,000	
2020				
Exterior recoating of R6C-1 and R2-1	85,000	0	85,000	
Year Total	85,000	0	85,000	
2021				
Exterior recoating R6-1 and R2-2	85,000	0	85,000	
Year Total	85,000	0	85,000	
2022				
Exterior recoating R2	55,000	0	55,000	
Year Total	55,000	0	55,000	
2023				
Exterior recoating of R5-3A and R5-3B	75,000	0	75,000	
Year Total	75,000	0	75,000	
2024				
Exterior Recoating of R3-A	50,000	0	50,000	
Year Total	50,000	0	50,000	
	<b>390,000</b>	<b>0</b>	<b>390,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2018		Water/Wastewater Supervisor	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	2299DI1401	
<b>Title:</b>	Burnt Cedar Water Disinfection Plant Improvements	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	99 - General Administration - Water	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	DI - Distribution Infrastructure	

### Project Description

The Burnt Cedar Water Disinfection Plant produces one billion gallons of potable drinking water for the 8000+ customers in Incline Village and Crystal Bay. The delivery of potable water to our customers is the most important mission of the Public Works Department. The two main federal water regulations that regulate the District's water system is the Surface Water Treatment Rule (SWTR 1989) and the Long Term 2 Enhanced Surface Water Treatment Rule (LT2 2006). The Plant contains raw water pumping, ozone system for disinfection for virus inactivation, ultraviolet system for girardia and cryptosporidium inactivation, chlorine dosing for residual disinfectin in the distribution, and treated water pumping. Associated with these processes are communication equipment, electrical equipment, instrumentation equipment, valving, standby electrical generation, chemical dosing etc. The plant has been in existence since 1961 with the most recent major upgrade completed in 2012 to achieve compliance with LT2.

This project is to cover the on-going capital maintenance and replacement of the equipment and facilities at the water disinfection plant.

### Project Internal Staff

### Project Justification

This project is for on-going capital replacement of equipment and facilities at the water disinfection plant. This project also includes a possible extension of the water intake pipeline. EPA and State Regulations may require extension of the raw water intake to the water plant where it is deeper and farther from the shore and creek mouths where it will be less influenced by disturbances from storms. This should allow us to continue to meet our filtration exemption for our potable water system provided it is determined our present system is inadequate. There would be a five year period to comply with this requirement.

<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Electrical, Mechanical, and Pumping Improvements	25,000	0	25,000	
Sodium Hypochlorite Feed Pumps	25,000	0	25,000	
Treatment Plant SCADA Cyber-security Upgrades	50,000	0	50,000	
Year Total	100,000	0	100,000	
2020				
Electrical, Mechanical, and Pumping Improvements	25,000	0	25,000	
Removal of Washoe 1 Water Intake Line	50,000	0	50,000	
Year Total	75,000	0	75,000	
2021				
Electrical, Mechanical, and Pumping Improvements	25,000	0	25,000	
Year Total	25,000	0	25,000	
2022				
Electrical, Mechanical, and Pumping Improvements	25,000	0	25,000	
Year Total	25,000	0	25,000	
2023				
Electrical, Mechanical, and Pumping Improvements	25,000	0	25,000	
Year Total	25,000	0	25,000	
2024				
Water intake construction	250,000	0	250,000	
Year Total	250,000	0	250,000	
2025				
Water intake construction	1,500,000	0	1,500,000	
Year Total	1,500,000	0	1,500,000	
	<b>2,000,000</b>	<b>0</b>	<b>2,000,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2014			Director of Asset Management	



## Project Summary

<b>Project Number:</b>	2299DI1701		
<b>Title:</b>	Water Reservoir Safety and Security Improvements		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - General Administration - Water		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	DI - Distribution Infrastructure		

**Project Description**

The District owns and maintains 13 water reservoirs in Incline Village and Crystal Bay to store clean potable water that supply the homes and businesses in the District. The majority of these reservoirs was constructed in the 1960's and 1970's, with the exception of reservoir 3A-1 construction in 1996. The reservoirs range in size from 173,000 gallons up to 1,000,000 gallons. The reservoirs are welded steel with various types of ladders and safety climbing apparatus. The ladders are provided to meet the Occupational Safety and Health Administration (OSHA) for exterior access to the roof area and the needs of the District. The reservoirs need to be modified to meet the current safety standards.

**Project Internal Staff**

Staff will manage the project with a design, bid, and build process.

**Project Justification**

When the reservoirs were constructed the ladders and climbing apparatus were built to current industry standards. The reservoir ladders and climbing apparatus have been modified over the years to meet the Homeland Security standards. This project will upgrade the ladders, rails, fencing, and climbing apparatus to meet current Federal OSHA safety standards to protect the IVGID employees required to climb the reservoirs. The reservoirs will also be assessed for proper security protections.

Forecast			
Budget Year	Total Expense	Total Revenue	Difference
2019			
Construction	200,000	0	200,000
Year Total	200,000	0	200,000
	<b>200,000</b>	<b>0</b>	<b>200,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2016	Jul 1, 2017		Utilities Maintenance Specialist	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	2299DI1702		
<b>Title:</b>	Water Pump Station 2-1 Improvements		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - General Administration - Water		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	DI - Distribution Infrastructure		

**Project Description**

Water Pump Station 2-1 (WPS 2-1) is located at the Burnt Cedar Water Disinfection Plant (BCWDP) and pumps the disinfected potable water into the water distribution system to serve Incline Village and Crystal Bay. There are four pumps located in the WPS. Three are rated at 2,200-gpm each and one is rated at 1,100-gpm. The maximum BCWDP capacity (water flow rate that can be disinfected and pumped) is 5,900-gpm (2 x 2,200-gpm and 1 x 1,100-gpm). This 5,900-gpm limit is set by regulatory permit, disinfection equipment capacities, and electrical service size. All four pumps are used year round in various combinations based on system demand.

**Project Internal Staff**

**Project Justification**

WPS 2-1 is designed to provide the necessary flows to meet system demand with the largest pump out of service. If a 2,200-gpm pump fails, the remaining three pumps can supply the peak demand. However, an interesting problem arises if the 1,100-gpm pump fails. During 9 months of the year, one or two 2,200-gpm pumps can meet system demand. However, in the summer months and during peak snowmaking, there are extended periods that require maximum BCWDP capacity meaning three pumps in service (2 x 2,200-gpm and 1 x 1,110-gpm). If the 1,100-gpm pump fails and is out of service then the BCWDP cannot meet system demand. This is because WPS 2-1 cannot place the third 2,200-gpm pump into service because the BCWDP is not rated to produce a total of 6,600-gpm. Additionally, there is also a limitation in electrical service size and associated equipment that prevents three 2,200-gpm pumps from operating.

WPS 2-1 was largely constructed in 1972 with minor upgrades in 1995 and 2012. The electric motor control centers (MCCs) and switchgear at WPS 2-1 date to the original 1972 installation. This equipment does not meet modern OSHA requirements for Arc Flash safety and the MCCs and switchgear is at the end of it's service life and no longer supported by the respective manufacturers. Additionally, two of 2,200-gpm vertical turbine pumps also date to the original 1972 installation and are approaching the end of their service lives (the remaining 2,200-gpm pump dates to 1995 and the 1,100-gpm pump dates to 2012). This project will complete design and construction of the new MCCs and switchgear to replace the 1972 equipment, provide modern controls and safety enhancements to meet current regulations, as well as install a variable frequency drive to allow one of the 2,200-gpm pumps to operate at half speed to provide redundancy to the 1,100-gpm pump. Additionally, the project will replace the two remaining original 2,200-gpm pumps with new equipment.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
MCC and Switchgear Replacement Construction	700,000	0	700,000
Year Total	700,000	0	700,000
2021			
Vertical Turbine Pump Replacement (two 2,200-gpm pumps)	300,000	0	300,000
Year Total	300,000	0	300,000
	<b>1,000,000</b>	<b>0</b>	<b>1,000,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
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2017	Jul 1, 2017			Jun 30, 2018
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## Project Summary

<b>Project Number:</b>	2299DI1707		
<b>Title:</b>	Burnt Cedar Water Disinfection Plant Emergency Generator Fuel Tank Upgrades		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - General Administration - Water		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	DI - Distribution Infrastructure		

<b>Project Description</b>				
This project will replace the existing diesel fuel underground storage tank (UST), control equipment, and associated appurtenances that provides and stores fuel for the Burnt Cedar Water Disinfection Plant Emergency Generator will a new above ground storage tank (AST). Once the new AST is installed and fully operational, the existing tank will be abandoned in place in compliance with Washoe County Health Department and Nevada Department of Environmental Protection requirements.				
<b>Project Internal Staff</b>				
District Engineering Staff will lead the planning, design, permitting, and construction of this project in coordination with the District Fleet and Treatment Divisions.				
<b>Project Justification</b>				
The existing UST and associated control equipment and piping appurtenances is at the end of it's service life. The tank is seeing water intrusion and the piping is no longer in compliance with current regulations. The new AST will provide an equal volume of storage in an above ground and easily inspected and maintained configuration.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Underground Storage Tank Replacement	175,000	0	175,000	
Year Total	175,000	0	175,000	
	<b>175,000</b>	<b>0</b>	<b>175,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017	Jul 1, 2019		Director of Asset Management	Jun 30, 2020





## Project Summary

<b>Project Number:</b>	2299LV1720		
<b>Title:</b>	2013 Mid Size Truck #675 Compliance		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	21 - Supply & Distribution		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles, by the Fleet Division for the Public Works Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This pick-up truck is operated by the Utility Division of the Public Works Department. Specifically utilized daily by the water meter reader for collecting water usage data for billing purposes and to carry tools and equipment for performing minor repairs to meters and meter boxes. Presently this vehicle is on a 10-year replacement schedule. This truck may transfer to another department where service and reliability are not as important to the operating department.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Pick-up Truck	31,000	0	31,000	
Year Total	31,000	0	31,000	
	<b>31,000</b>	<b>0</b>	<b>31,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	Jul 1, 2021		Fleet Superintendent	Jun 30, 2022



## Project Summary

<b>Project Number:</b>	2299WS1704		
<b>Title:</b>	Watermain Replacement - Martis Peak Road		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	21 - Supply & Distribution		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	WS - Water System		

**Project Description**

Project area Martis Peak Rd only. This project is a continuation of the multi-year program to replace 1960's era thin-wall steel watermains and other deficient watermains. Replacement criteria is twofold: Replace those watermains with the most leaks and in streets with aging pavement. Since our water loss is now less than 6%, our main objective is to work closely with the Washoe County Road Department to replace watermains just prior to the County's repaving the street. We also work closely with the North Lake Tahoe Fire Protection District to determine areas of low fire flow, which may indicate a need for increased capacity in that area. There is approximately 6 miles of old steel watermains remaining in the system.

Our watermain replacement strategy involves meeting with Washoe County prior to each budget year and jointly agreeing on streets to be paved and watermains to be replaced. This project budgets to replace approx. 6 miles of pipeline in 15 years at \$1,500,000 per mile. Without additional escalators, that is \$9,000,000 in 15 years or \$600,000 per year. Adjustments have been made to allow for the trend of a high year then low year of work scheduled.

**Project Internal Staff**

Engineering will perform Design, Engineering, Bidding, Contract Administration and Inspection tasks. Outside contractor to do the work. IVGID resources remain available for ongoing maintenance activities and emergency response.

**Project Justification**

Our overall goal is to replace deficient watermains to keep our unaccounted for water loss to under 6% and to avoid costly pavement patch penalties imposed by Washoe County. The original watermains installed in much of Incline Village in the 1960's were thin-walled steel. These pipes are now failing repeatedly and need replacement. Washoe County has high pavement penalty costs for replacing watermains in newly paved streets. Replacing watermains in newly paved streets or streets with an excellent pavement condition could increase project costs by up to 50% due to pavement cut penalties.

<b>Forecast</b>			
Budget Year	Total Expense	Total Revenue	Difference
2020			
Internal Planning & Design	50,000	0	50,000
Year Total	50,000	0	50,000
2021			
Construction Inspecting & Testing	60,000	0	60,000
Internal Planning & Design	25,000	0	25,000
Washoe Co Street repair and penalties	60,000	0	60,000
Watermain Construction	480,000	0	480,000
Year Total	625,000	0	625,000
	<b>675,000</b>	<b>0</b>	<b>675,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
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2017	Jul 1, 2018		Senior Engineer	Dec 31, 2018
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## Project Summary

<b>Project Number:</b>	2299WS1705	
<b>Title:</b>	Watermain Replacement - Crystal Peak Road	
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities	
<b>Division:</b>	21 - Supply & Distribution	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	WS - Water System	

<b>Project Description</b>				
<p>Project area Crystal Peak Road only. This project is a continuation of the multi-year program to replace 1960's era thin-wall steel water mains and other deficient water mains. Replacement criteria is twofold: Replace those water mains with the most leaks and in streets with aging pavement. Since our water loss is now less than 6%, our main objective is to work closely with the Washoe County Road Department to replace water mains just prior to the County's repaving the street. We also work closely with the North Lake Tahoe Fire Protection District to determine areas of low fire flow, which may indicate a need for increased capacity in that area. There is approximately 6 miles of old steel water mains remaining in the system.</p> <p>Our water main replacement strategy involves meeting with Washoe County prior to each budget year and jointly agreeing on streets to be paved and water mains to be replaced. This project budgets to replace approx. 6 miles of pipeline in 15 years at \$1,500,000 per mile. Without additional escalators, that is \$9,000,000 in 15 years or \$600,000 per year. Adjustments have been made to allow for the trend of a high year then low year of work scheduled.</p>				
<b>Project Internal Staff</b>				
<p>Engineering will perform Design, Engineering, Bidding, Contract Administration and Inspection tasks. Outside contractor to do the work. IVGID resources remain available for ongoing maintenance activities and emergency response.</p>				
<b>Project Justification</b>				
<p>Our overall goal is to replace deficient water mains to keep our unaccounted for water loss to under 6% and to avoid costly pavement patch penalties imposed by Washoe County. The original water mains installed in much of Incline Village in the 1960's were thin-walled steel. These pipes are now failing repeatedly and need replacement. Washoe County has high pavement penalty costs for replacing water mains in newly paved streets. Replacing water mains in newly paved streets or streets with an excellent pavement condition could increase project costs by up to 50% due to pavement cut penalties.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Internal Planning & Design	50,000	0	50,000	
Year Total	50,000	0	50,000	
2023				
Construction Inspection & Testing	60,000	0	60,000	
Crystal Peak Road Watermain Construction	710,000	0	710,000	
Internal Planning & Design	25,000	0	25,000	
Washoe Co Street Repair and Penalties	50,000	0	50,000	
Year Total	845,000	0	845,000	
	<b>895,000</b>	<b>0</b>	<b>895,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Senior Engineer	



## Project Summary

<b>Project Number:</b>	2299WS1706		
<b>Title:</b>	Watermain Replacement - Rifle Pk Ct, Slott Pk Ct		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	21 - Supply & Distribution		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	WS - Water System		

**Project Description**

This project is a continuation of the multi-year program to replace 1960's era thin-wall steel watermains and other deficient watermains. Replacement criteria is twofold: Replace those watermains with the most leaks and in streets with aging pavement. Since our water loss is now less than 6%, our main objective is to work closely with the Washoe County Road Department to replace watermains just prior to the County's repaving the street. We also work closely with the North Lake Tahoe Fire Protection District to determine areas of low fire flow, which may indicate a need for increased capacity in that area. There is approximately 6 miles of old steel watermains remaining in the system.

Our watermain replacement strategy involves meeting with Washoe County prior to each budget year and jointly agreeing on streets to be paved and watermains to be replaced. This project budgets to replace approx. 6 miles of pipeline in 15 years at \$1,500,000 per mile. Without additional escalators, that is \$9,000,000 in 15 years or \$600,000 per year. Adjustments have been made to allow for the trend of a high year then low year of work scheduled.

**Project Internal Staff**

Engineering will perform Design, Engineering, Bidding, Contract Administration and Inspection tasks. Outside contractor to do the work. IVGID resources remain available for ongoing maintenance activities and emergency response.

**Project Justification**

Our overall goal is to replace deficient watermains to keep our unaccounted for water loss to under 6% and to avoid costly pavement patch penalties imposed by Washoe County. The original watermains installed in much of Incline Village in the 1960's were thin-walled steel. These pipes are now failing repeatedly and need replacement. Washoe County has high pavement penalty costs for replacing watermains in newly paved streets. Replacing watermains in newly paved streets or streets with an excellent pavement condition could increase project costs by up to 50% due to pavement cut penalties.

<b>Forecast</b>			
Budget Year	Total Expense	Total Revenue	Difference
2021			
Internal Planning & Design	50,000	0	50,000
Year Total	50,000	0	50,000
2022			
Construction Inspection & Testing	30,000	0	30,000
Internal Planning & Design	20,000	0	20,000
Washoe Co Street Repair and Penalties	25,000	0	25,000
Watermain Construction	250,000	0	250,000
Year Total	325,000	0	325,000
	<b>375,000</b>	<b>0</b>	<b>375,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
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2017		Senior Engineer	
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## Project Summary

<b>Project Number:</b>	2299WS1801		
<b>Title:</b>	Leak Study R2-1 14inch Steel		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - General Administration - Water		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	WS - Water System		

<b>Project Description</b>					
Using current technologies perform an initial leak study on the former tank R2-1 feed from WPS 2-1.					
<b>Project Internal Staff</b>					
IVGID Public works to oversee contractor selection and contract administration. Work may require limited support of IVGID Pipeline Dept.					
<b>Project Justification</b>					
Currently our only water treatment plant WPS 2-1 feeds tank R2-1 through a single dedicated pipeline. In the event of an emergency a second pipeline would greatly provide redundancy to the water supply capability. The leak study will help in determining the scope of rehabilitation required on this existing but unused pipeline.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2019					
Contractor performed work	50,000	0	50,000		
Internal Services	15,000	0	15,000		
Year Total	65,000	0	65,000		
	<b>65,000</b>	<b>0</b>	<b>65,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2018	Jul 1, 2018		Senior Engineer	Jun 30, 2019	





## Project Summary

<b>Project Number:</b>	2299WS1802		
<b>Title:</b>	Watermain Replacement - Alder Avenue		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - General Administration - Water		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	WS - Water System		

### Project Description

Project area Alder Avenue street and easement area only. This project is a continuation of the multi-year program to replace 1960's era thin-wall steel watermains and other deficient watermains. Replacement criteria is twofold: Replace those watermains with the most leaks and in streets with aging pavement. Since our water loss is now less than 6%, our main objective is to work closely with the Washoe County Road Department to replace watermains just prior to the County's repaving the street. We also work closely with the North Lake Tahoe Fire Protection District to determine areas of low fire flow, which may indicate a need for increased capacity in that area. There is approximately 6 miles of old steel watermains remaining in the system.

Our watermain replacement strategy involves meeting with Washoe County prior to each budget year and jointly agreeing on streets to be paved and watermains to be replaced. This project budgets to replace approx. 6 miles of pipeline in 15 years at \$1,500,000 per mile. Without additional escalators, that is \$9,000,000 in 15 years or \$600,000 per year. Adjustments have been made to allow for the trend of a high year then low year of work scheduled.

### Project Internal Staff

Engineering will perform Design, Engineering, Bidding, Contract Administration and Inspection tasks. Outside contractor to do the work. IVGID resources remain available for ongoing maintenance activities and emergency response.

### Project Justification

Our overall goal is to replace deficient watermains to keep our unaccounted for water loss to under 6% and to avoid costly pavement patch penalties imposed by Washoe County. The original watermains installed in much of Incline Village in the 1960's were thin-walled steel. These pipes are now failing repeatedly and need replacement. Washoe County has high pavement penalty costs for replacing watermains in newly paved streets. Replacing watermains in newly paved streets or streets with an excellent pavement condition could increase project costs by up to 50% due to pavement cut penalties.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2019			
Internal Planning and Design	50,000	0	50,000
Year Total	50,000	0	50,000
2020			
Construction Inspection & Testing	25,000	0	25,000
Washoe County street repair & Penalties	135,000	0	135,000
Watermain Construction	305,000	0	305,000
Year Total	465,000	0	465,000
	<b>515,000</b>	<b>0</b>	<b>515,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
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2018	Jul 1, 2021		Senior Engineer	Jun 30, 2022
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## Project Summary

<b>Project Number:</b>	2299WS1804		
<b>Title:</b>	R6-1 Tank Road Construction		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - General Administration - Water		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	WS - Water System		

<b>Project Description</b>				
This project is for improvements to an aging and only partially improved road to Water Reservoir 6-1 off of Lunar Ct. There is approximately 2300 sf of steep paved roadway and 2700 sf of unpaved roadway existing. Project proposes asphalt roadway construction and related stormwater improvements.				
<b>Project Internal Staff</b>				
Public works staff will perform design, permitting, bid, contract administration and related inspection tasks. Construction by private contractor				
<b>Project Justification</b>				
This Water Reservoir sees regular inspections and the steep access road is eroding and not compliant with TRPA regulations. An improved roadway would allow for safer year-round access and mitigate environmental concerns. Most of the 13 existing reservoir access roads around the district have been paved however of the unpaved ones R6-1 is difficult to maintain without a hardened asphalt surface. Other unpaved access roads presently maintained include R6c-1, R4-1, R8B-1, R5-3A and R5-3B.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Internal services	5,000	0	5,000	
Year Total	5,000	0	5,000	
2021				
Internal services	10,000	0	10,000	
Permitting	5,000	0	5,000	
Year Total	15,000	0	15,000	
2022				
Construction	100,000	0	100,000	
Internal services	5,000	0	5,000	
Materials testing	5,000	0	5,000	
Year Total	110,000	0	110,000	
	<b>130,000</b>	<b>0</b>	<b>130,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Senior Engineer	





## Project Summary

<b>Project Number:</b>	2523HE1721		
<b>Title:</b>	2006 Kenworth T800 Bin truck #587		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	23 - Treatment		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>
In 2006 the Public Works Department assumed the responsibility from Waste Management (Independent Sanitation) for hauling the treated sludge from the wastewater treatment plant to the Bentley facility in Minden, Nevada. The in-house sludge hauling program resulted in a 55% savings for each bin hauled over the contract price at that time. Although the present replacement date for this truck is 15-years it will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.

<b>Project Internal Staff</b>
Fleet Maintenance Staff will manage this project

<b>Project Justification</b>
This is the scheduled replacement of #587, Kenworth dump truck, utilized by the Utility Division for hauling treated sludge from the plant to the Bentley facility in Minden Nevada. This vehicle is critical to the daily operation of the Treatment Plant and will be 15-years old at its replacement date with an estimated minimum mileage of 168,000 miles. The replacement of this truck is subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2022			
2006 Kenworth T800 B Dump truck	197,200	0	197,200
Year Total	197,200	0	197,200
	<b>197,200</b>	<b>0</b>	<b>197,200</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	2524SS1010	
<b>Title:</b>	Effluent Export Line - Phase II	
<b>Asset Class:</b>	B - Major Projects - Existing Facilities	
<b>Division:</b>	24 - Transmission	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	SS - Sewer System	

### Project Description

As part of the original Effluent Export Pipeline Project, IVGID replaced approximately 6-miles of 16-inch Export Pipeline. These included approximately 18,000 linear feet (LF) in Segment 1 and 11,000 LF in Segment 3. During planning and design of the first phase approximately 13,700 LF of Segment 3 and all 17,300 LF of Segment 2 were identified to be in good condition and were not identified for replacement. In August 2009, a pipe break within the unreplaced portion of Segment 3 washed out State Route 28. Investigation of the leak by IVGID staff and an IVGID-hired corrosion consulting engineer revealed areas of advanced corrosion on the damaged pipeline section, indicating that unreplaced portions of the export line may be nearing the end of their service and replacement of the remaining pipeline should be planned and budgeted.

The proposed project, Effluent Export Pipeline Project - Phase II, will replace these two remaining sections within the Tahoe Basin (a total length of approximately 6 miles). Segment 2 is comprised of approximately 17,300 LF of welded, cement mortar lined, high pressure steel pipe. The remaining 13,700 LF of Segment 3 is comprised of bell and spigot, cement mortar lined, low pressure steel pipe. The project will be completed over multiple years in a manner similar to the original Effluent Export Pipeline Project. Like Phase I, the Export line will be replaced using open-cut construction, moving the pipeline to the center of the Southbound travel lane.

The wastewater treatment plant operates two large pond/basins for emergency storage. The primary pond is the Upper Pond located directly south of the Wastewater Treatment Plant (WWTP). This man made basin is capable of holding approximately 2.8-million gallons. It is primarily used to store treated effluent during emergency periods when the effluent export system has been shut down for an extended period. The Nevada Division of Environmental Protection requires a lining of the upper Pond, that work will be covered under the Phase II.

### Project Internal Staff

The Engineering Department will manage all phases of this project.

### Project Justification

The effluent export line transports treated wastewater from Incline Village General Improvement District's (IVGID) wastewater treatment plant to the disposal point at the wetlands southeast of Carson City. This line was constructed in the early 1970's as part of a regional effort to eliminate all wastewater effluent discharges in the Lake Tahoe basin. The effluent export line has been in continuous service since that time. Approximately 6 miles of line was replaced as part of the Effluent Export Pipeline Project - Phase I. Phase II will pursue the replacement of the remaining 6 miles of pipe within the Tahoe Basin. Phase 2 will also include upper pond improvements to meet NDEP regulations for storage of effluent.

The current Project Cooperation Agreement with the US Army Corps of Engineers will expire with the completion of the Phase I work. IVGID will look to enter into an expanded Project Cooperation Agreement with the US Army Corps of Engineers for 55% funding of all construction costs. The current political climate and financial issues in Washington D.C. make it unlikely that any future funding will be secured for this project. All grant funding has been removed for this project. IVGID will also place the project on the list for the Nevada State Revolving Loan Fund. Funding for this project will be the utility rates.

<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Internal Services	100,000	0	100,000	
Pipeline Construction Costs	1,900,000	0	1,900,000	
Year Total	2,000,000	0	2,000,000	
2020				
Internal Services	100,000	0	100,000	
Pipeline Construction Costs	1,900,000	0	1,900,000	
Year Total	2,000,000	0	2,000,000	
2021				
Internal Services	100,000	0	100,000	
Pipeline Construction Costs	1,900,000	0	1,900,000	
Year Total	2,000,000	0	2,000,000	
2022				
Internal Services	100,000	0	100,000	
Pipeline Construction Costs	1,900,000	0	1,900,000	
Year Total	2,000,000	0	2,000,000	
2023				
Internal Services	100,000	0	100,000	
Pipeline Construction Costs	1,900,000	0	1,900,000	
Year Total	2,000,000	0	2,000,000	
	<b>10,000,000</b>	<b>0</b>	<b>10,000,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Director of Asset Management	



## Project Summary

<b>Project Number:</b>	2599BD1105	
<b>Title:</b>	Building Upgrades Water Resource Recovery Facility	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	99 - General Administration - Sewer	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	



<b>Project Description</b>				
This project is about the traditional building infrastructure at 1250 Sweetwater Road. This project funds the capital repairs and replacement of equipment for the operations, control, mechanical, solids handling, odor control and office buildings at the WRRF.				
<b>Project Internal Staff</b>				
Buildings Division and Treatment Staff will manage and deliver the work.				
<b>Project Justification</b>				
All of the building roofs were last replaced in 1995 with the major plant improvements project. The roofs are 20 year roofs and are scheduled for replacement in 2023. The exterior of buildings is on a 6/7 year cycle for painting. The interior of the buildings is on a 5/6 year cycle for painting. In 2018-19 a new automated gate will be installed for security purposes at the entrance to the WRRF. This gate includes automated access and security features.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Security Gate Purchase and Installation	80,000	0	80,000	
Year Total	80,000	0	80,000	
2021				
Paint exterior of WRRF	40,000	0	40,000	
Year Total	40,000	0	40,000	
2022				
Paint interior of WRRF	25,000	0	25,000	
Year Total	25,000	0	25,000	
2023				
Roof replacement on all structures	50,000	0	50,000	
Year Total	50,000	0	50,000	
2024				
Roof replacement on all structures	275,000	0	275,000	
Year Total	275,000	0	275,000	
	<b>470,000</b>	<b>0</b>	<b>470,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2018		Water/Wastewater Supervisor	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	2599BD1802		
<b>Title:</b>	Treatment Plant Fire Panel Replacement		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	99 - General Administration - Sewer		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Replacement of current Fire Panel with a current up to code unit that has the ability to give fire department pinpoint locations in the event of a facility fire.				
<b>Project Internal Staff</b>				
Building Maintenance				
<b>Project Justification</b>				
During this year's Fire Inspections both the Fire Marshall and alarm rep. suggested an update to current system that is currently at the end of its life span and not up to date with its ability to give detailed information to the Fire Department on fire locations inside of the facility. Due to the critical nature of the facility for the community's basic needs to function it is a critical piece of infrastructure that needs to be at the top of our list for protection and preservation.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Contingency	7,200	0	7,200	
Internal Services	1,800	0	1,800	
Treatment Plant Fire Panel	56,000	0	56,000	
Year Total	65,000	0	65,000	
	<b>65,000</b>	<b>0</b>	<b>65,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018	Jul 1, 2018		Buildings Superintendent	Jul 31, 2018



## Project Summary

<b>Project Number:</b>	2599DI1104	
<b>Title:</b>	Sewer Pumping Station Improvements	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	99 - General Administration - Sewer	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	SS - Sewer System	

<b>Project Description</b>				
The District owns 18 sewer pumping stations in Incline Village and Crystal Bay to transport raw sewage to the wastewater treatment plant on Sweetwater Road. The stations were constructed in the 1960s and 1970s and have provided reliable service. The stations range from serving just a few houses to pumping almost half of the sewage flow in the District. The large sewer pumping stations are generally masonry block unit buildings and the small stations are below grade metal structures (dry well can and wet well). The stations contain the mechanical and electrical equipment to pump sewage to the wastewater treatment plant from the 8000+ sewer customers. The equipment in the station includes pumps, motors, grinders, odor scrubbers, motor soft starts, variable frequency drives, telemetry equipment, motor control cabinets, automatic transfer switches, emergency generators, fuel tanks, check valves, isolation valves, instrumentation equipment, communication equipment, piping and other miscellaneous equipment. Our mission is to maintain the excellent condition and reliability of our aging infrastructure to collect and pump sewage to the wastewater treatment plant and to protect the environment.				
<b>Project Internal Staff</b>				
Staff involvement is the removal, procurement, and replacement of equipment with rebuilt or new equipment. Larger pump station capital improvement projects will be contracted out and supervised by Public Works staff.				
<b>Project Justification</b>				
This project funds the annual replacement of the equipment listed above at the sewer pumping stations. Staff performs inspections and maintenance on sewer pumping stations and plans future major upgrades as equipment reaches the end of its useful life. The age of the equipment, the number of hours of operation and other equipment analyses such as vibration testing dictate replacement or rehabilitation of the equipment to maintain this reliability to provide continuous service. The forecast contains staffs best projection of the work to be performed. The 2018-2019 fiscal year includes scheduled work at several sewer pump stations in the District. Installation of emergency bypass connections at SPS-2, SPS-7, and SPS-10 to be able to pump sewage from the wet well to the sewage forcemain in the event of complete station failure. SPS #7 will replace suction valves, discharge valves and discharge header piping.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Electrical, Mechanical, and Pumping Improvements at Various Stations	45,000	0	45,000	
SPS-7 Improvements Design	10,000	0	10,000	
Year Total	55,000	0	55,000	
2020				
SPS-7 Construction	50,000	0	50,000	
Year Total	50,000	0	50,000	
2021				
Electrical, Mechanical, and Pumping Improvements at Various Stations	30,000	0	30,000	
Year Total	30,000	0	30,000	
2022				
Electrical, Mechanical, and Pumping Improvements at Various Stations	30,000	0	30,000	
Year Total	30,000	0	30,000	
2023				
Electrical, Mechanical, and Pumping Improvements at Various Stations	30,000	0	30,000	
Year Total	30,000	0	30,000	
	<b>195,000</b>	<b>0</b>	<b>195,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Principal Engineer	



## Project Summary

<b>Project Number:</b>	2599DI1703		
<b>Title:</b>	Sewer Pump Station #1 Improvements		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - General Administration - Sewer		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	DI - Distribution Infrastructure		

<b>Project Description</b>			
<p>The District owns 18 sewer pumping stations in Incline Village and Crystal Bay. Sewer Pump Station #1 collects and transports 50% of the raw sewage and transport to the wastewater treatment plant on Sweetwater Road. If something were to happen to Sewer Pump Station #8 there is a direct bypass that would send all of the raw sewage to Sewer Pump Station #1, thus accounting for 75% of the raw sewage in the District. Constructed in the early 1970s this station has provided reliable service. The station contains the mechanical and electrical equipment to pump sewage to the wastewater treatment plant. The equipment in the station to be replaced as a part of this project are the variable frequency drives for the three pumps. Our mission is to maintain the excellent condition and reliability of our aging infrastructure to collect and pump sewage to the wastewater treatment plant and to protect the environment.</p>			
<b>Project Internal Staff</b>			
Staff involvement is the coordination and contracting of the removal, procurement, and replacement of equipment with rebuilt or new equipment.			
<b>Project Justification</b>			
This project funds the replacement of the equipment listed above at sewer pumping station #1. The age of the equipment, the number of hours of operation and other equipment analyses dictate replacement or rehabilitation of the equipment to maintain this reliability to provide continuous service. The forecast contains staffs best projection of the work to be performed.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Construction	100,000	0	100,000
Year Total	100,000	0	100,000
	<b>100,000</b>	<b>0</b>	<b>100,000</b>
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>
2017			Principal Engineer
			<b>Est. Completion Date</b>



## Project Summary

<b>Project Number:</b>	2599SS1102	
<b>Title:</b>	Water Resource Recovery Facility Improvements	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	99 - General Administration - Sewer	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	SS - Sewer System	

<b>Project Description</b>	<p>The District's water resource recovery facility (WRRF) treats all of the raw sewage from the communities of Incline Village and Crystal Bay. The original treatment plant was built in 1962 and went through many upgrades as the community grew in size. The current plant configuration is largely the same from the major renovation in 1992 that replaced most equipment and processes. The plant is rated to treat 2.14 mgd by the State of Nevada. The plant has preliminary treatment, aeration, sedimentation, disinfection and solids dewatering processes to treat the raw sewage. Each of these processes consist of electrical, mechanical, instrumentation, and communication equipment. The plant also has chemical storage, fuel storage, overflow ponds, effluent storage reservoir, emergency generator, and other miscellaneous structures.</p>
<b>Project Internal Staff</b>	<p>Staff selects, purchases and installs small equipment projects. Larger replacement projects are bid to outside contractors.</p>
<b>Project Justification</b>	<p>The majority of equipment and processes at the WRRF are 20 years old. The WRRF has sufficient capacity and redundancy that has kept the operating hours low for a number of pieces of equipment. Some equipment is run 24/7 necessitating frequent replacement. The forecast is staff's projection of the needed equipment replacement. The existing emergency generator fuel tank is located above ground and has been identified for replacement. The polymer system for the solids dewatering process will be replaced in 2018-19.</p>

<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Centrifuge Rebuild	60,000	0	60,000	
City Water Air Gap System	15,000	0	15,000	
Equipment improvements	10,000	0	10,000	
Polymer feed system improvements	35,000	0	35,000	
Year Total	120,000	0	120,000	
2020				
Centrifuge Rebuild	60,000	0	60,000	
Equipment improvements	15,000	0	15,000	
Year Total	75,000	0	75,000	
2021				
Equipment improvements	75,000	0	75,000	
Year Total	75,000	0	75,000	
2022				
Equipment improvements	75,000	0	75,000	
Year Total	75,000	0	75,000	
2023				
Equipment improvements	75,000	0	75,000	
Year Total	75,000	0	75,000	
2024				
Emergency generator replacement	300,000	0	300,000	
Year Total	300,000	0	300,000	
2025				
Equipment improvements	100,000	0	100,000	
Year Total	100,000	0	100,000	
2026				
Equipment improvements	100,000	0	100,000	
Year Total	100,000	0	100,000	
2027				
Equipment improvements	100,000	0	100,000	
Year Total	100,000	0	100,000	
2028				
Equipment improvements	100,000	0	100,000	
Year Total	100,000	0	100,000	
	<b>1,120,000</b>	<b>0</b>	<b>1,120,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2018		Water/Wastewater Supervisor	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	2599SS1103	
<b>Title:</b>	Wetlands Effluent Disposal Facility Improvements	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	99 - General Administration - Sewer	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	SS - Sewer System	



<b>Project Description</b>				
The District owns and maintains 900 acres of land in Douglas County for the disposal of wastewater treatment plant effluent, at the end of the effluent export pipeline. The facility was constructed in 1983 as a beneficial reuse project by creating wetland cells for wildlife habitat. The effluent is distributed through the various cells via channels and pipes for transportation, evaporation and percolation. The property also contains a large area of warm water springs that is kept separate from the effluent cells. The underlying geology of the site poses challenges as the alkali dissolves causing short circuiting of flows from cell to cell. There is an extensive system for the wetland cells and surrounding levees to protect the facility from flooding. There is a road network of over 10.5 miles within the wetlands facility, with an additional 4.5 miles of levees, a control building and infrastructure for controlling the flow of effluent to and between cells.				
<b>Project Internal Staff</b>				
Public Works staff performs some of the maintenance and repairs at the facility, while larger projects may be contracted out with design and inspection being provided by staff.				
<b>Project Justification</b>				
The levees and roadways need to be maintained and resurfaced due to years of wear and tear as well as sub-grade subsidence. The District used to be able to obtain grindings from various projects at no cost. That is no longer the case and materials for repairs must be purchased. With the continued subsidence along levees and roadways we are installing barriers in the levees and roadways to reduce and/or eliminate the short circuiting between cells. With the facility being 33 years old, there are infrastructure improvements that need to be addressed in order to keep the facility in good working order such as replacement of piping, valves, vegetation control, invasive weed mitigation, master inflow meter and sample stand, plus reroofing of the control building. To date we have resurfaced approximately 5 miles of road, replaced 2 main control valves and replaced the HVAC unit as well as ducting in the control building.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Resurface roadways, replace valves and install cut-off barriers in levees.	100,000	0	100,000	
Year Total	100,000	0	100,000	
2020				
Re-roof control building.	25,000	0	25,000	
Resurface roadways, replace valves and install cut-off barriers in levees.	75,000	0	75,000	
Year Total	100,000	0	100,000	
2021				
Resurface roadways, replace valves and install cut-off barriers in levees.	100,000	0	100,000	
Year Total	100,000	0	100,000	
2022				
Resurface roadways, replace valves and install cut-off barriers in levees.	100,000	0	100,000	
Year Total	100,000	0	100,000	
2023				
Resurface roadways, replace valves and install cut-off barriers in levees.	100,000	0	100,000	
Year Total	100,000	0	100,000	
	<b>500,000</b>	<b>0</b>	<b>500,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2018		Utilities Maintenance Specialist	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	2599SS1203		
<b>Title:</b>	Replace & Reline Sewer Mains, Manholes and Appurtenances		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	99 - General Administration - Sewer		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	SS - Sewer System		

**Project Description**

This project includes the replacement and rehabilitation of sewer mains, manhole and appurtenances. Sections of sewer line, manholes and air relief valve rehabilitation have been identified for replacement. A priority list has been developed by Public Works staff. In addition to regular maintenance, sewer rehabilitation projects help the District to stay in compliance with Nevada Department of Environmental Protection (NDEP) permits and avoid sanitary sewer overflows. The District maintains approximately 1,800 manholes, 100 miles of gravity mains, 32 miles of force main and 79 air relief valves.

**Project Internal Staff**

Public Works staff will perform design, bid, contract administration and inspection. Larger projects will be contracted out while smaller projects will be performed by Public Works staff.

**Project Justification**

Line blockages and ground water intrusion increases the District's operating costs and puts the District at risk of violating its (NDEP) permit and potentially incur fines. Typically older clay sewers exhibit poor performance and are likely candidates for blockages and increased maintenance activities mainly due to root intrusion. There are manholes throughout the service area that require rehabilitation to prevent groundwater intrusion, which can also cause the concrete structure to deteriorate and to possibly collapse. By keeping close track if line blockages, customer complaints and closed circuit television (CCTV) inspection results, a priority list has been established for replacement or relining of sewer mains and manholes. The priority is based on a score, flow, proximity to streams and/or the lake. Older air release valves (arv's) are can be difficult to access and unsafe to work on. Parts for these valves are obsolete. By repairing faulty mains and manholes, we also reduce the potential for sewer overflows in storm events while reducing the flows to the wastewater treatment plant. This works in conjunction with a strong preventative maintenance program of line cleaning and CCTV work. Extensive sewer main rehabilitation work was done in 2014 by CIPP lining and future project are planned for anticipated failures as pipes age. ARV replacements are ongoing by IVGID crews.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Internal Services	5,000	0	5,000
Manhole Rehabilitation	75,000	0	75,000
Year Total	80,000	0	80,000
2020			
Internal Services	5,000	0	5,000
Manhole Rehabilitation	75,000	0	75,000
Year Total	80,000	0	80,000
2021			
Internal Services	5,000	0	5,000
Manhole Rehabilitation	50,000	0	50,000
Year Total	55,000	0	55,000
2022			
Internal Services	10,000	0	10,000

Replace Air Relief Valves and Appurtenances	50,000	0	50,000
Sewer Main Rehabilitation	100,000	0	100,000
Year Total	160,000	0	160,000
2023			
Internal Services	5,000	0	5,000
Manhole Rehabilitation	50,000	0	50,000
Year Total	55,000	0	55,000
2024			
Construction Inspection & Testing	40,000	0	40,000
Internal Services	50,000	0	50,000
Manhole Rehabilitation	75,000	0	75,000
Sewer Main Rehabilitation	500,000	0	500,000
Year Total	665,000	0	665,000
2025			
Internal Services	5,000	0	5,000
Sewer Main Rehabilitation	500,000	0	500,000
Year Total	505,000	0	505,000
2026			
Internal Services	5,000	0	5,000
Manhole Rehabilitation	50,000	0	50,000
Year Total	55,000	0	55,000
2027			
Internal Services	5,000	0	5,000
Manhole Rehabilitation	50,000	0	50,000
Year Total	55,000	0	55,000
2028			
Construction Inspection & Testing	5,000	0	5,000
Internal Services	5,000	0	5,000
Manhole Rehabilitation	100,000	0	100,000
Replace Air Relief Valves and Appurtenances	50,000	0	50,000
Year Total	160,000	0	160,000
2029			
Internal Services	5,000	0	5,000
Manhole Rehabilitation	50,000	0	50,000
Year Total	55,000	0	55,000
2030			
Internal Services	5,000	0	5,000
Manhole Rehabilitation	50,000	0	50,000
Year Total	55,000	0	55,000

2031			
Internal Services	5,000	0	5,000
Manhole Rehabilitation	50,000	0	50,000
Year Total	55,000	0	55,000
2032			
Construction Inspection & Testing	5,000	0	5,000
Internal Services	5,000	0	5,000
Sewer Main Rehabilitation	100,000	0	100,000
Year Total	110,000	0	110,000
2033			
Construction Inspection & Testing	40,000	0	40,000
Internal Services	50,000	0	50,000
Manhole Rehabilitation	150,000	0	150,000
Sewer Main Rehabilitation	1,000,000	0	1,000,000
Year Total	1,240,000	0	1,240,000
2034			
Manhole Rehabilitation	150,000	0	150,000
Sewer Main Rehabilitation	1,000,000	0	1,000,000
Year Total	1,150,000	0	1,150,000
2038			
Replace Air Relief Valves and Appurtenances	50,000	0	50,000
Year Total	50,000	0	50,000
	<b>4,585,000</b>	<b>0</b>	<b>4,585,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Senior Engineer	



## Project Summary

<b>Project Number:</b>	2599SS1702		
<b>Title:</b>	WRRF Biosolids Bins		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	99 - General Administration - Sewer		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	SS - Sewer System		

**Project Description**  
 The Water Resource Recovery Facility treat the wastewater received from the service area to secondary standards. The effluent is pumped to the District's wetlands effluent disposal facility in the Carson Valley. The wastewater solids, biosolids are further processed to removed the water to make disposal more efficient. The solids handling process turn biosolids that are 0.5% solids and 99.5% water to 25% solids and 75% water. The consistency of these solids is similar to wet soil. These solids are then transported to Bently Agrodynamics for further processing in a composting facility to create solids that can be land applied according to Federal Law.

**Project Internal Staff**  
 Staff will identify and purchase new bins.

**Project Justification**  
 The biosolids are transported in 20-yard steel bins with tight fitting covers. The District employs a Class A driver to transport these to Bently Agrodynamics in the Carson Valley. The District hauls approximately 3 to 5 full bins per week of biosolids for a total of 400 dry tons per year. The bins need to be replaced on a 10 to 12 year cycle. This project is for the replacement of the 3 existing bins.

<b>Forecast</b>			
Budget Year	Total Expense	Total Revenue	Difference
2019			
Purchase 3 20-yd biosolid bins	60,000	0	60,000
Year Total	60,000	0	60,000
2020			
Purchase 3 20-yd biosolid bins	30,000	0	30,000
Year Total	30,000	0	30,000
2024			
Purchase 3 20-yd biosolid bins	45,000	0	45,000
Year Total	45,000	0	45,000
	<b>135,000</b>	<b>0</b>	<b>135,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2017	Jul 1, 2018			Dec 31, 2018



## Project Summary

<b>Project Number:</b>	2599SS1707	
<b>Title:</b>	WRRF Aeration System Improvements	
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities	
<b>Division:</b>	99 - General Administration - Sewer	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	SS - Sewer System	

### Project Description

The Wastewater Resource Recovery Facility (WRRF) was constructed by Incline Village General Improvement District (IVGID) in 1962. Since that time, there have been several upgrades and process replacements/improvements to modernize the WRRF and replace aging infrastructure. The aeration process of wastewater treatment supplies oxygen to facilitate the biological activity that converts raw sewage into treated wastewater effluent. The plant has six 200,000 gallon aeration basins with two jet aeration clusters per basin. These clusters utilize pressurized air to mix and recirculate the wastewater and provide the necessary oxygen to the microorganisms. The pressurized air is delivered by multistage centrifugal blowers that are metered by electronically operated valves in order to keep the correct balance of oxygen in the aeration basins at all times.

### Project Internal Staff

Staff involvement is the coordination and contracting of the removal, procurement, and replacement of equipment with new equipment.

### Project Justification

This project funds the design and replacement of the aeration system equipment at the WRRF. The age of the equipment, the number of hours of operation, and condition assessment indicates the existing centrifugal blowers are at the end of their serviceable life. Additionally, the blowers are no longer supported by the manufacturer and replacement parts are difficult to acquire. The pre-design phase of this project will evaluate current blower and aeration technologies and will select the technology best suited to the conditions at the District's WRRF. The design phase of this project will assemble the plans and specifications to facilitate equipment acquisition and installation.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2019			
Design	100,000	0	100,000
Year Total	100,000	0	100,000
2020			
Construction	350,000	0	350,000
Year Total	350,000	0	350,000
	<b>450,000</b>	<b>0</b>	<b>450,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2017	Jul 1, 2018		Director of Asset Management	Jun 30, 2020



## Project Summary

<b>Project Number:</b>	2599SS2107		
<b>Title:</b>	Update Camera Equipment		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	99 - General Administration - Sewer		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	SS - Sewer System		

<b>Project Description</b>			
<p>The camera van is used by the Utility Division for camera work performed on the District's sewer lines. This process identifies the overall condition of the underground sewer system to help staff schedule needed repairs or line replacement. It is also used to quickly identify the cause of sewer overflows and sources of illegal discharges. The van itself is addressed as a separate project as it falls under a different schedule for vehicle replacement. This project deals with the actual camera equipment housed inside the van. Items such as the camera head, transporter, cable reel, computer and various electronic components are subject to a much higher degree of wear and tear and are therefore subject to a shorter life span. Advances in technology and equipment serviceability also play a part.</p>			
<b>Project Internal Staff</b>			
Fleet Maintenance and Pipeline Operations Staff			
<b>Project Justification</b>			
This camera equipment is critical to the operation of the Public Works Utility Division for identifying underground sewer pipelines in need of maintenance, repairs or replacement. Federal and state requirements mandate CCTV inspection of sewer systems. Results of inspections are required in the procurement of government funding for capital projects.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2020			
Sewer Inspection Equipment	58,000	0	58,000
Year Total	58,000	0	58,000
2030			
Sewer Inspection Equipment	65,000	0	65,000
Year Total	65,000	0	65,000
	<b>123,000</b>	<b>0</b>	<b>123,000</b>
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>
2012	Jul 1, 2021		Collection/Distribution Supervisor
			<b>Est. Completion Date</b>





## 2018/2019 - 5 Year Project Summary Totals - INTERNAL SERVICE

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total
<b>Internal Service</b>								
Fleet	5190ME1201	Replacement Shop Tools and Equipment	-	-	-	-	16,000	16,000
	5197CO1801	Fleet Software upgrade - manages rolling stock/equip	-	14,000	-	-	-	14,000
	<b>Total</b>		-	14,000	-	-	16,000	30,000
Buildings	5394LE1723	2003 Genie Scissor Lift	-	15,000	-	-	-	15,000
	5394LE1724	2004 Equipment Trailer (Tilt)	-	5,100	-	-	-	5,100
	5394LV1720	Replace 2005 Service Truck 4X4 (1-ton) #555	-	-	-	43,600	-	43,600
	5394LV1722	Replace 2004 Pick-up Truck 4X4 (1/2-ton) #540	-	-	5,000	-	-	5,000
	<b>Total</b>		-	20,100	5,000	43,600	-	68,700
		<b>Total Internal Service</b>	-	34,100	5,000	43,600	16,000	98,700





## Project Summary

<b>Project Number:</b>	5190ME1201		
<b>Title:</b>	Replacement Shop Tools and Equipment		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	90 - Equipment Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	ME - Mechanical Equipment		

<b>Project Description</b>				
This ongoing project is to replace old, worn out and outdated Fleet Shop tools and equipment, and purchase new specialty tools for new model year vehicles and equipment. These tools and equipment are essential to maintenance and repairs of all District rolling stock assets and the efficiency and safety of those operations. For 2017-18, the replacements are a Tire Machine, Lift for Tire Balancer & new Metal Cutting Band Saw.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
The existing tire mounting machine was originally purchased in 1996 and has exceeded its service life. Newer model vehicles and equipment are also coming with larger wheels and tires that are exceeding the capabilities of this machine. These larger tires and wheels also are much heavier and the new machine will be equipped with a lift to reduce the risk of injury when working on these larger tires. The Tire Balance machine purchased two years ago is sufficient to handle these larger tires but a lift for that existing machine will be purchased and added to reduce risk of injury. The existing Horizontal Metal Cutting Band Saw was originally purchased in 1987 and has exceeded its useful service life. This almost daily use piece of equipment is essential to metal working repairs and fabrication projects fleet performs.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
New & Replacement Tools & Equipment	16,000	0	16,000	
Year Total	16,000	0	16,000	
	<b>16,000</b>	<b>0</b>	<b>16,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2017		Fleet Superintendent	Oct 31, 2017



## Project Summary

<b>Project Number:</b>	5197CO1801		
<b>Title:</b>	Fleet Software upgrade - manages rolling stock/equip		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	CO - Computer Equipment		

**Project Description**  
 This is a scheduled upgrade of the Fleet Division's CFA (Computerized Fleet Analysis) equipment maintenance management software program. Presently Fleet utilizes the current 8.0 version. This program captures all maintenance costs and repair history of the District's vehicles and equipment, schedules the maintenance activities and maintains accurate inventory controls for all of Fleet's individual parts rooms. It is estimated that an upgrade of the program will be required every 8 to 10 years.

**Project Internal Staff**  
 Fleet Maintenance Staff will manage this project

**Project Justification**  
 Replacement of this software will be determined when support of currant version is no longer supported.

<b>Forecast</b>			
Budget Year	Total Expense	Total Revenue	Difference
2020			
Fleet Software	14,000	0	14,000
Year Total	14,000	0	14,000
2029			
Fleet Software	17,000	0	17,000
Year Total	17,000	0	17,000
	<b>31,000</b>	<b>0</b>	<b>31,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2017	Jul 1, 2018		Fleet Superintendent	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	5394LE1723		
<b>Title:</b>	2003 Genie Scissor Lift		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	94 - Building Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
This personnel lift is utilized throughout the District for jobs that require a high reach personnel platform. Jobs include replacing light bulbs, fixtures and ballasts, painting building interiors and exteriors, roof repairs, duct work and etc. This equipment has a scheduled replacement cycle of 15-years.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
The replacement of this equipment is subject to accrued maintenance cost, visual inspection and over all condition and will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Scissor Lift	15,000	0	15,000	
Year Total	15,000	0	15,000	
2035				
Scissor Lift	20,000	0	20,000	
Year Total	20,000	0	20,000	
	<b>35,000</b>	<b>0</b>	<b>35,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 31, 2019		Fleet Superintendent	Dec 31, 2019



## Project Summary

<b>Project Number:</b>	5394LE1724		
<b>Title:</b>	2004 Equipment Trailer (Tilt)		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	94 - Building Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
This equipment trailer is utilized specifically for the transport of personnel scissor lift #535, constructed by the Fleet Division it has a conservative life expectancy of 15-years.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This equipment trailer was constructed by the Fleet Division in January of 2004. Although it has an established replacement date of 15-years it will most likely be moved back in the CIP or could be replaced if the replaced personnel lift does not fit on this trailer				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Equipment Trailer	5,100	0	5,100	
Year Total	5,100	0	5,100	
2035				
Equipment Trailer	7,500	0	7,500	
Year Total	7,500	0	7,500	
	<b>12,600</b>	<b>0</b>	<b>12,600</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 31, 2019		Fleet Superintendent	Dec 31, 2019



## Project Summary

<b>Project Number:</b>	5394LV1720		
<b>Title:</b>	Replace 2005 Service Truck 4X4 (1-ton) #555		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	94 - Building Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles by the Fleet Division for the Building Maintenance Division. Vehicles are on a 10-year replacement program subject to mileage/hours accumulated, accrued maintenance cost, oil analysis reports and visual inspection. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This truck is operated by the Buildings Department and will be replaced by a used service truck transferred from Utilities to keep operating cost lower for this Internal Service where critical response or down time is not an issue.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Service Truck 4X4 (1-ton)	43,600	0	43,600	
Year Total	43,600	0	43,600	
	<b>43,600</b>	<b>0</b>	<b>43,600</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	Jul 1, 2010		Fleet Superintendent	Jun 30, 2011



## Project Summary

<b>Project Number:</b>	5394LV1722		
<b>Title:</b>	Replace 2004 Pick-up Truck 4X4 (1/2-ton) #540		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	94 - Building Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles by the Fleet Division for the Building Maintenance Division. Vehicles are on a 10-year replacement program subject to mileage/hours accumulated, accrued maintenance cost, oil analysis reports and visual inspection. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This truck is operated by the Buildings Department and will be replaced by a used service truck transferred from Utilities to keep operating cost lower for this Internal Service where critical response or down time is not an issue.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Service Truck 4X4 (1-ton)	5,000	0	5,000	
Year Total	5,000	0	5,000	
2029				
Service Truck 4X4 (1-ton)	42,000	0	42,000	
Year Total	42,000	0	42,000	
	<b>47,000</b>	<b>0</b>	<b>47,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013			Fleet Superintendent	



## 2018/2019 - 5 Year Project Summary Totals - GOLF

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total
Championship Golf	3141BD1703	Demolition of #10 Starter Shack	10,000	-	-	-	-	10,000
	3141BD1706	Venue Signage Enhancement	20,000	40,000	-	-	-	60,000
	3141FF1804	Champ Golf Exterior Icemaker Replacement	7,500	-	10,500	-	-	18,000
	3141GC1103	Irrigation Improvements	25,000	30,000	15,000	26,000	15,000	111,000
	3141GC1202	Championship Course Bunkers	10,000	-	-	-	-	10,000
	3141GC1501	Maintenance Building Drainage, Washpad and Pavement improvements	-	30,000	700,000	-	-	730,000
	3141GC1802	Championship Course Greens and Surrounds	15,000	15,000	-	-	325,000	355,000
	3141GC1803	Championship Course Tees	13,000	13,000	-	-	-	26,000
	3141LI1201	Pavement Maintenance of Parking Lots - Champ Course & Chateau	25,000	17,500	52,500	45,000	10,000	150,000
	3141LI1202	Pavement Maintenance of Cart Paths - Champ Course	55,000	60,000	62,500	55,000	55,000	287,500
	3142LE1720	1999 Ty-Crop Spreader #429	36,400	-	-	-	-	36,400
	3142LE1733	2005 Carryall Club Car #564	-	11,000	-	-	-	11,000
	3142LE1734	2005 Carryall Club Car #565	-	11,000	-	-	-	11,000
	3142LE1735	2005 Carryall Club Car #566	-	11,000	-	-	-	11,000
	3142LE1736	2005 Carryall Club Car #567	-	11,000	-	-	-	11,000
	3142LE1737	2006 Carryall Club Car #589	-	-	11,000	-	-	11,000
	3142LE1738	2006 Carryall Club Car #590	-	-	11,000	-	-	11,000
	3142LE1739	2006 Carryall Club Car #591	-	-	11,000	-	-	11,000
	3142LE1740	2007 Club Car Carryall Ball Picker #600	25,000	-	-	-	-	25,000
	3142LE1741	2016 Bar Cart #724	-	-	29,000	-	-	29,000
	3142LE1742	2016 Bar Cart #725	-	-	29,000	-	-	29,000
	3142LE1746	2012 JD 8500 Fairway Mower #670	-	-	58,000	-	-	58,000
	3142LE1747	2011 Toro Groundsmaster 4000D #650	-	-	50,000	-	-	50,000
	3142LE1748	2015 Toro Greensmaster 1600 #711	-	-	-	-	10,000	10,000
	3142LE1749	2015 Toro Greensmaster 1600 #712	-	-	-	-	10,000	10,000
	3142LE1750	2013 JD 3235 Fairway Mower #685	-	-	-	60,300	-	60,300
	3142LE1753	2011 Toro Greensmaster 1000 #652	14,500	-	-	-	-	14,500
	3142LE1754	2011 Toro Greensmaster 1000 #653	14,500	-	-	-	-	14,500
	3142LE1755	2011 Toro Greensmaster 1000 #654	14,500	-	-	-	-	14,500
	3142LE1756	2011 Toro Greensmaster 1000 #655	14,500	-	-	-	-	14,500
	3142LE1757	2011 Toro Greensmaster 1000 #656	14,500	-	-	-	-	14,500
	3142LE1758	2011 Toro Greensmaster 1000 #657	14,500	-	-	-	-	14,500
	3142LE1759	2014 3500D Toro Rotary Mower #693	-	-	-	38,000	-	38,000
	3142LE1760	2010 John Deere 8500 #641	-	87,200	-	-	-	87,200
	3142LE1861	Toro Greensmaster 1600	10,000	-	-	-	-	10,000
	3143GC1202	Driving Range Improvements	-	31,000	-	-	-	31,000
	3144FF1702	Replace Icemaker Championship Golf Course Cart Barn	-	-	-	10,980	-	10,980
	3153BD2001	Recoat Chateau F&B Grill and Catering Kitchen Floors	-	-	-	37,200	-	37,200
	3153FF1204	Champ Grille Kitchen Equipment	-	46,200	-	-	-	46,200
	3197HV1749	1997 1-Ton Dump Truck #419	-	42,000	-	-	-	42,000
	3197LE1720	1989 Lely Fertilizer Spreader #365	7,000	-	-	-	-	7,000
	3197LE1724	2000 Toro Spreader #462	-	12,500	-	-	-	12,500
	3197LE1726	2001 Spiker/Seeder #477	-	10,200	-	-	-	10,200
	3197LE1728	2013 Toro Top Dresser #686	-	-	-	13,000	-	13,000
	3197LE1731	2008 Planetair HD50 #616	-	-	35,000	-	-	35,000
	3197LE1732	2015 John Deere 1500 Fairway Aerator #716	-	27,000	-	-	-	27,000
	3197LE1733	2008 JD TC125 Core Harvester #621	-	-	-	12,400	-	12,400
	3197LE1734	2008 Bandit Brush Chipper #625	-	40,000	-	-	-	40,000
	3197LE1735	2017 TORO PROCORE 864 AERATOR #747	-	-	-	-	15,400	15,400
	3197LE1738	2004 John Deere Pro Gator #546	34,000	-	-	-	-	34,000
3197LE1740	2005 John Deere Pro Gator #569	-	34,500	-	-	-	34,500	

## 2018/2019 - 5 Year Project Summary Totals - GOLF

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total
	3197LE1741	2015 Greens Roller #715	-	15,000	-	-	-	15,000
	3197LE1742	2014 Vibratory Greens Roller #696	-	17,000	-	-	-	17,000
	3197LE1743	2000 John Deere 5310 Tractor #464	47,000	-	-	-	-	47,000
	3197LE1746	2004 John Deere 4410 Tractor #548	-	33,350	-	-	-	33,350
	3197LE1748	Replace Blade Grinding Equipment	25,000	-	41,200	-	-	66,200
	3197LE1753	2011 Toro Tri-Plex 3250D Mower #664	40,500	-	-	-	-	40,500
	3197ME1710	Maintenance Shop Crane and Equipment Lift	-	30,000	-	-	-	30,000
	3199OE1501	Championship Golf Printer Copier Replacement 955 Fairway	-	10,000	-	-	-	10,000
	Total		492,400	685,450	1,115,700	297,880	440,400	3,031,830
Mountain Golf	3241GC1101	Mountain Course Greens, Tees and Bunkers	23,000	42,000	12,000	-	-	77,000
	3241GC1404	Irrigation Improvements	-	46,000	-	-	30,000	76,000
	3241GC1502	Wash Pad Improvements	-	-	-	70,000	-	70,000
	3241GC1802	Mountain Course Clubhouse and Maintenance Building Water Service Line Replacement	-	65,000	-	-	-	65,000
	3241LI1704	Mountain Golf Course Cart Path Retaining Walls	12,500	17,500	37,500	12,500	12,500	92,500
	3241ME1804	Mountain Golf Fuel Storage Facility	-	50,000	-	-	-	50,000
	3242LE1725	2005 Carryall Club Car #568	-	12,000	-	-	-	12,000
	3242LE1726	2016 Bar Cart #726	-	-	29,000	-	-	29,000
	3242LE1728	2015 Toro 4000D Rough Mower #709	-	-	-	-	61,000	61,000
	3242LE1732	2016 Toro Tri-Plex Mower #614	-	-	-	-	43,400	43,400
	3242LI1204	Pavement Maintenance of Parking Lot - Mountain Golf Course	6,000	22,500	6,000	12,500	12,500	59,500
	3242LI1205	Pavement Maintenance of Cart Paths - Mountain Golf Course	45,000	40,000	45,000	45,000	45,000	220,000
	3299BD1403	Mountain Course Clubhouse and Maintenance Building Renovation and ADA Upgrades	-	-	-	-	95,000	95,000
	3299BD1705	Paint Exterior of Mountain Golf Clubhouse	27,800	-	-	-	-	27,800
	3299BD1801	Replace Carpet in Mountain Golf Clubhouse	24,000	-	-	-	-	24,000
	3299BD1803	Mountain Golf Roll Up Shop Doors	12,000	-	-	-	-	12,000
	Total		150,300	295,000	129,500	140,000	299,400	1,014,200



## Project Summary

<b>Project Number:</b>	3141BD1703		
<b>Title:</b>	Demolition of #10 Starter Shack		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	41 - Championship Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>					
Demolition of the old starter shack that is by the tee boxes on hole #10 at the Championship Golf Course. The shack was built sometime close to the development of the Championship Course. It no longer serves a purpose for the golf operation. The starter shack is structurally unsound and contaminated with mold and pests.					
<b>Project Internal Staff</b>					
IVGID Engineering, Golf Staff					
<b>Project Justification</b>					
The structure is unsafe to people and the environment. The shack is also very close or maybe within a stream zone environment.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2019					
#10 Starter Shack	10,000	0	10,000		
Year Total	10,000	0	10,000		
	<b>10,000</b>	<b>0</b>	<b>10,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2017			Director of Golf		



## Project Summary

<b>Project Number:</b>	3141BD1706		
<b>Title:</b>	Venue Signage Enhancement		
<b>Asset Class:</b>	C - Capital Improvement - New Initiatives		
<b>Division:</b>	41 - Championship Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
<p>Visual signage near the heavy traffic areas around the outside of the golf course are limited to nonexistent. Project is to construct 3 signs at the designated locations that match the design of all other IVGID signs, which is the stone structure with black plating and gold/copper lettering. The 3 locations of the proposed signs would be:</p> <ol style="list-style-type: none"> <li>1) Corner of Country Club Drive and Hwy 28</li> <li>2) Corner of Northwoods Blvd and Hwy 28</li> <li>3) Country Club Drive near the turn off to Fairway Blvd.</li> </ol>				
<b>Project Internal Staff</b>				
IVGID Engineering, Golf Staff, Director of Community Services				
<b>Project Justification</b>				
The amount and design of signage to guide our customers to our facilities is lacking in the areas of where we receive the most traffic through town. Being a public facility, we need to maximize the opportunity to capture our potential customers via awareness of who, what, and where we are. The access to the Championship Course & Chateau come through Highway 28 and Country Club Drive, hence the locations of the signs. This coincides with the Districts initiative of Company Branding.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Venue signage	20,000	0	20,000	
Year Total	20,000	0	20,000	
2020				
Venue signage	40,000	0	40,000	
Year Total	40,000	0	40,000	
	<b>60,000</b>	<b>0</b>	<b>60,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Director of Golf	



## Project Summary

<b>Project Number:</b>	3141FF1804		
<b>Title:</b>	Champ Golf Exterior Icemaker Replacement		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	41 - Championship Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	FF - Furniture and Fixtures		

<b>Project Description</b>				
Replace old unit with a new one that is capable of outdoor use and outdoor exposure both UV and water resistance.				
<b>Project Internal Staff</b>				
Building Maintenance				
<b>Project Justification</b>				
Old unit coming to the end of projected lifespan. Currently housed in a shed type structure new unit will be placed in a container that will protect it from wildlife and vandalism during closed hours of operation. During open hours, new unit will need to be, designed for outdoor use and outdoor abuse.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Fabricate icemaker enclosure	7,500	0	7,500	
Year Total	7,500	0	7,500	
2021				
Champ golf exterior icemaker	8,500	0	8,500	
Contingency	1,500	0	1,500	
Internal Services	500	0	500	
Year Total	10,500	0	10,500	
	<b>18,000</b>	<b>0</b>	<b>18,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	3141GC1103		
<b>Title:</b>	Irrigation Improvements		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	41 - Championship Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	GC - Golf Course Improvements		

<b>Project Description</b>			
Replacement of Championship Golf Course irrigation components, as well as additions and modifications to the existing system to enhance the efficiency of water application. This includes in-ground components such as sprinkler heads, wiring, mainline and lateral pipes, isolation valves, and quick coupler valves, as well as out of ground components such as field satellites, weather station, radio controls, and central control computer system.			
<b>Project Internal Staff</b>			
Golf Maintenance Staff will identify and install new components			
<b>Project Justification</b>			
Golf course irrigation component upgrades are necessary to address normal wear and tear and to continue to improve efficiency of water management. Current technology available will allow us to optimize the performance of the system. The hardware and software used to run the central control computer, sprinkler heads, and field satellites that communicate with the central control are all included. Recommended life cycles according to the Allied Associations of Golf (ASGCA, GCSAA, USGA, and GCBA): Central control system – computer hardware every 3 years; software as upgrades from the manufacturer (Rainbird) are introduced. Field satellites – approximately every 15-20 years the technology changes enough to look at upgrading the satellites. Sprinklers – on average every 10-15 years a complete head replacement program should be considered. Piping system – a properly designed, installed, and maintained pipe system in this climate should last a minimum of 25-30 years. The Championship Course irrigation system was installed in 2003.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
GPS/As-built upgrade	8,000	0	8,000
Hardware, Software upgrades	10,000	0	10,000
Reconfigure tee irrigation	7,000	0	7,000
Year Total	25,000	0	25,000
2020			
Field satellite internal component replacement	15,000	0	15,000
Reconfigure tee irrigation	7,000	0	7,000
Replace air relief valves	8,000	0	8,000
Year Total	30,000	0	30,000
2021			
Sprinkler head replacement	15,000	0	15,000
Year Total	15,000	0	15,000

2022			
Hardware, Software upgrades	11,000	0	11,000
Sprinkler head replacement	15,000	0	15,000
Year Total	26,000	0	26,000
2023			
Sprinkler head replacement	15,000	0	15,000
Year Total	15,000	0	15,000
2024			
Sprinkler head replacement	15,000	0	15,000
Year Total	15,000	0	15,000
2025			
Hardware, Software upgrades	12,000	0	12,000
Sprinkler head replacement	15,000	0	15,000
Year Total	27,000	0	27,000
2026			
Field satellite internal component replacement	40,000	0	40,000
Year Total	40,000	0	40,000
2028			
Hardware, Software upgrades	13,000	0	13,000
Year Total	13,000	0	13,000
2031			
Hardware, Software upgrades	14,000	0	14,000
Year Total	14,000	0	14,000
2033			
GPS/As-built upgrade	15,000	0	15,000
Pipe system replacement	1,000,000	0	1,000,000
Year Total	1,015,000	0	1,015,000
	<b>1,235,000</b>	<b>0</b>	<b>1,235,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Grounds Superintendent Golf Courses	



## Project Summary

<b>Project Number:</b>	3141GC1202		
<b>Title:</b>	Championship Course Bunkers		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	41 - Championship Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	GC - Golf Course Improvements		

**Project Description**  
 Long term capital maintenance of bunker infrastructures. Bunker drainage evaluation, rebuilding of bunker complexes, and bunker sand removal and replacement is the main focus of this project. Over the last two years, work on the greens bunkers has been the focus - sand and gravel removal, drainage replacement, and new sand installed. By the end of fiscal year 2017-18, it is anticipated that 90% of the greens bunkers will be complete. Fairway bunkers will then be completed over the course of two years.

**Project Internal Staff**  
 Golf maintenance staff will have complete involvement and input in all phases, from design through construction.

**Project Justification**  
 Bunker sand gets contaminated with silt and rock over time. Bunker drainage can get crushed, filled with tree roots, and ruined by rodents. As sand gets blasted from golf shots onto the turf surfaces, it carries with it gravel and other debris that affects the playability of the course as well as mower performance. Golf industry standards established by the Allied Associations of Golf (ASCGA, GCSAA, USGA, and GCBAA) state how long parts of a golf course should last. Greens are 15-30 years, tees are 15-20 years, bunker sand and drainage pipes are 5-10 years. All golf course infrastructure is evaluated annually to determine the need and time frame for rebuilding or replacement.

<b>Forecast</b>			
Budget Year	Total Expense	Total Revenue	Difference
2019			
Bunker renovation	10,000	0	10,000
Year Total	10,000	0	10,000
2027			
Replace bunker drainage/sand	50,000	0	50,000
Year Total	50,000	0	50,000
2028			
Replace bunker drainage/sand	50,000	0	50,000
Year Total	50,000	0	50,000
2029			
Replace bunker drainage/sand	50,000	0	50,000
Year Total	50,000	0	50,000
	<b>160,000</b>	<b>0</b>	<b>160,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
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2012		Grounds Superintendent Golf Courses	
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## Project Summary

<b>Project Number:</b>	3141GC1501		
<b>Title:</b>	Maintenance Building Drainage, Washpad and Pavement improvements		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	41 - Championship Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	GC - Golf Course Improvements		

<b>Project Description</b>				
Various site improvements to the Championship Golf Course Maintenance shop site. Includes paving, engineered material storage bins, wash pad in compliance with regulatory requirements, ADA access and drainage improvements				
<b>Project Internal Staff</b>				
Design by outside consultant with consultation of IVGID Engineering and Golf staff. IVGID Engineering Dept will manage contract and bidding process. Construction contract by outside contractor.				
<b>Project Justification</b>				
The Maintenance Building at the Championship Golf Course was constructed in 1992. The pavement has exceeded its useful life and has failed. The sidewalk and stairs into the shop have failed. The shop is seeing groundwater infiltration through the building slab during elevated precipitation events and wet seasons due to poor drainage at the site. Environmental concerns and proximity to a creek require formal improvements for equipment wash down and runoff retention. Modern washpad systems conserve water, improve safety and increase overall productivity.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Engineering services	25,000	0	25,000	
Internal Services	5,000	0	5,000	
Year Total	30,000	0	30,000	
2021				
Engineering services	10,000	0	10,000	
Internal Services	20,000	0	20,000	
materials testing	7,500	0	7,500	
Project improvements	662,500	0	662,500	
Year Total	700,000	0	700,000	
	<b>730,000</b>	<b>0</b>	<b>730,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Principal Engineer	



## Project Summary

<b>Project Number:</b>	3141GC1802		
<b>Title:</b>	Championship Course Greens and Surrounds		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	41 - Championship Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	GC - Golf Course Improvements		

<b>Project Description</b>				
Long term maintenance of green infrastructures, and resurfacing of greens and collars. Greens and collars will not be completely rebuilt in this plan, but rather resurfaced with the latest varieties of turf to take advantage of the latest in technology, as well as to eliminate the poa annual contamination that inevitably happens over time in this climate				
<b>Project Internal Staff</b>				
Golf maintenance staff will have complete involvement and input in all phases, from design through construction				
<b>Project Justification</b>				
Golf industry standards established by the Allied Associations of Golf (ASCGA, GCSAA, USGA, and GCBA) state how long parts of a golf course should last. Greens are 15-30 years, tees are 15-20 years, bunker sand and drainage pipes are 5-10 years. All golf course infrastructure is evaluated annually to determine the need and time frame for rebuilding or replacement				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Resurface collars PG, 1-9	15,000	0	15,000	
Year Total	15,000	0	15,000	
2020				
Resurface collars 10-18	15,000	0	15,000	
Year Total	15,000	0	15,000	
2023				
Resurface greens	325,000	0	325,000	
Year Total	325,000	0	325,000	
	<b>355,000</b>	<b>0</b>	<b>355,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Grounds Superintendent Golf Courses	



## Project Summary

<b>Project Number:</b>	3141GC1803		
<b>Title:</b>	Championship Course Tees		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	41 - Championship Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	GC - Golf Course Improvements		

<b>Project Description</b>				
Long term maintenance of tee infrastructures, and rebuilding/leveling of tees as needed. Red forward tees were added on several holes a few years ago and were very well received. The remaining red tees will be built over two years.				
<b>Project Internal Staff</b>				
Golf maintenance staff will have complete involvement and input in all phases, from design through construction				
<b>Project Justification</b>				
Golf industry standards established by the Allied Associations of Golf (ASCGA, GCSAA, USGA, and GCBA) state how long parts of a golf course should last. Tees are 15-20 years. All golf course infrastructure is evaluated annually to determine the need and time frame for rebuilding or replacement.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Build red tees on 1, 5, 13, 15	13,000	0	13,000	
Year Total	13,000	0	13,000	
2020				
Build red tees on 9, 10, 11, 16	13,000	0	13,000	
Year Total	13,000	0	13,000	
2024				
Rebuild/level tees	45,000	0	45,000	
Year Total	45,000	0	45,000	
	<b>71,000</b>	<b>0</b>	<b>71,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018				



## Project Summary

<b>Project Number:</b>	3141LI1201		
<b>Title:</b>	Pavement Maintenance of Parking Lots - Champ Course & Chateau		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	41 - Championship Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LI - Land Improvements		

### Project Description

Continued maintenance and repair of Championship Golf Course pavement assets. This includes the parking lot and sidewalks at the Chateau. Assets at the Mountain Course have their own data sheet. Engineering maintains a database on this and other facilities for pavement condition, past projects, and forecasts long-term maintenance and replacement needs.

### Project Internal Staff

Engineering to perform design, bid, contract administration and inspection tasks for maintenance projects. Maintenance Yard project engineering by outside consultant. All construction work to be done by outside contractor.

### Project Justification

Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. The Chateau lot was Slurry Sealed in 2015. High groundwater and age is requiring increased maintenance. Reconstruction is scheduled for 2024. Chateau entry concrete was replaced with pavers in 2016 and remaining sections are planned for future years. A separate project is planned for 2020 at the Maintenance Shop.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2019			
Crack Fill and repairs	15,000	0	15,000
Extend Chateau entry sidewalk	2,500	0	2,500
Internal Services	2,500	0	2,500
replace entry asphalt with pavers	5,000	0	5,000
Year Total	25,000	0	25,000
2020			
Crack Fill and repairs	15,000	0	15,000
Internal Services	2,500	0	2,500
Year Total	17,500	0	17,500
2021			
Internal Services	2,500	0	2,500
Slurry Seal & Stripe	50,000	0	50,000
Year Total	52,500	0	52,500
2022			
Crack Fill and repairs	15,000	0	15,000

Internal Services	5,000	0	5,000
Repair/Remove bag drop	25,000	0	25,000
Year Total	45,000	0	45,000
2023			
Crack Fill and repairs	10,000	0	10,000
Year Total	10,000	0	10,000
2024			
Crack Fill and repairs	5,000	0	5,000
Internal Services	10,000	0	10,000
Rebuilding Parking Lot	500,000	0	500,000
Year Total	515,000	0	515,000
2025			
Crack Fill and repairs	3,000	0	3,000
Year Total	3,000	0	3,000
2026			
Crack Fill and repairs	5,000	0	5,000
Year Total	5,000	0	5,000
2027			
Crack Fill and repairs	5,000	0	5,000
Slurry Seal & Stripe	15,000	0	15,000
Year Total	20,000	0	20,000
2028			
Crack Fill and repairs	5,000	0	5,000
Year Total	5,000	0	5,000
2029			
Crack Fill and repairs	5,000	0	5,000
Year Total	5,000	0	5,000
2030			
Internal Services	5,000	0	5,000
Slurry Seal & Stripe	50,000	0	50,000
Year Total	55,000	0	55,000
2031			
Crack Fill and repairs	7,500	0	7,500
Year Total	7,500	0	7,500
2032			
Crack Fill and repairs	5,000	0	5,000
Year Total	5,000	0	5,000
2034			
Crack Fill and repairs	10,000	0	10,000
Year Total	10,000	0	10,000
2035			
Internal Services	5,000	0	5,000

Slurry Seal & Stripe	35,000	0	35,000
Year Total	40,000	0	40,000
2036			
Internal Services	10,000	0	10,000
Year Total	10,000	0	10,000
	<b>830,500</b>	<b>0</b>	<b>830,500</b>

  

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012	Jul 1, 2016		Senior Engineer	Jun 30, 2017



## Project Summary

<b>Project Number:</b>	3141LI1202		
<b>Title:</b>	Pavement Maintenance of Cart Paths - Champ Course		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	41 - Championship Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LI - Land Improvements		

<b>Project Description</b>			
Continued maintenance and repair of Championship Golf Course cart paths. Assets at the Mountain Course have their own data sheet. Engineering maintains a database on this and other facilities for pavement condition, past projects, and forecasts long-term maintenance and replacement needs. This asset includes 250,000 sf of asphalt.			
<b>Project Internal Staff</b>			
Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.			
<b>Project Justification</b>			
Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate accelerate deterioration. These pathways see light use but also heavy damage due to age and irrigation and roots. Due to the nature of the facility and golf season regular small recurring annual projects are planned to keep up with a high level of service for the extensive cart path system .			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Internal Services	5,000	0	5,000
Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2020			
Internal Services	10,000	0	10,000
Section Replacement	50,000	0	50,000
Year Total	60,000	0	60,000
2021			
Crack Fill and maintenance	10,000	0	10,000
Internal Services	2,500	0	2,500
Section Replacement	50,000	0	50,000
Year Total	62,500	0	62,500
2022			
Internal Services	5,000	0	5,000



Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2023			
Internal Services	5,000	0	5,000
Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2024			
Internal Services	5,000	0	5,000
Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2025			
Internal Services	10,000	0	10,000
Sealing	125,000	0	125,000
Year Total	135,000	0	135,000
2026			
Crack Fill and maintenance	10,000	0	10,000
Internal Services	2,500	0	2,500
Year Total	12,500	0	12,500
2027			
Internal Services	5,000	0	5,000
Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2028			
Internal Services	5,000	0	5,000
Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2029			
Internal Services	5,000	0	5,000
Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2030			
Internal Services	10,000	0	10,000
Sealing	125,000	0	125,000
Year Total	135,000	0	135,000
2031			
Crack Fill and maintenance	10,000	0	10,000
Internal Services	2,500	0	2,500
Year Total	12,500	0	12,500
2032			
Internal Services	5,000	0	5,000

Section Replacement	50,000	0	50,000	
Year Total	55,000	0	55,000	
2033				
Internal Services	5,000	0	5,000	
Section Replacement	50,000	0	50,000	
Year Total	55,000	0	55,000	
2034				
Internal Services	5,000	0	5,000	
Section Replacement	50,000	0	50,000	
Year Total	55,000	0	55,000	
2035				
Crack Fill and maintenance	10,000	0	10,000	
Internal Services	10,000	0	10,000	
Sealing	125,000	0	125,000	
Year Total	145,000	0	145,000	
	<b>1,112,500</b>	<b>0</b>	<b>1,112,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2016		Senior Engineer	Jun 30, 2017



## Project Summary

<b>Project Number:</b>	3142LE1720		
<b>Title:</b>	1999 Ty-Crop Spreader #429		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
Replace TY-Crop Spreader (#429): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This equipment is used at both Golf Courses to apply sand and fertilizer (top dress) to fairways and has a conveyor system to renovate the sand in the bunkers. Presently this equipment is on a 10-years replacement schedule.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This equipment is critical to the Golf operation for top dressing of fairways and maintenance of sand bunkers. This piece of equipment is pulled behind a tractor and is hydraulically driven off the auxiliary system therefore no hour meter is utilized. This equipment is in the CIP replacement program schedule for 10-years. The final replacement date is subject to accumulated usage, accrued maintenance cost, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Spreader	36,400	0	36,400	
Year Total	36,400	0	36,400	
2029				
Spreader	37,500	0	37,500	
Year Total	37,500	0	37,500	
	<b>73,900</b>	<b>0</b>	<b>73,900</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2018		Fleet Superintendent	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	3142LE1733		
<b>Title:</b>	2005 Carryall Club Car #564		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Carryall (#564): The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment around the courses. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It is equipped with a dump bed for the release or spreading of material. Presently it is on a 8-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This Club Car Carryall is vital to the successful operation of the Golf Courses operation. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Carryall Club Car	11,000	0	11,000	
Year Total	11,000	0	11,000	
2032				
Carryall Club Car	12,000	0	12,000	
Year Total	12,000	0	12,000	
	<b>23,000</b>	<b>0</b>	<b>23,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2024		Fleet Superintendent	Jun 30, 2025



## Project Summary

<b>Project Number:</b>	3142LE1734		
<b>Title:</b>	2005 Carryall Club Car #565		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Carryall (#565): The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment around the courses. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It is equipped with a dump bed for the release or spreading of material. Presently it is on a 8-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This Club Car Carryall is vital to the successful operation of the Golf Courses operation. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Carryall Club Car	11,000	0	11,000	
Year Total	11,000	0	11,000	
2032				
Carryall Club Car	12,000	0	12,000	
Year Total	12,000	0	12,000	
	<b>23,000</b>	<b>0</b>	<b>23,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2024		Fleet Superintendent	Jun 30, 2025



## Project Summary

<b>Project Number:</b>	3142LE1735		
<b>Title:</b>	2005 Carryall Club Car #566		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Carryall (#566): The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment around the courses. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It is equipped with a dump bed for the release or spreading of material. Presently it is on a 8-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This Club Car Carryall is vital to the successful operation of the Golf Courses operation. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Carryall Club Car	11,000	0	11,000	
Year Total	11,000	0	11,000	
2032				
Carryall Club Car	12,000	0	12,000	
Year Total	12,000	0	12,000	
	<b>23,000</b>	<b>0</b>	<b>23,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2024		Fleet Superintendent	Jun 30, 2025



## Project Summary

<b>Project Number:</b>	3142LE1736		
<b>Title:</b>	2005 Carryall Club Car #567		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>	<p>Replace Carryall (#567): The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment around the courses. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It is equipped with a dump bed for the release or spreading of material. Presently it is on a 8-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>
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<b>Project Internal Staff</b>	Fleet Maintenance Staff will manage this project
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<b>Project Justification</b>	This Club Car Carryall is vital to the successful operation of the Golf Courses operation. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.
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<b>Forecast</b>																																	
<table border="1"> <thead> <tr> <th>Budget Year</th> <th>Total Expense</th> <th>Total Revenue</th> <th>Difference</th> </tr> </thead> <tbody> <tr> <td>2020</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Carryall Club Car</td> <td>11,000</td> <td>0</td> <td>11,000</td> </tr> <tr> <td>Year Total</td> <td>11,000</td> <td>0</td> <td>11,000</td> </tr> <tr> <td>2032</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Carryall Club Car</td> <td>12,000</td> <td>0</td> <td>12,000</td> </tr> <tr> <td>Year Total</td> <td>12,000</td> <td>0</td> <td>12,000</td> </tr> <tr> <td></td> <td><b>23,000</b></td> <td><b>0</b></td> <td><b>23,000</b></td> </tr> </tbody> </table>	Budget Year	Total Expense	Total Revenue	Difference	2020				Carryall Club Car	11,000	0	11,000	Year Total	11,000	0	11,000	2032				Carryall Club Car	12,000	0	12,000	Year Total	12,000	0	12,000		<b>23,000</b>	<b>0</b>	<b>23,000</b>	
Budget Year	Total Expense	Total Revenue	Difference																														
2020																																	
Carryall Club Car	11,000	0	11,000																														
Year Total	11,000	0	11,000																														
2032																																	
Carryall Club Car	12,000	0	12,000																														
Year Total	12,000	0	12,000																														
	<b>23,000</b>	<b>0</b>	<b>23,000</b>																														

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2024		Fleet Superintendent	Jun 30, 2025



## Project Summary

<b>Project Number:</b>	3142LE1737		
<b>Title:</b>	2006 Carryall Club Car #589		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Carryall (#589): The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment around the courses. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It is equipped with a dump bed for the release or spreading of material. Presently it is on a 8-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This Club Car Carryall is vital to the successful operation of the Golf Courses operation. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Carryall Club Car	11,000	0	11,000	
Year Total	11,000	0	11,000	
2033				
Carryall Club Car	12,000	0	12,000	
Year Total	12,000	0	12,000	
	<b>23,000</b>	<b>0</b>	<b>23,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2021		Fleet Superintendent	Jun 30, 2022





## Project Summary

<b>Project Number:</b>	3142LE1738		
<b>Title:</b>	2006 Carryall Club Car #590		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>	<p>Replace Carryall (#590): The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment around the courses. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It is equipped with a dump bed for the release or spreading of material. Presently it is on a 8-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>
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<b>Project Internal Staff</b>	Fleet Maintenance Staff will manage this project
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<b>Project Justification</b>	<p>This Club Car Carryall is vital to the successful operation of the Golf Courses operation. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2021			
Carryall Club Car	11,000	0	11,000
Year Total	11,000	0	11,000
2033			
Carryall Club Car	12,000	0	12,000
Year Total	12,000	0	12,000
	<b>23,000</b>	<b>0</b>	<b>23,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2021		Fleet Superintendent	Jun 30, 2022



## Project Summary

<b>Project Number:</b>	3142LE1739		
<b>Title:</b>	2006 Carryall Club Car #591		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Carryall (#591): The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment around the courses. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It is equipped with a dump bed for the release or spreading of material. Presently it is on a 8-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This Club Car Carryall is vital to the successful operation of the Golf Courses operation. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Carryall Club Car	11,000	0	11,000	
Year Total	11,000	0	11,000	
2033				
Carryall Club Car	12,000	0	12,000	
Year Total	12,000	0	12,000	
	<b>23,000</b>	<b>0</b>	<b>23,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2021		Fleet Superintendent	Jun 30, 2022



## Project Summary

<b>Project Number:</b>	3142LE1740		
<b>Title:</b>	2007 Club Car Carryall Ball Picker #600		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
Replace Club Car Carryall (#600): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This Club Car is a specially designed 4-wheel drive vehicle used by staff to retrieve golf balls from the driving range. Presently this equipment is on a 6-years replacement schedule and moved out to 10 years				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This equipment is critical to the Golf operation for maintaining customer service and operation of the driving range. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Club Car Ball Picker	25,000	0	25,000	
Year Total	25,000	0	25,000	
2028				
Club Car Ball Picker	23,300	0	23,300	
Year Total	23,300	0	23,300	
	<b>48,300</b>	<b>0</b>	<b>48,300</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2017		Fleet Superintendent	Jun 30, 2018



## Project Summary

<b>Project Number:</b>	3142LE1741		
<b>Title:</b>	2016 Bar Cart #724		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
Replace F&B car cart #724. The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment around the courses. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It is equipped with a dump bed for the release or spreading of material. Presently it is on a 8-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This cart is utilized by Championship golf course in their daily operation during the operating season for providing food and beverage services to customers on the courses. Equipment manufacturers' recommendation is replacement of this equipment approximately every five years. However, if these carts are still meeting golf staff requirements and maintenance repair costs continue to be low, these purchases will be moved back in the CIP.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Replace Bar Cart	29,000	0	29,000	
Year Total	29,000	0	29,000	
2028				
Replace Bar Cart	34,000	0	34,000	
Year Total	34,000	0	34,000	
	<b>63,000</b>	<b>0</b>	<b>63,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Feb 1, 2021		Fleet Superintendent	Apr 30, 2021



## Project Summary

<b>Project Number:</b>	3142LE1742		
<b>Title:</b>	2016 Bar Cart #725		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace F&amp;B car cart #725. The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment around the courses. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It is equipped with a dump bed for the release or spreading of material. Presently it is on a 8-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This cart is utilized by Championship Golf course in their daily operation during the operating season for providing food and beverage services to customers on the courses. Equipment manufacturers' recommendation is replacement of this equipment approximately every five years. However, if these carts are still meeting golf staff requirements and maintenance repair costs continue to be low, these purchases will be moved back in the CIP.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Replace Bar Cart	29,000	0	29,000	
Year Total	29,000	0	29,000	
2028				
Replace Bar Cart	34,000	0	34,000	
Year Total	34,000	0	34,000	
	<b>63,000</b>	<b>0</b>	<b>63,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Feb 1, 2021		Fleet Superintendent	Apr 30, 2021



## Project Summary

<b>Project Number:</b>	3142LE1746		
<b>Title:</b>	2012 JD 8500 Fairway Mower #670		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>	<p>This is a comprehensive program to purchase replacement equipment for both Golf courses. The CIP equipment replacement program is a scheduled cycle ranging from five (5) to fifteen (15) years. This program is a vital link in meeting turf maintenances standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. This fairway mower is on a 8-year replacement schedule, subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition.</p>
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<b>Project Internal Staff</b>	<p>Fleet Maintenance Staff will manage this project</p>
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<b>Project Justification</b>	<p>This equipment is a vital link in meeting turf maintenances standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. This mower will be replaced with a John Deere 8500 similar to our other fairway mowers. This will standardize our equipment, spare parts inventory and extra reels, already owned by golf, will be interchangeable with this mower.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2021			
Fairway Mower	58,000	0	58,000
Year Total	58,000	0	58,000
2030			
Fairway Mower	65,000	0	65,000
Year Total	65,000	0	65,000
	<b>123,000</b>	<b>0</b>	<b>123,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3142LE1747		
<b>Title:</b>	2011 Toro Groundskeeper 4000D #650		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

**Project Description**  
 This is a comprehensive program to purchase replacement equipment for both Golf courses. The CIP equipment replacement program is a scheduled cycle ranging from five (5) to fifteen (15) years. This program is a vital link in meeting turf maintenance standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. This rough mower is on a 6-year replacement schedule, subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition.

**Project Internal Staff**  
 Fleet Maintenance Staff will manage this project

**Project Justification**  
 History tells us that after this equipment type reaches 3000 hours of usage we may expect increased maintenance cost, elevated down time and a high probably of component failure. This equipment is a vital link in meeting turf maintenance standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.

<b>Forecast</b>			
Budget Year	Total Expense	Total Revenue	Difference
2021			
Toro Groundskeeper Mower	50,000	0	50,000
Year Total	50,000	0	50,000
2029			
Toro Groundskeeper Mower	60,000	0	60,000
Year Total	60,000	0	60,000
	<b>110,000</b>	<b>0</b>	<b>110,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2013	Feb 1, 2021		Fleet Superintendent	Apr 1, 2021



## Project Summary

<b>Project Number:</b>	3142LE1748		
<b>Title:</b>	2015 Toro Greensmaster 1600 #711		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

**Project Description**  
 Replace Toro Greens Master 1600 mower (#711): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This specialty reel mower is utilized daily to mow the greens collar areas at both the Championship and Mountain Golf Courses. This equipment is required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently this mower is on a 8-year replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.

**Project Internal Staff**  
 Fleet Maintenance Staff will manage this project

**Project Justification**  
 This mower is critical to the Championship and Mountain Golf Courses for mowing the collar areas around the putting greens. Required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. The final replacement date is subject to accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.

Forecast			
Budget Year	Total Expense	Total Revenue	Difference
2023			
Greensmaster 1600	10,000	0	10,000
Year Total	10,000	0	10,000
2024			
Greensmaster 1600	11,300	0	11,300
Year Total	11,300	0	11,300
	<b>21,300</b>	<b>0</b>	<b>21,300</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Fleet Superintendent	





## Project Summary

<b>Project Number:</b>	3142LE1749		
<b>Title:</b>	2015 Toro Greensmaster 1600 #712		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

**Project Description**  
 Replace Toro Greens Master 1600 mower (#712): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This specialty reel mower is utilized daily to mow the greens collar areas at both the Championship and Mountain Golf Courses. This equipment is required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently this mower is on a 8-year replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.

**Project Internal Staff**  
 Fleet Maintenance Staff will manage this project

**Project Justification**  
 This mower is critical to the Championship and Mountain Golf Courses for mowing the collar areas around the putting greens. Required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. The final replacement date is subject to accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.

Forecast			
Budget Year	Total Expense	Total Revenue	Difference
2023			
Greensmaster 1600	10,000	0	10,000
Year Total	10,000	0	10,000
2024			
Greensmaster 1600	11,300	0	11,300
Year Total	11,300	0	11,300
	<b>21,300</b>	<b>0</b>	<b>21,300</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3142LE1750		
<b>Title:</b>	2013 JD 3235 Fairway Mower #685		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>	<p>This is a comprehensive program to purchase replacement equipment for both Golf courses. The CIP equipment replacement program is a scheduled cycle ranging from five (5) to fifteen (15) years. This program is a vital link in meeting turf maintenances standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. This fairway mower is on a 8-year replacement schedule, subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition.</p>
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<b>Project Internal Staff</b>	<p>Fleet Maintenance Staff will manage this project</p>
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<b>Project Justification</b>	<p>This equipment is a vital link in meeting turf maintenances standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2022			
Fairway Mower	60,300	0	60,300
Year Total	60,300	0	60,300
	<b>60,300</b>	<b>0</b>	<b>60,300</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2021		Fleet Superintendent	Jun 30, 2022



## Project Summary

<b>Project Number:</b>	3142LE1753		
<b>Title:</b>	2011 Toro Greensmaster 1000 #652		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>	<p>Replace Toro Greens Master 1000 mower (#652): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This specialty reel mower is utilized daily to mow the putting greens at the Championship Golf Course. This equipment is required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently this mower is on a 6-year replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>
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<b>Project Internal Staff</b>	<p>Fleet Maintenance Staff will manage this project</p>
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<b>Project Justification</b>	<p>This mower is critical for mowing the putting greens at the Championship Golf Course. Required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently it is on a 6-year replacement schedule, the final replacement date is subject to accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Toro Greensmaster 1000	14,500	0	14,500
Year Total	14,500	0	14,500
2024			
Toro Greensmaster 1000	10,400	0	10,400
Year Total	10,400	0	10,400
	<b>24,900</b>	<b>0</b>	<b>24,900</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	Jan 31, 2019		Fleet Superintendent	Mar 31, 2019



## Project Summary

<b>Project Number:</b>	3142LE1754		
<b>Title:</b>	2011 Toro Greensmaster 1000 #653		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Toro Greens Master 1000 mower (#653): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This specialty reel mower is utilized daily to mow the putting greens at the Championship Golf Course. This equipment is required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently this mower is on a 6-year replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This mower is critical for mowing the putting greens at the Championship Golf Course. Required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently it is on a 6-year replacement schedule, the final replacement date is subject to accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Toro Greensmaster 1000	14,500	0	14,500	
Year Total	14,500	0	14,500	
2024				
Toro Greensmaster 1000	10,400	0	10,400	
Year Total	10,400	0	10,400	
	<b>24,900</b>	<b>0</b>	<b>24,900</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	Jan 1, 2019		Fleet Superintendent	Mar 31, 2019



## Project Summary

<b>Project Number:</b>	3142LE1755		
<b>Title:</b>	2011 Toro Greensmaster 1000 #654		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Toro Greens Master 1000 mower (#654): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This specialty reel mower is utilized daily to mow the putting greens at the Championship Golf Course. This equipment is required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently this mower is on a 6-year replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This mower is critical for mowing the putting greens at the Championship Golf Course. Required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently it is on a 6-year replacement schedule, the final replacement date is subject to accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Toro Greensmaster 1000	14,500	0	14,500	
Year Total	14,500	0	14,500	
2024				
Toro Greensmaster 1000	10,400	0	10,400	
Year Total	10,400	0	10,400	
	<b>24,900</b>	<b>0</b>	<b>24,900</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	Jan 31, 2019		Fleet Superintendent	Mar 31, 2019



## Project Summary

<b>Project Number:</b>	3142LE1756		
<b>Title:</b>	2011 Toro Greensmaster 1000 #655		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Toro Greens Master 1000 mower (#655): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This specialty reel mower is utilized daily to mow the putting greens at the Championship Golf Course. This equipment is required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently this mower is on a 6-year replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This mower is critical for mowing the putting greens at the Championship Golf Course. Required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently it is on a 6-year replacement schedule, the final replacement date is subject to accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Toro Greensmaster 1000	14,500	0	14,500	
Year Total	14,500	0	14,500	
2024				
Toro Greensmaster 1000	10,400	0	10,400	
Year Total	10,400	0	10,400	
2030				
Toro Greensmaster 1000	12,000	0	12,000	
Year Total	12,000	0	12,000	
	<b>36,900</b>	<b>0</b>	<b>36,900</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	Jan 31, 2019		Fleet Superintendent	Mar 31, 2019



## Project Summary

<b>Project Number:</b>	3142LE1757		
<b>Title:</b>	2011 Toro Greensmaster 1000 #656		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>
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Replace Toro Greens Master 1000 mower (#656): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This specialty reel mower is utilized daily to mow the putting greens at the Championship Golf Course. This equipment is required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently this mower is on a 6-year replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.

<b>Project Internal Staff</b>
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Fleet Maintenance Staff will manage this project

<b>Project Justification</b>
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This mower is critical for mowing the putting greens at the Championship Golf Course. Required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently it is on a 6-year replacement schedule, the final replacement date is subject to accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.

<b>Forecast</b>
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Budget Year	Total Expense	Total Revenue	Difference
2019			
Toro Greensmaster 1000	14,500	0	14,500
Year Total	14,500	0	14,500
2024			
Toro Greensmaster 1000	10,400	0	10,400
Year Total	10,400	0	10,400
2030			
Toro Greensmaster 1000	12,000	0	12,000
Year Total	12,000	0	12,000
	<b>36,900</b>	<b>0</b>	<b>36,900</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2013	Jan 31, 2019		Fleet Superintendent	Mar 31, 2019



## Project Summary

<b>Project Number:</b>	3142LE1758		
<b>Title:</b>	2011 Toro Greensmaster 1000 #657		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>	<p>Replace Toro Greens Master 1000 mower (#657): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This specialty reel mower is utilized daily to mow the putting greens at the Championship Golf Course. This equipment is required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently this mower is on a 6-year replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>
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<b>Project Internal Staff</b>	Fleet Maintenance Staff will manage this project
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<b>Project Justification</b>	<p>This mower is critical for mowing the putting greens at the Championship Golf Course. Required to meet turf maintenance standards and is a vital link in delivering a quality product and assuring consistent playing conditions. Presently it is on a 6-year replacement schedule, the final replacement date is subject to accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Toro Greensmaster 1000	14,500	0	14,500
Year Total	14,500	0	14,500
2024			
Toro Greensmaster 1000	10,400	0	10,400
Year Total	10,400	0	10,400
	<b>24,900</b>	<b>0</b>	<b>24,900</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	Jan 31, 2019		Fleet Superintendent	Mar 31, 2019





## Project Summary

<b>Project Number:</b>	3142LE1759		
<b>Title:</b>	2014 3500D Toro Rotary Mower #693		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Toro 3500D Rotary Mower (#693): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This mower is required to meet turf maintenance standards and is a vital link in assuring quality turf and playing condition at the Championship Golf Course. Specifically this mower will be utilized for mowing the areas around the greens and tee boxes. Presently this mower is on a 6-years replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This mower is critical to the Golf operation for maintaining a quality cut around the Championship Golf course greens and tee boxes. The mower is presently on a 6-year replacement schedule. The final replacement date will be determined by the accumulated equipment hours, accrued maintenance cost, oil analysis reports, visual inspection and overall condition.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Toro Rotary Mower	38,000	0	38,000	
Year Total	38,000	0	38,000	
	<b>38,000</b>	<b>0</b>	<b>38,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2021		Fleet Superintendent	Sep 30, 2021



## Project Summary

<b>Project Number:</b>	3142LE1760		
<b>Title:</b>	2010 John Deere 8500 #641		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>	<p>This is a comprehensive program to purchase replacement equipment for both courses. The CIP equipment replacement program is a scheduled cycle ranging from five (5) to fifteen (15) years. This program is a vital link in meeting turf maintenance standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. This fairway mower is on a 8-year replacement schedule, subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition.</p> <p>This new mower will be used at the Championship Course, and the oldest current Championship Course fairway mower will become the new Mountain Course fairway mower.</p>
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<b>Project Internal Staff</b>	Fleet Maintenance Staff will manage this project
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<b>Project Justification</b>	The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2020			
John Deere 8500	87,200	0	87,200
Year Total	87,200	0	87,200
2032			
John Deere 8500	66,000	0	66,000
Year Total	66,000	0	66,000
	<b>153,200</b>	<b>0</b>	<b>153,200</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3142LE1861		
<b>Title:</b>	Toro Greensmaster 1600		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	42 - Championship Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
Purchase of a walking tee mower				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff				
<b>Project Justification</b>				
Currently staff has two mowers for the tees, and it is very difficult for two people to mow tees and stay ahead of play. The third mower will greatly increase our ability to perform this task.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Toro Greensmaster 1600	10,000	0	10,000	
Year Total	10,000	0	10,000	
	<b>10,000</b>	<b>0</b>	<b>10,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018	Jul 2, 2018		Fleet Superintendent	Apr 30, 2019



## Project Summary

<b>Project Number:</b>	3143GC1202		
<b>Title:</b>	Driving Range Improvements		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	43 - Driving Range		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	GC - Golf Course Improvements		

<b>Project Description</b>				
This is an ongoing program to make improvements to the driving range features and infrastructure. This includes replacement of or improvements to the hitting surface areas, range tee dividers, and bag stands.				
<b>Project Internal Staff</b>				
Golf Staff will be involved in the acquisition and installation.				
<b>Project Justification</b>				
The equipment replacement program is an ongoing program designed to satisfy the needs of replacing daily use equipment. The program is a vital link in assuring a top quality product for the use of our customers. Our driving range is very heavily used by our customers.				
Hitting surfaces wear out over time and need to be replaced to ensure a top experience for our players. Mats were last purchased in 2016.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Hitting Surface,dividers,stands	31,000	0	31,000	
Year Total	31,000	0	31,000	
2024				
Hitting Surface,dividers,stands	34,000	0	34,000	
Year Total	34,000	0	34,000	
2028				
Improvement between mats and cart path	35,000	0	35,000	
Year Total	35,000	0	35,000	
	<b>100,000</b>	<b>0</b>	<b>100,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Grounds Superintendent Golf Courses	



## Project Summary

<b>Project Number:</b>	3144FF1702		
<b>Title:</b>	Replace Icemaker Championship Golf Course Cart Barn		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	44 - Championship Golf Carts		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	FF - Furniture and Fixtures		

<b>Project Description</b>				
The ice maker located in the Champ Golf Cart Barn is eight years old. It is used to fill the coolers used on all the golf carts. Based on estimated useful lives and knowledge of the performance of the current equipment, a replacement schedule has been developed for the equipment. It has been determined that replacement should be scheduled every five years				
<b>Project Internal Staff</b>				
Buildings Maintenance Staff				
<b>Project Justification</b>				
The equipment presented is a replacement of the same item as presently in service. There are no changes to capacities. However, properly performing equipment is essential to maintaining health and safety standards as well as serving customers timely and with a quality product.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Contingency	970	0	970	
Icemaker	9,700	0	9,700	
Internal Services	310	0	310	
Year Total	10,980	0	10,980	
2027				
Contingency	1,060	0	1,060	
Icemaker	10,600	0	10,600	
Internal Services	310	0	310	
Year Total	11,970	0	11,970	
	<b>22,950</b>	<b>0</b>	<b>22,950</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016	Jul 1, 2016		Buildings Superintendent	Sep 1, 2016



## Project Summary

<b>Project Number:</b>	3153BD2001	
<b>Title:</b>	Recoat Chateau F&B Grill and Catering Kitchen Floors	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	53 - Food & Beverage - Champ	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>				
Resurface and coat Chateau Grill and Catering F&B kitchen floor				
<b>Project Internal Staff</b>				
Buildings Maintenance Division				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our employee and guest experience. This project is designed to maintain the value of the Chateau assets. The Chateau F&B Grill and Catering kitchen floors were recoated in 2016/17. Normal wear has begun to degrade the initial coating. The District is currently standardizing the type of floor coating used in high traffic area such as kitchens bathrooms and decks/patios. A neogard epoxy compound is applied which adheres to the floor and wears much better than other products that have been used. It maintains the integrity of the floor, handles use much more efficiently and allows years between a floor recoat.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Contingency	5,000	0	5,000	
Internal Services	7,200	0	7,200	
Recoat Floor	25,000	0	25,000	
Year Total	37,200	0	37,200	
2027				
Contingency	7,000	0	7,000	
Internal Services	8,500	0	8,500	
Recoat Floor	30,000	0	30,000	
Year Total	45,500	0	45,500	
2028				
Internal Services	950	0	950	
Year Total	950	0	950	
2031				
Contingency	7,000	0	7,000	
Internal Services	10,000	0	10,000	
Recoat Floor	35,000	0	35,000	
Year Total	52,000	0	52,000	
	<b>135,650</b>	<b>0</b>	<b>135,650</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	3153FF1204		
<b>Title:</b>	Champ Grille Kitchen Equipment		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	53 - Food & Beverage - Champ		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	FF - Furniture and Fixtures		

<b>Project Description</b>	Staff has made an assessment of each major element of the Kitchen equipment. Based on estimated useful lives and knowledge of the performance of the current equipment, a replacement schedule has been developed and restated below.
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<b>Project Internal Staff</b>	Chef will receive equipment, set up and install with delivery person.
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<b>Project Justification</b>	Items presented are replacement of the same item as presently in service. There are no changes to capacities. However, properly performing equipment is essential to maintaining health and safety standards as well as serving customers timely and with a quality product.
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2020			
6 burner stove with oven	6,300	0	6,300
Dishwashing Machine	15,000	0	15,000
Double Fryer	6,300	0	6,300
Griddle with oven	6,300	0	6,300
Grill with oven	6,300	0	6,300
Slicer	6,000	0	6,000
Year Total	46,200	0	46,200
2030			
Alto Shaam	8,400	0	8,400
Year Total	8,400	0	8,400
	<b>54,600</b>	<b>0</b>	<b>54,600</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Food and Beverage Director	





## Project Summary

<b>Project Number:</b>	3197HV1749		
<b>Title:</b>	1997 1-Ton Dump Truck #419		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HV - Heavy Duty Vehicles		

<b>Project Description</b>	<p>This is the scheduled replacement of the Golf courses 1-ton dump truck. This vehicle is utilized daily during summer months for hauling sod, fill dirt, top soil, green waste and equipment necessary for the maintenance of both Championship and Mountain Golf Courses. Vehicles are on a 10-year replacement schedule but will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.</p>
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<b>Project Internal Staff</b>	<p>Fleet Maintenance Staff will manage this project</p>
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<b>Project Justification</b>	<p>This dump truck is utilized by both courses to haul material and debris. The replacement of this vehicle has been moved back in the CIP replacement schedule from 10-years to 21-years. This dump truck due to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition, and repair parts availability has reached the end of its useful service life and is no longer reliable and should be replaced.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2020			
Replace 1-Ton Dump Truck	42,000	0	42,000
Year Total	42,000	0	42,000
2028			
Replace 1-Ton Dump Truck	50,000	0	50,000
Year Total	50,000	0	50,000
	<b>92,000</b>	<b>0</b>	<b>92,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197LE1720		
<b>Title:</b>	1989 Lely Fertilizer Spreader #365		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
Replace Lely Fertilizer Spreader (#365): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This Fertilizer spreader is required for dispersing sand, seed and fertilizer at turf areas maintained by the golf courses. Presently this equipment is on a 12-years replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This material spreader is vital for a well maintained, healthy golf course operation and necessary to ensure quality turf conditions at both courses. This replacement was moved back in the CIP replacement program several years and will be 30 years old at its present scheduled replacement date. The final replacement date is subject to accrued maintenance cost, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Lely Fertilizer Spreader	7,000	0	7,000	
Year Total	7,000	0	7,000	
2032				
Lely Fertilizer Spreader	9,000	0	9,000	
Year Total	9,000	0	9,000	
	<b>16,000</b>	<b>0</b>	<b>16,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2019		Fleet Superintendent	Jun 30, 2020



## Project Summary

<b>Project Number:</b>	3197LE1724		
<b>Title:</b>	2000 Toro Spreader #462		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
Replace Toro Spreader (#462): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This equipment is used at both Golf Courses to apply sand and fertilizer (top dress) to Tee Boxes.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This equipment is critical to the Golf operation for top dressing of Tee Boxes. This piece of equipment is pulled behind a tractor and is hydraulically driven off the auxiliary system therefore no hour meter is utilized. The final replacement date is subject to accumulated usage, accrued maintenance cost, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Toro Spreader	12,500	0	12,500	
Year Total	12,500	0	12,500	
2027				
Toro Spreader	15,000	0	15,000	
Year Total	15,000	0	15,000	
2035				
Toro Spreader	17,500	0	17,500	
Year Total	17,500	0	17,500	
	<b>45,000</b>	<b>0</b>	<b>45,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197LE1726		
<b>Title:</b>	2001 Spiker/Seeder #477		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
Replace Spiker/Seeder (#477): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This equipment is used to seed areas on fairways and tee boxes.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This equipment is critical to the Golf operation for reseeding areas of fairways and tee boxes at both courses. This unit is towed behind a tractor or John Deere Gator maintenance vehicle and therefore has no hour meter. This equipment replacement has been moved back in the CIP replacement program multiple times. The final replacement date is subject to accumulated usage, accrued maintenance cost, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Spiker/Seeder	10,200	0	10,200	
Year Total	10,200	0	10,200	
2029				
Spiker/Seeder	12,500	0	12,500	
Year Total	12,500	0	12,500	
	<b>22,700</b>	<b>0</b>	<b>22,700</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2019		Fleet Superintendent	Jun 30, 2020



## Project Summary

<b>Project Number:</b>	3197LE1728		
<b>Title:</b>	2013 Toro Top Dresser #686		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>					
Replace Toro Top Dresser (#686): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This equipment is used at both Golf Courses to apply sand and fertilizer (top dress) to putting greens and tee boxes. Presently this equipment is on a 8-years replacement schedule.					
<b>Project Internal Staff</b>					
Fleet Maintenance Staff will manage this project					
<b>Project Justification</b>					
This equipment is critical to the Golf operation for top dressing of putting greens and tee boxes. This piece of equipment is mounted to a John Deere Gator Maintenance vehicle and is hydraulically driven off the auxiliary system therefore no hour meter is utilized. The final replacement date is subject to accumulated usage, accrued maintenance cost, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2022					
Top Dresser	13,000	0	13,000		
Year Total	13,000	0	13,000		
	<b>13,000</b>	<b>0</b>	<b>13,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2012			Fleet Superintendent		



## Project Summary

<b>Project Number:</b>	3197LE1731		
<b>Title:</b>	2008 Planetair HD50 #616		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
Replace Planetair HD50 (#616): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This equipment is used to aerate tees and putting greens at both golf courses. Presently this unit is on a 6-year replacement schedule.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This equipment is critical to the Golf operation for maintaining the quality playing surface of the putting greens and tee boxes at both golf courses. This unit is used to aerate the soil of putting greens and tee boxes during the playing season with minimal turf damage and without causing any disturbance of playing customers. This equipment is in the CIP replacement program schedule for 6-years. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Planetair HD50	35,000	0	35,000	
Year Total	35,000	0	35,000	
2024				
Planetair HD50	35,000	0	35,000	
Year Total	35,000	0	35,000	
2030				
Planetair HD50	37,500	0	37,500	
Year Total	37,500	0	37,500	
2036				
Planetair HD50	40,000	0	40,000	
Year Total	40,000	0	40,000	
	<b>147,500</b>	<b>0</b>	<b>147,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197LE1732		
<b>Title:</b>	2015 John Deere 1500 Fairway Aerator #716		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

### Project Description

This is a comprehensive program to purchase replacement equipment for both Golf courses. The CIP equipment replacement program is a scheduled cycle ranging from five (5) to fifteen (15) years. This program is a vital link in meeting turf maintenances standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. Specifically utilized at both the Championship and Mountain Golf Courses for aerating the fairways, this aerator is on a 6-year replacement schedule, subject to maintenance cost, visual inspection and overall condition.

### Project Internal Staff

Fleet Maintenance Staff will manage this project

### Project Justification

Presently this aerator is on a 6-year replacement schedule. This equipment is a vital link in meeting turf maintenances standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2020			
Toro Greens Aerator	27,000	0	27,000
Year Total	27,000	0	27,000
2025			
Toro Greens Aerator	32,500	0	32,500
Year Total	32,500	0	32,500
2029			
Toro Greens Aerator	35,000	0	35,000
Year Total	35,000	0	35,000
2035			
Toro Greens Aerator	37,500	0	37,500
Year Total	37,500	0	37,500
	<b>132,000</b>	<b>0</b>	<b>132,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197LE1733		
<b>Title:</b>	2008 JD TC125 Core Harvester #621		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
This John Deere core harvester is shared by both golf courses for picking up the cores left after the aeration process has been completed. This equipment is specifically utilized on the fairways in conjunction with one of the Gator grounds maintenance vehicles. Presently this equipment is on a 10-year replacement schedule, however the replacement of this unit will be deferred if indicators reveal that increased maintenance cost or elevated downtime will not occur by postponing the replacement date.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This equipment is on a 10-year replacement schedule. The final replacement date is subject to accrued maintenance cost, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Core Harvester	12,400	0	12,400	
Year Total	12,400	0	12,400	
2029				
Core Harvester	13,000	0	13,000	
Year Total	13,000	0	13,000	
	<b>25,400</b>	<b>0</b>	<b>25,400</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	





## Project Summary

<b>Project Number:</b>	3197LE1734		
<b>Title:</b>	2008 Bandit Brush Chipper #625		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
Replace Bandit Brush Chipper (#625): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This Brush Chipper is utilized by both Championship and Mountain Golf courses and the Parks Division to dispose of green waste and create chips wood chips for ground cover. Presently this equipment is on a 8-years replacement schedule.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This equipment is critical to the Golf and Parks operations for disposing and managing green waste. This equipment is in the CIP replacement program schedule for 8-years. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Brush Chipper	40,000	0	40,000	
Year Total	40,000	0	40,000	
2030				
Brush Chipper	45,000	0	45,000	
Year Total	45,000	0	45,000	
	<b>85,000</b>	<b>0</b>	<b>85,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197LE1735		
<b>Title:</b>	2017 TORO PROCORE 864 AERATOR #747		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>			
This is a comprehensive program to purchase replacement equipment for both courses. The CIP equipment replacement program is a scheduled cycle ranging from five (5) to fifteen (15) years. The aeration program is a vital link in meeting turf maintenance standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. Specifically this Aerator is utilized extensively during spring pre-season and fall post season for aerating the fairways at both the Championship and Mountain Golf Courses. This Aercore 1500 is on a 6-year replacement schedule, subject to accrued maintenance cost, visual inspection and overall condition.			
<b>Project Internal Staff</b>			
Fleet Maintenance Staff will manage this project			
<b>Project Justification</b>			
This Aercore 1500 is essential equipment to the successful operation at the Championship and Mountain Golf Courses. Aerators receive extreme levels of hard use and wear due to the nature of the job they accomplish and require constant maintenance and repair to keep them functioning. This unit experienced major structural failure two years ago, Fleet successfully made repairs and extended this equipment's service life but since then accumulative operational stress is now requiring the replacement of this aerator.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2023			
Aercore Aerator	15,400	0	15,400
Year Total	15,400	0	15,400
	<b>15,400</b>	<b>0</b>	<b>15,400</b>
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>
2012			Fleet Superintendent
			<b>Est. Completion Date</b>



## Project Summary

<b>Project Number:</b>	3197LE1738		
<b>Title:</b>	2004 John Deere Pro Gator #546		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment throughout the District. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It has a high payload rating and is equipped with a dump bed for the release or spreading of material. Presently it is on a 6-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This John Deere Gator is vital to the successful operation of both the Championship and Mountain Golf Courses. This grounds maintenance vehicle was moved back in the CIP replacement program several years and due to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition this equipment has reached the end of its useful life.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Replace Pro Gator	34,000	0	34,000	
Year Total	34,000	0	34,000	
2029				
Replace Pro Gator	35,000	0	35,000	
Year Total	35,000	0	35,000	
	<b>69,000</b>	<b>0</b>	<b>69,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197LE1740		
<b>Title:</b>	2005 John Deere Pro Gator #569		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment throughout the District. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It has a high payload rating and is equipped with a dump bed for the release or spreading of material. Presently it is on a 6-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This John Deere Gator is vital to the successful operation of both the Championship and Mountain Golf Courses. This grounds maintenance vehicle was moved back in the CIP replacement program several years. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Replace Pro Gator	34,500	0	34,500	
Year Total	34,500	0	34,500	
2030				
Replace Pro Gator	34,500	0	34,500	
Year Total	34,500	0	34,500	
	<b>69,000</b>	<b>0</b>	<b>69,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197LE1741		
<b>Title:</b>	2015 Greens Roller #715		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
This project is for the replacement of a self propelled greens roller and is utilized on the putting greens after mowing, top dressing or verticutting to true the greens and assure consistent playing conditions.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Greens Roller	15,000	0	15,000	
Year Total	15,000	0	15,000	
	<b>15,000</b>	<b>0</b>	<b>15,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2015			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197LE1742		
<b>Title:</b>	2014 Vibratory Greens Roller #696		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
This is a comprehensive program to purchase replacement equipment for both Golf courses. The CIP equipment replacement program is a scheduled cycle ranging from five (5) to fifteen (15) years. This program is a vital link in meeting turf maintenances standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. Specifically this equipment consists of a set of three vibratory rollers, attached to a Tri-Plex mower and is utilized on the putting greens after mowing, top dressing or verticutting to true the greens and assure consistent playing conditions. These rollers are on a 6-year replacement schedule, subject to accrued maintenance cost, visual inspection and overall condition.				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
The replacement of these vibratory rollers are on a scheduled 6-year replacement schedule and have reached the usefull life. The replacement for this equipment will be a self propelled roller and will not only replace these attachment rollers but also reduce the number of Triplex mowers used for Champ and Mountain Golf.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
2005 Vibratory Greens Rollers	17,000	0	17,000	
Year Total	17,000	0	17,000	
	<b>17,000</b>	<b>0</b>	<b>17,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2015			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197LE1743		
<b>Title:</b>	2000 John Deere 5310 Tractor #464		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
This is a comprehensive program to purchase replacement equipment for both courses. The CIP equipment replacement program is a scheduled cycle ranging from five (5) to fifteen (15) years. This program is a vital link in meeting turf maintenances standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. This tractor is on a 10-year replacement schedule, subject to accumulated hours, accrued maintenance cost, oil analysis reports, visual inspection and overall condition.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This is the scheduled replacement for golf tractor #464, utilized by both Golf course operations. Specifically utilized for the daily maintenance activities on both the Championship and Mountain courses it is vital to their operations. In recent years we have realized a significant cost savings with increased use of attachments rather than purchasing higher costing self propelled equipments. The Golf operations and the Parks operation continue to share equipment at every opportunity, both operations have deleted separate new equipment purchases in favor of utilizing tractor powered implements, the result is a greater level of efficiency. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Tractor	47,000	0	47,000	
Year Total	47,000	0	47,000	
2029				
Tractor	52,000	0	52,000	
Year Total	52,000	0	52,000	
	<b>99,000</b>	<b>0</b>	<b>99,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197LE1746		
<b>Title:</b>	2004 John Deere 4410 Tractor #548		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>
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This is a comprehensive program to purchase replacement equipment for both courses. The CIP equipment replacement program is a scheduled cycle ranging from five (5) to fifteen (15) years. This program is a vital link in meeting turf maintenances standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. This tractor is on a 10-year replacement schedule, subject to accumulated hours, accrued maintenance cost, oil analysis reports, visual inspection and overall condition.

<b>Project Internal Staff</b>
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Fleet Maintenance Staff will manage this project

<b>Project Justification</b>
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This is the scheduled replacement for golf tractor #548, utilized by both Golf course operations. Specifically utilized for the daily maintenance activities on both the Championship and Mountain courses it is vital to their operations. In recent years we have realized a significant cost savings with increased use of attachments rather than purchasing higher costing self propelled equipments. The Golf operations and the Parks operation continue to share equipment at every opportunity, both operations have deleted separate new equipment purchases in favor of utilizing tractor powered implements, the result is a greater level of efficiency. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.

<b>Forecast</b>
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Budget Year	Total Expense	Total Revenue	Difference
2020			
Tractor	33,350	0	33,350
Year Total	33,350	0	33,350
2028			
Tractor	37,000	0	37,000
Year Total	37,000	0	37,000
	<b>70,350</b>	<b>0</b>	<b>70,350</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Fleet Superintendent	





## Project Summary

<b>Project Number:</b>	3197LE1748		
<b>Title:</b>	Replace Blade Grinding Equipment		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. The reel and bedknife grinders are required to sharpen all of Golf's mower equipment, numbering over 60 in count. Specifically utilized in the grinding process of the greens, fairway, trim and tri-plex mowers to ensure the quality of cut necessary to meet turf maintenance standards. This is a vital link in assuring quality turf and playing condition at both the Championship and Mountain Golf Courses. Presently this equipment is on a 7-years replacement schedule.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This reel grinder and bedknife grinders are critical to the successful operation of both golf courses. Presently this equipment is on a 7-year replacement cycle. The final replacement date is subject to accrued maintenance cost, visual inspection and overall condition. The bedknife Grinder to be replaced has exceeded its service life and has been in service for over 16 years. This machine has been moved back several years in the replacement program and no longer provides the service and reliability needed for operations and newer technology equipment will provide a more precise cutting edge and extend bedknife life				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Replace BedKnife Grinder	25,000	0	25,000	
Year Total	25,000	0	25,000	
2021				
Replace Reel Grinder	41,200	0	41,200	
Year Total	41,200	0	41,200	
2028				
Replace Reel Grinder	44,000	0	44,000	
Year Total	44,000	0	44,000	
	<b>110,200</b>	<b>0</b>	<b>110,200</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197LE1753		
<b>Title:</b>	2011 Toro Tri-Plex 3250D Mower #664		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
Replace Toro Tri-Plex mower (#664): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This mower is required to meet turf maintenance standards and is a vital link in assuring quality turf and playing condition at the Championship Golf Course. Specifically this mower will be utilized for mowing approaches and can also be used for Verticutting greens. Presently this mower is on a 7-years replacement schedule.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This mower is critical to the Golf operation for maintaining a quality cut of the Championship Golf Course approaches and can also be used to verticut greens. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Tri-Plex Mower	40,500	0	40,500	
Year Total	40,500	0	40,500	
	<b>40,500</b>	<b>0</b>	<b>40,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3197ME1710		
<b>Title:</b>	Maintenance Shop Crane and Equipment Lift		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	97 - Shared Expenses		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	ME - Mechanical Equipment		

<b>Project Description</b>				
This ongoing project is to replace old, worn out and outdated shop tools and equipment, and purchase new specialty tools for new model year equipment as needed. These tools and equipment are essential to maintenance and repairs of all Golf Operations rolling stock assets and the efficiency and safety of those operations.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project with support from Buildings Maintenance and Engineering				
<b>Project Justification</b>				
The maintenance shop at Champ Golf has one equipment lift that is used daily for maintenance and repair of equipment. With the number of pieces of equipment and as many as three mechanics needing to use the lift to perform maintenance and repair task this causes problems with efficiency, productivity, and safety to effectively perform these task. With the lack of floor space in the maintenance shop to add additional equipment lift the existing overhead crane would need to be relocated and replaced by a swinging jib crane that would reach more floor space and also increase efficiency, productivity, and safety of working on the larger pieces equipment.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020	30,000	0	30,000	
Year Total	30,000	0	30,000	
	<b>30,000</b>	<b>0</b>	<b>30,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3199OE1501		
<b>Title:</b>	Championship Golf Printer Copier Replacement 955 Fairway		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	41 - Championship Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	OE - Office Equipment		

<b>Project Description</b>				
Replacement of Championship Golf large volume color/black printer copier utilized in the administrative offices. This includes the operations, programming, revenue office and other users within the Chateau. This device should be replaced every five years which is industry standard. ON average the cost of ownership increases after the fifth year as a result of increased maintenance fees. This project is only for the cost of the device and does not include the monthly maintenance charges, which is a part of the District's comprehensive maintenance plan.				
<b>Project Internal Staff</b>				
The IT Technician oversees the maintenance and care and condition assessment of this device.				
<b>Project Justification</b>				
The current volume printer copier averages around 15,000 images a month. It is a Xerox WorkCentre 5335 purchased in 2015. Life cycle is 1,200,000 images. At 1/1/16 the meter read was 67,500. Proposed new device will be based on industry comparison for functionality and capacity considering the best pricing we can get from state and local contracts.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
	10,000	0	10,000	
Year Total	10,000	0	10,000	
2025				
	15,000	0	15,000	
Year Total	15,000	0	15,000	
2030				
	15,000	0	15,000	
Year Total	15,000	0	15,000	
	<b>40,000</b>	<b>0</b>	<b>40,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2014			Director of Information Technology	



## Project Summary

<b>Project Number:</b>	3241GC1101	
<b>Title:</b>	Mountain Course Greens, Tees and Bunkers	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	41 - Mountain Operations	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	GC - Golf Course Improvements	

**Project Description**

This ongoing project to address the long term maintenance and rebuilding of green, tee and bunker infrastructures. The focus is projects that will impact course playability, improve agronomic conditions for healthier turf growth, address safety issues, and improve aesthetics. Tee work includes enlarging, leveling, and shaping, along with installing drainage and a sand cap before sodding the surface. Bunker work includes reshaping, installing drainage and adding new sand. Current progress anticipated as of June 2018: approximately 50% of the tees to be addressed have been completed; 75% of the bunkers have been rebuilt; and all of the bridges have been rebuilt. A new nursery green will be built to replace the current aging, contaminated nursery. The Mountain Course master plan created by Golf Course Architect Kyle Phillips in 2001 has been used as a guide for this work.

**Project Internal Staff**

The work is all planned and completed by in-house staff.

**Project Justification**

Mountain Golf Course infrastructure is aging and in need of repair and replacement. Staff has been rebuilding tees and bunkers for the past several years with excellent reviews, and continuing this work will keep the golf course as playable and enjoyable as possible for our customers. Golf industry standards established by the Allied Associations for Golf (ASCGA, GCSAA, USGA, and GCBA) state how long parts of a golf course should last. Greens are 15-30 years, tees are 15-20 years, bunker sand and drainage are 5-10 years. All golf course infrastructure is evaluated annually to determine the need and time frame for rebuilding or replacement.

**Forecast**

Budget Year	Total Expense	Total Revenue	Difference
2019			
Bunker Renovation	13,000	0	13,000
Tee Renovation	10,000	0	10,000
Year Total	23,000	0	23,000
2020			
Bunker Renovation	10,000	0	10,000
Nursery Green Rebuild	20,000	0	20,000
Tee Renovation	12,000	0	12,000
Year Total	42,000	0	42,000
2021			
Tee Renovation	12,000	0	12,000
Year Total	12,000	0	12,000
2025			
Bunker Sand/Drainage	40,000	0	40,000
Year Total	40,000	0	40,000
2026			
Bunker Sand/Drainage	40,000	0	40,000
Year Total	40,000	0	40,000
	<b>157,000</b>	<b>0</b>	<b>157,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Mountain Course Superintendent	



## Project Summary

<b>Project Number:</b>	3241GC1404	
<b>Title:</b>	Irrigation Improvements	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	41 - Mountain Operations	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	GC - Golf Course Improvements	

<b>Project Description</b>				
Replacement of Mountain Golf Course irrigation components as well as additions and modifications to the existing system to enhance the efficiency of water application. This includes in-ground components such as sprinkler heads, wiring, mainline and lateral pipes isolation valves, and quick coupler valves, as well as out of ground components such as field satellites, weather station, radio controls, and central control computer system.				
<b>Project Internal Staff</b>				
Golf Maintenance Staff will identify and install new components.				
<b>Project Justification</b>				
Golf course irrigation component upgrades are necessary to address normal wear and tear and to continue to improve efficiency of water management. Current technology available will allow us to optimize the performance of the system. The hardware and software used to run the central control computer, sprinkler heads, and field satellites that communicate with the central control are all included. Recommended life cycles according to the Allied Associations of Golf (ASGCA, GCSAA, USGA, and GCBAA): Central control system - computer hardware every 5 years; software as upgrades from the manufacturer (Toro) are introduced. Field satellites – approximately every 10-15 years the technology changes enough to look at upgrading the satellites. Sprinklers – on average every 10-15 years a complete head replacement program should be considered. Piping system – a properly designed, installed, and maintained pipe system in this climate should last a minimum of 25 -30 years. The Mountain Course irrigation system was installed in 1998.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Field satellite replacement	10,000	0	10,000	
Hardware, Software upgrades	11,000	0	11,000	
Sprinkler head replacement	25,000	0	25,000	
Year Total	46,000	0	46,000	
2023				
Field satellite replacement	30,000	0	30,000	
Year Total	30,000	0	30,000	
2025				
Hardware, Software upgrades	12,000	0	12,000	
Year Total	12,000	0	12,000	
2028				
Pipe system replacement	700,000	0	700,000	
Year Total	700,000	0	700,000	
	<b>788,000</b>	<b>0</b>	<b>788,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Mountain Course Superintendent	





## Project Summary

<b>Project Number:</b>	3241GC1502		
<b>Title:</b>	Wash Pad Improvements		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	41 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	GC - Golf Course Improvements		

<b>Project Description</b>				
Golf course wash water recycle systems with wash bays and pads. These facilities are self contained and recycle the wash water used on equipment. This prevents any contaminants from entering groundwater or drainage systems in the vicinity of our current wash facilities. The project also includes reconfiguration of the wash pads so that more than one person at a time can clean equipment.				
<b>Project Internal Staff</b>				
Golf staff will work with Engineering to research the best unit for our conditions				
<b>Project Justification</b>				
Environmental issues and restrictions are increasing in the golf course industry. These cleaning systems conserve water and also go a long way in showing our commitment to water quality issues in the Tahoe basin. They also provide a safer, less contaminated environment for employees when washing equipment. The new systems are very efficient and would increase overall productivity by spending less time at the wash area. The current systems only allow for one staff member at a time to wash equipment, requiring other members to stand and wait, which is very inefficient. The current systems also have the potential for contamination of creeks downstream due to the setup now in place.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Internal Services	5,000	0	5,000	
Wash System	65,000	0	65,000	
Year Total	70,000	0	70,000	
	<b>70,000</b>	<b>0</b>	<b>70,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Principal Engineer	



## Project Summary

<b>Project Number:</b>	3241GC1802		
<b>Title:</b>	Mountain Course Clubhouse and Maintenance Building Water Service Line Replacement		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	41 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	GC - Golf Course Improvements		

<b>Project Description</b>				
Replace failing PVC service lines from the utility watermain point of connection to both the Clubhouse and Maintenance Building				
<b>Project Internal Staff</b>				
Engineering will perform Design, Engineering, Bidding, Contract Administration and Inspection tasks. Outside contractor to perform the underground work. IVGID buildings dept. to reconnect plumbing under clubhouse. IVGID Pipeline dept. resources remain available for ongoing maintenance activities and emergency response.				
<b>Project Justification</b>				
In November 2017 the service line serving both buildings experience a catastrophic failure and was temporarily repaired. Investigations revealed substandard glued PVC pipe serving both buildings and proximity beneath cell tower facilities. This pipe is known known to fail without warning and full replacement is recommended. Reconnection is required under the Clubhouse with work to be performed by IVGID Buildings				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Construction	55,000	0	55,000	
Internal Services	10,000	0	10,000	
Year Total	65,000	0	65,000	
	<b>65,000</b>	<b>0</b>	<b>65,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Senior Engineer	



## Project Summary

<b>Project Number:</b>	3241LI1704	
<b>Title:</b>	Mountain Golf Course Cart Path Retaining Walls	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	42 - Mountain Maintenance	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

<b>Project Description</b>	Maintenance of walls and slopes supporting the Mountain Golf Course Cart Path system. The asphalt surfacing is managed under a separate CIP.
<b>Project Internal Staff</b>	Engineering Dept. to perform design, bid, contract and administration and inspection tasks. Outside engineering services will be used for structural retaining walls exceeding 4' in height.
<b>Project Justification</b>	The Mountain Golf course is in hilly terrain and the cart path system was constructed with walls and slopes above and below the path in many areas. These walls and slopes are starting to fail and need repair to shore up the cart path and asphalt pavement. Slope repairs at hole #13 were completed in 2017

<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
internal services	2,500	0	2,500	
Slope protection #4 tee	10,000	0	10,000	
Year Total	12,500	0	12,500	
2020				
Engineering Services	5,000	0	5,000	
internal services	2,500	0	2,500	
Slope protection #12 Tee	10,000	0	10,000	
Year Total	17,500	0	17,500	
2021				
internal services	2,500	0	2,500	
Rebuild wall #10 Tee	25,000	0	25,000	
Replace wooden stair #10 Tee	10,000	0	10,000	
Year Total	37,500	0	37,500	
2022				
internal services	2,500	0	2,500	
wall/slope repairs	10,000	0	10,000	
Year Total	12,500	0	12,500	
2023				
internal services	2,500	0	2,500	
wall/slope repairs	10,000	0	10,000	
Year Total	12,500	0	12,500	
2024				
wall/slope repairs	10,000	0	10,000	
Year Total	10,000	0	10,000	
2025				
wall/slope repairs	10,000	0	10,000	
Year Total	10,000	0	10,000	
2026				
wall/slope repairs	10,000	0	10,000	
Year Total	10,000	0	10,000	
	<b>122,500</b>	<b>0</b>	<b>122,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Senior Engineer	



## Project Summary

<b>Project Number:</b>	3241ME1804		
<b>Title:</b>	Mountain Golf Fuel Storage Facility		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	41 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	ME - Mechanical Equipment		

<b>Project Description</b>				
This project is to replace the underground fuel storage tanks at Mountain Golf. These tanks have reached the end of service and in 2017/18 over \$10,000 has been spent in repairs for water intrusion in to the fuel compartments.				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Mountain Golf Fuel Storage Facility	50,000	0	50,000	
Year Total	50,000	0	50,000	
	<b>50,000</b>	<b>0</b>	<b>50,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3242LE1725		
<b>Title:</b>	2005 Carryall Club Car #568		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Mountain Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Carryall (#568): The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's Golf Courses. Specifically utilized for transporting maintenance crews and hauling materials and equipment around the courses. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It is equipped with a dump bed for the release or spreading of material. Presently it is on a 8-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This Club Car Carryall is vital to the successful operation of the Golf Courses operation. This grounds maintenance vehicle was moved back in the CIP replacement program several years. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Carryall Club Car	12,000	0	12,000	
Year Total	12,000	0	12,000	
2033				
Carryall Club Car	12,000	0	12,000	
Year Total	12,000	0	12,000	
	<b>24,000</b>	<b>0</b>	<b>24,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3242LE1726	
<b>Title:</b>	2016 Bar Cart #726	
<b>Asset Class:</b>	F - Rolling Stock	
<b>Division:</b>	42 - Mountain Maintenance	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LE - Light Duty Service Equipment	

<b>Project Description</b>				
Replace F&B car cart #726. The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a schedule cycle ranging from five (5) to fifteen (15) years.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This cart is utilized by both Mountain Golf course in their daily operation during the operating season for providing food and beverage services to customers on the courses. Equipment manufacturers' recommendation is replacement of this equipment approximately every five (5) years. However, if these carts are still meeting golf staff requirements and maintenance repair costs continue to be low, these purchases will be moved back in the CIP.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Replace Bar Cart	29,000	0	29,000	
Year Total	29,000	0	29,000	
2028				
Replace Bar Cart	30,000	0	30,000	
Year Total	30,000	0	30,000	
	<b>59,000</b>	<b>0</b>	<b>59,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3242LE1728		
<b>Title:</b>	2015 Toro 4000D Rough Mower #709		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Mountain Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>	<p>This is a comprehensive program to purchase replacement equipment for the Mountain Golf Course. The CIP equipment replacement program is a scheduled cycle ranging from five (5) to fifteen (15) years. This program is a vital link in meeting turf maintenances standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. This rough mower is on a 6-year replacement schedule, subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition.</p>
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<b>Project Internal Staff</b>	<p>Fleet Maintenance Staff will manage this project</p>
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<b>Project Justification</b>	<p>This equipment is a vital link in meeting turf maintenances standards, assuring top quality playing conditions and keeping up with the latest in maintenance practices and equipment technology. The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2023			
Rough Mower	61,000	0	61,000
Year Total	61,000	0	61,000
2025			
Rough Mower	66,000	0	66,000
Year Total	66,000	0	66,000
	<b>127,000</b>	<b>0</b>	<b>127,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	





## Project Summary

<b>Project Number:</b>	3242LE1732		
<b>Title:</b>	2016 Toro Tri-Plex Mower #614		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	42 - Mountain Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
Replace Toro Tri-Plex mower (#614): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This mower is required to meet turf maintenance standards and is a vital link in assuring quality turf and playing condition at the Mountain Golf Course. Specifically this mower will be utilized for tee boxes and can also be used for Verticutting greens. Presently this mower is on a 7-years replacement schedule.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This mower is critical to the Golf operation for maintaining a quality cut of the Mountain Golf Course tee boxes and can also be used to verticut greens. The mower replacement is scheduled at 7-years in the CIP replacement program. This Toro Tri-Plex Mower is vital to the successful operation of the Mountain Golf Course and due to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition this equipment has reached the end of its useful life.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
Tri-Plex Mower	43,400	0	43,400	
Year Total	43,400	0	43,400	
	<b>43,400</b>	<b>0</b>	<b>43,400</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3242LI1204	
<b>Title:</b>	Pavement Maintenance of Parking Lot - Mountain Golf Course	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	42 - Mountain Maintenance	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

<b>Project Description</b>	Continued maintenance and repair of Mountain Golf Course parking lot. Engineering maintains a database on this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs. Parking Lot is approximately 40,000 sf.
<b>Project Internal Staff</b>	Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.
<b>Project Justification</b>	Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. The parking lot was slurry sealed in 2013. Concrete flatwork and curbing requires periodic repairs.

<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Crack fill and Maintenance	5,000	0	5,000	
Internal Services	1,000	0	1,000	
Year Total	6,000	0	6,000	
2020				
Internal Services	2,500	0	2,500	
Slurry Seal	20,000	0	20,000	
Year Total	22,500	0	22,500	
2021				
Crack fill and Maintenance	5,000	0	5,000	
Internal Services	1,000	0	1,000	
Year Total	6,000	0	6,000	
2022				
Crack fill and Maintenance	10,000	0	10,000	
Internal Services	2,500	0	2,500	
Year Total	12,500	0	12,500	
2023				
Crack fill and Maintenance	10,000	0	10,000	
Internal Services	2,500	0	2,500	
Year Total	12,500	0	12,500	
2024				
Internal Services	10,000	0	10,000	
Reconstruct Parking Lot	300,000	0	300,000	
Year Total	310,000	0	310,000	
2028				
Crack fill and Maintenance	10,000	0	10,000	
Year Total	10,000	0	10,000	
2029				
Internal Services	2,500	0	2,500	
Slurry Seal	20,000	0	20,000	
Year Total	22,500	0	22,500	
2033				
Crack fill and Maintenance	10,000	0	10,000	
Year Total	10,000	0	10,000	
2034				
Internal Services	2,500	0	2,500	
Slurry Seal	20,000	0	20,000	
Year Total	22,500	0	22,500	
	<b>434,500</b>	<b>0</b>	<b>434,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>

2012		Senior Engineer	
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## Project Summary

<b>Project Number:</b>	3242LI1205		
<b>Title:</b>	Pavement Maintenance of Cart Paths - Mountain Golf Course		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	42 - Mountain Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LI - Land Improvements		

**Project Description**  
 Continued maintenance and repair of Mountain Golf Course cart paths asphalt surfaces. Engineering maintains a database on this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs. Includes 110,000 sf of pavement. Maintenance of retaining walls and slopes supporting the pathways are budgeted as a separate CIP. Combined projects amount to approximately \$50,000 in annual repairs.

**Project Internal Staff**  
 Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.

**Project Justification**  
 Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate accelerate deterioration. These pathways see light use but also heavy damage due to age and irrigation and roots. Due to the nature of the facility and golf season regular small recurring annual projects are planned to keep up with a high level of service for the extensive cart path system.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Internal Services	5,000	0	5,000
Section Replacement	40,000	0	40,000
Year Total	45,000	0	45,000
2020			
Internal Services	5,000	0	5,000
Section Replacement	35,000	0	35,000
Year Total	40,000	0	40,000
2021			
Crack Fill and Maintenance	10,000	0	10,000
Internal Services	5,000	0	5,000
Section Replacement	30,000	0	30,000
Year Total	45,000	0	45,000
2022			
Internal Services	5,000	0	5,000
Section Replacement	40,000	0	40,000
Year Total	45,000	0	45,000

2023			
Internal Services	5,000	0	5,000
Section Replacement	40,000	0	40,000
Year Total	45,000	0	45,000
2024			
Internal Services	5,000	0	5,000
Section Replacement	40,000	0	40,000
Year Total	45,000	0	45,000
2025			
Internal Services	5,000	0	5,000
Sealing	60,000	0	60,000
Year Total	65,000	0	65,000
2026			
Crack Fill and Maintenance	10,000	0	10,000
Internal Services	5,000	0	5,000
Year Total	15,000	0	15,000
2027			
Internal Services	5,000	0	5,000
Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2028			
Internal Services	5,000	0	5,000
Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2029			
Internal Services	5,000	0	5,000
Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2030			
Internal Services	5,000	0	5,000
Sealing	60,000	0	60,000
Year Total	65,000	0	65,000
2031			
Crack Fill and Maintenance	10,000	0	10,000
Internal Services	5,000	0	5,000
Year Total	15,000	0	15,000
2032			
Internal Services	5,000	0	5,000
Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2033			
Internal Services	5,000	0	5,000

Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2034			
Internal Services	5,000	0	5,000
Section Replacement	50,000	0	50,000
Year Total	55,000	0	55,000
2035			
Internal Services	5,000	0	5,000
Sealing	60,000	0	60,000
Year Total	65,000	0	65,000
2036			
Crack Fill and Maintenance	10,000	0	10,000
Internal Services	5,000	0	5,000
Year Total	15,000	0	15,000
	<b>835,000</b>	<b>0</b>	<b>835,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Senior Engineer	



## Project Summary

<b>Project Number:</b>	3299BD1403		
<b>Title:</b>	Mountain Course Clubhouse and Maintenance Building Renovation and ADA Upgrades		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	41 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

### Project Description

The project will design and construct targeted renovations to the clubhouse to meet ADA requirements. Targeted renovations at the Maintenance Building will also occur to address structural issues, eliminate any remaining building code violations, and bring the building's "wearing parts" up to a like new condition. The updated maintenance facility would be capable of housing electric carts and the associated charging equipment. Upon completion of design, the project construction budget would again be evaluated and updated.

### Project Internal Staff

Golf Professional Staff, Engineering and Accounting would support the Design Phase. Engineering would be involved in inspection and supervision of the Construction Phase.

### Project Justification

The current Mountain Course Clubhouse does not meet ADA requirements. The current Maintenance Facility does not meet workforce ADA, has deficiencies and damage in the building structure, does not provide adequate ventilation for workforce occupancy during active course/maintenance operations, and requires replacement of a number of key "wearing parts" in the building.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2023			
Design and Permits	80,000	0	80,000
Internal Services and Owner Costs	15,000	0	15,000
Year Total	95,000	0	95,000
2024			
Construction	500,000	0	500,000
Contingency	50,000	0	50,000
Internal Services and Owner Costs	50,000	0	50,000
Year Total	600,000	0	600,000
	<b>695,000</b>	<b>0</b>	<b>695,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Director of Asset Management	





## Project Summary

<b>Project Number:</b>	3299BD1705		
<b>Title:</b>	Paint Exterior of Mountain Golf Clubhouse		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	41 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Paint exterior of Mountain Golf Course Clubhouse - The exterior paint of the structure is showing significant wear and tear and needs to be addressed.				
<b>Project Internal Staff</b>				
Buildings Maintenance Staff				
<b>Project Justification</b>				
This project is designed to maintain the serviceable life of the Mountain Golf Course Club House and must be completed to prevent further damage to the facility.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Contingency	6,000	0	6,000	
Internal Services	1,800	0	1,800	
Paint Building Exterior	20,000	0	20,000	
Year Total	27,800	0	27,800	
2025				
Contingency	7,000	0	7,000	
Internal Services	2,000	0	2,000	
Paint Building Exterior	22,000	0	22,000	
Year Total	31,000	0	31,000	
	<b>58,800</b>	<b>0</b>	<b>58,800</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	3299BD1801		
<b>Title:</b>	Replace Carpet in Mountain Golf Clubhouse		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	99 - Gen Admin-Mnt		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>					
Replace existing carpet Squares in Mountain Golf Clubhouse. The existing will need removed and sub floor cleaned and prepped for new carpet installation. New carpet to go down will be commercial grade stain resistant rubber backed carpet squares. The style and color decision made by venue manager.					
<b>Project Internal Staff</b>					
Building Maintenance					
<b>Project Justification</b>					
The existing Carpet Squares have been cleaned and new squares placed in high traffic areas but signs of wear and reaching the end of the projected 5- year lifespan. This high visibility area needs to maintain a clean and maintained appearance due to the fact it is the districts golf course Clubhouse.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2019					
Contingency	4,200	0	4,200		
Internal Services	1,800	0	1,800		
Mountain Golf Carpet Replacement	18,000	0	18,000		
Year Total	24,000	0	24,000		
	<b>24,000</b>	<b>0</b>	<b>24,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2018			Buildings Superintendent		



## Project Summary

<b>Project Number:</b>	3299BD1803		
<b>Title:</b>	Mountain Golf Roll Up Shop Doors		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	99 - Gen Admin-Mnt		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>					
Shop doors need replaced at Fleet entrance locations					
<b>Project Internal Staff</b>					
Buildings					
<b>Project Justification</b>					
Large Equipment in and out for service through the shop doors. They currently suffer from snow and impact damage and are in a dilapidated condition. This will be phase two of the door replacement and will conclude the project started last year due to winter damage.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2019					
Contingency	1,800	0	1,800		
Internal Services	200	0	200		
Mt. Golf shop doors replacement	10,000	0	10,000		
Year Total	12,000	0	12,000		
	<b>12,000</b>	<b>0</b>	<b>12,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2018	Oct 1, 2018		Buildings Superintendent	Oct 31, 2018	



## 2018/2019 - 5 Year Project Summary Totals - FACILITIES

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total	
Facilities	3350BD1103	Chateau - Replace Carpet	-	62,000	-	-	49,500	111,500	
	3350BD1302	Resurface Patio Deck - Chateau	-	-	36,000	-	-	36,000	
	3350BD1506	Paint Exterior of Chateau	-	-	-	47,000	-	47,000	
	3350BD1704	Replace Air Walls Chateau	7,500	89,360	-	-	-	96,860	
	3350BD1803	Replace Carpet in Chateau Grill	12,000	-	-	-	-	12,000	
	3350BD1804	Replace Hallway Tile at Chateau	-	65,000	-	-	-	65,000	
	3350BD1805	Repair and Refinish Wood Walls Upstairs at Chateau	-	10,000	-	-	-	10,000	
	3350BD1806	Paint Both Food & Beverage Kitchens and Storage Areas	12,000	-	-	-	-	12,000	
	3350FF1204	Catering Kitchen Equipment	-	18,900	-	-	-	18,900	
	3350FF1601	Enclose Chateau Exterior Storage Area	-	50,000	-	-	-	50,000	
	3351BD1501	Aspen Grove - Replace Carpet	11,500	-	-	-	-	11,500	
	3351BD1703	Aspen Grove Improvements	-	-	10,000	41,400	-	51,400	
	3351BD2101	Dumpster enclosure – Village Green/Aspen Grove	-	-	-	45,000	-	45,000	
	3351LI1807	Replacement Sod at Aspen Grove	-	18,000	-	-	-	18,000	
	3352LV1720	Replace 2013 Cargo Truck #690	-	-	-	-	38,500	38,500	
		<b>Total</b>		<b>43,000</b>	<b>313,260</b>	<b>46,000</b>	<b>133,400</b>	<b>88,000</b>	<b>623,660</b>





## Project Summary

<b>Project Number:</b>	3350BD1103	
<b>Title:</b>	Chateau - Replace Carpet	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	50 - Chateau	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>				
This project is for the on-going replacement of the carpet in the Chateau. The normal life cycle for a high use venue is 5/6 years. The carpets have been maintained on a regular basis which has extended the life but wear spots will inevitably show as well as stains and permanent damage.				
<b>Project Internal Staff</b>				
Staff will supervise and inspect project.				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Chateau asset and customer service				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Contingency	10,000	0	10,000	
Internal services	2,000	0	2,000	
Replace carpet upstairs	50,000	0	50,000	
Year Total	62,000	0	62,000	
2023				
Contingency	7,500	0	7,500	
Internal services	2,000	0	2,000	
Repalce carpet downstairs	40,000	0	40,000	
Year Total	49,500	0	49,500	
2024				
Contingency	11,000	0	11,000	
Internal services	2,000	0	2,000	
Replace carpet upstairs	55,000	0	55,000	
Year Total	68,000	0	68,000	
2027				
Contingency	8,500	0	8,500	
Internal services	2,000	0	2,000	
Repalce carpet downstairs	45,000	0	45,000	
Year Total	55,500	0	55,500	
	<b>235,000</b>	<b>0</b>	<b>235,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Nov 4, 2013		Buildings Superintendent	Nov 15, 2013





## Project Summary

<b>Project Number:</b>	3350BD1302		
<b>Title:</b>	Resurface Patio Deck - Chateau		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	50 - Chateau		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

**Project Description**  
 This project is the on-going recoating of the epoxy coating on the Chateau exterior deck. Normal wear and tear has degraded the initial coating. The District is currently standardizing the type of coating used in high traffic areas like decks and patios. The neogard epoxy coating compound is applied and adheres to the floor surface and wears much better than other products that have been used. It maintains the integrity of the floor, handles use much more efficiently, and allows years between recoats.

**Project Internal Staff**  
 Staff will supervise and inspect project

**Project Justification**  
 The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Chateau asset and customer service.

Forecast			
Budget Year	Total Expense	Total Revenue	Difference
2021			
Contingency	5,000	0	5,000
Internal Services	1,000	0	1,000
Resurface Patio Deck	30,000	0	30,000
Year Total	36,000	0	36,000
2027			
Contingency	3,200	0	3,200
Internal Services	500	0	500
Resurface Patio Deck	31,700	0	31,700
Year Total	35,400	0	35,400
	<b>71,400</b>	<b>0</b>	<b>71,400</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012	May 1, 2017		Buildings Superintendent	May 31, 2017



## Project Summary

<b>Project Number:</b>	3350BD1506		
<b>Title:</b>	Paint Exterior of Chateau		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	50 - Chateau		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

**Project Description**

The exterior paint on the Chateau Community Center was applied in the Spring of 2015. Many parts of the facility are beginning to fade with conditions and age. Touch up paint and repairs to the siding have maintained the overall appearance of the Facility. However as more touch up is completed different shades of the paint become visible due to and weathering of the existing paint. By repairing the damaged siding and painting the entire faculty it improves the appearance and further protects the exterior.

**Project Internal Staff**

Staff will supervise and inspect contractor installation project.  
Buildings staff will make repairs to the siding prior to painting

**Project Justification**

The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Chateau Community Center asset and customer service.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2022			
Contingency	7,000	0	7,000
Internal Sevices	5,000	0	5,000
Paint Exterior	35,000	0	35,000
Year Total	47,000	0	47,000
2028			
Contingency	8,000	0	8,000
Internal Sevices	7,500	0	7,500
Paint Exterior	37,000	0	37,000
Year Total	52,500	0	52,500
	<b>99,500</b>	<b>0</b>	<b>99,500</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	3350BD1702	
<b>Title:</b>	Upgrade Chateau Community Room Lighting Control Module	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	50 - Chateau	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	



## Project Summary

<b>Project Number:</b>	3350BD1704		
<b>Title:</b>	Replace Air Walls Chateau		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	50 - Chateau		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Replace and upgrade current retractable air walls in Chateau Community rooms				
<b>Project Internal Staff</b>				
Buildings Maintenance Staff - Staff will contract out the design, removal and construction as deemed necessary by consultants. Staff will inspect during the construction phase.				
<b>Project Justification</b>				
<p>The current air walls dividing the Community Rooms are from original construction in 2004. While the air walls have been maintained by internal staff and outside contractors, the fabric, panel tracks and guides are beginning to breakdown.</p> <p>The current panels do not retract into the space original designed for them to do so and therefore extend out into the meeting space, eliminating valuable set up area and provide an eye sore for guests. Covers have been purchased to hide the panels but still take up space.</p> <p>An outside consultant will be employed to provide direction toward a solution to the storage issue and the air wall system will be upgraded as well.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Contract Design - Replace Air Walls Chateau	7,500	0	7,500	
Year Total	7,500	0	7,500	
2020				
Contingency	13,000	0	13,000	
Internal Services	1,360	0	1,360	
Replace Air Walls Chateau	75,000	0	75,000	
Year Total	89,360	0	89,360	
2024				
Contingency	13,000	0	13,000	
Contract Design - Replace Air Walls Chateau	10,000	0	10,000	
Internal Services	1,360	0	1,360	
Replace Air Walls Chateau	50,000	0	50,000	
Year Total	74,360	0	74,360	
	<b>171,220</b>	<b>0</b>	<b>171,220</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>

2017	Jul 1, 2018		Buildings Superintendent	May 1, 2019
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## Project Summary

<b>Project Number:</b>	3350BD1803		
<b>Title:</b>	Replace Carpet in Chateau Grill		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	50 - Chateau		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Replace existing carpet Squares in the Grill. The existing will need removed and sub floor cleaned and prepped for new carpet installation. New carpet to go down will be commercial grade stain resistant rubber backed carpet squares. The style and color decision made by venue manager.				
<b>Project Internal Staff</b>				
Building Maintenance				
<b>Project Justification</b>				
The existing Carpet Squares have been cleaned and new squares placed in high traffic areas but signs of wear and reaching the end of the projected 5- year lifespan. This high visibility area needs to maintain a clean and maintained appearance due to the fact it is the districts golf course restaurant.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Contingency	1,800	0	1,800	
Grill carpet replacement	9,600	0	9,600	
Internal Services	600	0	600	
Year Total	12,000	0	12,000	
	<b>12,000</b>	<b>0</b>	<b>12,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018	Oct 1, 2018		Buildings Superintendent	Oct 31, 2018



## Project Summary

<b>Project Number:</b>	3350BD1804		
<b>Title:</b>	Replace Hallway Tile at Chateau		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	50 - Chateau		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Remove existing slate tile that is failing, grind off old carpet glue from slab that is limiting grout adhesion, and replace with new slate in a brick pattern with 18" pieces.				
<b>Project Internal Staff</b>				
Building Maintenance				
<b>Project Justification</b>				
Failing slate is posing a safety hazard to both staff and customers. Aesthetically, the lifting and chipping slate is also not conducive to the image expected at this type of venue.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Contingency	4,800	0	4,800	
Internal Services	1,200	0	1,200	
Slate removal and replace	59,000	0	59,000	
Year Total	65,000	0	65,000	
	<b>65,000</b>	<b>0</b>	<b>65,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018	Oct 1, 2018		Buildings Superintendent	Nov 30, 2018



## Project Summary

<b>Project Number:</b>	3350BD1805		
<b>Title:</b>	Repair and Refinish Wood Walls Upstairs at Chateau		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	50 - Chateau		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>					
Repair and refinish all the wood walls upstairs at the Chateau.					
<b>Project Internal Staff</b>					
Building Maintenance					
<b>Project Justification</b>					
Due to the age and the abuse that the walls endure, they are aesthetically unsatisfactory for the events this venue hosts.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2020					
Contingency	1,000	0	1,000		
Internal Services	300	0	300		
Wood Walls Repair and Refinish	8,700	0	8,700		
Year Total	10,000	0	10,000		
	<b>10,000</b>	<b>0</b>	<b>10,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2018	Oct 1, 2018		Buildings Superintendent	Nov 30, 2018	





## Project Summary

<b>Project Number:</b>	3350BD1806		
<b>Title:</b>	Paint Both Food & Beverage Kitchens and Storage Areas		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	50 - Chateau		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Paint both kitchens and storage areas for food and beverage at the Chateau.				
<b>Project Internal Staff</b>				
Building Maintenance				
<b>Project Justification</b>				
Painting these areas on normal cycle to help maintain a clean tidy and safe work area for the Food and Beverage department				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Contingency	1,500	0	1,500	
Internal Services	600	0	600	
Paint both kitchens and storage areas for Food and Beverage	9,900	0	9,900	
Year Total	12,000	0	12,000	
	<b>12,000</b>	<b>0</b>	<b>12,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018	Oct 1, 2018		Buildings Superintendent	Nov 30, 2018



## Project Summary

<b>Project Number:</b>	3350FF1204	
<b>Title:</b>	Catering Kitchen Equipment	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	50 - Chateau	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	FF - Furniture and Fixtures	

<b>Project Description</b>				
Staff has made an assessment of each major element of the Kitchen equipment. Based on estimated useful lives and knowledge of the performance of the current equipment, a replacement schedule has been developed and restated below.				
<b>Project Internal Staff</b>				
Chef will receive equipment, set up and install with delivery person.				
<b>Project Justification</b>				
Items presented are replacement of the same item as presently in service. There are no changes to capacities. However, properly performing equipment is essential to maintaining health and safety standards as well as serving customers timely and with a quality product. Some items have been moved to a later year. We feel these delays in purchases will not impact our ability to operate safely or efficiently.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
6 burner stove with oven convect	6,300	0	6,300	
Charbroiler w/oven	6,300	0	6,300	
Giddle with oven convect	6,300	0	6,300	
Year Total	18,900	0	18,900	
2030				
Alto Shaam	8,300	0	8,300	
Walk-In Cooler	52,000	0	52,000	
Year Total	60,300	0	60,300	
	<b>79,200</b>	<b>0</b>	<b>79,200</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Food and Beverage Director	



## Project Summary

<b>Project Number:</b>	3350FF1601		
<b>Title:</b>	Enclose Chateau Exterior Storage Area		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	50 - Chateau		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	FF - Furniture and Fixtures		

<b>Project Description</b>
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This project will complete the enclosure of the exterior storage area at the Chateau. This area was originally design to hold the bar cart but has been retrofitted to general dry storage in support of Chateau F&B operations. This retrofit was completed largely by installing shelving and little else. The exterior of this area is still constructed as though the area was still used for bar cart storage with basic fencing and a gate. This project will remove the gate and fencing and fully enclose the space to make it a water tight but unconditioned space.

<b>Project Internal Staff</b>
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The Buildings Division will manage this project with input from the F&B and Facilities team.

<b>Project Justification</b>
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At present the location is not water tight which limits the type of materials able to be stored in the space. During the winter rain/snow and snowmelt enter the space and can ruin product stored in the space.

<b>Forecast</b>
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Budget Year	Total Expense	Total Revenue	Difference
2020			
Construction	50,000	0	50,000
Year Total	50,000	0	50,000
	<b>50,000</b>	<b>0</b>	<b>50,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2015			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	3351BD1501		
<b>Title:</b>	Aspen Grove - Replace Carpet		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	51 - Aspen Grove		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>
The carpet in the Aspen Grove is original installation from 2008. The normal life cycle for a high use venue is 5/6 years. The carpets have been maintained on a regular basis which has extended the life but wear spots are showing, as well as stains which are now permanent. There is fraying along many of the seams and cutaways. Carpet tile would replace the existing roll carpet as the squares are easy to replace should a problem occur. Carpet replacement is on a 6/7 year replacement cycle. Estimate done by 3rd party contractor

<b>Project Internal Staff</b>
Staff will supervise and inspect contractor installation project.

<b>Project Justification</b>
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Aspen Grove asset and customer service

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Contingency	3,000	0	3,000
Internal Services	1,000	0	1,000
Replace Carpet	7,500	0	7,500
Year Total	11,500	0	11,500
2024			
Contingency	4,000	0	4,000
Internal Services	1,000	0	1,000
Replace Carpet	8,500	0	8,500
Year Total	13,500	0	13,500
	<b>25,000</b>	<b>0</b>	<b>25,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Sep 21, 2015		Buildings Superintendent	Sep 23, 2015



## Project Summary

<b>Project Number:</b>	3351BD1703		
<b>Title:</b>	Aspen Grove Improvements		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	51 - Aspen Grove		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Aspen Grove improvements				
<b>Project Internal Staff</b>				
Parks Superintendent, Engineering				
<b>Project Justification</b>				
The wooden picnic tables are exceeding the expected useful life and have been in service for over twenty-five years. The thirteen wooden picnic tables (seating for 80) require staining twice a year and broad replacement is increasing required as the aged of the wood splinters and shows its age. Many of the picnic tables frames have settled and are at varies heights that are not at a consistent standard height. The current picnic tables do not provide wheelchair accessibility. Some of the new tables would allow for handicap accessibility. Currently 4 additional portable tables are used to provide adequate seating. Our current picnic table standard is a plastic/rubber coated metal top and powder coated frame that reduces the need for yearly maintenance such as staining and wood replacement. New tables would provide for 160 seating. The grill replacement will provide for safer and easier adjustment grill heights. Landscape improvements will provide hanging planters and planters for deck and barbeque area lastly additional plants along the inside fencing.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Landscape Improvements	10,000	0	10,000	
Year Total	10,000	0	10,000	
2022				
BBQ Improvements - New Grill	5,000	0	5,000	
Twenty-six Picnic Tables	36,400	0	36,400	
Year Total	41,400	0	41,400	
	<b>51,400</b>	<b>0</b>	<b>51,400</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017	May 1, 2020		Parks Superintendent	Oct 31, 2022



## Project Summary

<b>Project Number:</b>	3351BD2101		
<b>Title:</b>	Dumpster enclosure – Village Green/Aspen Grove		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	51 - Aspen Grove		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Replace Dumpster Enclosure at Aspen Grove to meet standards				
<b>Project Internal Staff</b>				
Parks Superintendent, Engineering				
<b>Project Justification</b>				
The enhancement to the Aspen Grove/Village Green dumpster enclosure will provide an additional place for a recycling dumpster and be aesthetically pleasing in a highly visible location. The dumpster enclosure serves Village Green which hosts a number of special events and the Aspen Grove facility which serves numerous events with food being serviced. It's critical that Catering and Facilities staff has enough dumpster capabilities to secure trash and recycling waste. The current trash dumpster enclosure is built out of wood, and is frequently damaged by bears. This project will bring the trash and recycling enclosure up to more durable standard that will save the cost of frequent repairs associated with a wooden structure. This improvement will help make Parks, Catering and Facilities staff more efficient at collecting trash and improve recycling efforts.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Dumpster Enclosure	45,000	0	45,000	
Year Total	45,000	0	45,000	
	<b>45,000</b>	<b>0</b>	<b>45,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016	May 16, 2021		Parks Superintendent	Jun 30, 2021



## Project Summary

<b>Project Number:</b>	3351LI1807		
<b>Title:</b>	Replacement Sod at Aspen Grove		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	51 - Aspen Grove		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LI - Land Improvements		

<b>Project Description</b>	
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Replace the sod at Aspen Grove in high traffic areas within the fenced-in area.

<b>Project Internal Staff</b>	
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<b>Project Justification</b>	
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The turf in Aspen Grove has been a challenge to maintain for several reasons: heavy usage from events and weddings; competition between turf roots and tree roots for water and nutrients; and soil that is less than ideal for growing top quality turf. Consistent shade from the aspen trees also presents a barrier to optimum turf growth. IVGID Staff and outside experts agree that the best solution moving forward would be to strip about 8,000 square feet of the existing turf. Soil tests of the existing soil will be taken and an amendment package applied to provide the soil with the nutrients it is currently lacking. Additional topsoil will be brought onsite to mix with existing soil and the area will then be prepped, rototilled, and regraded for proper drainage. Finally new sod will be installed on the improved and amended soil bed. According to the outside expert the lack of ideal growing conditions for turf at Aspen Grove will require that the sod be replaced every 8-10 years.

<b>Forecast</b>			
Budget Year	Total Expense	Total Revenue	Difference
2020			
Sod at Aspen Grove	18,000	0	18,000
Year Total	18,000	0	18,000
2028			
Sod at Aspen Grove	19,800	0	19,800
Year Total	19,800	0	19,800
2038			
Sod at Aspen Grove	21,780	0	21,780
Year Total	21,780	0	21,780
	<b>59,580</b>	<b>0</b>	<b>59,580</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2018			Sales and Events Coordinator	



## Project Summary

<b>Project Number:</b>	3352LV1720		
<b>Title:</b>	Replace 2013 Cargo Truck #690		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	52 - Catering		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>
This project is for the scheduled replacement of vehicles by the Fleet Division for the Food & Beverage Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.

<b>Project Internal Staff</b>
Fleet and Food & Beverage staff have identified that replacement of this small van to a much larger truck with a cargo box and liftgate would better suit the operational needs of the department and this larger truck would reduce the need for two vehicles. Truck #474 which Food & Beverage operates now could be transferred to Parks Department which has a replacement scheduled of a 1993 pick up. This transfer of asset will lower capital cost by \$25,000

<b>Project Justification</b>
Vehicle #509 is used by the Food and Beverage department to transport food and catering supplies to the various venues with the District. This Van is not properly suited for this job. Cleanliness is a big problem and when things are spilled and the inside of this van needs to be cleaned the interior and electrical system get wet and damaged. This vehicle needs to be replaced by a truck with rear enclosed box to better suit the needs of this operation and overall sanitary conditions

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2023			
Cargo Box	38,500	0	38,500
Year Total	38,500	0	38,500
	<b>38,500</b>	<b>0</b>	<b>38,500</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	Jul 1, 2022		Fleet Superintendent	Apr 30, 2023



## 2018/2019 - 5 Year Project Summary Totals - SKI

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total	
Ski	3453BD1806	Base Lodge Walk In Cooler and Food Prep Reconfiguration	-	15,000	150,000	-	-	165,000	
	3453FF1706	Replace Main Lodge/Snowflake Lodge Dinning Furniture and Fixtures	-	30,000	52,000	-	-	82,000	
	3453FF1707	Replacement of Main and Snowflake Lodge Kitchen Equipment	33,000	53,000	-	-	-	86,000	
	3462CE1902	Diamond Peak Fiber Network to Lifts	-	-	-	-	68,000	68,000	
	3462HE1502	Crystal Express Ski Lift Maintenance and Improvements	-	30,000	-	25,000	345,000	400,000	
	3462HE1702	Lakeview Ski Lift Maintenance and Improvements	-	250,000	30,000	192,000	-	472,000	
	3462HE1711	Lodgepole Ski Lift Maintenance and Improvements	-	-	-	60,000	-	60,000	
	3462HE1712	Red Fox Ski Lift Maintenance and Improvements	-	30,000	20,000	-	-	50,000	
	3463HE1722	Loader Tire Chains (1-Set)	-	-	-	9,750	-	9,750	
	3463HE1723	2002 Caterpillar 950G Loader #524	-	-	-	265,000	-	265,000	
	3463HE1728	Replace 2011 Grooming vehicle # 645	-	-	-	400,000	-	400,000	
	3463HV1727	Replace 2008 Grooming vehicle # 628	-	390,000	-	-	-	390,000	
	3464BD1403	Resurface Main Lodge Decks	-	63,200	-	-	-	63,200	
	3464HE1901	Snowmaking Compressor House (C45)	-	-	350,000	-	-	350,000	
	3464LE1601	Ski Resort Snowmobile Fleet Replacement	15,000	15,500	16,000	16,500	17,000	80,000	
	3464LE1729	Snowplow #304A	-	-	-	19,000	-	19,000	
	3464LE1734	2016 Polaris Ranger Crew #723	-	-	-	-	19,000	19,000	
	3464LI1501	Diamond Peak Base Facilities Maintenance and Improvements	70,000	-	-	-	-	70,000	
	3464LV1730	2014 Yamaha ATV #695	-	-	-	19,000	-	19,000	
	3464LV1731	2012 Yamaha ATV #683	-	18,000	-	-	-	18,000	
	3464LV1732	2013 Yamaha Rhino (ATV) #674	-	-	21,000	-	-	21,000	
	3464LV1733	2008 Yamaha Rhino (ATV) #639	22,000	-	-	-	-	22,000	
	3464ME1802	Diamond Peak Fuel Storage Facility	-	-	-	-	100,000	100,000	
	3464SI1002	Fan Guns Purchase and Refurbishment	-	130,000	-	-	-	130,000	
	3467LE1703	Child Ski Center Surface Lift	-	-	-	65,000	-	65,000	
	3468RE0002	Replace Ski Rental Equipment	135,000	200,000	185,000	-	150,000	670,000	
	3468RE1609	Replace Ski Rental Machinery	-	-	-	36,000	-	36,000	
	3469HE1739	Replace 2010 Shuttle Bus #635	-	-	130,000	-	-	130,000	
	3469HE1740	Replace 2010 Shuttle Bus #636	-	-	130,000	-	-	130,000	
	3469LI1105	Pavement Maintenance, Diamond Peak and Ski Way	85,000	135,000	245,000	-	-	465,000	
	3469LI1805	Ski Way and Diamond Peak Parking Lot Reconstruction	50,000	100,000	300,000	2,750,000	2,100,000	5,300,000	
	3469LV1735	2007 Chevy 1-Ton Pick-Up #596	-	40,000	-	-	-	40,000	
	3469LV1736	2007 Chevy 1-Ton Pick-Up #597	-	40,000	-	-	-	40,000	
	3469LV1737	1991 Ski Passenger Tram #267	-	-	-	22,700	-	22,700	
	3469LV1738	1993 Ski Passenger Tram #283	-	-	-	-	23,400	23,400	
	3499BD1710	Diamond Peak Facilities Flooring Material Replacement	-	43,000	40,000	62,000	-	145,000	
	3499BD1801	Ski Fleet Fire Panel Replacement	25,000	-	-	-	-	25,000	
	3499BD1803	Snowflake Lodge Facilities Maintenance and Improvements	27,000	-	-	-	-	27,000	
	3499BD1804	Storage Building Replacement Design Evaluation (Net of Grants)	40,000	-	-	-	-	40,000	
	3499LI1101	Incline Creek Culvert Rehabilitation at Diamond Peak	3,785,000	-	-	-	-	3,785,000	
	3499OE1205	Replace Staff Uniforms	-	-	130,000	-	-	130,000	
	3499OE1502	Skier Services Administration Printer Copier Replacement 1210 Ski Way	-	10,000	-	-	-	10,000	
		<b>Total</b>		<b>4,287,000</b>	<b>1,592,700</b>	<b>1,799,000</b>	<b>3,941,950</b>	<b>2,822,400</b>	<b>14,443,050</b>
	Ski Master Plan Implementation	3653BD1501	Ski Area Master Plan Implementation - Phase 1a and 1b	-	150,000	1,183,000	1,183,000	878,887	3,394,887
		3653BD1502	Ski Area Master Plan Implementation - Phase 2	-	-	-	-	100,000	100,000
		<b>Total</b>		<b>-</b>	<b>150,000</b>	<b>1,183,000</b>	<b>1,183,000</b>	<b>978,887</b>	<b>3,494,887</b>





## Project Summary

<b>Project Number:</b>	3453BD1806		
<b>Title:</b>	Base Lodge Walk In Cooler and Food Prep Reconfiguration		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	53 - Food & Beverage		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>	This project will replace the aging walk-in cooler for the Diamond Peak Base Lodge Kitchen and do so in a manner that reconfigures placement to improve cold storage capacities and food prep operations. Doing so will provide opportunities to significantly enhance speed of service to the customer.
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<b>Project Internal Staff</b>	This project will be managed by the Engineering Division with support from Diamond Peak and Food & Beverage Staff
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<b>Project Justification</b>	Existing walk-in cooler is undersized relative to operational needs and kitchen food prep area is awkwardly laid-out in a manner inconsistent with industry best practices.
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<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Construct Improvements	15,000	0	15,000	
Year Total	15,000	0	15,000	
2021				
Construct Improvements	150,000	0	150,000	
Year Total	150,000	0	150,000	
	<b>165,000</b>	<b>0</b>	<b>165,000</b>	

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018				



## Project Summary

<b>Project Number:</b>	3453FF1706		
<b>Title:</b>	Replace Main Lodge/Snowflake Lodge Dining Furniture and Fixtures		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	53 - Food & Beverage		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	FF - Furniture and Fixtures		

<b>Project Description</b>				
This project outlines the periodic replacement of furnishings and fixtures associated with customer dining experience at the Main and Snowflake Lodge.				
<b>Project Internal Staff</b>				
Food and Beverage				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and replacement improvements that directly or indirectly reflect on our guest's experience. This project is designed to maintain the value of the Diamond Peak Ski Resort asset and customer service.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Main Lodge Deck Furniture	30,000	0	30,000	
Year Total	30,000	0	30,000	
2021				
Replace Dining Chairs Main Lodge - Snowflake Lodge	32,000	0	32,000	
Replace Dining Tables Main Lodge - Snowflake Lodge	20,000	0	20,000	
Year Total	52,000	0	52,000	
2028				
Replace Dining Tables Main Lodge - Snowflake Lodge	32,919	0	32,919	
Year Total	32,919	0	32,919	
	<b>114,919</b>	<b>0</b>	<b>114,919</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016			Food and Beverage Director	



## Project Summary

<b>Project Number:</b>	3453FF1707		
<b>Title:</b>	Replacement of Main and Snowflake Lodge Kitchen Equipment		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	53 - Food & Beverage		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	FF - Furniture and Fixtures		

<b>Project Description</b>				
This project outlines the periodic replacement of kitchen equipment and fixtures associated with customer dining experience at Diamond Peak's Main Lodge and Snowflake lodge.				
<b>Project Internal Staff</b>				
Food and Beverage				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and replacement improvements that directly or indirectly reflect on our guest's experience. This project is designed to maintain the value of the Diamond Peak Ski Resort asset and customer service.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Charbroiler w/ Refer Table	10,000	0	10,000	
Kitchen 6 burner stove oven	7,000	0	7,000	
Kitchen griddle oven	7,000	0	7,000	
Pitco Fryers	9,000	0	9,000	
Year Total	33,000	0	33,000	
2020				
Loft bar walk-in cooler	53,000	0	53,000	
Year Total	53,000	0	53,000	
2025				
Dishwasher Machine	11,000	0	11,000	
Year Total	11,000	0	11,000	
	<b>97,000</b>	<b>0</b>	<b>97,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016			Food and Beverage Director	



## Project Summary

<b>Project Number:</b>	3462CE1902		
<b>Title:</b>	Diamond Peak Fiber Network to Lifts		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	62 - Lift Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	CE - Communications Equipment		

<b>Project Description</b>				
Establish an Ethernet service to a multi-point network of the lifts at Diamond Peak. These include Crystal Quad, Lodgepole, Lakeview and Schoolhouse. The Local Area Network (LAN) would be housed in a conduit and contain fiber lines for connectivity.				
<b>Project Internal Staff</b>				
The IT Senior Analyst has responsibility for the radio and internal communication lines for the District. That included setup and take down on either end of seasons and to assess care and condition of the lines on an ongoing basis.				
<b>Project Justification</b>				
The current communication lines essentially are telephone lines mimicking a DSL connection. These offer neither the necessary bandwidth or reliability the District needs as it enters a more technological age of remote scanners, video message boards and other electronic means of communication. A fiber network gives the District the best chance for capacity. This would seek to be installed in conjunction with the culvert or other property improvement rather than as a separate mobilization or trenching activity.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
Contingency	10,000	0	10,000	
Fiber cable 4,000 feet	6,000	0	6,000	
Trenching and conduit 4,000 feet	52,000	0	52,000	
Year Total	68,000	0	68,000	
	<b>68,000</b>	<b>0</b>	<b>68,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016	Jul 1, 2019		Senior Systems Analyst	Jun 30, 2020



## Project Summary

<b>Project Number:</b>	3462HE1502		
<b>Title:</b>	Crystal Express Ski Lift Maintenance and Improvements		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	62 - Lift Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>	<p>The District owns 6 aerial ski lifts at Diamond Peak Ski Resort. The lifts were generally constructed between 1969, 1979, 1995 and 2003 consisting of fixed grip double chair, fixed grip quad chair and a detachable quad chair. Each lift contains many of the same operating components such as motors, gear reducers, auxiliary engines, fuel tanks, haul ropes, counterweight ropes, line machinery, tensioning systems, braking systems, bull wheels, carriers and haul rope grips, communication lines, safety control systems, drive control systems, switches, conveying systems and loading systems</p>
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<b>Project Internal Staff</b>	IVGID Engineering, Diamond Peak Staff
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<b>Project Justification</b>	<p>This Project Funds the replacement and maintenance of equipment listed above within the chair lift system. Staff performs inspections and maintenance on the lift system and plans future major upgrades as equipment reaches the end of its useful life. The age of the equipment, the number of hours operating the equipment and other equipment analyses, such as vibration testing and non destructive testing, dictate replacement or rehabilitation of the equipment to maintain a reliable ski lift system to our customers.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2020			
Electric Drive Motor Refurbish	30,000	0	30,000
Year Total	30,000	0	30,000
2022			
Replace conveying system components	25,000	0	25,000
Year Total	25,000	0	25,000
2023			
Replace Bullwheel Bearings	70,000	0	70,000
Replace Carrier Hanger Axles	180,000	0	180,000
Replace Haul Rope Grip Axles	35,000	0	35,000
Replace Haul Rope Grip Guide Rollers	60,000	0	60,000
Year Total	345,000	0	345,000
	<b>400,000</b>	<b>0</b>	<b>400,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
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2013			Ski Resort General Manager	
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## Project Summary

<b>Project Number:</b>	3462HE1702		
<b>Title:</b>	Lakeview Ski Lift Maintenance and Improvements		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	62 - Lift Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>				
The District owns 6 Aerial ski lifts at Diamond Peak Ski Resort. The lifts were generally constructed between 1969, 1979, 1995 and 2003 consisting of fixed grip double chair, fixed grip quad chair and a detachable quad chair. Each lift contains many of the same operating components such as motors, gear reducers, auxiliary engines, fuel tanks, haul ropes, counterweight ropes, line machinery, tensioning systems, braking systems, bull wheels, carriers and haul rope grips, communication lines, safety control systems, drive control systems, switches, conveying systems and loading systems				
<b>Project Internal Staff</b>				
IVGID Engineering, Diamond Peak Staff				
<b>Project Justification</b>				
This Project Funds the replacement and maintenance of equipment listed above within the chair lift system. Staff performs inspections and maintenance on the lift system and plans future major upgrades as equipment reaches the end of its useful life. The age of the equipment, the number of hours operating the equipment and other equipment analyses, such as vibration testing and non destructive testing, dictate replacement or rehabilitation of the equipment to maintain a reliable ski lift system to our customers.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Replace Lift Motor Drive and Safety Control Systems	250,000	0	250,000	
Year Total	250,000	0	250,000	
2021				
Replace Drive Terminal Bullwheel Bearings	30,000	0	30,000	
Year Total	30,000	0	30,000	
2022				
Replace Carrier Haul Rope Grips	192,000	0	192,000	
Year Total	192,000	0	192,000	
	<b>472,000</b>	<b>0</b>	<b>472,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013			Ski Resort General Manager	



## Project Summary

<b>Project Number:</b>	3462HE1711		
<b>Title:</b>	Lodgepole Ski Lift Maintenance and Improvements		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	62 - Lift Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>				
The District owns 6 aerial ski lifts at Diamond Peak Ski Resort. The lifts were generally constructed between 1969, 1979, 1995 and 2003 consisting of fixed grip double chair, fixed grip quad chair and a detachable quad chair. Each lift contains many of the same operating components such as motors, gear reducers, auxiliary engines, fuel tanks, haul ropes, counterweight ropes, line machinery, tensioning systems, braking systems, bull wheels, carriers and haul rope grips, communication lines, safety control systems, drive control systems, switches, conveying systems and loading systems				
<b>Project Internal Staff</b>				
IVGID Engineering, Diamond Peak Staff				
<b>Project Justification</b>				
This Project Funds the replacement and maintenance of equipment listed above within the chair lift system. Staff performs inspections and maintenance on the lift system and plans future major upgrades as equipment reaches the end of its useful life. The age of the equipment, the number of hours operating the equipment and other equipment analyses, such as vibration testing and non destructive testing, dictate replacement or rehabilitation of the equipment to maintain a reliable ski lift system to our customers.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Replace Bullwheel Bearings	60,000	0	60,000	
Year Total	60,000	0	60,000	
2024				
Replace Carrier Hanger Arms	40,000	0	40,000	
Replace Carrier Haul Rope Grips	120,000	0	120,000	
Replace low voltage control systems	160,000	0	160,000	
Year Total	320,000	0	320,000	
	<b>380,000</b>	<b>0</b>	<b>380,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Ski Resort General Manager	



## Project Summary

<b>Project Number:</b>	3462HE1712		
<b>Title:</b>	Red Fox Ski Lift Maintenance and Improvements		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	62 - Lift Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>				
The District owns 6 aerial ski lifts at Diamond Peak Ski Resort. The lifts were generally constructed between 1969, 1979, 1995 and 2003 consisting of fixed grip double chair, fixed grip quad chair and a detachable quad chair. Each lift contains many of the same operating components such as motors, gear reducers, auxiliary engines, fuel tanks, haul ropes, counterweight ropes, line machinery, tensioning systems, braking systems, bull wheels, carriers and haul rope grips, communication lines, safety control systems, drive control systems, switches, conveying systems and loading systems				
<b>Project Internal Staff</b>				
IVGID Engineering, Diamond Peak Staff				
<b>Project Justification</b>				
This Project Funds the replacement and maintenance of equipment listed above within the chair lift system. Staff performs inspections and maintenance on the lift system and plans future major upgrades as equipment reaches the end of its useful life. The age of the equipment, the number of hours operating the equipment and other equipment analyses, such as vibration testing and non destructive testing, dictate replacement or rehabilitation of the equipment to maintain a reliable ski lift system to our customers.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Install Chair Bail Gussets	30,000	0	30,000	
Year Total	30,000	0	30,000	
2021				
Replace Counter Weight Rope	20,000	0	20,000	
Year Total	20,000	0	20,000	
	<b>50,000</b>	<b>0</b>	<b>50,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Ski Resort General Manager	



## Project Summary

<b>Project Number:</b>	3463HE1722		
<b>Title:</b>	Loader Tire Chains (1-Set)		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	63 - Slope Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>					
1-sets of loader tire chains, utilized by the Cat 950G wheel loader #524. These chains are necessary for the safe operation of the loader during the winter snow removal season. These chains are on a 3-year replacement schedule.					
<b>Project Internal Staff</b>					
Fleet Maintenance Staff will manage this project					
<b>Project Justification</b>					
These chains are necessary for the safe operation of the loader during the winter snow removal season and have reached the end of their useful life.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2022					
Loader Tire Chains (1-Set)	9,750	0	9,750		
Year Total	9,750	0	9,750		
	9,750	0	9,750		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2012			Fleet Superintendent		



## Project Summary

<b>Project Number:</b>	3463HE1723		
<b>Title:</b>	2002 Caterpillar 950G Loader #524		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	63 - Slope Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>				
This project is for the scheduled replacement of the Ski Resort bucket wheel loader. This loader is on a 15-year replacement cycle subject to equipment operating hours, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. The loader will be moved back in the CIP replacement program if indicators reveal no increased equipment down time or elevated maintenance cost will result by deferring the replacement date. Replacement procurement is budgeted assuming a total purchase price of \$265,000 utilizing a 7-year municipal lease with the District assuming ownership and the end of the lease term.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This loader is critical to the operation of the Ski Resort to protect revenue and provide safe access for customers, residence and staff. Utilized during winter months for the snow removal requirements on Ski Way and several customer parking areas. This loader is also utilized in conjunction with an attached snow blower for keeping the parking areas widened out to prevent the loss of parking spaces. Additionally ski utilizes this equipment extensively during the summer for the continual maintenance requirements of the mountain operations division.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Caterpillar 950G Loader	265,000	0	265,000	
Year Total	265,000	0	265,000	
	<b>265,000</b>	<b>0</b>	<b>265,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3463HE1728		
<b>Title:</b>	Replace 2011 Grooming Vehicle # 645		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	63 - Slope Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

### Project Description

This project is for the scheduled replacement of one of Diamond Peak's snow cats. This snow cat is on a 10-year replacement cycle subject to operating hours, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Currently, Diamond Peak operates 5 snowcats on the mountain. This replacement plan calls for replacement of one cat every other year in the line grooming fleet (5 cats). Recent research by staff indicates that our local competitors are averaging 30 acres groomed per night for each cat in their fleet - Diamond Peak is currently grooming 32 acres per night for each of our 5 cats in the line grooming fleet. This snow cat will be moved back in the CIP replacement program if indicators reveal no increased equipment down time or elevated maintenance cost will result by deferring the replacement date. Replacement procurement is budgeted assuming a total purchase price of \$400,000 utilizing a 7-year municipal lease with the District assuming ownership and the end of the lease term.

### Project Internal Staff

Fleet Maintenance Staff will manage this project

### Project Justification

It is necessary to continue the routine replacement of our grooming equipment so that it is replaced prior to major component failure and to continue to stay abreast of industry changes and improvements to provide the best quality product for our skiing guests. Major component failure can cost more than the actual value of these vehicles as their age increases. These components can cost as much as \$25,000 for an engine or \$20,000 for a drive pump and motor set. There are 3-sets to each grooming vehicle. Grooming vehicles will only be replaced if serviceability, reliability, performance and economic factors dictate. Our records, as well as those of snow cat manufacturers, indicate that the hourly operating cost of a snow cat increases by more than 60% once they pass the 8000 to 9000 hour operating range. Additionally, downtime increases in direct proportion, diminishing the quality of our grooming product.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2022			
Replace Grooming Vehicle	400,000	0	400,000
Year Total	400,000	0	400,000
	<b>400,000</b>	<b>0</b>	<b>400,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3463HV1727		
<b>Title:</b>	Replace 2008 Grooming vehicle # 628		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	64 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HV - Heavy Duty Vehicles		

### Project Description

This project is for the scheduled replacement of one of Diamond Peak's snow cats. This snow cat is on a 10-year replacement cycle subject to operating hours, accrued maintenance cost, oil analysis reports, visual inspection, and overall condition. Currently, Diamond Peak operates 5 snowcats on the mountain. This replacement plan calls for replacement of one cat every other year in the line grooming fleet (5 cats). Recent research by staff indicates that our local competitors are averaging 30 acres groomed per night for each cat in their fleet - Diamond Peak is currently grooming 32 acres per night for each of our 5 cats in the line grooming fleet. This snow cat will be moved back in the CIP replacement program if indicators reveal no increased equipment down time or elevated maintenance cost will result by deferring the replacement date. Replacement procurement is budgeted assuming a total purchase price of \$390,000 utilizing a 7-year municipal lease with the District assuming ownership and the end of the lease term.

### Project Internal Staff

Fleet Maintenance Staff will manage this project

### Project Justification

It is necessary to continue the routine replacement of our grooming equipment so that it is replaced prior to major component failure and to continue to stay abreast of industry changes and improvements to provide the best quality product for our skiing guests. Major component failure can cost more than the actual value of these vehicles as their age increases. These components can cost as much as \$25,000 for an engine or \$20,000 for a drive pump and motor set. There are 3-sets to each grooming vehicle. Grooming vehicles will only be replaced if serviceability, reliability, performance and economic factors dictate. Our records, as well as those of snow cat manufacturers, indicate that the hourly operating cost of a snow cat increases by more than 60% once they pass 8000 to 9000 operating hours. Additionally, downtime increases in direct proportion, diminishing the quality of our grooming product.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2020			
Replace Grooming Vehicle	390,000	0	390,000
Year Total	390,000	0	390,000
	<b>390,000</b>	<b>0</b>	<b>390,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3464BD1403		
<b>Title:</b>	Resurface Main Lodge Decks		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	64 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
The Main Lodge decks were refinished and sealed in the fall of 2016. This project represents the normal cycle for deck resealing. The deck will be monitored by staff to determine the exact scheduling of the project.				
<b>Project Internal Staff</b>				
Staff will supervise and inspect contractor installation project.				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Diamond Peak asset and customer service.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Contingency	7,000	0	7,000	
deck reseal	55,000	0	55,000	
internal services	1,200	0	1,200	
Year Total	63,200	0	63,200	
2025				
Contingency	7,500	0	7,500	
deck reseal	60,000	0	60,000	
internal services	1,200	0	1,200	
Year Total	68,700	0	68,700	
	<b>131,900</b>	<b>0</b>	<b>131,900</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2014			Buildings Superintendent	





## Project Summary

<b>Project Number:</b>	3464HE1901	
<b>Title:</b>	Snowmaking Compressor House (C45)	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	64 - Mountain Operations	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	HE - Heavy Duty Service Equipment	

<b>Project Description</b>					
Upkeep of the functionality and value of our asset. (C45) Snowmaking Compressor Overhaul and replace (C45) air compressor 4160 VAC motor starter.					
<b>Project Internal Staff</b>					
Staff conducts an annual vibration test to validate functionality.					
<b>Project Justification</b>					
Staff recommends the internal servicing of the oldest of 3 snowmaking compressors. The (C45) snowmaking compressor was installed and has been in service since 1988 and seen no internal servicing to date. The (C45) air compressor and the Motor starter were installed in 1988 to provide more air capacity to the Snowmaking system at Diamond Peak. Motor starters of this size have seen many technological changes in the past 15 years. In 2009 staff replaced the (C90) compressor motor starter with a new Motortronics 4160 Volt soft start motor starter and saw a substantial reduction in electrical utility costs.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2021					
C45 Motor Starter	80,000	0	80,000		
C45 Snowmaking Compressor Overhaul	270,000	0	270,000		
Year Total	350,000	0	350,000		
	<b>350,000</b>	<b>0</b>	<b>350,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2013			Mountain Operations Manager		



## Project Summary

<b>Project Number:</b>	3464LE1601	
<b>Title:</b>	Ski Resort Snowmobile Fleet Replacement	
<b>Asset Class:</b>	F - Rolling Stock	
<b>Division:</b>	64 - Mountain Operations	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LE - Light Duty Service Equipment	

<b>Project Description</b>				
The snowmobiles at Diamond Peak are used for winter operations including Ski Patrol, Snow Making, Lift Maintenance/Operations, and Slope Maintenance. Diamond Peak also provides a snowmobile to the Utility Treatment Plant for emergency access to water and sewer pumping stations and water reservoirs. Due to heavy use in a harsh environment these machines experience accelerated wear and damage. With the help of computerized maintenance records and visual inspection Fleet staff has identified the useful life of this equipment to be six operating seasons and will determine the best replacement unit at time of schedule.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
Staff reduced the number of snowmobiles Diamond Peak operates from 11 to 7 and replaces them on a 6-year rotation. This reduces maintenance costs and insures an adequate number of machines available at all times to prevent negatively impacting any Ski Resort operation.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
	15,000	0	15,000	
Year Total	15,000	0	15,000	
2020				
	15,500	0	15,500	
Year Total	15,500	0	15,500	
2021				
	16,000	0	16,000	
Year Total	16,000	0	16,000	
2022				
	16,500	0	16,500	
Year Total	16,500	0	16,500	
2023				
	17,000	0	17,000	
Year Total	17,000	0	17,000	
2024				
	17,000	0	17,000	
Year Total	17,000	0	17,000	
	<b>97,000</b>	<b>0</b>	<b>97,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2015			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3464LE1729		
<b>Title:</b>	Snowplow #304A		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	64 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>	<p>Purchase replacement snow plow utilized in conjunction with Utility Division loaders for winter snow removal requirements around the entire District. The areas include Diamond Peak parking lots, Skiway, Recreation Center, Administration, Public Works facilities, Water and Sewer pump stations, water reservoir roads and etc. Loader snow plows are on a 10-year replacement schedule subject to overall condition. The plow will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring the replacement date.</p>
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<b>Project Internal Staff</b>	<p>Fleet Maintenance Staff will manage this project</p>
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<b>Project Justification</b>	<p>This snowplow is critical to the operation of the District during the winter months. Necessary for snow removal of parking lots at Diamond Peak, Ski Way roadway, Recreation Center, Main office and other District facilities. Considered vital for the protection of public health and safety and revenue for the recreation venues. The scheduled replacement of this equipment will be subject to accrued maintenance cost, visual inspection and overall condition. Plow will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring replacement dates.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2022			
Snowplow	19,000	0	19,000
Year Total	19,000	0	19,000
2031			
Snowplow	21,000	0	21,000
Year Total	21,000	0	21,000
	<b>40,000</b>	<b>0</b>	<b>40,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3464LE1734		
<b>Title:</b>	2016 Polaris Ranger Crew #723		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	64 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>	<p>This project is for the scheduled replacement of the utility vehicles, by the Fleet Division, for the Diamond Peak Ski Resort's summer mountain maintenance program. These vehicles are necessary for the transport of repair parts and materials, utilized by staff for sloop and lift maintenance, where standard 4-wheel drive vehicles are unable to traverse. The vehicle replacement is subject to accrued maintenance cost, oil analysis reports and visual inspection for overall condition. This vehicle will be moved back in the CIP program if indicators reveal that no increase in equipment down time or elevated maintenance cost will result by deferring the replacement date.</p>
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<b>Project Internal Staff</b>	
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<b>Project Justification</b>	<p>This utility vehicle is necessary for mountain access where standard 4-wheel drive pick-up trucks are unable to traverse. They are subjected to extreme operating conditions due to the harsh terrain they are required to navigate on a daily basis, for routine mountain sloop and lift maintenance. History shows that maintenance and repair cost exceeds equipment value should we continue to operate these vehicles past their scheduled rotation date, also resulting in excessive equipment down time.</p>
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2023	19,000	0	19,000
Year Total	19,000	0	19,000
	<b>19,000</b>	<b>0</b>	<b>19,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2015	Jul 1, 2024		Fleet Superintendent	Sep 30, 2024



## Project Summary

<b>Project Number:</b>	3464LI1501		
<b>Title:</b>	Diamond Peak Base Facilities Maintenance and Improvements		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	64 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
The Diamond Peak Base Lodge was renovated in 2008 and the Skier Services Building was constructed in 2010. The Air Water Building was constructed in the early 1960s and currently provides much needed general storage in support of Diamond Peak operations. This project is to provide on-going capital maintenance of all base area facilities. The work scheduled includes addressing 3rd floor deck waterproofing.				
<b>Project Internal Staff</b>				
The Buildings Division and Engineering Division will oversee and complete the work.				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Diamond Peak Base Lodge and Skier Services Building.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Base Lodge 3rd Floor Deck Waterproofing	60,000	0	60,000	
Contingency	6,000	0	6,000	
Internal Services	4,000	0	4,000	
Year Total	70,000	0	70,000	
	<b>70,000</b>	<b>0</b>	<b>70,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2019		Director of Asset Management	Sep 1, 2019



## Project Summary

<b>Project Number:</b>	3464LV1730		
<b>Title:</b>	2014 Yamaha ATV #695		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	64 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

**Project Description**  
 This project is for the scheduled replacement of the All Terrain Vehicles, by the Fleet Division, for the Diamond Peak Ski Resort's summer mountain maintenance program. These vehicles are utilized by staff for mountain sloop and lift maintenance, where standard 4-wheel drive vehicles are unable to traverse. The vehicle replacement is subject to accrued maintenance cost, oil analysis reports and visual inspection for overall condition. This vehicle will be moved back in the CIP program if indicators reveal that no increase in equipment down time or elevated maintenance cost will result by deferring the replacement date.

**Project Internal Staff**  
 Fleet Maintenance Staff will manage this project

**Project Justification**  
 This ATV is necessary for mountain access where standard 4-wheel drive pick-up trucks are unable to traverse. They are subjected to extreme operating conditions due to the harsh terrain they are required to navigate on a daily basis, for routine mountain sloop and lift maintenance. History shows that maintenance and repair cost exceeds equipment value should we continue to operate these vehicles past their scheduled rotation date, also resulting in excessive equipment down time.

Forecast			
Budget Year	Total Expense	Total Revenue	Difference
2022			
Replace ATV	19,000	0	19,000
Year Total	19,000	0	19,000
2026			
Replace ATV	12,000	0	12,000
Year Total	12,000	0	12,000
2032			
Replace ATV	14,000	0	14,000
Year Total	14,000	0	14,000
	<b>45,000</b>	<b>0</b>	<b>45,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2015	Jul 1, 2019		Fleet Superintendent	Sep 30, 2019



## Project Summary

<b>Project Number:</b>	3464LV1731		
<b>Title:</b>	2012 Yamaha ATV #683		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	64 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of the All Terrain Vehicles, by the Fleet Division, for the Diamond Peak Ski Resort's summer mountain maintenance program. These vehicles are utilized by staff for mountain sloop and lift maintenance, where standard 4-wheel drive vehicles are unable to traverse. The vehicle replacement is subject to accrued maintenance cost, oil analysis reports and visual inspection for overall condition. This vehicle will be moved back in the CIP program if indicators reveal that no increase in equipment down time or elevated maintenance cost will result by deferring the replacement date.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This ATV is necessary for mountain access where standard 4-wheel drive pick-up trucks are unable to traverse. They are subjected to extreme operating conditions due to the harsh terrain they are required to navigate on a daily basis, for routine mountain sloop and lift maintenance. History shows that maintenance and repair cost exceeds equipment value should we continue to operate these vehicles past their scheduled rotation date, also resulting in excessive equipment down time.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Replace ATV	18,000	0	18,000	
Year Total	18,000	0	18,000	
2026				
Replace ATV	18,000	0	18,000	
Year Total	18,000	0	18,000	
2032				
Replace ATV	20,000	0	20,000	
Year Total	20,000	0	20,000	
	<b>56,000</b>	<b>0</b>	<b>56,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2020		Fleet Superintendent	Sep 30, 2020





## Project Summary

<b>Project Number:</b>	3464LV1732		
<b>Title:</b>	2013 Yamaha Rhino (ATV) #674		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	64 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of the utility vehicles, by the Fleet Division, for the Diamond Peak Ski Resort's summer mountain maintenance program. These vehicles are necessary for the transport of repair parts and materials, utilized by staff for sloop and lift maintenance, where standard 4-wheel drive vehicles are unable to traverse. The vehicle replacement is subject to accrued maintenance cost, oil analysis reports and visual inspection for overall condition. This vehicle will be moved back in the CIP program if indicators reveal that no increase in equipment down time or elevated maintenance cost will result by deferring the replacement date.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This utility vehicle is necessary for mountain access where standard 4-wheel drive pick-up trucks are unable to traverse. They are subjected to extreme operating conditions due to the harsh terrain they are required to navigate on a daily basis, for routine mountain sloop and lift maintenance. History shows that maintenance and repair cost exceeds equipment value should we continue to operate these vehicles past their scheduled rotation date, also resulting in excessive equipment down time.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Replace Yamaha Rhino	21,000	0	21,000	
Year Total	21,000	0	21,000	
2026				
Replace Yamaha Rhino	22,000	0	22,000	
Year Total	22,000	0	22,000	
	<b>43,000</b>	<b>0</b>	<b>43,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2019		Fleet Superintendent	Sep 1, 2019



## Project Summary

<b>Project Number:</b>	3464LV1733		
<b>Title:</b>	2008 Yamaha Rhino (ATV) #639		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	64 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of the utility vehicles, by the Fleet Division, for the Diamond Peak Ski Resort's summer mountain maintenance program. These vehicles are necessary for the transport of repair parts and materials, utilized by staff for sloop and lift maintenance, where standard 4-wheel drive vehicles are unable to traverse. The vehicle replacement is subject to accrued maintenance cost, oil analysis reports and visual inspection for overall condition. This vehicle will be moved back in the CIP program if indicators reveal that no increase in equipment down time or elevated maintenance cost will result by deferring the replacement date.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This utility vehicle is necessary for mountain access where standard 4-wheel drive pick-up trucks are unable to traverse. They are subjected to extreme operating conditions due to the harsh terrain they are required to navigate on a daily basis, for routine mountain sloop and lift maintenance. History shows that maintenance and repair cost exceeds equipment value should we continue to operate these vehicles past their scheduled rotation date, also resulting in excessive equipment down time.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Replace Yamaha Rhino	22,000	0	22,000	
Year Total	22,000	0	22,000	
2025				
Replace Yamaha Rhino	23,000	0	23,000	
Year Total	23,000	0	23,000	
	<b>45,000</b>	<b>0</b>	<b>45,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2018		Fleet Superintendent	Aug 31, 2018



## Project Summary

<b>Project Number:</b>	3464ME1802		
<b>Title:</b>	Diamond Peak Fuel Storage Facility		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	64 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	ME - Mechanical Equipment		

<b>Project Description</b>				
This project is to replace underground fuel storage tanks for diesel located at the Main Lodge parking lot and gasoline tank located at vehicle maintenance shop. these tanks were originally installed in 1994 and are reaching the end of service life				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
Diamond Peak Fuel Storage Facility	100,000	0	100,000	
Year Total	100,000	0	100,000	
	<b>100,000</b>	<b>0</b>	<b>100,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3464SI1002		
<b>Title:</b>	Fan Guns Purchase and Refurbishment		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	64 - Mountain Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	SI - Slope & Mountain Improvements		

**Project Description**

This project maintains and enhances the District's airless snowmaking technology (fan guns, etc.) to reduce the noise factor associated with conventional snowmaking and to maximize our efficient use of water and electricity. For 2018 and 2020, the project will replace two aging and failing fan guns purchased in 1991 and will add two new fans to bring the fleet total to 16-fan guns. 16-fan guns represents full build-out for Diamond Peak.

**Project Internal Staff**

Mountain and Slope Operations staff will select the units for refurbishing based on service analysis.

**Project Justification**

The primary goal of snowmaking is to be able to better guarantee opening an acceptable quantity of terrain on only machine-made snow for the Christmas holidays each ski season. Snowmaking capacity and efficiency is necessary to keep the ski resort competitive by providing a variety of terrain, depth of snow coverage, timing of our initial opening and duration of the season, so that we may effectively compete with neighboring resorts.

Additional capacity, as well as a more efficient snowmaking system, enhance our ability to deliver a complete and competitive product in years of light natural snowfall and, more importantly, virtually guarantees (temperatures permitting) our ability to open the mountain with a variety of top-to-bottom skiing for the Christmas holidays. Expansion of our airless snowmaking capacity (fan guns) will complement our existing compressed air system by allowing us to make more efficient use of electricity as well as reducing noise levels in the base area and other parts of the mountain.

Additionally, the fan guns will allow us to maximize water flow each time snow is made, taking advantage of the increase in water capacity created over the past two years. By maximizing our new water capacity (with the new fan guns) we will be able to finish our snowmaking earlier in the season. Utilizing more fun guns will also allow us to avoid mid-peak electricity charges in January. This has the potential of savings \$20-30,000 for the season in electric costs.

Forecast			
Budget Year	Total Expense	Total Revenue	Difference
2020			
Purchase 3 Additional Fan Guns	130,000	0	130,000
Year Total	130,000	0	130,000
	<b>130,000</b>	<b>0</b>	<b>130,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Mountain Operations Manager	



## Project Summary

<b>Project Number:</b>	3467LE1703		
<b>Title:</b>	Child Ski Center Surface Lift		
<b>Asset Class:</b>	C - Capital Improvement - New Initiatives		
<b>Division:</b>	67 - Child Ski Center		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>					
The District owns 6 aerial ski lifts and 1 surface lift at Diamond Peak Ski Resort. This project describes the procurement and installation of an additional surface lift within the Child Ski Center learning area.					
<b>Project Internal Staff</b>					
IVGID Engineering, Diamond Peak Staff					
<b>Project Justification</b>					
This project will expand the on-mountain lift capacity for Child Ski Center lessons.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2022					
Child Ski Center Surface Lift	65,000	0	65,000		
Year Total	65,000	0	65,000		
	<b>65,000</b>	<b>0</b>	<b>65,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2017			Ski Resort General Manager		



## Project Summary

<b>Project Number:</b>	3468RE0002		
<b>Title:</b>	Replace Ski Rental Equipment		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	68 - Rental & Repair		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	RE - Rental Equipment		

**Project Description**

The District owns and maintains a fleet of 1,405 skis and bindings (ranging in size from 70cm to 188cm), 1,550 ski boots, 330 snowboards, and 400 snowboard boots in its rental shop. The rental shop equipment replacement purchases are part of a comprehensive program to maintain a functional and reliable rental fleet at Diamond Peak. This ongoing program replaces rental equipment on a four year cycle and is vital to ensuring a safe and enjoyable experience for the guests at Diamond Peak that utilize the rental shop.

**Project Internal Staff**

**Project Justification**

The general purpose of this project is to improve our facilities through required maintenance and replacement improvements that directly or indirectly reflect on our guest's experience. This project is designed to maintain the value of the Diamond Peak Ski Resort asset and customer service. In addition to rental equipment, the shop also purchases demo ski and snowboard equipment, as well as helmets. These may be included in the purchase order with vendors, but is not considered capital equipment because they turnover in 2 years or less.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Children skis and boots	135,000	0	135,000
Year Total	135,000	0	135,000
2020			
Adult skis and boots	200,000	0	200,000
Year Total	200,000	0	200,000
2021			
Snowboard equipment	185,000	0	185,000
Year Total	185,000	0	185,000
2023			
Children skis and boots	150,000	0	150,000
Year Total	150,000	0	150,000
	<b>670,000</b>	<b>0</b>	<b>670,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016			Director of Skier Services	



## Project Summary

<b>Project Number:</b>	3468RE1609		
<b>Title:</b>	Replace Ski Rental Machinery		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	68 - Rental & Repair		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	RE - Rental Equipment		

<b>Project Description</b>				
This project describes the replacement of Hyatt Sport Shop rental equipment storage units. The current storage units accommodate Skis, Ski Boots, Ski Poles, Snow Boards and Snow Board Boots				
<b>Project Internal Staff</b>				
Diamond Peak Staff will manage this project.				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and replacement improvements that directly or indirectly reflect our guest experience. This project is designed to maintain the value of the Diamond Peak Ski Resort, Hyatt Sport Shop asset and customer service.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Replace ski rental machinery	36,000	0	36,000	
Year Total	36,000	0	36,000	
	<b>36,000</b>	<b>0</b>	<b>36,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2015			Director of Skier Services	



## Project Summary

<b>Project Number:</b>	3469HE1739	
<b>Title:</b>	Replace 2010 Shuttle Bus #635	
<b>Asset Class:</b>	F - Rolling Stock	
<b>Division:</b>	69 - Property, Parking & Transportation	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	HE - Heavy Duty Service Equipment	

<b>Project Description</b>				
This project is for the scheduled replacement of one of Diamond Peak's 36-passenger shuttle buses. The Diamond Peak buses are on a 10-year replacement cycle subject to operating mileage, accrued maintenance cost, oil analysis reports, visual inspection, and overall condition. Buses will be moved back in the CIP if indicators reveal that no increase in vehicle down time or elevated maintenance cost will result by deferring the replacement date. Replacement procurement is budgeted assuming a total purchase price of \$130,000 utilizing a 7-year municipal lease with the District assuming ownership and the end of the lease term.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This 36 passenger bus is used for transportation during the operating season of Diamond Peak to shuttle customers from locations throughout the community and the parking areas to the Base Lodge. This bus also get used during the off season for youth programs and special events during the summer months.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Shuttle Bus	130,000	0	130,000	
Year Total	130,000	0	130,000	
	<b>130,000</b>	<b>0</b>	<b>130,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	





## Project Summary

<b>Project Number:</b>	3469HE1740		
<b>Title:</b>	Replace 2010 Shuttle Bus #636		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	69 - Property, Parking & Transportation		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	HE - Heavy Duty Service Equipment		

<b>Project Description</b>			
This project is for the scheduled replacement of one of Diamond Peak's 36-passenger shuttle buses. The Diamond Peak buses are on a 10-year replacement cycle subject to operating mileage, accrued maintenance cost, oil analysis reports, visual inspection, and overall condition. Buses will be moved back in the CIP if indicators reveal that no increase in vehicle down time or elevated maintenance cost will result by deferring the replacement date. Replacement procurement is budgeted assuming a total purchase price of \$130,000 utilizing a 7-year municipal lease with the District assuming ownership and the end of the lease term.			
<b>Project Internal Staff</b>			
Fleet Maintenance Staff will manage this project			
<b>Project Justification</b>			
This 36 passenger bus is used for transportation during the operating season of Diamond Peak to shuttle customers from locations throughout the community and the parking areas to the Base Lodge. This bus also get used during the off season for youth programs and special events during the summer months.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2021			
Shuttle Bus	130,000	0	130,000
Year Total	130,000	0	130,000
	<b>130,000</b>	<b>0</b>	<b>130,000</b>
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>
2012	Jul 1, 2020		Fleet Superintendent
			<b>Est. Completion Date</b>
			Nov 1, 2020



## Project Summary

<b>Project Number:</b>	3469LI1105		
<b>Title:</b>	Pavement Maintenance, Diamond Peak and Ski Way		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	69 - Property, Parking & Transportation		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LI - Land Improvements		

<b>Project Description</b>			
Continued maintenance and repair of roadway and parking lot facility. The upper lots include approximately 307,000 sf of pavement and the lower lot across from the Bullwheel building is approximately 43,000 sf. The Engineering Division maintains a database on this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs.			
<b>Project Internal Staff</b>			
This project will be managed by the District's Engineering Division in coordination with Diamond Peak Staff			
<b>Project Justification</b>			
Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. Ski Way (above Fairview) to Tyrolian Village and the Diamond Peak parking lots are all owned by IVGID. The pavement condition affects rideability in both customers' own vehicles and while riding the Diamond Peak tram.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Crack fill and Maintenance	25,000	0	25,000
Internal Services	10,000	0	10,000
Replace alligatored areas	50,000	0	50,000
Year Total	85,000	0	85,000
2020			
Crack fill and Maintenance	25,000	0	25,000
Internal Services	10,000	0	10,000
Replace alligatored areas	100,000	0	100,000
Year Total	135,000	0	135,000
2021			
Crack fill and Maintenance	25,000	0	25,000
Internal Services	20,000	0	20,000
Replace alligatored areas	50,000	0	50,000
Slurry Seal Area Adjacent to DPSSB	150,000	0	150,000
Year Total	245,000	0	245,000

2024	Slurry Seal Area Adjacent to DPSSB	100,000	0	100,000
	Year Total	100,000	0	100,000
2026	Crack fill and Maintenance	10,000	0	10,000
	Year Total	10,000	0	10,000
2028	Slurry Seal Area Adjacent to DPSSB	100,000	0	100,000
	Year Total	100,000	0	100,000
2030	Crack fill and Maintenance	20,000	0	20,000
	Year Total	20,000	0	20,000
2032	Slurry Seal Area Adjacent to DPSSB	100,000	0	100,000
	Year Total	100,000	0	100,000
2034	Crack fill and Maintenance	20,000	0	20,000
	Year Total	20,000	0	20,000
2036	Slurry Seal Area Adjacent to DPSSB	100,000	0	100,000
	Year Total	100,000	0	100,000
		<b>915,000</b>	<b>0</b>	<b>915,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Senior Engineer	



## Project Summary

<b>Project Number:</b>	3469LI1805	
<b>Title:</b>	Ski Way and Diamond Peak Parking Lot Reconstruction	
<b>Asset Class:</b>	B - Major Projects - Existing Facilities	
<b>Division:</b>	69 - Property, Parking & Transportation	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

### Project Description

Continued maintenance and repair of roadway and parking lot facility. The upper lots include approximately 307,000 sf of pavement and the lower lot across from the Bullwheel building is approximately 43,000 sf. The Engineering Dept. maintains a database on this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs.

This project will reconstruct and reconfigure Ski Way and the Diamond Peak Parking Lots to address pavement failure, improve traffic safety, and enhance traffic circulation. Work will be designed and constructed consistent with the findings of the 2017 Wood Rogers design study and presentation to the Board of Trustees on February 7, 2018. Ski Way will be widened to enhance safety, pedestrian access, and parking layout. Two round-a-bouts will be installed to improve circulation and slow vehicle speeds. Bullwheel parking lot will be reconstructed and reconfigured to help maintain parking counts.

### Project Internal Staff

IVGID Engineering to manage all phases of the project in coordination with Diamond Peak Staff. Outside engineer(s) to study and prepare design and bid documents. IVGID Engineering to manage bidding and contract administration. Work to be done by outside contractor. Construction Management and Special Inspection and Testing to be done by consultant.

### Project Justification

Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. Ski Way (above Fairview) to Tyrolian Village and the Diamond Peak parking lots are all owned by IVGID. The pavement condition affects rideability in both customers' own vehicles and while riding the Diamond Peak tram. Visual inspection and a 2017 geotechnical investigation has determined that pavement at Diamond Peak and Ski Way is at end of structural life and must be reconstructed. Safety and circulation improvement opportunities were identified in a 2015 Traffic Safety Review by LSC Transportation.

<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Design Engineering Services	40,000	0	40,000	
Internal Services	10,000	0	10,000	
Year Total	50,000	0	50,000	
2020				
Design Engineering Services	75,000	0	75,000	
Internal Services	25,000	0	25,000	
Year Total	100,000	0	100,000	
2021				
Design Engineering Services	250,000	0	250,000	
Internal Services	50,000	0	50,000	
Year Total	300,000	0	300,000	
2022				
Construction	2,575,000	0	2,575,000	
Construction Management and Special Inspection	50,000	0	50,000	
Design Engineering Services	75,000	0	75,000	
Internal Services	50,000	0	50,000	
Year Total	2,750,000	0	2,750,000	
2023				
Construction	1,925,000	0	1,925,000	
Construction Management and Special Inspection	50,000	0	50,000	
Design Engineering Services	75,000	0	75,000	
Internal Services	50,000	0	50,000	
Year Total	2,100,000	0	2,100,000	
	<b>5,300,000</b>	<b>0</b>	<b>5,300,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Director of Asset Management	



## Project Summary

<b>Project Number:</b>	3469LV1735		
<b>Title:</b>	2007 Chevy 1-Ton Pick-Up #596		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	69 - Property, Parking & Transportation		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles by the Fleet Division for the Diamond Peak Ski Resort. Vehicles are on a 10-year replacement program subject to mileage/hours accumulated, accrued maintenance cost, oil analysis reports and visual inspection. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This truck is critical to the operation of the Ski resort, utilized during the ski season for towing the ski passenger tram(s) around the different parking areas. Summer use includes general transportation needs of staff and transport of maintenance and repair parts, materials and supplies for administration and mountain operations.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Chevy 1-Ton Pick Up	40,000	0	40,000	
Year Total	40,000	0	40,000	
2028				
Chevy 1-Ton Pick Up	35,000	0	35,000	
Year Total	35,000	0	35,000	
	<b>75,000</b>	<b>0</b>	<b>75,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3469LV1736		
<b>Title:</b>	2007 Chevy 1-Ton Pick-Up #597		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	69 - Property, Parking & Transportation		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles by the Fleet Division for the Diamond Peak Ski Resort. Vehicles are on a 10-year replacement program subject to mileage/hours accumulated, accrued maintenance cost, oil analysis reports and visual inspection. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This truck is critical to the operation of the Ski resort, utilized during the ski season for towing the ski passenger tram(s) around the different parking areas. Summer use includes general transportation needs of staff and transport of maintenance and repair parts, materials and supplies for administration and mountain operations.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Chevy 1-Ton Pick Up	40,000	0	40,000	
Year Total	40,000	0	40,000	
2028				
Chevy 1-Ton Pick Up	35,000	0	35,000	
Year Total	35,000	0	35,000	
	<b>75,000</b>	<b>0</b>	<b>75,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	3469LV1737		
<b>Title:</b>	1991 Ski Passenger Tram #267		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	69 - Property, Parking & Transportation		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

**Project Description**  
 This project is for the scheduled replacement of passenger trams by the Fleet Division for the Diamond Peak Ski Resort. Passenger trams are on a 20-year replacement program subject to accrued maintenance cost, visual inspection and overall condition. Tram will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring the replacement date.

**Project Internal Staff**  
 Fleet Maintenance Staff will manage this project

**Project Justification**  
 This passenger tram is critical to the operation of the Ski Resort and considered a revenue producing piece of equipment. The trams are utilized during the ski season for the rapid transport of customers from the different parking areas to the ticket area.

Forecast			
Budget Year	Total Expense	Total Revenue	Difference
2022			
Ski Passenger Tram	22,700	0	22,700
Year Total	22,700	0	22,700
	<b>22,700</b>	<b>0</b>	<b>22,700</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012	Jul 1, 2021		Fleet Superintendent	Dec 1, 2021





## Project Summary

<b>Project Number:</b>	3469LV1738		
<b>Title:</b>	1993 Ski Passenger Tram #283		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	69 - Property, Parking & Transportation		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

<b>Project Description</b>			
This project is for the scheduled replacement of passenger trams by the Fleet Division for the Diamond Peak Ski Resort. Passenger trams are on a 20-year replacement program subject to accrued maintenance cost, visual inspection and overall condition. Tram will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring the replacement date.			
<b>Project Internal Staff</b>			
Fleet Maintenance Staff will manage this project			
<b>Project Justification</b>			
This passenger tram is critical to the operation of the Ski Resort and considered a revenue producing piece of equipment. The trams are utilized during the ski season for the rapid transport of customers from the different parking areas to the ticket area.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2023			
Ski Passenger Tram	23,400	0	23,400
Year Total	23,400	0	23,400
	<b>23,400</b>	<b>0</b>	<b>23,400</b>
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>
2012	Jul 1, 2022		Fleet Superintendent
			<b>Est. Completion Date</b>
			Dec 1, 2022



## Project Summary

<b>Project Number:</b>	3499BD1710		
<b>Title:</b>	Diamond Peak Facilities Flooring Material Replacement		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	99 - General Administration - Ski		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
This project outlines the periodic replacement of flooring materials within the Diamond Peak facilities.				
<b>Project Internal Staff</b>				
The Building's Department will manage all phases of the project				
<b>Project Justification</b>				
Long Range Principle #5 - The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest's experience. This project is designed to maintain the value of the Diamond Peak Ski Resort asset and customer service.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Main Lodge Lower Lever - Flooring	25,000	0	25,000	
Snowflake Lodge - Flooring	18,000	0	18,000	
Year Total	43,000	0	43,000	
2021				
Skier Service Administration - Flooring	20,000	0	20,000	
Skiers Service Concrete Resurface	20,000	0	20,000	
Year Total	40,000	0	40,000	
2022				
Main Lodge - Flooring	36,000	0	36,000	
Skier Service Building Child Ski Center - Flooring	26,000	0	26,000	
Year Total	62,000	0	62,000	
	<b>145,000</b>	<b>0</b>	<b>145,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016			Mountain Operations Manager	



## Project Summary

<b>Project Number:</b>	3499BD1801		
<b>Title:</b>	Ski Fleet Fire Panel Replacement		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	99 - General Administration - Ski		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>			
Replacement of current Fire Panel with a current up to code unit that has the ability to give fire department pinpoint locations in the event of a facility fire.			
<b>Project Internal Staff</b>			
Building Maintenance			
<b>Project Justification</b>			
During this year's Fire Inspections both the Fire Marshall and alarm rep. suggested an update to current system that is currently at the end of its life span and not up to date with its ability to give detailed information to the Fire Department on fire locations inside of the facility.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Contingency	5,000	0	5,000
Internal Services	2,000	0	2,000
Ski Fleet Fire Panel	18,000	0	18,000
Year Total	25,000	0	25,000
	<b>25,000</b>	<b>0</b>	<b>25,000</b>
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>
2018	Jul 1, 2018		Buildings Superintendent
			<b>Est. Completion Date</b>
			Jul 31, 2018



## Project Summary

<b>Project Number:</b>	3499BD1803		
<b>Title:</b>	Snowflake Lodge Facilities Maintenance and Improvements		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	53 - Food & Beverage		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>	<p>The Snowflake Lodge was constructed in the early 1960s. The facility is approximately 1200 square feet and provides indoor and outdoor dining options to the skiers visiting the ski resort. The existing facility remains identical to the original construction although minor interior modifications have been performed over time and the additional deck seating area was constructed in 1994. The current roofing material was installed in the early 1990s and has been identified to have reached the end of its useful life. The work scheduled includes addressing and replacing the roofing material on the facility.</p>
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<b>Project Internal Staff</b>	
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<b>Project Justification</b>	<p>The general purpose of this project is to improve our facilities through required maintenance and replacement improvements that directly or indirectly reflect our guests experience. This project is designed primarily to maintain the value of the Diamond Peak facilities.</p>
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<b>Forecast</b>																					
<table border="1"> <thead> <tr> <th>Budget Year</th> <th>Total Expense</th> <th>Total Revenue</th> <th>Difference</th> </tr> </thead> <tbody> <tr> <td>2019</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Snowflake Lodge Roof Replacement</td> <td>27,000</td> <td>0</td> <td>27,000</td> </tr> <tr> <td>Year Total</td> <td>27,000</td> <td>0</td> <td>27,000</td> </tr> <tr> <td></td> <td><b>27,000</b></td> <td><b>0</b></td> <td><b>27,000</b></td> </tr> </tbody> </table>	Budget Year	Total Expense	Total Revenue	Difference	2019				Snowflake Lodge Roof Replacement	27,000	0	27,000	Year Total	27,000	0	27,000		<b>27,000</b>	<b>0</b>	<b>27,000</b>	
Budget Year	Total Expense	Total Revenue	Difference																		
2019																					
Snowflake Lodge Roof Replacement	27,000	0	27,000																		
Year Total	27,000	0	27,000																		
	<b>27,000</b>	<b>0</b>	<b>27,000</b>																		

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2018			Mountain Operations Manager	



## Project Summary

<b>Project Number:</b>	3499BD1804		
<b>Title:</b>	Storage Building Replacement Design Evaluation (Net of Grants)		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - General Administration - Ski		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
This project will complete design analysis and cost estimating to determine the feasibility of replacing the aging, failing, and oversized Air/Water Building, currently used for storage, at Diamond Peak with a joint facility with the Diamond Peak Ski Education Foundation (DPSEF). Doing so would free up substantial square footage at Diamond Peak that could be utilized for additional parking or a round-a-bout at the Tyrolean Village entrance for improved traffic circulation.				
<b>Project Internal Staff</b>				
Engineering and Diamond Peak Staff will Manage this Project				
<b>Project Justification</b>				
DPSEF approached the District about participating in a joint project to evaluate the possibility of replacing the DSPEF building and the Air/Water Building with a common facility providing storage for Diamond Peak and improved operations space for DPSEF. The design evaluation project will be 50% funded via a \$20,000 grant from DPSEF. Funding for construction of any agreed upon joint facility would leverage DPSEF fundraising.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Design Analysis	40,000	0	40,000	
Year Total	40,000	0	40,000	
	<b>40,000</b>	<b>0</b>	<b>40,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Director of Asset Management	



## Project Summary

<b>Project Number:</b>	3499LI1101	
<b>Title:</b>	Incline Creek Culvert Rehabilitation at Diamond Peak	
<b>Asset Class:</b>	B - Major Projects - Existing Facilities	
<b>Division:</b>	99 - General Administration - Ski	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

<b>Project Description</b>				
<p>Within the Diamond Peak base area, Incline Creek is contained within a buried 72-inch diameter corrugated metal pipe (CMP) culvert running approximately 1,800-feet from just above the upper parking lot to just below the Schoolhouse Lift loading area. The culvert runs beneath the upper and lower parking lots roughly along the Western edge of the Diamond Peak Skier Services Building (DPSSB) and then following the Eastern boundary of the lower parking lot. Additionally there is a feeder creek contained within a buried 36-inch CMP culvert intersecting the Incline Creek 72-inch culvert near the Southwest corner of the DPSSB.</p> <p>Rehabilitation and replacement work is being delivered via the Construction Manager at Risk contracting method as defined in Nevada Revised Statute Section 338. Work will involve a mix on in-situ rehabilitation and direct pipe replacement while Incline Creek is diverted via temporary pumping. This project is a multi-year multi-phase project. This project allows for an engineering design, permitting, and culvert rehabilitation for the entire length of 72-inch CMP and the remaining lower portions of 36-inch CMP.</p> <p>There is approximately 1,000-feet of 24-inch CMP remaining along the western edge of the Spillway run. Visual inspections indicate this section remains in operable condition and no signs of failure have appeared to date. This section will continue to be monitored and maintained to inform future capital budgets.</p>				
<b>Project Internal Staff</b>				
The Engineering Department would manage all phases of this project.				
<b>Project Justification</b>				
<p>During construction of the DPSSB, the culvert was encountered in multiple locations and a number of buried access hatches were located. A brief field inspection of the interior of the culvert, via those uncovered access hatches, identified areas in which spot corrosion has eaten through the entire wall thickness of the CMP. Condition assessment investigation via video inspection was performed in 2011/2012 and again in 2016/2017 via high definition video with laser profiling. Pre-design and design analysis began in 2011. These initial phases determined both culverts are in poor condition and badly in need of rehabilitation to avoid eventual pipe collapse. This project must be completed to avoid an eventual pipe collapse of either/both the 72" and 36" CMP in the base area. A collapse could impact the structural integrity of the DPSSB, parking lots, and/or the general base area of the ski resort. The District has no as-built information or engineering drawings regarding the design, construction, alignment, or planned life expectancy of this culvert. Prior to launch of this multi-year project in 2011, the culverts have not been on any routine inspection or maintenance program.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Construction	3,150,000	0	3,150,000	
Construction Management	75,000	0	75,000	
Contingency	380,000	0	380,000	
Design Engineering Services	100,000	0	100,000	
Internal Services	80,000	0	80,000	
Year Total	3,785,000	0	3,785,000	
	<b>3,785,000</b>	<b>0</b>	<b>3,785,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Principal Engineer	



## Project Summary

<b>Project Number:</b>	3499OE1205		
<b>Title:</b>	Replace Staff Uniforms		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	99 - General Administration - Ski		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	OE - Office Equipment		

**Project Description**  
 Diamond Peak Staff uniforms, consisting of a Jacket, Pant and Mid-layer. Quantities to include 335 sets, plus additional Mid-layers. Each individual piece to include Diamond Peak logo. Specification to include adequate tear proof, waterproofing and general durability to remain in service four(4) years. Supplier to provide assurance of availability of replacements for 4 years.

**Project Internal Staff**  
 Each year staff assesses condition of uniforms, including reconciling the counts with employee's returning issued garments. Uniforms are cleaned and stored for the off-season.

**Project Justification**  
 Staff uniforms have been extended from their previous expected life of 3 years to an expected life of 4 years due to the improvements in materials and quality of manufacturing that we have seen in recent years.

Forecast			
Budget Year	Total Expense	Total Revenue	Difference
2021			
Uniforms	130,000	0	130,000
Year Total	130,000	0	130,000
	<b>130,000</b>	<b>0</b>	<b>130,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Ski Resort General Manager	





## Project Summary

<b>Project Number:</b>	3499OE1502		
<b>Title:</b>	Skier Services Administration Printer Copier Replacement 1210 Ski Way		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	99 - General Administration - Ski		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	OE - Office Equipment		

<b>Project Description</b>				
Replacement of the large volume color/black printer copier located it the second floor administration offices. It supports all administration functions as well as the District wide Marketing and Sales Department. It provides volume processing for the Ticketing Office, Ski School and Child Ski Center. This device should be replaced every five years which is industry standard. On average the cost of ownership increases after the fifth year as a result of increased maintenance fees. This project is only for the cost of the device and does not include monthly maintenance charges, which is part of the District's comprehensive maintenance plan.				
<b>Project Internal Staff</b>				
The IT Technician oversees the maintenance and care and condition assessment of this device.				
<b>Project Justification</b>				
The current volume printer copier averages 15,000 images a month. It is a Xerox WorkCentre 7835 purchased in 2015. Life cycle is 720,000 images. The meter read at 1/1/16 was 44,600. The proposed new device will be based on industry comparisons for functionality and capacity considering the best pricing we can get from state or local contracts.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
	10,000	0	10,000	
Year Total	10,000	0	10,000	
2025				
	15,000	0	15,000	
Year Total	15,000	0	15,000	
2030				
	15,000	0	15,000	
Year Total	15,000	0	15,000	
	<b>40,000</b>	<b>0</b>	<b>40,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2014	Jul 1, 2019		Director of IT	Jun 30, 2020





## Project Summary

<b>Project Number:</b>	3653BD1501	
<b>Title:</b>	Ski Area Master Plan Implementation - Phase 1a and 1b	
<b>Asset Class:</b>	A - Major Projects - New Initiatives	
<b>Division:</b>	53 - Ski Master Plan Implementation	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

**Project Description**

The goal of the Diamond Peak Ski Area Mater Plan is to provide new amenities and activities for the community of and guests to the communities of Incline Village and Crystal Bay. Phases 1a and 1b prioritizes revenue-generating activities to generate up-front net operating income to offset the capital costs of subsequent phases. Phase 1a also includes completing the necessary environmental entitlements (including an Environmental Impact Statement to satisfy TRPA and National Environmental Policy Act requirements) to allow all phases of the Master Plan to be approved by the TRPA and the USFS and allow the updated Master Plan to be adopted by TRPA as the master plan of record for Diamond Peak.

Activities budgeted for implementation in Phase 1a (pending Board Authorization) include:

- Challenge Course
- Canopy Tour
- Mountain Bike Trails
- Family/Kid's Base Area Bike Loop
- Kid's Pump Track
- Bike Skills Park
- Hiking Trail Improvements
- An Upgrade of the Lakeview Lift Download Capacity
- Formalization of Golden Eagle Bowl Egress

Phase 1b is the implementation (pending Board authorization) of the Alpine Coaster.

**Project Internal Staff**

All phases of this project will be managed by Diamond Peak and Engineering Division Staff.

**Project Justification**

Diamond Peak is an under-utilized IVGID asset 7-months of the year. Summer operations will help reduce the risk of poor winter business by moving Diamond Peak from being 100% dependent on the winter ski operation. Summer weather is more reliable as is summer visitation to the area. Some of the proposed improvements for summer operations are also capable of operating during the winter.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2020			
Pre-Design and Design (Phases 1a and 1b)	150,000	0	150,000
Year Total	150,000	0	150,000
2021			
Construction Phase 1a	1,183,000	0	1,183,000
Year Total	1,183,000	0	1,183,000
2022			
Construction Phase 1a	1,183,000	0	1,183,000
Year Total	1,183,000	0	1,183,000
2023			
Construction Phase 1b	878,887	0	878,887
Year Total	878,887	0	878,887
2024			
Construction Phase 1b	878,887	0	878,887
Year Total	878,887	0	878,887
	<b>4,273,774</b>	<b>0</b>	<b>4,273,774</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
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2014		Director of Asset Management	
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## Project Summary

<b>Project Number:</b>	3653BD1502		
<b>Title:</b>	Ski Area Master Plan Implementation - Phase 2		
<b>Asset Class:</b>	A - Major Projects - New Initiatives		
<b>Division:</b>	53 - Ski Master Plan Implementation		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Phase 2 of the Diamond Peak Master Plan Implementation prioritizes Snowflake Lodge and base area activities. This phase sees significant improvements to Snowflake Lodge and allows for hospitality-oriented revenue generation. Pending approval and adoption of the Master Plan document, activities budgeted in this phase include:				
<ul style="list-style-type: none"> <li>- Snowflake Lodge Replacement</li> <li>- Segway Tours</li> <li>- Climbing Wall</li> <li>- Play Area in the Base Area</li> <li>- Ridge Trail Grading</li> </ul>				
<b>Project Internal Staff</b>				
All phases of this project will be managed by Diamond Peak and Engineering Division Staff.				
<b>Project Justification</b>				
Diamond Peak is an under-utilized IVGID asset 7-months of the year. Summer operations will help reduce the risk of poor winter business by moving Diamond Peak from being 100% dependent on the winter ski operation. Summer weather is more reliable as is summer visitation to the area. Some of the proposed improvements for summer operations are also capable of operating during the winter.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
Pre-Design	100,000	0	100,000	
Year Total	100,000	0	100,000	
2024				
Design	271,000	0	271,000	
Year Total	271,000	0	271,000	
2025				
Construction	5,666,807	0	5,666,807	
Year Total	5,666,807	0	5,666,807	
	<b>6,037,807</b>	<b>0</b>	<b>6,037,807</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2014			Director of Asset Management	

## 2018/2019 - 5 Year Project Summary Totals - PARKS

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total	
Parks	4378BD1603	Resurface and Coat Incline Park Bathroom Floors	-	-	13,940	-	-	13,940	
	4378BD1604	Resurface and Coat Preston Park Bathroom, Mechanical Room, and Bleacher Floors	-	-	-	53,200	-	53,200	
	4378BD1605	Aspen Grove Flatscape and Retaining Wall Enhancement and Replacement	-	55,000	-	-	145,000	200,000	
	4378BD1701	Dumpster enclosure – Incline Park	-	-	-	45,000	-	45,000	
	4378BD1705	Rosewood Creek Foot Bridges	-	8,000	8,000	-	-	16,000	
	4378BD1801	Preston Field Retaining Wall Replacement	-	-	64,750	225,000	-	289,750	
	4378LE1723	1996 Lely Fertilizer Spreader #498	12,000	-	-	-	-	12,000	
	4378LE1724	2005 Shatterline Aerifier	-	8,100	-	-	-	8,100	
	4378LE1725	2008 Landpride Overseeder #622	-	-	17,000	-	-	17,000	
	4378LE1729	2007 John Deere Pro Gator #604	34,000	-	-	-	-	34,000	
	4378LE1730	2008 JD Pro-Gator #623	-	35,000	-	-	-	35,000	
	4378LE1731	2008 JD Pro-Gator #624	-	-	36,000	-	-	36,000	
	4378LE1736	2003 1-Ton Service Truck #520	-	43,000	-	-	-	43,000	
	4378LE1739	2013 Ball Field Groomer #681	-	17,100	-	-	-	17,100	
	4378LE1740	2013 Ball Field Mower / Toro 3500D Groundsmaster #682	-	35,400	-	-	-	35,400	
	4378LE1742	2015 Ball Field Groomer #706	-	-	17,500	-	20,000	37,500	
	4378LE1743	2007 Toro 3500D Rotary Mower #605	33,700	-	-	-	-	33,700	
	4378LI1207	Pavement Maintenance, East & West End Parks	15,000	-	-	-	17,500	32,500	
	4378LI1303	Pavement Maintenance, Village Green Parking	5,000	5,000	12,500	5,000	22,500	50,000	
	4378LI1403	Pavement Maintenance, Preston Field	5,000	5,000	5,000	27,500	6,000	48,500	
	4378LI1504	Incline Creek Restoration - Upstream of SR-28 (Net of Grants)	186,000	-	-	-	-	186,000	
	4378LI1602	Pavement Maintenance, Overflow Parking Lot	5,000	5,000	5,000	5,000	27,500	47,500	
	4378LI1604	Pump Track (Net of Grants)	300,000	-	-	-	-	300,000	
	4378LI1802	Pavement Maintenance - Incline Park	1,500	7,500	3,500	7,500	3,500	23,500	
	4378LI1803	Incline Park Facility Renovations (Net of Grants)	1,208,071	-	-	-	-	1,208,071	
	4378LI1804	Bocce Courts at Recreation Center Property Design	15,000	-	-	-	-	15,000	
	4378LV1734	2011 Pick-Up with Lift gate (1-ton) #646	-	-	-	-	42,500	42,500	
	4378LV1735	2005 Pick-up Truck 4x4 (1-Ton) #554	-	-	41,000	-	-	41,000	
	4378LV1737	2004 Pick-up Truck 4x4 (1-Ton) #541	-	41,000	-	-	-	41,000	
	4378RS1501	Replace Previous Incline Park Playground	-	-	-	20,000	100,000	120,000	
	4378RS1601	Replace Preston Park Playgrounds	-	-	15,000	100,000	-	115,000	
		<b>Total</b>		<b>1,820,271</b>	<b>265,100</b>	<b>239,190</b>	<b>488,200</b>	<b>384,500</b>	<b>3,197,261</b>







## Project Summary

<b>Project Number:</b>	4378BD1603		
<b>Title:</b>	Resurface and Coat Incline Park Bathroom Floors		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Resurface and Coat Incline Park Bathroom Floors				
<b>Project Internal Staff</b>				
Buildings Maintenance Staff				
<b>Project Justification</b>				
<p>The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed to maintain the value of the Parks asset and customer service.</p> <p>The Incline Park bathroom floors have been painted and sealed in the past. The District is currently standardizing the type of floor coating used in high traffic area such as bathrooms and decks/patios. A neogard epoxy floor is applied which adheres to the floor and wears much better than other products that have been used. It maintains the integrity of the floor handles uses much more efficiently and allows years between a floor recoat.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Contingency	2,500	0	2,500	
Interco	1,240	0	1,240	
Resurface/Coat Floors	10,200	0	10,200	
Year Total	13,940	0	13,940	
2025				
Resurface/Coat Floors	14,500	0	14,500	
Year Total	14,500	0	14,500	
2028				
Resurface/Coat Floors	14,500	0	14,500	
Year Total	14,500	0	14,500	
2032				
Resurface/Coat Floors	16,500	0	16,500	
Year Total	16,500	0	16,500	
	<b>59,440</b>	<b>0</b>	<b>59,440</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>

2015		Buildings Superintendent	
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## Project Summary

<b>Project Number:</b>	4378BD1604		
<b>Title:</b>	Resurface and Coat Preston Park Bathroom, Mechanical Room, and Bleacher Floors		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Resurface and Coat Preston Park Bathroom , Mechanical Room and Bleacher Floors				
<b>Project Internal Staff</b>				
Buildings Maintenance Division				
<b>Project Justification</b>				
<p>The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed to maintain the value of the Parks asset and customer service.</p> <p>The Preston Park bathroom remodel was completed 2011/12. Normal wear has begun to degrade the initial coating. The District is currently standardizing the type of floor coating used in high traffic area such as bathrooms and decks/patios. A neogard epoxy compound is applied which adheres to the floor and wears much better than other products that have been used. It maintains the integrity of the floor, handles use much more efficiently and allows years between a floor recoat.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Bleachers	26,900	0	26,900	
contingency	5,000	0	5,000	
internal services	3,500	0	3,500	
Resurface/Coat Bathroom and Mechanical Room Floors	17,800	0	17,800	
Year Total	53,200	0	53,200	
2026				
Bleachers	32,900	0	32,900	
contingency	6,000	0	6,000	
internal services	4,000	0	4,000	
Resurface/Coat Bathroom and Mechanical Room Floors	20,500	0	20,500	
Year Total	63,400	0	63,400	
	<b>116,600</b>	<b>0</b>	<b>116,600</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2015			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	4378BD1605		
<b>Title:</b>	Aspen Grove Flatscape and Retaining Wall Enhancement and Replacement		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Wooden retaining walls, curbs, and flatscape are failing around Aspen Grove. Similar infrastructure around the field at Village Green has been replaced with geo-block and pavers over the last 5-years. This project will replace railroad tie timbers and aged concrete areas with geo-block to provide a consistent site appearance.				
<b>Project Internal Staff</b>				
Engineering and Parks to oversee work.				
<b>Project Justification</b>				
Many of the existing wooden retaining walls and curbs are at the end of their useful lives and are showing signs of failure. The Aspen Grove BBQ area was improved in 2016. Replacement of the wooden and concrete flatwork will not only reduce trip hazards but will also provide a significant aesthetic enhancement to the properties. Extensive work remains on the East side of the parking lot that will be addressed in the future once the the Community Services Master Plan is complete.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Construction	50,000	0	50,000	
Internal Services	5,000	0	5,000	
Year Total	55,000	0	55,000	
2023				
Construction	100,000	0	100,000	
Design and Permits	20,000	0	20,000	
Internal Services	25,000	0	25,000	
Year Total	145,000	0	145,000	
2024				
Construction	100,000	0	100,000	
Internal Services	5,000	0	5,000	
Year Total	105,000	0	105,000	
	<b>305,000</b>	<b>0</b>	<b>305,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2015			Senior Engineer	



## Project Summary

<b>Project Number:</b>	4378BD1701		
<b>Title:</b>	Dumpster enclosure – Incline Park		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
This is a concrete block structure to house a 6 yard dumpster and a 6 yard recycling dumpster they will be contained within a structure per the IVGID's document "Requirements to construct Appendix B". There currently is no such enclosed structure at our largest facility, Incline Park for use by parks staff to empty bear box receptacles into, once they get full.				
<b>Project Internal Staff</b>				
Parks Division and Engineering Division Staff				
<b>Project Justification</b>				
<p>The Parks Department has used a temporarily placed dumpster to serve the both, Incline Park area and to provide extra dump space for afternoon &amp; evening staff to dispose of trash when all other dumpsters are full and have reached capacity. For the last two summers, during the peak season a 6 yard dumpster has been placed behind the Parks Yard/Shop for this purpose. There is no other place to get rid of trash after the transfer station has closed at 4:00 PM on the weekend and 4:30 PM on the week days, other than a dumpster.</p> <p>Staff is very bear aware and does their utmost best to dispose of trash in the proper way in a locked dumpster. The use of this dumpster at the Parks shop has become an efficient &amp; integral part of the operation. As the number of activities &amp; visitors has grown so has the amount of garbage. A permanent structure to house a dumpster full time is needed to coincide with the IVGID's document and standards "Requirements to construct".</p> <p>If other dumpsters are filled in the parks, the service vehicles returning to the Parks Yard/Shop with trash, are unable to drop it into the dump truck after the transfer station has closed. To keep wildlife out of the trash they do not put it into the open dump truck overnight. Having an enclosure for the dumpster by the Parks Yard &amp; Shop for returning service vehicles and to serve Incline Park's needs and trash collected after hours is the most efficient and effective way to dispose of trash.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Dumpster Enclosure Construction	45,000	0	45,000	
Year Total	45,000	0	45,000	
	<b>45,000</b>	<b>0</b>	<b>45,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016	May 16, 2017		Parks Superintendent	Jun 30, 2017



## Project Summary

<b>Project Number:</b>	4378BD1705	
<b>Title:</b>	Rosewood Creek Foot Bridges	
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>				
Footbridge from disc golf hole 11 To 12 on The Disc Golf Course as well as on the Exercise Course just below Incline Way. To stop the erosion of the creek bank and improve user safety, the installation of footbridges is needed to facilitate the crossing of the Rosewood Creek.				
<b>Project Internal Staff</b>				
Parks Superintendent, Engineering				
<b>Project Justification</b>				
Along the creek between Disc course hole # 11 and hole #12 near the skate park as well as at the Exercise Course just below Incline Way there are very small wood planks to allow people to cross Rosewood Creek. These boards are very low on the creek bank and people have to walk down the side and back up the other, in doing this they are eroding the bank of the creek causing erosion and silt to go into the creek. A footbridge at the top of the bank that spans the entire distance will eliminate this problem and allow the grasses and other organic matter that naturally grows to hold and stabilize the creek bank.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Footbridges	8,000	0	8,000	
Year Total	8,000	0	8,000	
2021				
Footbridges	8,000	0	8,000	
Year Total	8,000	0	8,000	
	<b>16,000</b>	<b>0</b>	<b>16,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Parks Superintendent	



## Project Summary

<b>Project Number:</b>	4378BD1801	
<b>Title:</b>	Preston Field Retaining Wall Replacement	
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>				
This project is to replace the timber retaining wall along the outfield boundary of Preston Field. This 5' tall railroad tie wood retaining wall was constructed in the mid 70's and is showing signs of deterioration and nearing the end of it's useful life. The timber retaining wall will be replaced with a longer lasting masonry block wall.				
<b>Project Internal Staff</b>				
Engineering Division Staff will manage this project with input from Parks Division				
<b>Project Justification</b>				
The condition of the retaining wall was evaluated during the summer of 2009 and determined to be in acceptable condition. The construction cost is currently a place holder based on linear footage of retaining wall required for replacement and estimated construction cost. Upon completion of design, an updated construction cost estimate will be used to update the cost for the following CIP year.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Design	50,000	0	50,000	
Internal Services	14,750	0	14,750	
Year Total	64,750	0	64,750	
2022				
Construction (590 linear feet of wall at \$375/LF)	225,000	0	225,000	
Year Total	225,000	0	225,000	
	<b>289,750</b>	<b>0</b>	<b>289,750</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Principal Engineer	



## Project Summary

<b>Project Number:</b>	4378LE1723		
<b>Title:</b>	1996 Lely Fertilizer Spreader #498		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Lely Fertilizer Spreader (#498): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This Fertilizer spreader is required for dispersing sand, seed and fertilizer at turf areas maintained by the Parks Division. Specifically utilized at the ball fields, parks, soccer fields and other large grass areas. Presently this equipment is on a 6-years replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This material spreader is vital for a well maintained parks operation and necessary to ensure quality turf conditions around the District. The replacement was moved back in the CIP replacement program for several years. The final replacement date is subject to accrued maintenance cost, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Replace Lely Fertilizer Spreader	12,000	0	12,000	
Year Total	12,000	0	12,000	
2026				
Replace Lely Fertilizer Spreader	6,370	0	6,370	
Year Total	6,370	0	6,370	
	<b>18,370</b>	<b>0</b>	<b>18,370</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jan 1, 2018		Fleet Superintendent	Jun 30, 2018





## Project Summary

<b>Project Number:</b>	4378LE1724		
<b>Title:</b>	2005 Shattertine Aerifier		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of regularly use equipment on a schedule cycle ranging from five (5) to fifteen (15) years to meet turf maintenance standards at the District's beaches, parks, ball fields and landscaped areas. The equipment replacement is a vital link in assuring quality turf and grounds condition throughout the District. This aerifier is on a 5-Year replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This aerifier is vital for a well maintained parks operation and necessary to ensure quality turf conditions around the District. The replacement was initially moved back in the CIP replacement program several years. The final replacement date is subject to accrued maintenance cost, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Shattertine Aerifier	8,100	0	8,100	
Year Total	8,100	0	8,100	
2030				
Shattertine Aerifier	9,500	0	9,500	
Year Total	9,500	0	9,500	
	<b>17,600</b>	<b>0</b>	<b>17,600</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2019		Fleet Superintendent	Jun 30, 2020



## Project Summary

<b>Project Number:</b>	4378LE1725		
<b>Title:</b>	2008 Landpride Overseeder #622		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

**Project Description**

The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of regularly use equipment on a schedule cycle ranging from five (5) to fifteen (15) years to meet turf maintenance standards at the District's soccer fields, parks, ball fields, beaches and landscaped areas. The equipment replacement is a vital link in assuring quality turf and grounds condition throughout the District. This overseeder is on a 7-Year replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.

**Project Internal Staff**

Fleet Maintenance Staff will manage this project

**Project Justification**

This overseeder is vital for a well maintained parks operation and necessary to ensure quality turf conditions around the District. Presently this equipment is on a 7-year replacement schedule and has been moved back several years. The final replacement date is subject to accrued maintenance cost, visual inspection and overall condition. Purchase will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.

Forecast			
Budget Year	Total Expense	Total Revenue	Difference
2021			
Landpride Overseeder	17,000	0	17,000
Year Total	17,000	0	17,000
2028			
Landpride Overseeder	18,500	0	18,500
Year Total	18,500	0	18,500
2035			
Landpride Overseeder	20,000	0	20,000
Year Total	20,000	0	20,000
	<b>55,500</b>	<b>0</b>	<b>55,500</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012	Jul 1, 2020		Fleet Superintendent	Sep 1, 2020



## Project Summary

<b>Project Number:</b>	4378LE1729		
<b>Title:</b>	2007 John Deere Pro Gator #604		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

### Project Description

Replace Gator (#604): The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's beaches, parks, ball fields and landscaped areas. Specifically utilized for transporting maintenance crews and hauling materials and equipment throughout the District. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It has a high payload rating and is equipped with a dump bed for the release or spreading of material. Presently it is on a 7-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.

### Project Internal Staff

Fleet Maintenance Staff will manage this project

### Project Justification

This John Deere Gator is vital to the successful operation of the Parks operations. Presently this grounds maintenance vehicle is on a 7-year replacement schedule subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date. The new unit being considered is a 4 seat capacity for better crew mobilization

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2019			
John Deere Pro Gator	34,000	0	34,000
Year Total	34,000	0	34,000
2026			
John Deere Pro Gator	35,000	0	35,000
Year Total	35,000	0	35,000
2033			
John Deere Pro Gator	37,500	0	37,500
Year Total	37,500	0	37,500
	<b>106,500</b>	<b>0</b>	<b>106,500</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012	Jul 1, 2018		Fleet Superintendent	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	4378LE1730		
<b>Title:</b>	2008 JD Pro-Gator #623		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>
<p>Replace Gator (#623): The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's beaches, parks, ball fields and landscaped areas. Specifically utilized for transporting maintenance crews and hauling materials and equipment throughout the District. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It has a high payload rating and is equipped with a dump bed for the release or spreading of material. Presently it is on a 7-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>

<b>Project Internal Staff</b>
Fleet Maintenance Staff will manage this project

<b>Project Justification</b>
<p>This John Deere Gator is vital to the successful operation of the Parks operations. Presently this grounds maintenance vehicle is on a 7-year replacement schedule subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2020			
JD Pro-Gator	35,000	0	35,000
Year Total	35,000	0	35,000
2028			
JD Pro-Gator	35,000	0	35,000
Year Total	35,000	0	35,000
2035			
JD Pro-Gator	37,500	0	37,500
Year Total	37,500	0	37,500
	<b>107,500</b>	<b>0</b>	<b>107,500</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2020		Fleet Superintendent	Jun 1, 2021



## Project Summary

<b>Project Number:</b>	4378LE1731	
<b>Title:</b>	2008 JD Pro-Gator #624	
<b>Asset Class:</b>	F - Rolling Stock	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LE - Light Duty Service Equipment	

<b>Project Description</b>
<p>Replace Gator (#624): The equipment purchase/replacement program is an ongoing program designed to accomplish the goal of replacement of daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This grounds maintenance vehicle is necessary for meeting turf maintenance standards at the District's beaches, parks, ball fields and landscaped areas. Specifically utilized for transporting maintenance crews and hauling materials and equipment throughout the District. The reduced size of this vehicle allows it to access areas with limited maneuvering space. It has a high payload rating and is equipped with a dump bed for the release or spreading of material. Presently it is on a 7-year replacement schedule, however it will be moved back in the CIP if indicators reveal that no increase in maintenance cost or elevated down time will result from deferring the replacement date.</p>

<b>Project Internal Staff</b>
Fleet Maintenance Staff will manage this project

<b>Project Justification</b>
<p>This John Deere Gator is vital to the successful operation of the Parks operations. Presently this grounds maintenance vehicle is on a 7-year replacement schedule subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2021			
JD Pro-Gator	36,000	0	36,000
Year Total	36,000	0	36,000
2028			
JD Pro-Gator	35,000	0	35,000
Year Total	35,000	0	35,000
2035			
JD Pro-Gator	37,500	0	37,500
Year Total	37,500	0	37,500
	<b>108,500</b>	<b>0</b>	<b>108,500</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2020		Fleet Superintendent	Jun 1, 2021



## Project Summary

<b>Project Number:</b>	4378LE1736		
<b>Title:</b>	2003 1-Ton Service Truck #520		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles, by the Fleet Division for the Parks Division of the Recreation Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates. Replacement truck will be a 1 ton service body truck with liftgate and lumber rack				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This service truck is operated by the Parks Division of the Recreation Department. Specifically utilized for the daily maintenance and repair activities on the irrigation systems at the Beaches and Parks throughout the District. This vehicle has been moved back in the CIP replacement program and presently is on a 10-year replacement schedule and has been moved back several years. Replacement of this vehicle is subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition and will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring replacement dates.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Replace 1-Ton Service Truck	43,000	0	43,000	
Year Total	43,000	0	43,000	
2029				
Replace 1-Ton Service Truck	35,000	0	35,000	
Year Total	35,000	0	35,000	
	<b>78,000</b>	<b>0</b>	<b>78,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Fleet Superintendent	



## Project Summary

<b>Project Number:</b>	4378LE1739	
<b>Title:</b>	2013 Ball Field Groomer #681	
<b>Asset Class:</b>	F - Rolling Stock	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LE - Light Duty Service Equipment	

<b>Project Description</b>				
Replace Ball Field Groomer (#681): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This ball field groomer is required to meet turf maintenance standards for grooming the infield areas at the District's many ball fields and is a vital link in assuring quality playing conditions. Presently the ball field groomers are on a 7-years replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This ball field groomer is critical to the parks operation at the Districts many ball fields. The groomer replacement is currently in the CIP replacement program on a 7-year replacement cycle. The final replacement date is subject to accumulated usage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Replace Ball Field Groomer	17,100	0	17,100	
Year Total	17,100	0	17,100	
2027				
Replace Ball Field Groomer	19,000	0	19,000	
Year Total	19,000	0	19,000	
2034				
Replace Ball Field Groomer	21,000	0	21,000	
Year Total	21,000	0	21,000	
	<b>57,100</b>	<b>0</b>	<b>57,100</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2019		Fleet Superintendent	Jun 30, 2020



## Project Summary

<b>Project Number:</b>	4378LE1740	
<b>Title:</b>	2013 Ball Field Mower / Toro 3500D Groundsmaster #682	
<b>Asset Class:</b>	F - Rolling Stock	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LE - Light Duty Service Equipment	

<b>Project Description</b>				
<p>Replace Toro Grounds Master 3500D mower (#480): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This rotary mower is required to meet turf maintenance standards and is a vital link in assuring quality turf and grounds condition throughout the District. Specifically utilized at ball fields, parks, soccer fields and other large grass areas for the scheduled mowing cycles. Presently this mower is on a 7-years replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This Toro Grounds master mower is critical to the parks operation for maintaining the Districts turf areas. The mower replacement is presently in the CIP replacement program on a 7-year schedule. The final replacement date is subject to accumulated usage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Replace Ball Field Mower	35,400	0	35,400	
Year Total	35,400	0	35,400	
2027				
Replace Ball Field Mower	39,000	0	39,000	
Year Total	39,000	0	39,000	
2034				
Replace Ball Field Mower	43,000	0	43,000	
Year Total	43,000	0	43,000	
	<b>117,400</b>	<b>0</b>	<b>117,400</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2019		Fleet Superintendent	Jun 30, 2020





## Project Summary

<b>Project Number:</b>	4378LE1742		
<b>Title:</b>	2015 Ball Field Groomer #706		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>			
Replace Ball Field Groomer (#706): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This ball field groomer is required to meet turf maintenance standards for grooming the infield areas at the District's many ball fields and is a vital link in assuring quality playing conditions. Presently the ball field groomers are on a 7-years replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.			
<b>Project Internal Staff</b>			
Fleet Maintenance Staff will manage this project			
<b>Project Justification</b>			
This ball field groomer is critical to the parks operation at the Districts many ball fields. The groomer replacement was moved back in the CIP replacement program from 7-years to 8-years. The final replacement date is subject to accumulated usage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2021			
Ball Field Groomer	17,500	0	17,500
Year Total	17,500	0	17,500
2023			
Ball Field Groomer	20,000	0	20,000
Year Total	20,000	0	20,000
2028			
Ball Field Groomer	20,000	0	20,000
Year Total	20,000	0	20,000
	<b>57,500</b>	<b>0</b>	<b>57,500</b>
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>
2012	Feb 1, 2021		Fleet Superintendent
			<b>Est. Completion Date</b>
			Apr 30, 2021



## Project Summary

<b>Project Number:</b>	4378LE1743		
<b>Title:</b>	2007 Toro 3500D Rotary Mower #605		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LE - Light Duty Service Equipment		

<b>Project Description</b>				
<p>Replace Toro Grounds Master 3500D mower (#605): The equipment replacement program is an ongoing program designed to accomplish the goal of replacing daily use equipment on a scheduled cycle ranging from five (5) to fifteen (15) years. This rotary mower is required to meet turf maintenance standards and is a vital link in assuring quality turf and grounds condition throughout the District. Specifically utilized at ball fields, parks, soccer fields and other large grass areas for the scheduled mowing cycles. Presently this mower is on a 7-years replacement schedule. Purchase will be deferred if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
<p>This Toro Groundsmaster mower is critical to the parks operation for maintaining the Districts turf areas. Presently this mower is on a 7-year replacement schedule. The final replacement date is subject to accumulated usage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.</p>				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Toro 3500D Rotary Mower	33,700	0	33,700	
Year Total	33,700	0	33,700	
2025				
Toro 3500D Rotary Mower	37,000	0	37,000	
Year Total	37,000	0	37,000	
2032				
Toro 3500D Rotary Mower	40,000	0	40,000	
Year Total	40,000	0	40,000	
	<b>110,700</b>	<b>0</b>	<b>110,700</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2018		Fleet Superintendent	Aug 31, 2018



## Project Summary

<b>Project Number:</b>	4378LI1207	
<b>Title:</b>	Pavement Maintenance, East & West End Parks	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

<b>Project Description</b>				
Continued maintenance and repair of the pavement assets at the East End Park and West End Park, on Lakeshore Blvd. Area includes approximately 10,000 sf of pavement. Engineering maintains a database on this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs.				
<b>Project Internal Staff</b>				
Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.				
<b>Project Justification</b>				
Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate accelerates deterioration. Maintenance is due in 2018. in conjunction with the NDOT Bikeway on the East End existing wooden flatscape improvements will be replaced with block walls similar to that at other IVGID parks.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Flatscape replacement - East End	15,000	0	15,000	
Year Total	15,000	0	15,000	
2023				
Crack Fill, Patch, Seal	15,000	0	15,000	
Internal Services	2,500	0	2,500	
Year Total	17,500	0	17,500	
2024				
Internal Services	2,500	0	2,500	
Replace West End asphalt pathway with pavers	35,000	0	35,000	
Year Total	37,500	0	37,500	
2028				
Internal Services	10,000	0	10,000	
Reconstruct	110,000	0	110,000	
Year Total	120,000	0	120,000	
2033				
Crack Fill, Patch, Seal	22,000	0	22,000	
Internal Services	2,500	0	2,500	
Year Total	24,500	0	24,500	
	<b>214,500</b>	<b>0</b>	<b>214,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2012		Senior Engineer	Oct 1, 2012



## Project Summary

<b>Project Number:</b>	4378LI1303	
<b>Title:</b>	Pavement Maintenance, Village Green Parking	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

<b>Project Description</b>	Continued maintenance and repair of pavement assets at Aspen Grove and Village Green. Parking Lot is approximately 43,000 sf. Engineering maintains a database on this and other facilities for pavement conditions, past projects and forecasts long-term maintenance and replacement needs.
<b>Project Internal Staff</b>	Engineering to perform design, bid, contract administration and inspection. Work to be done by outside contractor.
<b>Project Justification</b>	Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. Slurry Seal is scheduled for Spring 2018.

<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Crack Fill and Maintenance	5,000	0	5,000	
Year Total	5,000	0	5,000	
2020				
Crack Fill and Maintenance	5,000	0	5,000	
Year Total	5,000	0	5,000	
2021				
Crack Fill and Maintenance	10,000	0	10,000	
Internal Services	2,500	0	2,500	
Year Total	12,500	0	12,500	
2022				
Crack Fill and Maintenance	5,000	0	5,000	
Year Total	5,000	0	5,000	
2023				
Internal Services	2,500	0	2,500	
Slurry Seal	20,000	0	20,000	
Year Total	22,500	0	22,500	
2026				
Crack Fill and Maintenance	10,000	0	10,000	
Internal Services	2,500	0	2,500	
Year Total	12,500	0	12,500	
2028				
Internal Services	25,000	0	25,000	
Reconstruct	425,000	0	425,000	
Year Total	450,000	0	450,000	
2033				
Internal Services	2,500	0	2,500	
Slurry Seal	20,000	0	20,000	
Year Total	22,500	0	22,500	
	<b>535,000</b>	<b>0</b>	<b>535,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2016		Senior Engineer	Jun 30, 2017



## Project Summary

<b>Project Number:</b>	4378LI1403	
<b>Title:</b>	Pavement Maintenance, Preston Field	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

<b>Project Description</b>			
Continued maintenance and repair of pavement assets at Preston Field. Parking Lot is approximately 28,000 sf. Engineering maintains a database on this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs.			
<b>Project Internal Staff</b>			
Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.			
<b>Project Justification</b>			
Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. Parking lot was reconstructed in 2011 and Overlaid in 2017.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2020			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2021			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2022			
Crack fill and maintenance	5,000	0	5,000
Internal Services	2,500	0	2,500
Slurry Seal	20,000	0	20,000
Year Total	27,500	0	27,500
2023			
Crack fill and maintenance	5,000	0	5,000
Internal Services	1,000	0	1,000
Year Total	6,000	0	6,000

2024			
Crack fill and maintenance	5,000	0	5,000
Internal Services	1,000	0	1,000
Year Total	6,000	0	6,000
2025			
Crack fill and maintenance	5,000	0	5,000
Internal Services	2,500	0	2,500
Slurry Seal	15,000	0	15,000
Year Total	22,500	0	22,500
2026			
Crack fill and maintenance	5,000	0	5,000
Internal Services	1,000	0	1,000
Year Total	6,000	0	6,000
2027			
Crack fill and maintenance	10,000	0	10,000
Internal Services	2,500	0	2,500
Year Total	12,500	0	12,500
2030			
Crack fill and maintenance	7,500	0	7,500
Internal Services	2,500	0	2,500
Slurry Seal	15,000	0	15,000
Year Total	25,000	0	25,000
2032			
Internal Services	10,000	0	10,000
Reconstruct	300,000	0	300,000
Year Total	310,000	0	310,000
	<b>430,500</b>	<b>0</b>	<b>430,500</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012			Senior Engineer	





## Project Summary

<b>Project Number:</b>	4378LI1504		
<b>Title:</b>	Incline Creek Restoration Project - Upstream of SR-28 (Net of Grants)		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LI - Land Improvements		

<b>Project Description</b>				
This grant funded project will replace two failing culverts on the Championship Golf Course with a new prefabricated bridge consistent with other bridges installed on previous phases of creek restoration work on District owned property. Additional goals of the project include restoring the stream banks and improving fish passage to upstream habitat.				
<b>Project Internal Staff</b>				
IVGID Engineering will manage all phases of this project.				
<b>Project Justification</b>				
IVGID has partnered with the NDSL and NDEP to fund design and construction of this project. NDSL is providing \$114,207 (of which \$74,817 remains as of February 21, 2018) and NDEP is providing \$114,000.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Construction	186,000	0	186,000	
Year Total	186,000	0	186,000	
	<b>186,000</b>	<b>0</b>	<b>186,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2015			Principal Engineer	



## Project Summary

<b>Project Number:</b>	4378LI1602	
<b>Title:</b>	Pavement Maintenance, Overflow Parking Lot	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

### Project Description

Continued maintenance and repair of the Overflow Parking Lot facility. This area includes approximately 45,000 sf of pavement. Engineering maintains a database for this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs.

### Project Internal Staff

Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.

### Project Justification

Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. Overflow Parking Lot is scheduled for slurry seal in Spring 2018.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2019			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2020			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2021			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2022			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2023			
Internal Services	2,500	0	2,500
Slurry Seal	25,000	0	25,000
Year Total	27,500	0	27,500

2024			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2025			
Crack fill and maintenance	10,000	0	10,000
Year Total	10,000	0	10,000
2026			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2027			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2028			
Internal Services	2,500	0	2,500
Slurry Seal	25,000	0	25,000
Year Total	27,500	0	27,500
2031			
Crack fill and maintenance	10,000	0	10,000
Year Total	10,000	0	10,000
2033			
Crack fill and maintenance	26,000	0	26,000
Internal Services	2,500	0	2,500
Year Total	28,500	0	28,500
2036			
Internal Services	10,000	0	10,000
Reconstruct	300,000	0	300,000
Year Total	310,000	0	310,000
	<b>448,500</b>	<b>0</b>	<b>448,500</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012	Jul 1, 2016		Senior Engineer	Jun 30, 2017



## Project Summary

<b>Project Number:</b>	4378LI1604		
<b>Title:</b>	Pump Track and Bike Park (Net of Grants)		
<b>Asset Class:</b>	C - Capital Improvement - New Initiatives		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LI - Land Improvements		

### Project Description

In 2015, the District was approached by community members and the Incline Tahoe Foundation about building a bicycle park on District property similar to what is constructed in Truckee and in South Lake Tahoe. The proposed concept would include junior and adult pump tracks as well as three flow lines (beginner, intermediate, and advanced). A pump track is a short looping trail system of dirt berms and rollers designed for bicycling without the rider pedaling. A flow line is a downhill bicycle trail with a distinct start and finish that contains jumps, ramps, berms, and rollers constructed of dirt and wood of varying size and difficulty. A bike park provides a similar recreation destination and experience to the skate park at Incline Park and is utilized by all ages (from young children to adults).

The purpose of this project is to construct a bike park funded via community donations at the Rec Center Property (between Incline Way and the Tennis Courts). The project will diversify the recreational offerings provided at the Recreation Center in a similar manner to what the Disc Golf Course project provided.

### Project Internal Staff

Engineering Division will manage the project with input from Parks and Recreation Staff.

### Project Justification

This project is an easily implemented recreation amenity while the Community Services Master Plan Update is undertaken to determine the long term District objectives for Recreation. The Incline Tahoe Foundation has successfully raised over \$300,000 and indicated there is continued opportunity for additional funding support for this project. Design and permitting was completed in early 2017 with the first phase of construction, which completed the youth pump track and the three flow lines, occurring between the Fall of 2017 and the Spring of 2018. The budget allocated for 2018/2019 is net of grants and will be funded by community donations via the Incline Tahoe Foundation to complete the adult pump track. No work will be authorized or awarded for which there is not verified available grant funds.

### Forecast

Budget Year	Total Expense	Total Revenue	Difference
2019			
Construction (Net of Grants)	300,000	0	300,000
Year Total	300,000	0	300,000
	<b>300,000</b>	<b>0</b>	<b>300,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2015			Principal Engineer	



## Project Summary

<b>Project Number:</b>	4378LI1802	
<b>Title:</b>	Pavement Maintenance - Incline Park	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

<b>Project Description</b>				
Continued maintenance and repair of Incline Park paving assets including pathways and ball field plazas. This includes approximately 1790 lf of pedestrian trail from the skate park to the Third Creek bridge and an additional 10,000sf in asphalt plazas. Engineering maintains a database for this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs.				
<b>Project Internal Staff</b>				
Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.				
<b>Project Justification</b>				
Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
crack fill	1,500	0	1,500	
Year Total	1,500	0	1,500	
2020				
crack fill	1,500	0	1,500	
internal services	1,000	0	1,000	
section replacement	5,000	0	5,000	
Year Total	7,500	0	7,500	
2021				
internal services	1,000	0	1,000	
section replacement	2,500	0	2,500	
Year Total	3,500	0	3,500	
2022				
crack fill	1,500	0	1,500	
internal services	1,000	0	1,000	
section replacement	5,000	0	5,000	
Year Total	7,500	0	7,500	
2023				
internal services	1,000	0	1,000	
section replacement	2,500	0	2,500	
Year Total	3,500	0	3,500	
	<b>23,500</b>	<b>0</b>	<b>23,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Senior Engineer	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	4378LI1803	
<b>Title:</b>	Incline Park Facility Renovations (Net of Grants)	
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

<b>Project Description</b>				
This donor funded project will complete major improvements to the three ballfields at Incline Park. These improvements include:				
These improvements include but are not limited to:				
Field 1				
- Replacement of Dugouts				
- Replacement of Scoreboard				
- Backstop & Fencing Renovations & Replacement				
Field 2				
- Replacement of Dugouts				
- Replacement of Scoreboards				
- Backstop & Fencing Renovations & Replacement				
- Replacement of Spectator Seating				
Field 3				
- In-field Turf, Drainage, and Irrigation				
- Replacement of Scoreboard				
- Replacement of Batting Cages				
- Expansion of Outfield and Fencing Replacement				
- Backstop Renovations				
- Replacement of Dugouts				
- Site Signage Improvements				
<b>Project Internal Staff</b>				
Engineering Division with Support from Parks & Recreation Staff				
<b>Project Justification</b>				
Work was identified by and coordinated with District Staff, user groups, and the funding partner. Project is 100% funded by secured private donations.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Incline Park Facility Renovations (Net of Grants)	1,208,071	0	1,208,071	
Year Total	1,208,071	0	1,208,071	
	<b>1,208,071</b>	<b>0</b>	<b>1,208,071</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Director of Asset Management	





## Project Summary

<b>Project Number:</b>	4378LI1804		
<b>Title:</b>	Bocce Courts at Recreation Center Property Design		
<b>Asset Class:</b>	C - Capital Improvement - New Initiatives		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LI - Land Improvements		

<b>Project Description</b>				
Design of up to four bocce courts located adjacent to the Recreation Center Parking. The design of the new courts will be consistent with the previously completed conceptual design analysis for bocce courts at the District's Recreation Center, the recently completed improvements to the Ski Beach Bocce Court, and the findings/recommendations of the Community Services Master Plan.				
<b>Project Internal Staff</b>				
District Engineering and Parks & Recreation Staff				
<b>Project Justification</b>				
The District has been approached by a group of private donors about funding the construction of up to four bocce courts at the Recreation Center. This project will fund design of the improvements with future construction funded via private donations.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Design and Permitting	15,000	0	15,000	
Year Total	15,000	0	15,000	
	<b>15,000</b>	<b>0</b>	<b>15,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Director of Parks and Recreation	



## Project Summary

<b>Project Number:</b>	4378LV1734	
<b>Title:</b>	2011 Pick-Up with Lift gate (1-ton) #646	
<b>Asset Class:</b>	F - Rolling Stock	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LV - Light Duty Vehicles	

<b>Project Description</b>				
Purchase of new and scheduled replacement of IVGID pick-up trucks, flatbed trucks and service trucks. This is the scheduled replacement of Parks 1-ton pick-up truck, by the Fleet Division, for the Parks Division of the Recreation Department. This vehicle is also equipped with a lift gate and is utilized daily for hauling sod, materials and equipment necessary for the maintenance of the Beaches and Parks around the District. Also used for towing equipment that may not be roaded to the various areas around the District. Vehicles are on a 10-year replacement schedule subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition but will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates. Replacement truck will be a 1 ton flatbed double cab with liftgate and tool storage				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This flatbed truck is operated by the Parks Division of the Recreation Department. Specifically utilized for the daily maintenance activities of the Beaches and Parks throughout the District. Replacement of this vehicle is due to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition, and repair parts availability. The replacement vehicle will be a 1 ton flatbed with liftgate				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
Replace Pick-Up with Lift gate	42,500	0	42,500	
Year Total	42,500	0	42,500	
	<b>42,500</b>	<b>0</b>	<b>42,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2021		Fleet Superintendent	Dec 30, 2021



## Project Summary

<b>Project Number:</b>	4378LV1735		
<b>Title:</b>	2005 Pick-up Truck 4x4 (1-Ton) #554		
<b>Asset Class:</b>	F - Rolling Stock		
<b>Division:</b>	78 - Parks Services		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LV - Light Duty Vehicles		

**Project Description**  
 This project is for the scheduled replacement of vehicles, by the Fleet Division for the Parks Division of the Recreation Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates. Replacement truck will be a 1 ton flatbed double cab with liftgate and tool storage

**Project Internal Staff**  
 Fleet Maintenance Staff will manage this project

**Project Justification**  
 This pick-up truck is operated by the Parks Division of the Recreation Department. Specifically utilized for the daily maintenance activities of the Beaches and Parks throughout the District for hauling materials and equipment. This vehicle is presently is on a 10-year replacement schedule. Replacement of this vehicle is subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition and will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring replacement dates.

Forecast			
Budget Year	Total Expense	Total Revenue	Difference
2021			
Pick-up Truck 4x4	41,000	0	41,000
Year Total	41,000	0	41,000
2030			
Pick-up Truck 4x4	35,000	0	35,000
Year Total	35,000	0	35,000
	<b>76,000</b>	<b>0</b>	<b>76,000</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012	Aug 1, 2019		Fleet Superintendent	Dec 31, 2019



## Project Summary

<b>Project Number:</b>	4378LV1737	
<b>Title:</b>	2004 Pick-up Truck 4x4 (1-Ton) #541	
<b>Asset Class:</b>	F - Rolling Stock	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LV - Light Duty Vehicles	

<b>Project Description</b>				
This project is for the scheduled replacement of vehicles, by the Fleet Division for the Parks Division of the Recreation Department. Vehicles are on a 10-year replacement program subject to accumulated mileage, maintenance cost, oil analysis reports, visual inspection and overall condition. Vehicles will be moved back in the CIP program if indicators reveal no increase in equipment down time or elevated maintenance cost will result by deferring replacement dates. Replacement truck will be a 1 ton flatbed double cab with liftgate and tool storage				
<b>Project Internal Staff</b>				
Fleet Maintenance Staff will manage this project				
<b>Project Justification</b>				
This pick-up truck is operated by the Parks Division of the Recreation Department. Specifically utilized for the daily maintenance activities of the Beaches and Parks throughout the District for hauling materials and equipment. This vehicle is presently is on a 10-year replacement schedule and has been moved back several years. Replacement of this vehicle is subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition and will be moved back in the CIP if indicators reveal no increase in maintenance cost or elevated down time will result by deferring replacement dates.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Pick-up Truck 4x4 (1-Ton)	41,000	0	41,000	
Year Total	41,000	0	41,000	
2030				
Pick-up Truck 4x4 (1-Ton)	36,000	0	36,000	
Year Total	36,000	0	36,000	
	<b>77,000</b>	<b>0</b>	<b>77,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Aug 1, 2019		Fleet Superintendent	Dec 31, 2019



## Project Summary

<b>Project Number:</b>	4378RS1501	
<b>Title:</b>	Replace Previous Incline Park Playground	
<b>Asset Class:</b>	C - Capital Improvement - New Initiatives	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	RS - Recreation System	

<b>Project Description</b>				
Install playground at Incline Park. The playground that was at Incline Park behind left field of IP# 3 and to the side of IP#1 was removed years ago due to structural decay and failure. Since that time no playground has been installed to replace what was there, only the footprint of the border and sand surfacing remain.				
<b>Project Internal Staff</b>				
Buildings Staff and Parks Staff will supervise, install and inspect project, including excavation, installation of drainage and fall material and installation of play equipment.				
<b>Project Justification</b>				
Installation of a playground for ages 2 to 5 will provide an established safe area for children to play. An area is needed for children to play especially during softball/baseball/soccer games as the players often bring their families.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Design	20,000	0	20,000	
Year Total	20,000	0	20,000	
2023				
Install Incline Park Playground	100,000	0	100,000	
Year Total	100,000	0	100,000	
	<b>120,000</b>	<b>0</b>	<b>120,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Principal Engineer	



## Project Summary

<b>Project Number:</b>	4378RS1601	
<b>Title:</b>	Replace Preston Park Playgrounds	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	78 - Parks Services	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	RS - Recreation System	

<b>Project Description</b>				
Replace playgrounds at Preston Parks. This work is part of on-going life-cycle replacement of the District's Parks infrastructure and assets.				
<b>Project Internal Staff</b>				
Buildings Staff and Parks Staff will supervise, help with installation and inspect project, including excavation, installation of drainage and fall material and installation of play equipment.				
<b>Project Justification</b>				
Replacement of a playgrounds will provide an established safe area for children to play. An area is needed for children to play especially during softball/baseball/soccer games as the players often bring their families. The playground at Preston is also a popular destination for families unrelated to events scheduled at the Field and is an alternative to the facilities at Incline and Burnt Cedar Beach. This is the only playground in the District that is available to residents without Beach access.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Design	15,000	0	15,000	
Year Total	15,000	0	15,000	
2022				
Replace playground Preston Park	100,000	0	100,000	
Year Total	100,000	0	100,000	
	<b>115,000</b>	<b>0</b>	<b>115,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Principal Engineer	



## 2018/2019 - 5 Year Project Summary Totals - TENNIS

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total
Tennis	4588BD1602	Paint All Court Fences and Light Poles, Replace Wind Screens	-	-	51,000	-	-	51,000
	4588BD1604	Tennis Center Renovation	-	390,000	-	-	-	390,000
	4588LI1201	Pavement Maintenance, Tennis Facility	5,000	23,500	5,000	5,000	5,000	43,500
	4588ME1702	Replace Tennis Center Ice Maker	-	-	-	-	9,500	9,500
	4588RS1401	Resurface Tennis Courts 8-9-10-11	-	-	17,600	-	-	17,600
	4588RS1402	Resurface Tennis Courts 3 thru 7	75,000	-	-	-	-	75,000
	4588RS1501	Resurface Tennis Courts 1 and 2	-	47,000	-	-	-	47,000
	4588RS1801	Tennis Center Pickle Ball Court Conversion	18,000	-	-	-	-	18,000
	<b>Total</b>			<b>98,000</b>	<b>460,500</b>	<b>73,600</b>	<b>5,000</b>	<b>14,500</b>







## Project Summary

<b>Project Number:</b>	4588BD1602		
<b>Title:</b>	Paint All Court Fences and Light Poles, Replace Wind Screens		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	88 - Tennis		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
The center court light poles and all the court fence enclosures were last painted in the spring of 2006. All the aforementioned are chipping, fading and showing the start of rusting due to age of the paint and exposure. To maintain the appearance all should be repainted to enhance the quality of the courts and overall appearance.				
<b>Project Internal Staff</b>				
Staff will supervise and inspect contractor installation project.				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Tennis Center asset and customer service.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Contingency	4,500	0	4,500	
Internal Services	3,500	0	3,500	
Paint light poles/fences	18,000	0	18,000	
Wind Screens on all courts	25,000	0	25,000	
Year Total	51,000	0	51,000	
2026				
Contingency	6,500	0	6,500	
Internal Services	3,500	0	3,500	
Paint light poles/fences	20,000	0	20,000	
Year Total	30,000	0	30,000	
2028				
Wind Screens on all courts	27,500	0	27,500	
Year Total	27,500	0	27,500	
	<b>108,500</b>	<b>0</b>	<b>108,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	May 9, 2016		Buildings Superintendent	May 27, 2016



## Project Summary

<b>Project Number:</b>	4588BD1604	
<b>Title:</b>	Tennis Center Renovation	
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities	
<b>Division:</b>	88 - Tennis	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>				
<p>A number of the facilities at the Tennis Center Pro-shop/Clubhouse Building are dated, showing wear and tear, and are in need of capital improvement. The condition of the restrooms has been identified by the Tennis DVAT as a high priority for attention by the District. The restrooms are also a source of regular customer complaints. Additionally the deck is approaching end of life and is in need of replacement. The kitchen/sundry area is not well laid out and has been subject to repeated wildlife damage. Finally, the entrance to the pro-shop facility is hidden and difficult to see with customer flow not well laid out. This results in customer confusion as well as frequent intentional and unintentional by-pass of the check-in area/process by customers. This project will design, permit, and complete a strategic remodel of the Tennis Center building to address the above described issues. All finishes will be upgraded with aesthetically pleasing but long wearing materials. Total fixture count of the restrooms is adequate and will be unchanged by the project. Overall footprint of the facility will not be increased in this project.</p>				
<b>Project Internal Staff</b>				
Engineering Division Staff will manage all phases of this project.				
<b>Project Justification</b>				
The Tennis Center building has not seen major capital maintenance in over a decade and is showing signs of wear and tear. It is a source of complaints from guests and was identified as an area requiring enhancement in the 2016 Tennis Center Facility Study. All improvements will be in-line with the recommendations and findings of the finalized Facility Study.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Construction	325,000	0	325,000	
Contingency	32,500	0	32,500	
Internal Services and Construction Management	32,500	0	32,500	
Year Total	390,000	0	390,000	
	<b>390,000</b>	<b>0</b>	<b>390,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2014			Director of Asset Management	



## Project Summary

<b>Project Number:</b>	4588LI1201	
<b>Title:</b>	Pavement Maintenance, Tennis Facility	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	88 - Tennis	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

<b>Project Description</b>			
Continued maintenance and repair of the tennis facility paving assets, including parking lot and pathways. Area includes approximately 15,000 sf of pathways and 15,000 sf of parking lot. Engineering maintains a database for this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs.			
<b>Project Internal Staff</b>			
Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.			
<b>Project Justification</b>			
Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. The parking lot was reconstructed in 2014. Pathways are of varied age and require annual maintenance.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2020			
Crack fill and maintenance	5,000	0	5,000
Internal Services	2,500	0	2,500
Slurry Seal	16,000	0	16,000
Year Total	23,500	0	23,500
2021			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2022			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2023			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000

2024			
Crack fill and maintenance	7,500	0	7,500
Internal Services	2,500	0	2,500
Year Total	10,000	0	10,000
2025			
Internal Services	2,500	0	2,500
Slurry Seal	16,000	0	16,000
Year Total	18,500	0	18,500
2026			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2027			
Crack fill and maintenance	5,000	0	5,000
Year Total	5,000	0	5,000
2029			
Crack fill and maintenance	10,000	0	10,000
Internal Services	2,500	0	2,500
Year Total	12,500	0	12,500
2030			
Internal Services	2,500	0	2,500
Slurry Seal	16,000	0	16,000
Year Total	18,500	0	18,500
2033			
Crack fill and maintenance	10,000	0	10,000
Internal Services	2,500	0	2,500
Year Total	12,500	0	12,500
2036			
Internal Services	10,000	0	10,000
Reconstruct	300,000	0	300,000
Year Total	310,000	0	310,000
	<b>435,500</b>	<b>0</b>	<b>435,500</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012	Jul 1, 2016		Senior Engineer	Jun 30, 2017



## Project Summary

<b>Project Number:</b>	4588ME1702		
<b>Title:</b>	Replace Tennis Center Ice Maker		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	88 - Tennis		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	ME - Mechanical Equipment		

<b>Project Description</b>				
The ice maker located in the Tennis Complex is nine years old. It is used to fill the coolers, water bottles etc. Based on estimated useful life and knowledge of the performance of the current equipment, a replacement schedule has been developed for the equipment. It has been determined that replacement should be scheduled every six years				
<b>Project Internal Staff</b>				
Buildings Maintenance Staff				
<b>Project Justification</b>				
The equipment presented is a replacement of the same item as presently in service. There are no changes to capacities. However, properly performing equipment is essential to maintaining health and safety standards as well as serving customers timely and with a quality product.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
Contingency	1,000	0	1,000	
Internal Services	500	0	500	
Replace Tennis Ice Maker	8,000	0	8,000	
Year Total	9,500	0	9,500	
	<b>9,500</b>	<b>0</b>	<b>9,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017	Jul 1, 2017		Buildings Superintendent	Jul 31, 2017



## Project Summary

<b>Project Number:</b>	4588RS1401	
<b>Title:</b>	Resurface Tennis Courts 8-9-10-11	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	88 - Tennis	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	RS - Recreation System	

<b>Project Description</b>				
Resurface courts 8-9-10-11 on a 6-year cycle.				
<b>Project Internal Staff</b>				
Parks & Recreation Superintendent will supervise and inspect contractor installed project				
<b>Project Justification</b>				
The surface material is affected by factors of usage and weather and should be expected to be maintained every 6 years.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Resurface Courts 8 - 11	17,600	0	17,600	
Year Total	17,600	0	17,600	
2027				
Resurface Courts 8 - 11	19,000	0	19,000	
Year Total	19,000	0	19,000	
2033				
Resurface Courts 8 - 11	20,500	0	20,500	
Year Total	20,500	0	20,500	
	<b>57,100</b>	<b>0</b>	<b>57,100</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Director of Parks and Recreation	



## Project Summary

<b>Project Number:</b>	4588RS1402	
<b>Title:</b>	Resurface Tennis Courts 3 thru 7	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	88 - Tennis	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	MAIN	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	RS - Recreation System	

<b>Project Description</b>				
Resurface Tennis Courts 3,4,5,6 and 7 on a 5 year cycle.				
This work will also include necessary drainage improvements to prevent flooding of the near court areas after rain events and court washings.				
<b>Project Internal Staff</b>				
Parks & Recreation Superintendent will supervise the contractor.				
<b>Project Justification</b>				
The surface material is affected by factors of usage and weather and should be expected to be maintained every 5 years. The drainage improvements were identified as a priority in the 2016 Tennis Facility Plan.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Drainage Improvements	48,000	0	48,000	
Resurface by contractor	27,000	0	27,000	
Year Total	75,000	0	75,000	
2024				
Resurface by contractor	23,000	0	23,000	
Year Total	23,000	0	23,000	
2029				
Resurface by contractor	24,000	0	24,000	
Year Total	24,000	0	24,000	
2034				
Resurface by contractor	25,000	0	25,000	
Year Total	25,000	0	25,000	
	<b>147,000</b>	<b>0</b>	<b>147,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	May 1, 2019		Director of Parks and Recreation	Jun 1, 2019





## Project Summary

<b>Project Number:</b>	4588RS1501	
<b>Title:</b>	Resurface Tennis Courts 1 and 2	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	88 - Tennis	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	RS - Recreation System	

<b>Project Description</b>				
Resurface Tennis Courts 1 & 2 on a 5-year cycle.				
This work will also include necessary drainage improvements to prevent flooding of the near court areas after rain events and court washings.				
<b>Project Internal Staff</b>				
Parks & Recreation Superintendent will supervise the contractor.				
<b>Project Justification</b>				
The surface material is affected by factors of usage and weather and should be expected to be maintained every 5 years.				
The drainage improvements were identified as a priority in the 2016 Tennis Facility Plan.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Court Resurfacing	12,000	0	12,000	
Drainage Improvements	35,000	0	35,000	
Year Total	47,000	0	47,000	
2025				
Court Resurfacing	10,000	0	10,000	
Year Total	10,000	0	10,000	
2030				
Court Resurfacing	11,000	0	11,000	
Year Total	11,000	0	11,000	
2035				
Court Resurfacing	12,000	0	12,000	
Year Total	12,000	0	12,000	
	<b>80,000</b>	<b>0</b>	<b>80,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	May 1, 2020		Director of Parks and Recreation	Jun 1, 2020



## Project Summary

<b>Project Number:</b>	4588RS1801		
<b>Title:</b>	Tennis Center Pickle Ball Court Conversion		
<b>Asset Class:</b>	C - Capital Improvement - New Initiatives		
<b>Division:</b>	88 - Tennis		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	RS - Recreation System		

<b>Project Description</b>					
Conversion of court 11 from a traditional Tennis Court to 4 Pickle Ball Courts. Includes strip existing surface, repaint for Pickle Ball play, fill any court cracks, installation of permanent net systems, installation of a divider net for separation and safety.					
<b>Project Internal Staff</b>					
Indra Winqest, Chris Cardador					
<b>Project Justification</b>					
There has been significant growth in Pickle Ball utilization and revenue over the past 4 years. This projects allows for expanded capacity and play.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2019					
Pickle Ball Conversion	18,000	0	18,000		
Year Total	18,000	0	18,000		
	<b>18,000</b>	<b>0</b>	<b>18,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2018	Jul 1, 2018		Director of Parks and Recreation	Jul 15, 2018	



## 2018/2019 - 5 Year Project Summary Totals - RECREATION CENTER

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total
Recreation Center	4884BD1601	Recreation Center Natatorium Mezzanine Safety Enhancements	-	90,000	-	-	-	90,000
	4884BD1705	Upgrade Lights for I.P. Pathway	-	-	-	27,000	-	27,000
	4884BD1804	Chemtrol System for Recreation Center Pool	-	-	-	22,000	-	22,000
	4884BD1901	Replace Condensing Unit 2 and 4	50,000	-	-	-	-	50,000
	4884FF1502	Repair Deck Stairs and Powder Coat All Patio Deck Railings	40,000	-	-	-	-	40,000
	4884LI1102	Pavement Maintenance, Recreation Center Area	12,500	57,500	62,500	5,000	357,500	495,000
	4884RS1503	Replaster Recreation Center Pool	-	-	-	175,000	-	175,000
	4885BD1606	Pool Facility Deck/Floor Re-coat	-	34,000	-	-	-	34,000
	4886LE0001	Fitness Equipment	43,500	44,200	45,000	47,250	49,000	228,950
	4899BD1305	Paint Interior of Recreation Center	20,500	-	-	15,500	-	36,000
	4899BD1801	Paver install Front Walkway at Recreation Center	-	-	-	-	130,000	130,000
	4899LV1721	2012 15-Passenger Van #667	-	-	-	45,800	-	45,800
	4899OE1607	Recreation Center Printer Copier Replacement 980 Incline Way	-	-	20,000	-	-	20,000
		<b>Total</b>		<b>166,500</b>	<b>225,700</b>	<b>127,500</b>	<b>337,550</b>	<b>536,500</b>





## Project Summary

<b>Project Number:</b>	4884BD1601		
<b>Title:</b>	Recreation Center Natatorium Mezzanine Safety Enhancements		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	84 - Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>					
This project will remodel the Recreation Center's natatorium mezzanine to enhance safety and overall appearance.					
<b>Project Internal Staff</b>					
The Buildings Division will manage this project with support from Engineering and Recreation Staff.					
<b>Project Justification</b>					
The existing natatorium mezzanine is laid out in manner where a serious trip and fall hazard exists. There have been a number of falls due to the configuration of the stairs and the mezzanine was identified to be addressed in a recent safety audit of the facility.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2020					
Construction	90,000	0	90,000		
Year Total	90,000	0	90,000		
	<b>90,000</b>	<b>0</b>	<b>90,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2015			Buildings Superintendent		



## Project Summary

<b>Project Number:</b>	4884BD1705	
<b>Title:</b>	Upgrade Lights for I.P. Pathway	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	84 - Operations	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>				
Upgrade pole light heads for the Incline Park pathway				
<b>Project Internal Staff</b>				
Buildings Maintenance				
<b>Project Justification</b>				
This project would complete the pathway light upgrade began last year with the lights adjacent to the Skateboard Park. The remaining twelve light heads would be replaced with a more efficient and longer lasting LED plug in as opposed to the metal halide blubs that are currently in use. The manufacture life expectancy on the LED plug in is 15-18 years				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Contingency	4,200	0	4,200	
Internal Sevices	6,000	0	6,000	
Upgrade Lights for I.P. Pathway	16,800	0	16,800	
Year Total	27,000	0	27,000	
	<b>27,000</b>	<b>0</b>	<b>27,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017	Aug 1, 2021		Buildings Superintendent	Nov 1, 2021



## Project Summary

<b>Project Number:</b>	4884BD1804	
<b>Title:</b>	Chemtrol System for Recreation Center Pool	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	84 - Operations	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	ME - Mechanical Equipment	

<b>Project Description</b>					
Chemtrol Water Safety System for Recreation Center pool					
<b>Project Internal Staff</b>					
Indra Winqest, Daniel Vargas					
<b>Project Justification</b>					
Current Chemtrol system was installed in the Late 90's. It has undergone a minimum of three major repairs. A replacement system will provide advanced technology as well as the ability to monitor and make adjustments remotely.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2022					
Chemtrol System RC Pool	22,000	0	22,000		
Year Total	22,000	0	22,000		
	<b>22,000</b>	<b>0</b>	<b>22,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2018			Director of Parks and Recreation		





## Project Summary

<b>Project Number:</b>	4884BD1901	
<b>Title:</b>	Replace Condensing Unit 2 and 4	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	84 - Operations	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main - 2097bd1204	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>				
The HVAC equipment at the Recreation Center is from original construction in 1992. The units have been maintained through regular and preventative maintenance. However, usage and age have made spot repairs problematic and replacement is required. A more effective high efficient low ambient unit will be installed. The units being replaced service the lobby and the back hallway areas including the aerobics, childcare and admin offices. The project will also upgrade the refrigerant components from R22 freon to the new R410a freon.				
<b>Project Internal Staff</b>				
Buildings Maintenance Staff				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed to maintain the value of the Recreation Center asset and customer service.				
Changes in EPA regulations are phasing out the use of R22 freon and on January 1, 2020 R22 freon will no longer be manufactured or available for use/replacement in the United States. The industry has adopted R410a freon as the new standard but R410a is not compatible with equipment designed to utilize R22. New equipment utilizing R22 has also been phased out by the manufacturers given the regulatory change and phase out of R22.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Condensing and Refrigerant System Upgrades for R410a compliance	50,000	0	50,000	
Year Total	50,000	0	50,000	
2033				
Condensing and Refrigerant System Upgrades for R410a compliance	40,200	0	40,200	
Contingency	7,500	0	7,500	
Internal Services	2,000	0	2,000	
Year Total	49,700	0	49,700	
	<b>99,700</b>	<b>0</b>	<b>99,700</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	4884FF1502		
<b>Title:</b>	Repair Deck Stairs and Powder Coat All Patio Deck Railings		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	84 - Operations		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	FF - Furniture and Fixtures		

<b>Project Description</b>
<p>The concrete stairways have been sealed on a yearly basis for the past ten years but prior to that nothing was done. The cracks and spaulding on the south stairway is much worse due to exposures and should be completely replaced. It will be replaced with a metal stairway better suited to the exposure. The north facing stairway is in much better condition and will be resurfaced in a separate project. The deck railings were not powder coated on installation and have been maintained with rust removal and paint. However, for the railings to be preserved it would be much less expensive to have them removed and powder coated as opposed to replaced.</p> <p>This project should be done prior to and in conjunction with the patio deck resealing.</p>

<b>Project Internal Staff</b>
Staff will supervise and inspect contractor installation project.

<b>Project Justification</b>
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Recreation Center asset and customer service.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Construction	40,000	0	40,000
Year Total	40,000	0	40,000
	<b>40,000</b>	<b>0</b>	<b>40,000</b>

<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013	May 4, 2015		Buildings Superintendent	May 29, 2015



## Project Summary

<b>Project Number:</b>	4884LI1102	
<b>Title:</b>	Pavement Maintenance, Recreation Center Area	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	84 - Operations	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

**Project Description**  
 Continued maintenance and repair of Recreation Center area's pavement assets. These include the entry roads and parking lot, The Tennis facility area is budgeted separately. This includes approximately 91,000 sf of pavement. Engineering maintains a database on this and all other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs.

**Project Internal Staff**  
 Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.

**Project Justification**  
 Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. The Recreation Center parking lot was built in 1991 and reached its expected service life. This site will need increased maintenance for ongoing safety repairs until it can be reconstructed. Section replacement is planned for 2020 with a Slurry Seal in 2021. Rebuild of the parking lot is anticipated in 2023.

<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Crackfill and Maintenance	10,000	0	10,000
Internal Services	2,500	0	2,500
Year Total	12,500	0	12,500
2020			
Crackfill and Maintenance	5,000	0	5,000
Internal Services	2,500	0	2,500
Section Replacement	50,000	0	50,000
Year Total	57,500	0	57,500
2021			
Crackfill and Maintenance	10,000	0	10,000
Internal Services	2,500	0	2,500
Slurry Seal	50,000	0	50,000
Year Total	62,500	0	62,500
2022			
Crackfill and Maintenance	5,000	0	5,000
Year Total	5,000	0	5,000

2023			
Engineering Services	50,000	0	50,000
Internal Services	7,500	0	7,500
Reconstruct Rec Center Parking and Roads	300,000	0	300,000
Year Total	357,500	0	357,500
2024			
Internal Services	7,500	0	7,500
Reconstruct Rec Center Parking and Roads	300,000	0	300,000
Year Total	307,500	0	307,500
2025			
Internal Services	7,500	0	7,500
Reconstruct Rec Center Parking and Roads	300,000	0	300,000
Year Total	307,500	0	307,500
2027			
Crackfill and Maintenance	10,000	0	10,000
Internal Services	1,000	0	1,000
Year Total	11,000	0	11,000
2030			
Crackfill and Maintenance	10,000	0	10,000
Internal Services	2,500	0	2,500
Slurry Seal	40,000	0	40,000
Year Total	52,500	0	52,500
2033			
Internal Services	5,000	0	5,000
Year Total	5,000	0	5,000
2035			
Crackfill and Maintenance	10,000	0	10,000
Slurry Seal	40,000	0	40,000
Year Total	50,000	0	50,000
	<b>1,228,500</b>	<b>0</b>	<b>1,228,500</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012	Jul 1, 2016		Senior Engineer	Jun 30, 2017



## Project Summary

<b>Project Number:</b>	4884RS1503	
<b>Title:</b>	Replaster Recreation Center Pool	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	84 - Operations	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	RS - Recreation System	

<b>Project Description</b>
<p>The recreation Center pool plaster surfaces require periodic replacement. The anticipated lifespan is 10-15 years. Over time cracking and surface failure will create health and safety impacts to continued use of the pool. The breakdown and cracking of the pool surface creates an unsafe pool sub straight. Therefore the floor does not meet health dept safety code requirements. Continued maintenance of the pool has involved patching of failed areas to meet current requirements. This project will time for repairs is approximately one month. The pool deck resurfacing CIP will be done at the same time minimizing pool closure time.</p>

<b>Project Internal Staff</b>
Staff will supervise and inspect contractor installation project.

<b>Project Justification</b>
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience and Health Department Codes. This project is designed primarily to maintain the value of the Recreation Center asset and customer service.

<b>Forecast</b>																																																	
<table border="1"> <thead> <tr> <th>Budget Year</th> <th>Total Expense</th> <th>Total Revenue</th> <th>Difference</th> </tr> </thead> <tbody> <tr> <td>2022</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Contingency</td> <td>15,000</td> <td>0</td> <td>15,000</td> </tr> <tr> <td>Internal Services</td> <td>10,000</td> <td>0</td> <td>10,000</td> </tr> <tr> <td>Replaster/Resurface Pool</td> <td>150,000</td> <td>0</td> <td>150,000</td> </tr> <tr> <td>Year Total</td> <td>175,000</td> <td>0</td> <td>175,000</td> </tr> <tr> <td>2038</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Contingency</td> <td>18,000</td> <td>0</td> <td>18,000</td> </tr> <tr> <td>Internal Services</td> <td>7,000</td> <td>0</td> <td>7,000</td> </tr> <tr> <td>Replaster/Resurface Pool</td> <td>175,000</td> <td>0</td> <td>175,000</td> </tr> <tr> <td>Year Total</td> <td>200,000</td> <td>0</td> <td>200,000</td> </tr> <tr> <td></td> <td><b>375,000</b></td> <td><b>0</b></td> <td><b>375,000</b></td> </tr> </tbody> </table>	Budget Year	Total Expense	Total Revenue	Difference	2022				Contingency	15,000	0	15,000	Internal Services	10,000	0	10,000	Replaster/Resurface Pool	150,000	0	150,000	Year Total	175,000	0	175,000	2038				Contingency	18,000	0	18,000	Internal Services	7,000	0	7,000	Replaster/Resurface Pool	175,000	0	175,000	Year Total	200,000	0	200,000		<b>375,000</b>	<b>0</b>	<b>375,000</b>	
Budget Year	Total Expense	Total Revenue	Difference																																														
2022																																																	
Contingency	15,000	0	15,000																																														
Internal Services	10,000	0	10,000																																														
Replaster/Resurface Pool	150,000	0	150,000																																														
Year Total	175,000	0	175,000																																														
2038																																																	
Contingency	18,000	0	18,000																																														
Internal Services	7,000	0	7,000																																														
Replaster/Resurface Pool	175,000	0	175,000																																														
Year Total	200,000	0	200,000																																														
	<b>375,000</b>	<b>0</b>	<b>375,000</b>																																														

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2013			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	4885BD1606	
<b>Title:</b>	Pool Facility Deck/Floor Re-coat	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	85 - Rec Center Pool	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>				
To provide the cleanliness, health and safety expected by our customers and secure the longevity of the pool deck, a re-coating needs to be applied approximately every five years.				
<b>Project Internal Staff</b>				
Buildings and Rec Center staff will supervise and inspect contractor installed project.				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience and Health Department Codes. This project is designed primarily to maintain the value of the Recreation Center asset and customer service.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Construction	28,500	0	28,500	
Contingency	3,000	0	3,000	
Internal Services	2,500	0	2,500	
Year Total	34,000	0	34,000	
2024				
Construction	30,000	0	30,000	
Contingency	3,000	0	3,000	
Internal Services	2,500	0	2,500	
Year Total	35,500	0	35,500	
2029				
Construction	33,000	0	33,000	
Contingency	3,500	0	3,500	
Internal Services	3,000	0	3,000	
Year Total	39,500	0	39,500	
2034				
Construction	37,500	0	37,500	
Contingency	4,000	0	4,000	
Internal Services	3,500	0	3,500	
Year Total	45,000	0	45,000	
	<b>154,000</b>	<b>0</b>	<b>154,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Recreation Center Manager	



## Project Summary

<b>Project Number:</b>	4886LE0001	
<b>Title:</b>	Fitness Equipment	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	86 - Rec Center Fitness	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LE - Light Duty Service Equipment	



<b>Project Description</b>				
Annual/routine replacement cycle for the purchase of IV Recreation Center fitness equipment including: Cardiovascular & Strength Training Equipment (i.e. treadmills, stair climbers, stationary bike, rowing machines, elliptical, leg & chest press etc.). This capital improvement project earmarks funds to purchase equipment that has reached its life expectancy and/or cannot be restored to operate at peak efficiency, plus shipping, installation and projected price increases. Most cardiovascular equipment has a 5-7 year life expectancy, and strength equipment 6-9 year life expectancy. New equipment purchases will adhere to top level fitness trends, standards and reputation to satisfy and retain the Recreation Center membership, meet the needs of the diverse age/ability range of the users, and include personal viewing systems(or latest technology) to enhance personal workouts.				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
2019 – Replace with similar equipment: Two Precor Ellipticals, Two Life Fitness Ellipticals, Two Precor Treadmills and One Precor Recumbent Bike Budget: \$43,500				
2020- Replace with similar equipment: Concept Rower II, SciFit Ergometer, Two LifeFitness Elliptical, Two Life Fitness Bikes and Two Cybex Arc Trainers Budget: \$44,200				
2021-Replace with similar equipment: Three Precor Treadmills, Two Precor Recumbent Bikes, Versaclimber Sports Model, Freemotion Squat Rack and Two Reformers Budget: \$45,000				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Fitness Equipment	43,500	0	43,500	
Year Total	43,500	0	43,500	
2020				
Fitness Equipment	44,200	0	44,200	
Year Total	44,200	0	44,200	
2021				
Fitness Equipment	45,000	0	45,000	
Year Total	45,000	0	45,000	
2022				
Fitness Equipment	47,250	0	47,250	
Year Total	47,250	0	47,250	
2023				
Fitness Equipment	49,000	0	49,000	
Year Total	49,000	0	49,000	
	<b>228,950</b>	<b>0</b>	<b>228,950</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2014	Jul 1, 2018		Recreation Center Manager	Jun 30, 2019



## Project Summary

<b>Project Number:</b>	4899BD1305	
<b>Title:</b>	Paint Interior of Recreation Center	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	99 - Rec. Admin.	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>				
This project is for on-going upkeep and re-application of the interior paint in the Recreation Center. Many areas of the facility are damaged, dirty and stained from usage and age. Touch up paint and repairs have been made to the interior walls of the Buildings to maintain the general appearance of the Facility. However, as more touch up is completed different shades of the same paint become visible due to age of the existing paint. By repairing the damaged areas and painting the entire facility interior it improves what will become a customer service issue, if not addressed and the appearance and further protects the overall interior. High traffic to be done every two years with initial install of corner guards in upper hallway.				
<b>Project Internal Staff</b>				
Buildings Staff will supervise and inspect project.				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Recreation Center asset and customer service.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Contingency	2,000	0	2,000	
corner guards upstairs	5,000	0	5,000	
Internal Services	1,000	0	1,000	
Paint Interior	12,500	0	12,500	
Year Total	20,500	0	20,500	
2022				
Contingency	2,000	0	2,000	
Internal Services	1,000	0	1,000	
Paint Interior	12,500	0	12,500	
Year Total	15,500	0	15,500	
2024				
Contingency	2,000	0	2,000	
Internal Services	1,000	0	1,000	
Paint Interior	12,500	0	12,500	
Year Total	15,500	0	15,500	
2031				
Contingency	5,000	0	5,000	
Internal Services	2,000	0	2,000	
Paint Interior	42,500	0	42,500	
Year Total	49,500	0	49,500	
	<b>101,000</b>	<b>0</b>	<b>101,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	4899BD1801		
<b>Title:</b>	Paver install Front Walkway at Recreation Center		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - Rec. Admin.		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Removal of failing concrete and prep ground with base to accept new precast pavers.				
<b>Project Internal Staff</b>				
Building Maintenance				
<b>Project Justification</b>				
The 25-year-old concrete has been spalling and started to fail and as a stopgap has received numerous coatings to prolong its life. The continued degradation of the surface will eventually pose safety issues as well as its current aesthetic problems. Work to be coordinated with parking lot reconstruction planned separately.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
Contingency	8,600	0	8,600	
Internal Services	4,400	0	4,400	
Rec. Center Walkway Pavers	117,000	0	117,000	
Year Total	130,000	0	130,000	
	<b>130,000</b>	<b>0</b>	<b>130,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018	Jul 1, 2022		Buildings Superintendent	Aug 31, 2022



## Project Summary

<b>Project Number:</b>	4899LV1721	
<b>Title:</b>	2012 15-Passenger Van #667	
<b>Asset Class:</b>	F - Rolling Stock	
<b>Division:</b>	97 - Shared Expenses	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LV - Light Duty Vehicles	

<b>Project Description</b>			
This project is for the scheduled replacement of vehicles by the Fleet Division for the Incline Recreation Department. This 15-passenger, 4-wheel drive van is utilized year around on a limited basis for transporting children from the elementary school to the Recreation Center. Additionally during the winter months it is utilized by Diamond Peak for transporting skiers to and from the Ski Resort during light load requirements. Vehicles are on a 10-year replacement program subject to accumulated mileage, accrued maintenance cost, oil analysis reports, visual inspection and overall condition.			
<b>Project Internal Staff</b>			
Fleet Maintenance Staff will manage this project			
<b>Project Justification</b>			
The final replacement date is subject to accumulated usage (hours), accrued maintenance cost, oil analysis reports, visual inspection and overall condition. Replacement will be moved back in the CIP if indicators reveal that increased maintenance cost or elevated down time will not result by deferring the replacement date.			
<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2022			
Replace 15-Pass. Van	45,800	0	45,800
Year Total	45,800	0	45,800
2032			
Replace 15-Pass. Van	57,000	0	57,000
Year Total	57,000	0	57,000
	<b>102,800</b>	<b>0</b>	<b>102,800</b>
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>
2012	Jul 1, 2021		Fleet Superintendent
			<b>Est. Completion Date</b>
			Jun 30, 2022



## Project Summary

<b>Project Number:</b>	4899OE1607		
<b>Title:</b>	Recreation Center Printer Copier Replacement 980 Incline Way		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	99 - Rec. Admin.		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	OE - Office Equipment		

<b>Project Description</b>				
Replacement of the large volume color/black device serving the administrative office and front counter at the Recreation Center. It provides black ink copies for documents and color usage is generally for program materials for a variety of recreation activities. Color printing is meter and requires a user code. This project is for the cost of the printer copier only and does not include monthly maintenance charges which is part of the District's comprehensive maintenance plan.				
<b>Project Internal Staff</b>				
The IT Technician oversees the routine maintenance and care and condition assessment of this device.				
<b>Project Justification</b>				
The current volume printed/copied on this device averages around 15,000 a month. It is a Xerox WorkCentre 7970 purchased in 2015. Life cycle is 2,400,000 images. The meter read at 12/1/15 was 26,000. Proposed new printer/copier will be based on industry comparisons for functionality and capacity, considering the best pricing we can get from state and local contracts.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Copier	20,000	0	20,000	
Year Total	20,000	0	20,000	
2026				
Copier	25,000	0	25,000	
Year Total	25,000	0	25,000	
	<b>45,000</b>	<b>0</b>	<b>45,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012	Jul 1, 2020		Director of Information Technology	Jun 30, 2021



2018/2019 - 5 Year Project Summary Totals - COMMUNITY SERVICES SHARED

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total
Community Services Shared	4999BD1803	Fall protection for District Venues	27,500	-	-	-	-	27,500
	4999OE1399	Web Site Redesign and Upgrade	-	-	80,000	-	-	80,000
	Total		27,500	-	80,000	-	-	107,500







## Project Summary

<b>Project Number:</b>	4999BD1803		
<b>Title:</b>	Fall protection for District Venues		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - Community Services Admin.		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>					
Fall protection including engineered tie off points and appropriate harnesses etc. Outside contractor and engineer, in this field of expertise, will administer project.					
<b>Project Internal Staff</b>					
Buildings					
<b>Project Justification</b>					
Prompted by concerns from District Safety Specialist to update our current fall protection on four specific venues that are over ten feet. The Recreation Center, Chateau and Administration Buildings have been identified because they all have equipment that requires maintenance and therefore mandatory access to roof by Buildings Staff.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2019					
Contingency	4,000	0	4,000		
Design and engineering	2,500	0	2,500		
Fall Protection District Venues	20,400	0	20,400		
Internal Services	600	0	600		
Year Total	27,500	0	27,500		
	<b>27,500</b>	<b>0</b>	<b>27,500</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2018	Jul 1, 2018		Buildings Superintendent	Jul 31, 2018	



## Project Summary

<b>Project Number:</b>	4999OE1399	
<b>Title:</b>	Web Site Redesign and Upgrade	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	99 - Community Services Admin.	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Web Site Redesign and Upgrade	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	OE - Office Equipment	

<b>Project Description</b>					
Redesign/redevelop District websites. IVGID is looking for a strategic web partnership and a web agency that can reengineer the sites to incorporate the latest web technology and position them for the future with social integration and mobile features. If there is a requirement for future web work outside of the scope of IVGID staff, the selected vendor may be contracted on a per project bases or on a timed retainer.					
<b>Project Internal Staff</b>					
Marketing – project owner, coordination w/vendor IT – input/infrastructure & content support Upon completion of the development of the sites, IVGID will assume responsibility for web site content maintenance and administration.					
<b>Project Justification</b>					
A full District website redesign/redevelopment/upgrade project was completed in fiscal year 2013-14. A scheduled redesign/redevelopment project is desired in order to remain current with Internet technology and maintain our primary internet objective: build brand identity, awareness, and interest in the District and the services it provides.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2021					
District Websites Redesign	80,000	0	80,000		
Year Total	80,000	0	80,000		
	<b>80,000</b>	<b>0</b>	<b>80,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2014			Marketing Manager		

## 2018/2019 - 5 Year Project Summary Totals - BEACHES

Division	Project Number	Project Title	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	Total
<b>Beaches</b>	3939BD1803	Burnt Cedar Food & Beverage Customer Improvements	10,000	-	-	-	-	10,000
	3970BD2601	Burnt Cedar Swimming and Toddler Pool Resurface and Mechanical Improvements	75,000	500,000	-	-	-	575,000
	3972BD1301	Pavement Maintenance, Ski Beach	33,500	6,000	6,000	6,000	15,000	66,500
	3972BD1501	Beaches Flatscape and Retaining Wall Enhancement and Replacement	55,000	55,000	55,000	55,000	-	220,000
	3972BD1707	Burnt Cedar Dumpster enclosure	-	10,000	35,000	-	-	45,000
	3972FF1704	Beach Furnishings	58,400	-	7,000	21,000	-	86,400
	3972LI1201	Pavement Maintenance, Incline Beach	26,500	-	6,500	5,000	7,500	45,500
	3972LI1202	Pavement Maintenance, Burnt Cedar Beach	72,500	1,000	6,000	17,500	7,500	104,500
	3972LI1801	Kayak and Paddle Board Rack Enhancements	30,000	-	-	-	-	30,000
	3972RS1701	Replace Playgrounds	-	-	30,000	100,000	100,000	230,000
	3973FF1204	Incline Beach Kitchen	-	-	-	7,260	-	7,260
	3974FF1101	Burnt Cedar Beach Kitchen	-	-	-	6,800	-	6,800
	3999BD1702	Resurface Burnt Cedar Pool Patio Deck	-	29,100	-	-	-	29,100
	3999BD1708	Ski Beach Bridge Replacement	-	-	-	-	120,000	120,000
	3999BD1802	Fall protection for Beach Venues	12,000	-	-	-	-	12,000
	3999DI1706	Burnt Cedar Beach Backflow Device Replacement	-	-	-	-	45,000	45,000
		<b>Total</b>		<b>372,900</b>	<b>601,100</b>	<b>145,500</b>	<b>218,560</b>	<b>295,000</b>





## Project Summary

<b>Project Number:</b>	3939BD1803		
<b>Title:</b>	Burnt Cedar Food & Beverage Customer Improvements		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	39 - Burnt Cedar Fd & Bev		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
This project will evaluate and design modest improvements to the Burnt Cedar Beach food facilities to enhance customer flow and customer throughput. Improvements will focus on leveraging the underutilized display room and will incorporate recommendations from the Beaches Recreation Enhancement and Opportunities Plan. Design work in year 1 will provide a construction cost estimate to inform and prioritize future capital budget cycles.				
<b>Project Internal Staff</b>				
Engineering and Food and Beverage Staff				
<b>Project Justification</b>				
Speed of food service at Burnt Cedar Beach has been a source of chronic customer complaints. There opportunities for modest improvements by leveraging the underutilized display room that is currently adjacent to the existing food service windows.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Design and Evaluation of Improvements	10,000	0	10,000	
Year Total	10,000	0	10,000	
	<b>10,000</b>	<b>0</b>	<b>10,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Director of Asset Management	



## Project Summary

<b>Project Number:</b>	3970BD2601	
<b>Title:</b>	Burnt Cedar Swimming and Toddler Pool Resurface and Mechanical Improvements	
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities	
<b>Division:</b>	70 - Beach Aquatics	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>				
<p>The Burnt Cedar Swimming Pool and Toddler pool fiberglass surfaces require periodic replacement. Over time, discoloration, cracking and surface failure will create health and safety impacts to continued use of the pools. Breakdown of the pool surface will allow materials to cloud the water and make it unsanitary and the cloudy water is not meeting health dept safety code requirements.</p> <p>Aquatics and Buildings Maintenance Staff have determined that the pool piping is leaking in excess of 20,000 gallons per month. Subsequent leak testing and video inspection have indicated that the pool's main drain piping, skimmer piping, and return lines (which date to the mid-1960s) all have leaks and are at end of life. Replacement of the pool underground piping will be timed to coincide with the scheduled pool resurfacing. Work will involve cutting into both the pool shell and the surrounding pool deck and excavating to replace the underground pipe and fittings.</p> <p>Year 1 will conduct design activities to develop a project approach and will provide an updated construction budget in advance of the 2019/2020 budget cycle.</p>				
<b>Project Internal Staff</b>				
Engineering and Buildings Staff will supervise and inspect contractor installed project.				
<b>Project Justification</b>				
On-going capital maintenance of the pool surfaces is necessary to ensure safe and regulatory compliant swimming facilities at the District.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Design	75,000	0	75,000	
Year Total	75,000	0	75,000	
2020				
Contingency	50,000	0	50,000	
Internal Services	25,000	0	25,000	
Piping and Mechanical Replacements and Improvements	275,000	0	275,000	
Resurface Pool Shell	150,000	0	150,000	
Year Total	500,000	0	500,000	
2027				
Resurface Pool Shell	137,500	0	137,500	
Year Total	137,500	0	137,500	
2034				
Resurface Pool Shell	150,000	0	150,000	
Year Total	150,000	0	150,000	
	<b>862,500</b>	<b>0</b>	<b>862,500</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Director of Asset Management	





## Project Summary

<b>Project Number:</b>	3972BD1301	
<b>Title:</b>	Pavement Maintenance, Ski Beach	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	72 - Beach Maintenance	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>	Continued maintenance and repair of Ski Beach pavement assets, including boat ramp. This site includes approximately 25,000 sf of pavement. Engineering maintains a database for this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs
<b>Project Internal Staff</b>	Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.

<b>Project Justification</b>	Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. This site was slurry sealed in 2014. The pavement is showing signs of old age and scheduled for full replacement in 2023.
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<b>Forecast</b>			
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>
2019			
Crack fill and maintenance	2,500	0	2,500
Internal Services	1,000	0	1,000
Section replacement	10,000	0	10,000
Slurry Seal	20,000	0	20,000
Year Total	33,500	0	33,500
2020			
Crack fill and maintenance	5,000	0	5,000
Internal Services	1,000	0	1,000
Year Total	6,000	0	6,000
2021			
Crack fill and maintenance	5,000	0	5,000
Internal Services	1,000	0	1,000
Year Total	6,000	0	6,000
2022			
Crack fill and maintenance	5,000	0	5,000
Internal Services	1,000	0	1,000
Year Total	6,000	0	6,000

2023			
Crack fill and maintenance	5,000	0	5,000
Internal Services	10,000	0	10,000
Year Total	15,000	0	15,000
2024			
Crack fill and maintenance	5,000	0	5,000
Internal Services	1,000	0	1,000
Reconstruct Pavement	250,000	0	250,000
Year Total	256,000	0	256,000
2025			
Crack fill and maintenance	5,000	0	5,000
Internal Services	1,000	0	1,000
Year Total	6,000	0	6,000
2026			
Crack fill and maintenance	5,000	0	5,000
Internal Services	1,000	0	1,000
Year Total	6,000	0	6,000
2027			
Crack fill and maintenance	5,000	0	5,000
Internal Services	1,000	0	1,000
Year Total	6,000	0	6,000
2029			
Crack fill and maintenance	2,500	0	2,500
Internal Services	2,500	0	2,500
Slurry Seal	7,500	0	7,500
Year Total	12,500	0	12,500
2032			
Crack fill and maintenance	5,000	0	5,000
Internal Services	1,000	0	1,000
Slurry Seal	7,500	0	7,500
Year Total	13,500	0	13,500
	<b>366,500</b>	<b>0</b>	<b>366,500</b>

Year Identified	Start Date	Project Partner	Manager	Est. Completion Date
2012	Jul 1, 2016		Senior Engineer	Jun 30, 2017



## Project Summary

<b>Project Number:</b>	3972BD1501	
<b>Title:</b>	Beaches Flatscape and Retaining Wall Enhancement and Replacement	
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities	
<b>Division:</b>	72 - Beach Maintenance	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	

<b>Project Description</b>				
Wooden retaining walls, curbs, and flatscape are failing across all three beach properties. Additionally portions of the concrete flatscape is cracking and heaving. An outside consultants will determine the type of replacement materials best suited to the locations. Approach will utilize geo-block and pavers whenever possible. Construction will occur over multiple seasons.				
<b>Project Internal Staff</b>				
Engineering and Parks to oversee work.				
<b>Project Justification</b>				
Many of the existing wooden retaining walls and curbs are at the end of their useful lives and are showing signs of failure. Replacement of the wooden and concrete flatwork will not only reduce trip hazards but will also provide a significant aesthetic enhancement to the properties. At Burnt Cedar Beach wooden stairways are slated form replacement in 2018/2019 the ramp to the beach improved in 2019/2020. At Incline/Ski Beach curbing along the north property lines is slated for replacement in 2020/2021. Similarly, additional work along parking lots and north property lines at Burnt Cedar Beach in 2021/2022.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Burnt Cedar Beach stairs	50,000	0	50,000	
Internal Services	5,000	0	5,000	
Year Total	55,000	0	55,000	
2020				
Burnt Cedar Beach - ramp	50,000	0	50,000	
Internal Services	5,000	0	5,000	
Year Total	55,000	0	55,000	
2021				
Incline/Ski Beach- Planters	50,000	0	50,000	
Internal Services	5,000	0	5,000	
Year Total	55,000	0	55,000	
2022				
Burnt Cedar Beach Parking Lots and Property Line	50,000	0	50,000	
Internal Services	5,000	0	5,000	
Year Total	55,000	0	55,000	
	<b>220,000</b>	<b>0</b>	<b>220,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2014	Jul 1, 2016		Parks Superintendent	Jun 30, 2017



## Project Summary

<b>Project Number:</b>	3972BD1707		
<b>Title:</b>	Burnt Cedar Dumpster enclosure		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	72 - Beach Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Replacement of the existing dumpster enclosure				
<b>Project Internal Staff</b>				
Parks Superintendent				
<b>Project Justification</b>				
The current dumpster enclosure is built out of wood and is frequently damaged during normal operations and trash removal. IVGID standards state that dumpster enclosures must be built out of metal or stone. This project will bring the enclosure up to standard and save the cost of frequent repairs, and having to stain the wood. The enhancement to the enclosure will also be an additional place for a recycling dumpster, as well as allowing the trash dumpster to be increased from a 4-yard unit to a 6-yard dumpster. This will make Parks staff more efficient at collecting and improve recycling efforts.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Dumpster Enclosure	10,000	0	10,000	
Year Total	10,000	0	10,000	
2021				
Dumpster Enclosure	35,000	0	35,000	
Year Total	35,000	0	35,000	
	<b>45,000</b>	<b>0</b>	<b>45,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Senior Engineer	



## Project Summary

<b>Project Number:</b>	3972FF1704	
<b>Title:</b>	Beach Furnishings	
<b>Asset Class:</b>	G - Equipment & Software	
<b>Division:</b>	72 - Beach Maintenance	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	FF - Furniture and Fixtures	

<b>Project Description</b>				
Replace park benches, bear boxes, and picnic tables as the useful life is reached. This is the annual routine replacement cycle for a collection of bear boxes, benches, and barbeques, beach chairs and picnic tables.				
<b>Project Internal Staff</b>				
Parks Superintendent				
<b>Project Justification</b>				
Useful life of some of these items has been reached and they are scheduled for replacement. Currently plastic tables are being used at Burnt Cedar for the snack bar area and pool deck. These plastic tables are easily damaged and do not meet the standard for providing a positive experience at the facility. They also do not meet our standards for being secure, level, stable surface for children and adults. Some of the new tables will meet standards for wheelchair accessibility. Each year from our pool of lounge chairs we have to remove about five from service for damage. Currently we repair broken straps on the old chairs each year as well. Chairs are on a five- year replacement plan. Each year parks borrows 15- 20 circular metal tables from the Ski Area. We see the possibility in the coming future with the Ski Area needing these tables during their summer operations. We look to include these 15 additional tables in the snack bar area at Incline Beach, at the east side barbeque areas, and Ski Beach barbeque areas. Some of our tables at the beach have also met their useful life and cannot be repaired. These are an older style (Treks plastic) and are being phased out as they exceed the expected lifespan. They are not handicap accessible and aren't up to the current standard of an all metal green coated tables. Bears are very active in our area and love to try and retrieve garbage out of the bear boxes at the beach. Some of the current bear boxes have been in service for 10 years now are coming to the end of their useful life span. The useful life of our park barbeques is around ten years.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
120 Chaise Lounges & 40 Sand Chairs	24,000	0	24,000	
6 Standard Tables	8,400	0	8,400	
Deck Furniture - Burnt Cedar Beach	26,000	0	26,000	
Year Total	58,400	0	58,400	
2021				
15 BBQ Units	7,000	0	7,000	
Year Total	7,000	0	7,000	
2022				
15 double bear boxes	21,000	0	21,000	
Year Total	21,000	0	21,000	
	<b>86,400</b>	<b>0</b>	<b>86,400</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016			Parks Superintendent	



## Project Summary

<b>Project Number:</b>	3972LI1201	
<b>Title:</b>	Pavement Maintenance, Incline Beach	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	72 - Beach Maintenance	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

<b>Project Description</b>	Continued maintenance and repair of Incline Beach. Ski Beach has a separate data sheet. This area includes approximately 30,000 sf of pavement. Engineering maintains a database on this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs.
<b>Project Internal Staff</b>	Engineering to perform design, bid, contract administration and inspection tasks. Work to be done by outside contractor.
<b>Project Justification</b>	Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. These sites were slurry sealed in 2014.



<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Crack fill and Maintenance	5,000	0	5,000	
Internal Services	1,500	0	1,500	
Slurry Seal	20,000	0	20,000	
Year Total	26,500	0	26,500	
2021				
Crack fill and Maintenance	5,000	0	5,000	
Internal Services	1,500	0	1,500	
Year Total	6,500	0	6,500	
2022				
Crack fill and Maintenance	5,000	0	5,000	
Year Total	5,000	0	5,000	
2023				
Crack fill and Maintenance	6,000	0	6,000	
Internal Services	1,500	0	1,500	
Year Total	7,500	0	7,500	
2024				
Internal Services	1,500	0	1,500	
Slurry Seal	15,000	0	15,000	
Year Total	16,500	0	16,500	
2027				
Internal Services	10,000	0	10,000	
Reconstruct Incline Beach	300,000	0	300,000	
Year Total	310,000	0	310,000	
2029				
Crack fill and Maintenance	5,000	0	5,000	
Internal Services	2,500	0	2,500	
Year Total	7,500	0	7,500	
2032				
Crack fill and Maintenance	5,000	0	5,000	
Internal Services	1,500	0	1,500	
Slurry Seal	15,000	0	15,000	
Year Total	21,500	0	21,500	
	<b>401,000</b>	<b>0</b>	<b>401,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Senior Engineer	



## Project Summary

<b>Project Number:</b>	3972LI1202	
<b>Title:</b>	Pavement Maintenance, Burnt Cedar Beach	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	72 - Beach Maintenance	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	LI - Land Improvements	

### Project Description

Continued maintenance and repair of Burnt Cedar Beach pavement assets. Site includes approximately 80,000 sf of pavement. Engineering maintains a database for for this and other facilities for pavement condition, past projects and forecasts long-term maintenance and replacement needs.

### Project Internal Staff

Engineering to perform design, bid, contract administration and inspection tasks. Outside contractor to do the work.

### Project Justification

Regular preventative maintenance of pavement significantly increases the life of a facility and defers the timeline for which wholesale replacement is required. Once pavement has reached its expected lifespan and begins to fail, major rehabilitation is required. Tahoe's freeze/thaw climate and snow removal operations accelerate deterioration. Site partially resurfaced in 2013 and slurry sealed.

<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Crack fill and Maintenance	10,000	0	10,000	
Internal Services	2,500	0	2,500	
Section Replacement	10,000	0	10,000	
Slurry Seal	50,000	0	50,000	
Year Total	72,500	0	72,500	
2020				
Internal Services	1,000	0	1,000	
Year Total	1,000	0	1,000	
2021				
Crack fill and Maintenance	5,000	0	5,000	
Internal Services	1,000	0	1,000	
Year Total	6,000	0	6,000	
2022				
Crack fill and Maintenance	15,000	0	15,000	
Internal Services	2,500	0	2,500	
Year Total	17,500	0	17,500	
2023				
Engineering Services	7,500	0	7,500	
Year Total	7,500	0	7,500	
2024				
Internal Services	10,000	0	10,000	
Reconstruct	300,000	0	300,000	
Year Total	310,000	0	310,000	
2025				
Internal Services	5,000	0	5,000	
Reconstruct	300,000	0	300,000	
Year Total	305,000	0	305,000	
2029				
Internal Services	2,500	0	2,500	
Slurry Seal	30,000	0	30,000	
Year Total	32,500	0	32,500	
2034				
Crack fill and Maintenance	5,000	0	5,000	
Slurry Seal	30,000	0	30,000	
Year Total	35,000	0	35,000	
	<b>787,000</b>	<b>0</b>	<b>787,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Senior Engineer	



## Project Summary

<b>Project Number:</b>	3972LI1801		
<b>Title:</b>	Kayak and Paddle Board Rack Enhancements		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	72 - Beach Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	LI - Land Improvements		

<b>Project Description</b>					
This project address on-going capital maintenance and enhancement of the District's kayak storage facilities.					
<b>Project Internal Staff</b>					
Parks Superintendent, Engineering					
<b>Project Justification</b>					
Community demand of kayak and paddle board storage continues to outstrip availability of racks. Following tree thinning in co-ordination with TRPA, there remains some limited room for expansion at Ski Beach and Hermit Beach. Additionally, there is the possibility for placement of racks at Burnt Cedar pending on-going coordination with adjacent property owners as well as some limited grading improvements to facilitate lake access/ingress/egress.					
<b>Forecast</b>					
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>		
2019					
Additional Kayak and Paddle Board Rack Storage	30,000	0	30,000		
Year Total	30,000	0	30,000		
	<b>30,000</b>	<b>0</b>	<b>30,000</b>		
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>	
2016	Jul 1, 2016		Parks Superintendent	Oct 15, 2017	



## Project Summary

<b>Project Number:</b>	3972RS1701		
<b>Title:</b>	Replace Playgrounds		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	72 - Beach Maintenance		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	RS - Recreation System		

<b>Project Description</b>				
Replace playgrounds at Incline Beach and Burnt Cedar Beach as part of the on-going capital maintenance and replacement of the District's Beach assets and infrastructure. This work will be completed based on inspection and evaluation of the condition of the existing facilities.				
<b>Project Internal Staff</b>				
Buildings and Parks Staff will supervise, help with installation and inspect project, including excavation, installation of drainage and fall material and installation of play equipment.				
<b>Project Justification</b>				
Condition driven replacement of playgrounds will provide an established safe area for children to play.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2021				
Design	30,000	0	30,000	
Year Total	30,000	0	30,000	
2022				
Replace playground Incline Beach	100,000	0	100,000	
Year Total	100,000	0	100,000	
2023				
Replace Playground Burnt Cedar Beach	100,000	0	100,000	
Year Total	100,000	0	100,000	
	<b>230,000</b>	<b>0</b>	<b>230,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Principal Engineer	



## Project Summary

<b>Project Number:</b>	3973FF1204		
<b>Title:</b>	Incline Beach Kitchen		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	38 - Beach Food and Beverage		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	FF - Furniture and Fixtures		

<b>Project Description</b>				
Staff has made an assessment of each major element of the Kitchen equipment. Based on estimated useful lives and knowledge of the performance of the current equipment, a replacement schedule has been developed and restated below.				
<b>Project Internal Staff</b>				
<b>Project Justification</b>				
Items presented are replacement of the same item as presently in service. There are no changes to capacities. However, properly performing equipment is essential to maintaining health and safety standards as well as serving customers timely and with a quality product. The equipment has lived out its life cycle				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Dishwashing machine	7,260	0	7,260	
Year Total	7,260	0	7,260	
	<b>7,260</b>	<b>0</b>	<b>7,260</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Food and Beverage Director	



## Project Summary

<b>Project Number:</b>	3974FF1101		
<b>Title:</b>	Burnt Cedar Beach Kitchen		
<b>Asset Class:</b>	G - Equipment & Software		
<b>Division:</b>	39 - Burnt Cedar Fd & Bev		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	FF - Furniture and Fixtures		

<b>Project Description</b>				
Staff has made an assessment of each major element of the Kitchen equipment. Based on estimated useful lives and knowledge of the performance of the current equipment, a replacement schedule has been developed reflected below.				
<b>Project Internal Staff</b>				
Chef will receive equipment, set up and install with delivery person.				
<b>Project Justification</b>				
Items presented are replacement of the same item as presently in service. There are no changes to capacities. However, properly performing equipment is essential to maintaining health and safety standards as well as serving customers timely and with a quality product.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2022				
Dishwasher under counter	6,800	0	6,800	
Year Total	6,800	0	6,800	
	<b>6,800</b>	<b>0</b>	<b>6,800</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2012			Food and Beverage Director	



## Project Summary

<b>Project Number:</b>	3999BD1702	
<b>Title:</b>	Resurface Burnt Cedar Pool Patio Deck	
<b>Asset Class:</b>	E - Capital Maintenance	
<b>Division:</b>	99 - General Administration - Beach	
<b>Budget Year:</b>	2019	
<b>Scenario Name:</b>	Main	<b>Active:</b> Yes
<b>Budget Status:</b>	Data Entry	
<b>Locations:</b>		
<b>Project Something:</b>	BD - Buildings & Structures	



<b>Project Description</b>				
The Burnt Cedar Pool facility was refinished and sealed in the spring of 2011. This project represents the normal cycle for deck resealing. The deck and patio will be monitored by Staff to determine the exact scheduling of the project.				
<b>Project Internal Staff</b>				
Buildings Staff will supervise and inspect contractor installation project.				
<b>Project Justification</b>				
The general purpose of this project is to improve our facilities through required maintenance and remodel improvements that directly or indirectly reflect on our guest experience. This project is designed primarily to maintain the value of the Burnt Cedar Beach asset and customer service.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2020				
Contingency	4,600	0	4,600	
Deck reseal	23,000	0	23,000	
Internal Services	1,500	0	1,500	
Year Total	29,100	0	29,100	
2025				
Contingency	2,200	0	2,200	
Deck reseal	17,500	0	17,500	
Internal Services	1,500	0	1,500	
Year Total	21,200	0	21,200	
2029				
Contingency	2,000	0	2,000	
Deck reseal	16,500	0	16,500	
Internal Services	1,750	0	1,750	
Year Total	20,250	0	20,250	
2035				
Contingency	2,500	0	2,500	
Deck reseal	18,000	0	18,000	
Internal Services	2,000	0	2,000	
Year Total	22,500	0	22,500	
	<b>93,050</b>	<b>0</b>	<b>93,050</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2013			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	3999BD1708		
<b>Title:</b>	Ski Beach Bridge Replacement		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - General Administration - Beach		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Replacement of the two bridges that provide access to Incline Beach, Ski Beach and Hermit Beach				
<b>Project Internal Staff</b>				
Parks Superintendent				
<b>Project Justification</b>				
The two bridges at the 960 Lakeshore (Ski & Incline Beach) lot receive a lot of use. They have been repeatedly repaired by IVGID staff throughout the years. The "rainbow" bridge between Incline Beach and Ski Beach serves to allow customer to cross between the two beaches and provides access for utility vehicles to go between without interfering with traffic on Lakeshore. The rainbow bridge does not meet ADA slope standards; the rise and run are too steep to facilitate easy access by a wheel chair. The Washoe County pathway bridge has bollards that do not allow for small vehicle use. The rainbow bridge does not meet ADA slope standards; the rise and run are too steep to facilitate easy access by a wheel chair. The bridge between Ski Beach and Hermit Beach is worn and is starting to deteriorate. Repairs have been made to support the handrails and bridge treads, the end of this bridges life has been met. Each new bridges cost is estimated at \$60,000.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
Bridge Replacement	120,000	0	120,000	
Year Total	120,000	0	120,000	
	<b>120,000</b>	<b>0</b>	<b>120,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2017			Senior Engineer	



## Project Summary

<b>Project Number:</b>	3999BD1802		
<b>Title:</b>	Fall protection for Beach Venues		
<b>Asset Class:</b>	D - Capital Improvement - Existing Facilities		
<b>Division:</b>	99 - General Administration - Beach		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	BD - Buildings & Structures		

<b>Project Description</b>				
Fall protection including engineered tie off points and appropriate harnesses etc. Outside contractor and engineer, in this field of expertise, will administer project.				
<b>Project Internal Staff</b>				
Buildings				
<b>Project Justification</b>				
Prompted by concerns from District Safety Specialist to update our current fall protection on Beach venues that are over ten feet. The Burnt Cedar Beach Pool Building has been identified because it has equipment that requires maintenance and therefore mandatory access to roof by buildings staff.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2019				
Contingency	2,000	0	2,000	
design and engineering	2,000	0	2,000	
Fall protection for Beach Venues	7,600	0	7,600	
Internal Services	400	0	400	
Year Total	12,000	0	12,000	
	<b>12,000</b>	<b>0</b>	<b>12,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2018			Buildings Superintendent	



## Project Summary

<b>Project Number:</b>	3999DI1706		
<b>Title:</b>	Burnt Cedar Beach Backflow Device Replacement		
<b>Asset Class:</b>	E - Capital Maintenance		
<b>Division:</b>	99 - General Administration - Beach		
<b>Budget Year:</b>	2019		
<b>Scenario Name:</b>	Main	<b>Active:</b>	Yes
<b>Budget Status:</b>	Data Entry		
<b>Locations:</b>			
<b>Project Something:</b>	DI - Distribution Infrastructure		

<b>Project Description</b>				
This project will replace the failing and non-compliant 6-inch double check backflow device at Burnt Cedar Beach with a new reduced pressure zone assembly. Doing so replaces a failed piece of critical infrastructure and brings the entire assembly into compliance with the requirements of the most recent edition of the Uniform Plumbing Code. In order to complete the work, the piping must be reconfigured to remove the existing device from an underground vault and move the assembly to an above ground location as reduced pressure zone assemblies must be installed above ground.				
<b>Project Internal Staff</b>				
The project will be overseen by the District's Engineering Division with support from the Utilities Compliance Division.				
<b>Project Justification</b>				
The District maintains an inventory of backflow devices (13 total devices ranging in size from 1-inch to 6-inches) on all District owned irrigation systems. Backflow devices are required on irrigation systems by the Uniform Plumbing Code, the State of Nevada Administrative Code, and the District's Water Ordinance in order to protect the potable water system from contamination introduced via back siphoning from the irrigation system. These devices must be tested annually and are repaired as needed. Occasionally a backflow device cannot be repaired and must be replaced due to condition or availability of parts.				
<b>Forecast</b>				
<b>Budget Year</b>	<b>Total Expense</b>	<b>Total Revenue</b>	<b>Difference</b>	
2023				
Backflow Device	6,000	0	6,000	
Construction and Installation	35,000	0	35,000	
Internal Services	4,000	0	4,000	
Year Total	45,000	0	45,000	
	<b>45,000</b>	<b>0</b>	<b>45,000</b>	
<b>Year Identified</b>	<b>Start Date</b>	<b>Project Partner</b>	<b>Manager</b>	<b>Est. Completion Date</b>
2016			Director of Asset Management	

