

City of Sparks

Five Year Capital Improvement Plan 2019/20- 2023/24

Project # Project Description	FY19 Budgeted	FY19 Estimated Actuals	FY20	FY21	FY22	FY23	FY24
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ROAD FUND (1401): Transportation Systems, Road Improvements and related road maintenance projects

Capital Resources							
Funding Available from Prior Year			490,209	186,094	347,942	380,469	318,305
Fuel Tax Revenues			2,869,679	2,927,072	2,985,614	3,045,326	3,106,233
TMWA MUA Revenue			645,200	658,104	671,266	684,691	698,385
Electric and Gas Franchise Fees			2,090,478	2,132,288	2,174,933	2,218,432	2,262,801
Miscellaneous. Revenue/Expenses			8,400	25,000	25,000	25,000	25,000
Developer Contribution for Windsurfer Drive Improvements			236,660				
Less Road Maintenance Personnel			(2,443,713)	(2,517,024)	(2,592,535)	(2,670,311)	(2,750,420)
Total Available For Road Projects			3,896,912	3,411,534	3,612,220	3,683,608	3,660,303

PAVEMENT MANAGEMENT PROGRAM

Planned Capital Improvements							
Street Improvement & Equipment - Corrective / Rehabilitation							
20-0500 Street Improvements - Corrective and Rehab (see "2018 Rehab" map)	2,561,950	2,561,492	1,680,000	1,400,000	1,530,000	1,650,000	1,900,000
20-0501 Sidewalk Rehabilitation	200,000	199,100	400,000	400,000	400,000	400,000	400,000
20-0502 Alley, Parking Lot and Pathway - Rehab	200,000	199,043	200,000	200,000	200,000	200,000	200,000
20-0503 Windsurfer Drive Improvements			350,000				
Concrete Grinder for Sidewalks			30,000				
Annual Recurring Capital Projects and Maintenance / Materials							
20-0591 Street and Alley Surfaces - Preventative (see "2018 Prev" map)	375,000	373,892	375,000	375,000	400,000	400,000	425,000
20-0592 Annual Pavement Management Program Support:	100,000	98,797	100,000	100,000	100,000	100,000	100,000
Design/Geotechnical Support							
RTC- 2011-12 / 2015-16 Fuel TAX Supported Roadway Projects and NDOT							
Enhancement Supported Projects							
Real Property / Right of Way Services							
20-0593 Annual Street Surface Maintenance and Materials for:	284,792	279,508	293,336	302,136	311,200	320,536	330,152
Crack Seal and Road Surfacing							
Sub-total	3,721,742	3,711,832	3,428,336	2,777,136	2,941,200	3,070,536	3,355,152

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TRAFFIC PROGRAM							
<i>Planned Capital Improvements</i>							
<i>Annual Recurring Capital Projects and Maintenance/Supplies</i>							
20-0693 Traffic Signs and Paint	128,623	126,849	132,482	136,456	140,550	144,767	149,110
Line Laser for Traffic Paint and Signs							
Traffic Paint Materials							
Street Signs							
20-0690 Traffic Safety	50,000	47,500	50,000	50,000	50,000	50,000	50,000
Safe Route To School Plan Updates							
City-wide Signal Coordination/Capacity Improvements							
Traffic Calming Enhancements							
20-0691 Electrical System Upgrades	50,000	45,200	50,000	50,000	50,000	50,000	50,000
Traffic Signal Detection Upgrades							
Traffic Signal Conflict Monitor Replacement Projects							
Traffic Computer Maintenance and Upgrades							
Traffic Signal LED Replacement Program							
Contracting Services - Street Sign and Traffic Signal Electrical							
20-0692 MUTCD Sign Compliance Requirements Program	50,000	50,000	50,000	50,000	50,000	50,000	50,000
FY19 Budgeted Projects							
Sub-total	278,623	269,549	282,482	286,456	290,550	294,767	299,110
TOTAL ROAD FUND PROJECTS	4,000,365	3,981,381	3,710,818	3,063,593	3,231,750	3,365,303	3,654,262

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CAPITAL PROJECTS FUND (1404): Acquisition and construction of fixed assets and rehabilitation of capital facilities.

1404A - Capital Resources							
Funding Available from Prior Year			221,158	120,558	6,058	485,268	59,949
General Fund Transfer for Public Works Projects			1,900,000	1,957,000	2,015,710	2,076,181	2,138,467
Unspent Bond Proceeds Dedicated to Debt Service			0	0	0	0	0
Miscellaneous Revenue/Expenses			4,400	8,500	8,500	8,500	8,500
Total Available For Capital Projects			2,125,558	2,086,058	2,030,268	2,569,949	2,206,916

CITY FACILITIES & EQUIPMENT

Planned Capital Improvements

Maintenance Admin - Window Replacement	30,000						
Maintenance Yard Building Exterior Painting Project	165,000						
Maintenance Garage East Parking Lot Reconstruction - Phase 2	350,000						
Fire Station #1 - Cooling Tower/Boiler Piping Improvements	70,000						
Fire Station #2 - Dorm Room/Restroom Remodel and Carpet Replacement	225,000						
City Hall IT Remodel	95,000						
City Hall Cooling Tower Ductwork Replacement	70,000						
City Hall Lift Station Upgrade	30,000						
City Hall Finance Restroom ADA Upgrades	85,000						
City Hall VHF and 800 Mhz Radio Improvements	115,000						
Police Dept.- Dispatch Expansion Project	250,000						
Alf Water Heater Replacement	35,000						
Marina North End Irrigation Pump Inlet Replacement	75,000						
Maintenance Garage Replacement of Two Vehicle Lifts	45,000						
Fuel Management System for Police	85,000						
Deer Pool - Boiler and Water Heater Replacement				225,000			
Police Dept.- Records Area Remodel				30,000			
Police Dept. - HVAC System Boiler/Chiller Replacement Project				1,450,000			
City Hall Legislative Bldg Chair Replacement				50,000			
Fire Station #1 - 3rd Floor and Basement Carpet Replacement				45,000			
Police Dept. - Maintenance Garage Heater Replacement					35,000		
Maintenance Vehicle Storage Heater Replacement					40,000		
Richards Way North Bathroom ADA Upgrades					115,000		
Maintenance Garage Electrical Upgrade Project					300,000		
Fire Station #1 - Additional Turnout Washer and Dryer System					25,000		
Maintenance Yard West Vehicle Storage Building Enclosure					400,000		
Alf Sorensen Boiler Replacement Project					350,000		
Maintenance Yard Bull Pen Ventilation Improvement Project						380,000	
Fire Station #1 - Heat Pump/Boiler Replacement and Chiller Installation						1,850,000	
Shadow Mountain Barn Replacement Project							100,000

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Police Dept.- Parking Lot Paving Project Unimproved Area							250,000
Police Dept.- Enclose Atrium for Additional Office Space							500,000
Fire Station #1 - East Side Concrete Apron Replacement							75,000
Sub-total	0	0	1,725,000	1,800,000	1,265,000	2,230,000	925,000
Annual Recurring Capital Projects and Maintenance/Supplies							
20-1090 Annual City-wide Facility Improvements	100,000	95,000	100,000	100,000	100,000	100,000	100,000
20-1091 City Lighting Energy Retrofits	20,000	19,000	25,000	25,000	25,000	25,000	25,000
20-1092 Annual Maintenance Contract for Photovoltaic Systems	15,000	15,000	15,000	15,000	15,000	15,000	15,000
20-1093 City Facilities ADA Mitigation Improvements	20,000	19,495	20,000	20,000	20,000	20,000	20,000
20-1094 Annual City-wide Elevator Retrofit and Upgrades	60,000	60,000	100,000	100,000	100,000	100,000	100,000
20-1095 Annual City-wide Door Replacement Project	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Sub-total	235,000	228,495	280,000	280,000	280,000	280,000	280,000
TOTAL 1404A - CAPITAL PROJECTS	235,000	228,495	2,005,000	2,080,000	1,545,000	2,510,000	1,205,000
1404B - Capital Resources - IT Sustainability Plan #1 - Hardware (Tech Refresh)							
Funding Available from Prior Year			92,134	104,176	13,548	6,220	3,760
General Fund transfer - Marijuana Licensing Fees are the designated resource in FY20			483,842	430,252	60,412	28,640	
Total Available For Capital Projects			575,976	534,428	73,960	34,860	3,760
Annual Recurring Capital Projects and Maintenance/Supplies							
080730 IT Sustainability Plan (City's Wildly Important Goal WIG) - HARDWARE	462,660	450,000	471,800	520,880	67,740	31,100	18,800
Sub-total	462,660	450,000	471,800	520,880	67,740	31,100	18,800
TOTAL 1404B - CAPITAL PROJECTS - IT Sustainability Plan #1			471,800	520,880	67,740	31,100	18,800

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1404C - Capital Resources - IT Sustainability Plan #2 - Software (Major Systems)							
Funding Available from Prior Year			123,599	56,999	44,999	24,999	73,999
General Fund transfer - Marijuana Licensing Fees are the designated resource in FY20			433,400	273,000	205,000	174,000	296,000
Total Available For Capital Projects			556,999	329,999	249,999	198,999	369,999
Annual Recurring Capital Projects and Maintenance/Supplies							
080731 IT Sustainability Plan (City's Wildly Important Goal WIG) - SOFTWARE	410,000	405,000	500,000	285,000	225,000	125,000	370,000
Sub-total	410,000	405,000	500,000	285,000	225,000	125,000	370,000
1404C - TOTAL CAPITAL PROJECTS - IT Sustainability Plan #2	410,000	405,000	500,000	285,000	225,000	125,000	370,000
TOTAL CAPITAL PROJECTS FUND 1404 (Including Part A, B, and C)			2,976,800	2,885,880	1,837,740	2,666,100	1,593,800

CAPITAL FACILITIES FUND (1405): Acquisition of land, improvements to land, purchase of major equipment, renovations to government facilities and repayment of short term financing for these activities.

Capital Resources							
Funding Available from Prior Year			239,539	304,239	358,159	518,683	683,598
Ad Valorem Taxes designated for Capital Projects per NRS 354.59815 and 354.598155			211,000	215,220	219,524	223,915	228,393
Miscellaneous Revenue/Expenses			3,700	3,700	1,000	1,000	1,000
Total Available For Capital Projects			454,239	523,159	578,683	743,598	912,991

CAPITAL FACILITIES PROJECTS

Planned Capital Improvements

20-1501 City-wide Re-Keying/Security Improvements			100,000	100,000			
City Hall HR Carpet Replacement			20,000				
Fire Station #5 - Apparatus Bay Door Replacement			30,000				
Fire Station #2 - Restroom Remodel				65,000			
Maintenance Yard Bull Pen Ventilation Improvement Project					50,000		
Fire Station #3 - Remodel Shower Stalls					10,000		
Fire Station #1 - Ceiling Fans for Apparatus Bays						60,000	
Sub-total	0	0	150,000	165,000	60,000	60,000	0
TOTAL CAPITAL PROJECTS - CAPITAL FACILITIES			150,000	165,000	60,000	60,000	0

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PARKS AND RECREATION PROJECTS (1402): Park Improvement Projects, including Sparks Marina.

Capital Resources

Funding Available from Prior Year			193,862	25,685	(159,832)	153,832	230,194
Electric and Gas Franchise Fees			1,045,227	1,066,132	1,087,454	1,109,203	1,131,387
Miscellaneous Revenue/Expenses			1,700	1,734	1,769	1,804	1,840
Less Park and Recreation Personnel			(442,604)	(455,882)	(469,559)	(483,646)	(498,155)
Total Available For Capital Projects			798,185	637,668	459,832	781,194	865,266

PARKS AND RECREATION PROJECTS

Planned Capital Improvements

Marina - All Abilities Playground			550,000				
Marina Wall Rehab South				400,000			
Marina Drainage and Sitting Steps at Volleyball Courts				150,000			
Alf Carpet Replacement				25,000			
LDJ Interior Paint and Wainscoting					30,000		
Recreation Gym Interior Paint					25,000		
Pah Rah Park Additional Parking						300,000	
Rock Park Additional Parking							500,000
Richards Way Gym Floor Repair/Replacement							60,000
Wedekind Park - Pave Parking Lot							400,000
Sub-total	0	0	550,000	575,000	55,000	300,000	960,000

Annual Recurring Capital Projects and Maintenance/Supplies

20-1690 Bike Path Rehabilitation	100,000	98,700	100,000	100,000	120,000	120,000	120,000
20-1691 Annual Sports Court Rehabilitation Project	22,500	21,000	22,500	22,500	22,500	22,500	22,500
20-1692 Nursery Re-Stock	10,000	10,000	7,000	7,000	10,000	10,000	10,000
20-1693 Sports Fields Grass Turf Replacement	17,500	16,000	18,000	18,000	18,500	18,500	18,500
20-1694 Marina Park Landscape, Path Modifications, and Upgrades	25,000	25,000	25,000	25,000	25,000	25,000	25,000
20-1695 Annual Park Facilities Improvements	45,000	43,000	50,000	50,000	55,000	55,000	55,000
Sub-total	220,000	213,700	222,500	222,500	251,000	251,000	251,000

TOTAL CAPITAL PROJECTS PARKS AND RECREATION	220,000	213,700	772,500	797,500	306,000	551,000	1,211,000
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Capital Resources - Golden Eagle Regional Park							
Funding Available from Prior Year			217,471	499,762	559,681	1,008,242	535,403
Electric and Gas Franchise Fees			0	0	0	0	0
General Fund Transfer - Marijuana Licensing Fees are the designated resource in FY20			882,758	800,000	800,000	800,000	800,000
GERP Facility Rentals, Sponsorship, Advertising, and Lighting Revenue			189,700	189,700	189,700	189,700	189,700
GERP Concession Franchise Fee and Park Fees			100,000	100,000	100,000	100,000	100,000
Miscellaneous Revenue			13,800	505	505	505	505
Less Golden Eagle Regional Park Operations			(43,967)	(45,286)	(46,644)	(48,044)	(49,485)
Total Available For Capital Projects			1,359,762	1,544,681	1,603,242	2,050,403	1,576,123
GOLDEN EAGLE REGIONAL PARK PROJECTS							
Planned Capital Improvements							
Synthetic Turf Replacement - Field 10 - 15 (Infields)			700,000				
Batting Cage Installation Project			50,000				
Synthetic Turf Replacement - Field 9 (Complete)				875,000			
Synthetic Turf Replacement - Field 5, and 6 (Infields)					480,000		
Synthetic Turf Replacement - Field 10, 13, 14 (Outfields)						1,400,000	
Synthetic Turf Replacement - Field 5 and 6 (Outfields)							980,000
Annual Recurring Capital Projects and Maintenance/Supplies							
20-1790 Annual GERP Site and Facilities Improvements	25,000	24,300	30,000	30,000	35,000	35,000	35,000
20-1791 Annual Turf Maintenance Contract	80,000	72,000	80,000	80,000	80,000	80,000	80,000
Sub-total	105,000	96,300	860,000	985,000	595,000	1,515,000	1,095,000
TOTAL CAPITAL PROJECTS - GERP	105,000	96,300	860,000	985,000	595,000	1,515,000	1,095,000
TOTAL PARKS AND REC PROJECTS FUND 1402	325,000	310,000	1,632,500	1,782,500	901,000	2,066,000	2,306,000

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PARK CONSTRUCTION TAX DIST #1 (1406): Construction of new park facilities located in Park District #1.

Capital Resources

Funding Available from Prior Year			872,284	778,184	459,202	485,202	511,202
Budgeted Residential Park Construction Tax			310,000	75,000	75,000	75,000	75,000
Miscellaneous Revenue/Expenses			5,900	6,018	1,000	1,000	1,000
Total Available For Neighborhood Parks			1,188,184	859,202	535,202	561,202	587,202

PARK DISTRICT #1 PROJECTS

Planned Capital Improvements

Poulakidas Play Structure Replacement			135,000				
Burgess Park Tennis Court Surface Replacement			225,000				
Oppio Tennis Court Surface Replacement				225,000			
Village Green Play Structure Replacement				125,000			

Annual Recurring Capital Projects and Maintenance/Supplies

20-1890 Annual Park District 1 Improvements	50,000	35,000	50,000	50,000	50,000	50,000	50,000
Sub-total	50,000	35,000	410,000	400,000	50,000	50,000	50,000

TOTAL CAPITAL PROJECTS - PARK DISTRICT #1	50,000	35,000	410,000	400,000	50,000	50,000	50,000
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PARK CONSTRUCTION TAX DIST #2 (1407): Construction of new park facilities located in Park District #2.

Capital Resources

Funding Available from Prior Year			554,445	352,445	425,605	495,450	565,295
Budgeted Residential Park Construction Tax			200,000	165,000	165,000	165,000	165,000
Miscellaneous Revenue/Expenses			8,000	8,160	4,845	4,845	4,845
Total Available For Neighborhood Parks			762,445	525,605	595,450	665,295	735,140

PARK DISTRICT #2 PROJECTS

Planned Capital Improvements

Pah Rah Dog Park			35,000				
Pah Rah Playground Turf Replacement with Tiles			275,000				

Park District #2 Park Improvement Projects

20-1990 Annual Park District 2 Improvements	225,000	160,000	100,000	100,000	100,000	100,000	100,000
Sub-total	225,000	160,000	410,000	100,000	100,000	100,000	100,000

TOTAL CAPITAL PROJECTS - PARK DISTRICT #2	225,000	160,000	410,000	100,000	100,000	100,000	100,000
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PARK CONSTRUCTION TAX DIST #3 (1408): Construction of new park facilities located in Park District #3.

Capital Resources

Funding Available from Prior Year			323,222	42,322	76,604	266,604	456,604
Budgeted Residential Park Construction Tax			225,000	225,000	225,000	225,000	225,000
Miscellaneous Revenue/Expenses			9,100	9,282	15,000	15,000	15,000
Total Available For Neighborhood Parks			557,322	276,604	316,604	506,604	696,604

PARK DISTRICT #3 PROJECTS

Planned Capital Improvements

Black Hills Park			450,000				
Del Cobre Landscaping			15,000				
Bodega Park Playground Replacement				150,000			

Annual Recurring Capital Projects and Maintenance/Supplies

20-2090 Annual Park District 3 Improvements	25,000	14,000	50,000	50,000	50,000	50,000	50,000
Sub-total	25,000	14,000	515,000	200,000	50,000	50,000	50,000

TOTAL CAPITAL PROJECTS - PARK DISTRICT #3	25,000	14,000	515,000	200,000	50,000	50,000	50,000
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VICTORIAN SQUARE ROOM TAX (1415): Capital projects and land acquisitions in the Victorian Square.

Capital Resources

Funding Available from Prior Year			4,264,892	4,412,494	4,167,214	4,121,934	4,268,734
Anticipated Victorian Square Room Tax Revenues			1,217,882	975,000	1,025,000	1,075,000	1,125,000
Miscellaneous Revenue/Expenses			21,800	21,800	21,800	21,800	21,800
Total Available For Room Tax Projects			5,504,574	5,409,294	5,214,014	5,218,734	5,415,534

VICTORIAN SQUARE ROOM TAX PROJECTS

Planned Capital Improvements

Victorian Square Infrastructure Improvement Project Section 2			800,000				
Victorian Square Infrastructure Improvement Project Section 3				800,000			
Victorian Square Infrastructure Improvement Project Section 4					800,000		
Victorian Square Infrastructure Improvement Project Section 5						800,000	
Victorian Square Infrastructure Improvement Project Section 6 and 7							600,000
20-2101 Victorian Square Cinema Re-opening Contribution	100,000	100,000	100,000	100,000	100,000	100,000	
Victorian Square Arts and Culture Project				150,000			
Victorian Square Nugget Events Center Contribution	853,760	853,760	142,080	142,080	142,080		
Sub-total	953,760	953,760	1,042,080	1,192,080	1,042,080	900,000	600,000

Annual Recurring Capital Projects and Maintenance/Supplies

20-2190 Victorian Square Development Contribution	50,000	45,000	50,000	50,000	50,000	50,000	50,000
Sub-total	50,000	45,000	50,000	50,000	50,000	50,000	50,000

TOTAL VICTORIAN SQUARE ROOM TAX PROJECTS	1,003,760	998,760	1,092,080	1,242,080	1,092,080	950,000	650,000
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COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) (1203): Projects that benefit low and moderate income people; help to prevent or eliminate slum and blight; or meet an urgent need such as a natural disaster.

Capital Resources							
Funding Available from Prior Year			420,000	420,000	420,000	420,000	420,000
Grant Award			420,000	420,000	420,000	420,000	420,000
Total Available For CDBG Projects			840,000	840,000	840,000	840,000	840,000
COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) PROJECTS							
Planned Capital Improvements							
20-2290 Pedestrian and Street Improvements - Current Five Year Plan is Bound by D Street North to Oddie Blvd and from Rock Blvd East to 12th Street (see "2019 CDBG Pedestrian and Street Improvement" Map)	475,000	475,000	420,000	420,000	420,000	420,000	420,000
Sub-total	475,000	475,000	420,000	420,000	420,000	420,000	420,000
TOTAL CDBG CAPITAL PROJECTS	475,000	475,000	420,000	420,000	420,000	420,000	420,000

MUNICIPAL COURT ADMINISTRATIVE ASSESSMENT FUND (1208): Projects that enhance or support municipal court facilities and operations.

Capital Resources							
Funding Available from Prior Year			182,539	52,539	87,539	122,539	157,539
Admin Assessment Fees per NRS 176.0611			45,000	55,000	55,000	55,000	55,000
Total Available For Muni Court Projects			227,539	107,539	142,539	177,539	212,539
MUNICIPAL COURT ADMIN ASSESSMENT PROJECTS							
Planned Capital Improvements							
Muni-Court Enclosed Parking Lot Rehabilitation			80,000				
Security Camera System Replacement			75,000				
Security Remodel							250,000
Sub-total	0	0	155,000	0	0	0	250,000
Annual Recurring Capital Projects and Maintenance/Supplies							
20-2390 Annual Municipal Court Facility Improvements	20,000	19,500	20,000	20,000	20,000	20,000	20,000
Sub-total	20,000	19,500	20,000	20,000	20,000	20,000	20,000
TOTAL MUNI COURT CAPITAL PROJECTS	20,000	19,500	175,000	20,000	20,000	20,000	270,000

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STREET CUT (1224): Street repairs as a result of street cuts from local vendors.

Capital Resources

Funding Available from Prior Year			458,326	406,618	358,066	312,714	264,305
Street Cut Permits			260,000	265,200	270,504	275,914	281,432
Miscellaneous Revenue/Expenses			6,400	6,400	6,400	100	100
Less Street Cut personnel and operational costs			(68,108)	(70,151)	(72,256)	(74,424)	(76,656)
Total Available For Street Cut Projects			656,618	608,066	562,714	514,305	469,181

STREET CUT PROJECTS

Annual Recurring Capital Projects and Maintenance/Supplies

20-2490 Street Cut Repair Contract	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Sub-total	250,000	250,000	250,000	250,000	250,000	250,000	250,000
TOTAL STREET CUT PROJECTS	250,000	250,000	250,000	250,000	250,000	250,000	250,000

SPARKS UTILITIES (1600's): Sanitary sewer, storm drain, and effluent projects

Capital Resources

Capital Funding Available from Prior Year			15,133,079	12,148,767	12,058,696	9,212,893	9,070
Connection Fees			3,829,484	3,900,000	3,900,000	3,900,000	3,900,000
Sun Valley TMWRF capital contributions			543,652	906,825	946,011	819,599	603,352
Miscellaneous Revenue			345,625	310,000	310,000	310,000	310,000
System Reinvestment Transfer from Operating			7,100,000	7,242,000	7,386,840	7,534,577	7,685,268
Operational Efficiency Projects paid for out of Operating Funds			1,256,581	670,064	675,397	837,893	686,690
Sparks share of TMWRF staff capital (capital budget in fund 5605)			(408,594)	(627,400)	(627,400)	(627,400)	(627,400)
Debt Service			(4,242,384)	(4,064,693)	(3,855,794)	(3,438,383)	(2,864,971)
FY20 New Need equipment purchases			(1,221,780)				
Total Resources Available for Utilities Projects			22,335,662	20,485,562	20,793,749	18,549,179	9,702,009

SEWER PROJECTS

EXPANSION / REHABILITATION OF SEWER INFRASTRUCTURE SYSTEMS

19-6580 TMWRF Clarifier Basin Concrete and Steel Rehab	169,712	169,712	174,731	180,064	185,397	191,043	196,690
15-6590B TMWRF Nitrification Tower Rehab and Improvements	1,192,060	1,192,060	156,850	1,819,460	1,647,866	1,697,431	
19-6581 TMWRF Nitrogen Removal System Pilot Testing	235,275	235,275					

City of Sparks

Five Year Capital Improvement Plan 2019/20- 2023/24

Project # Project Description	FY19 Budgeted	FY19 Estimated Actuals	FY20	FY21	FY22	FY23	FY24
TMWRF Nitrogen Removal System Design					1,129,320		
TMWRF Nitrogen Removal System Construction						9,411,000	
TMWRF TWAS System Evaluation and Rehab							
18-6585 TMWRF Heat Loop System Improvements	1,097,950	1,097,950	1,035,210				
18-6588 TMWRF Motor Control Centers Rehab	156,850	156,850	163,124	244,686	250,960	219,590	219,590
18-6589 TMWRF Aeration/Post-Air/Spent Backwash Tanks Rehab	156,850	156,850	156,850	156,850	156,850	156,850	156,850
TMWRF Grit Removal System Evaluation and Rehabilitation							
18-6591 TMWRF 120V Lighting Panels Evaluation and Replacement	94,110	94,110		94,110	94,110		
TMWRF Gallery HVAC Evaluation and Rehab							
TMWRF Digester #4 Repair - Interior Coating and Insulation			470,550				
TMWRF Digester #5 Foam Coating				250,960			
TMWRF Activated Sludge Flow Improvements: Primary Hydraulic Controls			470,550		400,595		
TMWRF Third Centrifuge and Cake Pump							
TMWRF Gravity Thickener Evaluation				112,932			
TMWRF Plant Wide - HVAC Rehabilitation				156,850		156,850	
TMWRF Media Storage Facility				156,850			
TMWRF Gas Conditioning Bio-Tower 2						313,700	
TMWRF Filter Bldg By-Pass to Facilitate Valve Replacement					156,850		
TMWRF Blower Building Air Intake							78,425
TMWRF AC Paving Ph 1 - Admin to Dewatering					102,894		
TMWRF Structural Concrete Evaluation Phase 2 (nitrification influent/effluent wet wells)						78,425	
TMWRF Internal Drainage Infrastructure - Evaluation/Rehab						31,370	
TMWRF Clarifier Addition System 3 Primary and Secondary						3,137,000	
TMWRF Roof Rehabilitation (throughout facility) & Top Deck Coating Eval			156,850			156,850	
System 3 - Aeration Tank & 2 Clarifiers							7,842,500
TMWRF Projects	3,102,807	3,102,807	2,784,715	3,172,762	4,124,841	15,550,109	8,494,055
19-6582 Sanitary Sewer Manhole Rehab.	200,000	150,000	25,000	25,000	25,000	25,000	25,000
19-6583 Sewer Line Special Assessment	200,000	130,000	200,000	200,000	200,000	200,000	200,000
19-6584 Sewer Model Outlook Population Update	40,000	35,000		40,000		100,000	
19-6585 Sanitary Sewer Upgrade Projects - Tyler and 18th			871,640				
Sanitary Sewer Upgrade Projects - Prater Wy and McCarran Blvd				1,974,105			
Sanitary Sewer Upgrade Projects - Quail, Boise, and Greenbrae Dr					888,235		
Sanitary Sewer Upgrade Projects - Springland, Lida, and Montezuma					1,027,780		
19-6595 Annual Sewer System Rehab	500,000	500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
19-6596 Annual Sewer System Street Improvement Coordination	50,000	50,000	50,000	50,000	50,000	50,000	50,000
*Annual Road Ahead							
*RTC Road Ahead							
Sub-total	4,092,807	3,967,807	4,931,355	6,461,867	7,315,856	16,925,109	9,769,055

City of Sparks

Five Year Capital Improvement Plan 2019/20- 2023/24

Project # Project Description	FY19 Budgeted	FY19 Estimated Actuals	FY20	FY21	FY22	FY23	FY24
SEWER OPERATIONAL EFFICIENCY PROJECTS							
19-6597 Annual Contingency for Emergencies	100,000	35,000	100,000	100,000	100,000	100,000	100,000
Sub-total	100,000	35,000	100,000	100,000	100,000	100,000	100,000
TOTAL SANITARY SEWER PROJECTS	4,192,807	4,002,807	5,031,355	6,561,867	7,415,856	17,025,109	9,869,055

STORM DRAIN PROJECTS & EQUIPMENT

EXPANSION / REHABILITATION OF STORM DRAINS INFRASTRUCTURE SYSTEMS							
Wingfield Hills Storm Drain Improvements			200,000				
Rockwood Dr and Glen Meadow Dr SD Improvements - Construction			1,850,000				
North Truckee Drain Lillard Box - Eng and ROW				350,000			
North Truckee Drain Lillard Box - Construction					2,650,000		
19-6690 Annual Storm Drain Street Improvement Coordination	275,000	275,000	275,000	275,000	275,000	275,000	275,000
*Annual Road Ahead Projects							
*RTC Road Ahead Projects							
19-6691 Annual Storm Drain System Dam, Ditch, Flood and Drainage Structures	200,000	185,000	200,000	200,000	200,000	200,000	200,000
*Annual SD System and Ditch Rehab							
*Annual Dam/Flood Structure/City-wide Flood Rehab Construction							
19-6692 Annual Curb, Gutter, and Sidewalk Projects	650,000	650,000	650,000	650,000	650,000	650,000	650,000
Grapple Truck for Trash Pickup			366,541				
Hook Truck with Snow Maintenance Capability			455,000				
Two Messege Boards			34,000				
Excavator			250,000				
Two Brine Tanks- 25,000 Gallon Storage Capacity			50,000				
Sub-total	1,125,000	1,110,000	4,330,541	1,475,000	3,775,000	1,125,000	1,125,000

STORM DRAINS OPERATIONAL EFFICIENCY PROJECTS							
19-6693 FEMA CRS/CAV	50,000	20,000	50,000	50,000	50,000	50,000	50,000
19-6694 North Truckee Drain Annual Cleaning	150,000	130,000	150,000	150,000	150,000	150,000	150,000
19-6695 Storm Drain Outreach Maintenance Program	15,000	10,000	15,000	15,000	15,000	15,000	15,000
19-6696 Annual Contingency for Emergencies	100,000	60,000	100,000	100,000	100,000	100,000	100,000
Camera Van Purchase			360,000				
Sub-total	315,000	220,000	675,000	315,000	315,000	315,000	315,000
TOTAL STORM DRAINS PROJECTS	1,440,000	1,330,000	5,005,541	1,790,000	4,090,000	1,440,000	1,440,000

City of Sparks

Five Year Capital Improvement Plan 2019/20- 2023/24

Project # Project Description	FY19 Budgeted	FY19 Estimated Actuals	FY20	FY21	FY22	FY23	FY24
EFFLUENT REUSE PROJECTS							
EFFLUENT REUSE OPERATIONAL EFFICIENCY PROJECTS							
19-6792 Regional Effluent Planning and Demonstration Projects	75,000	10,000	75,000				
19-6790 Effluent Metered Site Upgrades	25,000	20,000	25,000	25,000	25,000	25,000	25,000
19-6791 Annual Contingency for Emergencies	50,000	10,000	50,000	50,000	50,000	50,000	50,000
Sub-total	150,000	40,000	150,000	75,000	75,000	75,000	75,000
TOTAL EFFLUENT REUSE PROJECTS	150,000	40,000	150,000	75,000	75,000	75,000	75,000
TOTAL SEWER UTILITIES PROJECTS	5,782,807	5,372,807	10,186,896	8,426,867	11,580,856	18,540,109	11,384,055

MOTOR VEHICLE FUND (1702): Vehicle replacement and capital improvements to the vehicle maintenance facility.

Capital Resources							
Funding Available from Prior Year			2,651,661	1,390,726	2,054,892	2,764,877	3,522,973
Vehicle Rent and Replacement Cost Contributions from other Funds			3,761,329	3,949,395	4,146,865	4,354,208	4,571,919
Fuel Reimbursement from other Funds			648,761	575,000	575,000	575,000	575,000
Miscellaneous Revenue			24,100	107,000	107,000	107,000	107,000
Less transfer to General Fund			(1,000,000)	0	0	0	0
Less Motor Vehicle Fund personnel and services and supplies			(2,888,575)	(3,033,004)	(3,184,654)	(3,343,887)	(3,511,081)
Total Available For Vehicle Replacement and Capital Projects			3,197,276	2,989,118	3,699,103	4,457,199	5,265,811
CITY VEHICLE AND EQUIPMENT REPLACEMENTS							
20-7500 Vehicle and Equipment Replacement Plan - current year			1,806,550	934,226	934,226	934,226	934,226
	0	0	1,806,550	934,226	934,226	934,226	934,226
TOTAL MOTOR VEHICLE RELATED PROJECTS	0	0	1,806,550	934,226	934,226	934,226	934,226

City of Sparks

Five Year Capital Improvement Plan 2019/20- 2023/24

Project # Project Description	FY19 Budgeted	FY19 Estimated Actuals	FY20	FY21	FY22	FY23	FY24
Capital Resources - Fire Apparatus Replacement Plan							
Funding Available from Prior Year			931,039	1,181,749	1,436,038	596,456	544,310
Vehicle Cost Recovery from General Fund for Fire apparatus			750,000	739,993	734,054	710,297	710,297
Vehicle Rent from General Fund Fire Dept for Capital Equipment Plan			100,000	100,000	100,000	100,000	100,000
Charges for Services-Mutual Aid			150,000	100,000	100,000	100,000	100,000
Total Available For Fire Apparatus and Capital Equip Replacement			1,931,039	2,121,742	2,370,092	1,506,753	1,454,607
Planned Capital Improvements							
100902 Fire Apparatus Replacement Plan - 1702			714,290	600,000	1,655,445	844,739	0
100903 Fire Capital Equipment Replacement Plan - 1702			35,000	85,704	118,190	117,704	94,790
Sub-total	0	0	749,290	685,704	1,773,635	962,443	94,790
TOTAL Fire Apparatus and Capital Equip Replacement Plan	0	0	749,290	685,704	1,773,635	962,443	94,790
TOTAL VEHICLE AND FIRE APPARATUS AND CAPITAL EQUIPMENT REPLACEMENT FUND 1702	0	0	2,555,840	1,619,930	2,707,861	1,896,669	1,029,016

REDEVELOPMENT AREA I (3401): Projects in the downtown area funded by property taxes.

Capital Resources							
Funding Available from Prior Year			1,400,000	1,500,000	1,400,000	1,200,000	1,200,000
CIP Funding from Development Services			0	0	0	0	0
Tour Mark Funding for Bollard and Baracade Project			100,000	0	0	0	0
Total Available For Muni Court Projects			1,500,000	1,500,000	1,400,000	1,200,000	1,200,000
Planned Capital Improvements							
Train Depot Refurbishment				100,000			
Victorian Amphitheater Phase 2					200,000		
Sub-total	0	0	0	100,000	200,000	0	0
TOTAL REDEVELOPMENT AREA 1 PROJECTS			0	100,000	200,000	0	0