

City of Sparks

Five Year Capital Improvement Plan 2016/17 - 2020/21

Project # Project Description	FY17	FY18	FY19	FY20	FY21
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ROAD FUND (1401): Transportation Systems, Road Improvements & related road maintenance projects

Capital Resources

Funding Available from Prior Year	2,304,517	568,930	601,582	947,099	1,035,706
Fuel Tax Revenues	2,070,871	2,112,288	2,154,534	2,197,625	2,241,577
TMWA MUA Revenue	709,810	724,006	738,486	753,256	768,321
Electric and Gas Franchise Fees	2,283,680	2,329,353	2,375,940	2,423,459	2,471,928
Miscellaneous. Revenue/Expenses	35,000	25,000	25,000	25,000	25,000
Less Road Maintenance Personnel	(2,045,263)	(2,106,621)	(2,169,820)	(2,234,915)	(2,301,962)
Total Available For Road Projects	5,358,614	3,652,957	3,725,723	4,111,525	4,240,571

PAVEMENT MANAGEMENT PROGRAM

Planned Capital Improvements

Street Improvement - Corrective / Rehabilitation

17-0500	Street Improvements - Corrective & Rehab (see "2016 Rehab" map)	3,000,000	1,500,000	1,500,000	1,500,000	1,500,000
17-0501	Sidewalk Rehabilitation	350,000	250,000	250,000	250,000	250,000
17-0502	Alley, Parking Lot and Pathway - Rehab	200,000	200,000	200,000	200,000	200,000

Annual Recurring Capital Projects and Maintenance / Materials

17-0503	Street & Alley Surfaces - Preventative (see "2016 Prev" map)	375,000	375,000	375,000	375,000	375,000
17-0590	Annual Pavement Management Program Support: Design/Geotechnical Support	250,000	100,000	100,000	100,000	100,000
	RTC- 2011-12 / 2015-16 Fuel TAX Supported Roadway Projects and NDOT Enhancement Supported Projects Real Property / Right of Way Services					
17-0591	Annual Street Surface Maintenance and Materials for: Crack Seal and Road Surfacing	268,444	276,497	284,792	293,336	302,136
	Sub-total	4,443,444	2,701,497	2,425,000	2,718,336	2,727,136

TRAFFIC PROGRAM

Planned Capital Improvements

Annual Recurring Capital Projects and Maintenance/Supplies

17-0690	Traffic Safety Safe Route To School Plan Updates Citywide Signal Coordination/Capacity Improvements Traffic Calming Enhancements	75,000	75,000	75,000	75,000	75,000
17-0691	Electrical System Upgrades Traffic Signal Detection Upgrades Traffic Signal Conflict Monitor Replacement Projects Traffic Computer Maintenance and Upgrades Traffic Signal LED Replacement Program Contracting Services - Street Sign & Traffic Signal Electrical	100,000	100,000	100,000	100,000	100,000
17-0692	MUTCD Sign Compliance Requirements Program	50,000	50,000	50,000	50,000	50,000
17-0693	Traffic Signs and Paint Line Laser for Traffic Paint and Signs Traffic Paint Materials Street Signs	121,240	124,877	128,624	132,482	136,457
	Sub-total	346,240	349,877	353,624	357,482	361,457

TOTAL ROAD FUND PROJECTS	4,789,684	3,051,375	2,778,624	3,075,818	3,088,593
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CAPITAL PROJECTS FUND (1404): Acquisition and construction of fixed assets and rehabilitation of capital facilities.

Capital Resources

Funding Available from Prior Year	138,231	177,731	852,231	1,154,231	1,946,731
General Fund Transfer for Public Works Projects	1,575,000	1,575,000	1,575,000	1,575,000	1,575,000
Unspent Bond Proceeds Dedicated to Debt Service	0	0	0	0	0
Miscellaneous Revenue/Expenses	8,500	8,500	8,500	8,500	8,500
Total Available For Capital Projects	1,721,731	1,761,231	2,435,731	2,737,731	3,530,231

CITY FACILITIES

Planned Capital Improvements

17-1000 City Hall Basement Carpet Replacement Project	25,000				
17-1001 Police Dept. - Window Energy Efficiency Project	25,000				
17-1002 Police Dept. - HVAC System Retrofit 1st/2nd/Basement Construction	425,000				
17-1003 Maintenance Yard Main Building Carpet Replacement Project	15,000				
17-1004 Fire Station #3 Grout Repair and Exterior Painting	40,000				
17-1005 Maintenance Garage Generator Connection and Refurbishment	50,000				
17-1006 Fire Station #1 - West Parking Lot Rehabilitation	50,000				
17-1007 Fire Station #4 - Parking Lot Rehabilitation	250,000				
17-1008 Museum Carpet and Facade Upgrades	100,000				
17-1009 Alf Sorensen Air Handler/Dehumidifier Improvement Project	230,000				
Museum Roof Replacement Project		90,000			
City Hall Exterior Paint, Trim, and Skylight Upgrades		200,000			
City Hall Carpet Replacement Community Services Wing		60,000			
Police Dept. - Fire Alarm to Garage & 30 amp Service Upgrade		25,000			
City Hall Legislative Bldg Restroom Renovation and ADA Upgrades		250,000			
Alf Sorensen Boiler Replacement Project			550,000		
Maintenance Yard Building Exterior Painting Project			150,000		
Police Dept.- Parking Lot Paving Project Unimproved Area			225,000		
Police Dept.- Evidence Building Bird Netting Project			7,500		
Police Dept.- Records Area Remodel			65,000		
Fire Station #1 - Carpet Replacement				95,000	
Police Dept.- Basement Painting Project				17,000	
Fire Station #4 - Carpet Replacement				45,000	
Police Dept.- Dispatch Expansion Project				350,000	
Maintenance Garage Electrical Upgrade Project					300,000
C Street Garage Rehab Phase 2					550,000
Maintenance Yard West Vehicle Storage Building Enclosure					300,000
Sub-total	1,210,000	625,000	997,500	507,000	1,150,000

Annual Recurring Capital Projects and Maintenance/Supplies

17-1090 Annual Citywide Facilities Improvements	100,000	100,000	100,000	100,000	100,000
17-1091 City Lighting Energy Retrofits	25,000	25,000	25,000	25,000	25,000
17-1092 Annual Maintenance Contract for Photovoltaic Systems	14,000	14,000	14,000	14,000	14,000
17-1093 City Facilities ADA Mitigation Improvements	25,000	25,000	25,000	25,000	25,000
17-1094 Annual City Wide Elevator Retrofit & Upgrades	150,000	100,000	100,000	100,000	100,000
17-1095 Annual Citywide Door Replacement Project	20,000	20,000	20,000	20,000	20,000
Sub-total	334,000	284,000	284,000	284,000	284,000

TOTAL CAPITAL PROJECTS	1,544,000	909,000	1,281,500	791,000	1,434,000
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Capital Resources - IT Sustainability Plan #1 - Hardware					
Funding Available from Prior Year	88,486	74,636	128,463	36,684	(0)
General Fund transfer	404,240	427,007	550,537	146,736	
Total Available For Capital Projects	492,726	501,643	679,000	183,420	(0)

Annual Recurring Capital Projects and Maintenance/Supplies					
080730 IT Sustainability Plan (City's Wildly Important Goal WIG) - HARDWARE	418,090	373,180	642,316	183,420	5,770
Sub-total	418,090	373,180	642,316	183,420	5,770
TOTAL CAPITAL PROJECTS - IT Sustainability Plan #1	418,090	373,180	642,316	183,420	5,770

Capital Resources - IT Sustainability Plan #2 - Software					
Funding Available from Prior Year	113,000	239,000	24,000	40,000	37,000
General Fund transfer	676,000	980,000	136,000	197,000	148,000
Total Available For Capital Projects	789,000	1,219,000	160,000	237,000	185,000

Annual Recurring Capital Projects and Maintenance/Supplies					
080731 IT Sustainability Plan (City's Wildly Important Goal WIG) - SOFTWARE	550,000	1,195,000	120,000	200,000	185,000
Sub-total	550,000	1,195,000	120,000	200,000	185,000
TOTAL CAPITAL PROJECTS - IT Sustainability Plan #2	550,000	1,195,000	120,000	200,000	185,000
TOTAL CAPITAL PROJECTS FUND 1404	2,512,090	2,477,180	2,043,816	1,174,420	1,624,770

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	304,417	29,143	127,604	222,910	322,103
Ad Valorem Taxes designated for Capital Projects per NRS 354.59815 & 354.598155	186,761	190,496	194,306	198,192	202,156
Miscellaneous Revenue/Expenses	2,965	2,965	1,000	1,000	1,000
Total Available For Capital Projects	494,143	222,604	322,910	422,103	525,259

CAPITAL FACILITIES PROJECTS					
<i>Planned Capital Improvements</i>					
17-1500 Special Events Area CCTV	60,000				
17-1501 C Street Parking Garage - Video Surveillance Upgrade	60,000				
17-1502 Citywide Re-Keying/Security Infrastructure	25,000				
17-1503 PD South Exterior Stairway Renovation	60,000				
17-1504 Fire Station #2 - Rollup Door Replacement	30,000				
17-1505 Fire Station #1 - Security & Paging System Replacement	65,000				
17-1506 Fire Station #1 - Fire Prevention Office Renovation & ADA Upgrades	60,000				
17-1507 Community Services Wing Restroom Renovation & ADA Upgrade	105,000				
Fire Station #2 - Dorm Room Remodel and Tile Replacement		45,000			
Maintenance Yard Bull Pen Ventilation Improvement Project		50,000			
Citywide Re-Keying/Security Improvements			100,000	100,000	
Sub-total	465,000	95,000	100,000	100,000	0
TOTAL CAPITAL PROJECTS - CAPITAL FACILITIES	465,000	95,000	100,000	100,000	0

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

Capital Resources

Funding Available from Prior Year	234,094	29,807	24,353	194,829	191,329
Electric and Gas Franchise Fees	1,141,840	1,164,677	1,187,970	1,211,730	1,235,964
Miscellaneous Revenue/Expenses	4,000	2,000	2,000	2,000	2,000
Less Park and Recreation Personnel	(400,127)	(412,131)	(424,494)	(437,229)	(450,346)
Total Available For Capital Projects	979,807	784,353	789,829	971,329	978,947

PARKS & RECREATION PROJECTS

Planned Capital Improvements

17-1600 Del Cobre Path Rehabilitation Project	150,000				
17-1601 Alf Sorensen Air Handler/Dehumidifier Improvement Project	355,000				
17-1602 LDJ Fitness Center Window Energy Efficiency Project	10,000				
17-1603 Alf Sorensen HVAC Design	50,000				
Burgess Park Skateboard Park and Sidewalk Rehabilitation		100,000			
Alf Sorensen Lobby/Pre-School/Shower HVAC Modifications		275,000			
Rock Park Additional Parking			150,000		
Richards Way Gym Floor Repair/Replacement			60,000		
Victorian Amphitheater Side Enclosure - Phase 2				180,000	
Pah Rah Park Additional Parking				100,000	
Marina Shade Structure over Playground				20,000	
Shadow Mountain Barn Replacement Project				95,000	
Marina Amphitheater Project					150,000
Sub-total	565,000	375,000	210,000	395,000	150,000

Annual Recurring Capital Projects and Maintenance/Supplies

17-1690 Bike Path Rehabilitation	100,000	100,000	100,000	100,000	100,000
17-1691 Annual Sports Court Rehabilitation Project	20,000	20,000	20,000	20,000	20,000
17-1692 Nursery Re-Stock	5,000	5,000	5,000	5,000	5,000
17-1693 Sports Fields Grass Turf Replacement	15,000	15,000	15,000	15,000	15,000
17-1694 Marina Park Landscape, Path Modifications, and Upgrades	30,000	30,000	30,000	30,000	30,000
17-1695 Victorian Square Enhancements	170,000	170,000	170,000	170,000	170,000
17-1696 Annual Park Facilities Improvements	45,000	45,000	45,000	45,000	45,000
Sub-total	385,000	385,000	385,000	385,000	385,000

TOTAL CAPITAL PROJECTS PARKS AND RECREATION	950,000	760,000	595,000	780,000	535,000
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Capital Resources - Golden Eagle Regional Park					
Funding Available from Prior Year	737,668	935,502	1,012,965	1,090,037	16,706
GERP Facility Rentals, Sponsorship, Advertising, and Lighting Revenue	108,000	45,000	45,000	45,000	45,000
GERP Concession Franchise Fee & Park Fees	149,996	100,000	100,000	100,000	100,000
Miscellaneous Revenue	7,500	505	505	505	505
Less Golden Eagle Regional Park Operations	(12,662)	(13,042)	(13,433)	(13,836)	(14,251)
Total Available For Capital Projects	990,502	1,067,965	1,145,037	1,221,706	147,960

GOLDEN EAGLE REGIONAL PARK PROJECTS

Planned Capital Improvements

Synthetic Turf Replacement				1,150,000	
Annual Recurring Capital Projects and Maintenance/Supplies					
17-1790 Annual GERP Site & Facilities Improvements	25,000	25,000	25,000	25,000	25,000
17-1791 Annual Turf Maintenance Contract	30,000	30,000	30,000	30,000	30,000
Sub-total	55,000	55,000	55,000	1,205,000	55,000
TOTAL CAPITAL PROJECTS - GERP	55,000	55,000	55,000	1,205,000	55,000
TOTAL PARKS AND REC PROJECTS FUND 1402	1,005,000	815,000	650,000	1,985,000	590,000

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

Capital Resources

Funding Available from Prior Year	356,419	393,399	419,399	420,399	421,399
Budgeted Residential Park Construction Tax	86,000	75,000	50,000	50,000	50,000
Miscellaneous Revenue/Expenses	980	1,000	1,000	1,000	1,000
Total Available For Neighborhood Parks	443,399	469,399	470,399	471,399	472,399

PARK DISTRICT #1 PROJECTS

Park District #1 Park Improvement Projects

17-1890 Annual Park District 1 Improvements	50,000	50,000	50,000	50,000	50,000
Sub-total	50,000	50,000	50,000	50,000	50,000
TOTAL CAPITAL PROJECTS - PARK DISTRICT #1	50,000	50,000	50,000	50,000	50,000

PARK CONSTRUCTION TAX DIST #2 (1407): Construction of new park facilities located in Park District #2.

Capital Resources

Funding Available from Prior Year	580,281	475,360	370,604	200,449	30,294
Budgeted Residential Park Construction Tax	111,829	111,829	50,000	50,000	50,000
Miscellaneous Revenue/Expenses	8,250	8,415	4,845	4,845	4,845
Total Available For Neighborhood Parks	700,360	595,604	425,449	255,294	85,139

PARK DISTRICT #2 PROJECTS

Park District #2 Park Improvement Projects

17-1990 Annual Park District 2 Improvements	225,000	225,000	225,000	225,000	225,000
Sub-total	225,000	225,000	225,000	225,000	225,000
TOTAL CAPITAL PROJECTS - PARK DISTRICT #2	225,000	225,000	225,000	225,000	225,000

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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	1,181,111	822,027	463,129	158,129	18,129
Budgeted Residential Park Construction Tax	156,616	156,616	70,000	70,000	70,000
Miscellaneous Revenue/Expenses	9,300	9,486	15,000	15,000	15,000
Total Available For Neighborhood Parks	1,347,027	988,129	548,129	243,129	103,129

PARK DISTRICT #3 PROJECTS

Park District #3 Park Improvement Projects					
17-2090 Annual Park District 3 Improvements	25,000	25,000	25,000	225,000	225,000
17-2091 Silverton Shores Park	500,000				
17-2092 Black Hills Drive (Foothill #3)		500,000			
17-2093 Truth Drive (Foothill #4)			365,000		
Sub-total	525,000	525,000	390,000	225,000	225,000

TOTAL CAPITAL PROJECTS - PARK DISTRICT #3	525,000	525,000	390,000	225,000	225,000
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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	2,987,797	3,448,047	3,783,497	4,174,903	4,723,044
Anticipated Victorian Square Room Tax Revenues	840,000	865,200	891,156	917,891	945,427
Miscellaneous Revenue/Expenses	20,250	20,250	20,250	20,250	20,250
Total Available For Room Tax Projects	3,848,047	4,333,497	4,694,903	5,113,044	5,688,721

VICTORIAN SQUARE ROOM TAX PROJECTS

Planned Capital Improvements					
17-2100 Victorian Square Infrastructure Improvement Project Phase 1	350,000				
Victorian Square Infrastructure Improvement Project Phase 2 & 5		500,000			
Victorian Square Infrastructure Improvement Project Phase 3			470,000		
Victorian Square Infrastructure Improvement Project Phase 4				340,000	
Victorian Square Infrastructure Improvement Project Phase 6					300,000
Sub-total	350,000	500,000	470,000	340,000	300,000

Annual Recurring Capital Projects and Maintenance/Supplies					
17-2190 Victorian Square Development Contribution	50,000	50,000	50,000	50,000	50,000
Sub-total	50,000	50,000	50,000	50,000	50,000

TOTAL VICTORAIN SQUARE ROOM TAX PROJECTS	400,000	550,000	520,000	390,000	350,000
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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	0	0	0	0	0
Grant Award	300,000	300,000	300,000	300,000	300,000
Total Available For CDBG Projects	300,000	300,000	300,000	300,000	300,000

COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) PROJECTS

Planned Capital Improvements

17-2290 Pedestrian and Street Improvements (see "2016 CDBG Pedestrian & Street Improvement" Map)	300,000	300,000	300,000	300,000	300,000
Sub-total	300,000	300,000	300,000	300,000	300,000

TOTAL CDBG CAPITAL PROJECTS	300,000	300,000	300,000	300,000	300,000
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MUNICIPAL COURT ADMINISTRATIVE ASSESSMENT FUND (1208): Projects that enhance or support municipal court facilities and operations.

Capital Resources

Funding Available from Prior Year	145,918	30,918	45,918	20,918	5,918
Admin Assessment Fees per NRS 176.0611	55,000	55,000	55,000	55,000	55,000
Total Available For Muni Court Projects	200,918	85,918	100,918	75,918	60,918

MUNICIPAL COURT ADMIN ASSESSMENT PROJECTS

Planned Capital Improvements

17-2300 Security/Entrance Remodel	150,000				
Employee Parking Lot Rehab		20,000			
Muni-Court Carpet Replacement			25,000		
Muni-Court Fence Installation (West Side of Building)				15,000	
Sub-total	150,000	20,000	25,000	15,000	0

Annual Recurring Capital Projects and Maintenance/Supplies

17-2390 Annual Municipal Court Facility Improvements	20,000	20,000	55,000	55,000	55,000
Sub-total	20,000	20,000	55,000	55,000	55,000
TOTAL MUNI COURT CAPITAL PROJECTS	170,000	40,000	80,000	70,000	55,000

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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	254,609	289,347	407,125	533,083	667,386
Street Cut Permits	500,000	510,000	520,200	530,604	541,216
Miscellaneous Revenue/Expenses	80	80	80	100	100
Less Street Cut personnel and operational costs	(65,342)	(67,302)	(69,321)	(71,401)	(73,543)
Total Available For Street Cut Projects	689,347	732,125	858,083	992,386	1,135,160

STREET CUT PROJECTS

Annual Recurring Capital Projects and Maintenance/Supplies

17-2490 Street Cut Repair Contract	400,000	325,000	325,000	325,000	325,000
Sub-total	400,000	325,000	325,000	325,000	325,000

TOTAL STREET CUT PROJECTS	400,000	325,000	325,000	325,000	325,000
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SPARKS UTILITIES (1600's): Sanitary sewer, storm drain, and effluent projects

Capital Resources

Capital Funding Available from Prior Year	5,761,410	8,033,086	8,800,620	10,452,162	13,267,353
Connection Fees	3,840,402	3,917,210	3,995,554	4,075,465	4,156,975
Sun Valley TMWRF capital contributions	559,886	669,084	617,207	648,390	666,816
Miscellaneous Revenue	220,840	160,662	176,012	209,043	265,347
System Reinvestment Transfer from Operating	5,900,000	4,000,000	4,000,000	4,000,000	4,000,000
Operational Efficiency Projects paid for out of Operating Funds	855,000	1,915,000	415,000	415,000	415,000
Debt Service	(4,874,452)	(4,614,282)	(4,614,282)	(4,614,282)	(4,374,166)
Total Resources Available for Utilities Projects	12,263,086	14,080,760	13,390,112	15,185,778	18,397,325

SEWER PROJECTS

EXPANSION / REHABILITATION OF SEWER INFRASTRUCTURE SYSTEMS

17-6580 TMWRF Nitrification System Valve Improvements	909,730				
17-6581 TMWRF Plant Wide - Water Systems 2 & 3 Piping Upgrades	313,700	156,850	156,850	156,850	156,850
17-6582 TMWRF Clarifier Basin Concrete & Steel Rehab	94,110	131,754	138,028	144,302	147,439
17-6583 TMWRF Plant Wide HVAC Rehab	439,180	156,850	188,220	156,850	156,850
17-6584 TMWRF Activated Sludge Flow Improvements	1,097,950	1,010,114		871,145	
17-6585 TMWRF Substation Electrical Rehab	470,550				
17-6586 TMWRF Nitrification Tower Rehab & Improvements	133,323	1,121,478	1,192,060	1,192,060	1,192,060
17-6587 TMWRF Rapid Infiltration Basin (RIB) Permitting & Design	156,850				
TMWRF Projects - Future FY18-FY21		690,140	1,097,950	78,425	1,148,142
17-6591 Sewer Pipeline Rapid Assessment Tool	25,000				
17-6592 Annual Sewer System Rehab	400,000	400,000	400,000	400,000	400,000
17-6593 Annual Sewer System Street Improvement Coordination	100,000	50,000	50,000	50,000	50,000
*Annual Road Ahead					
*RTC Road Ahead					
El Rancho Sanitary Sewer Project		1,250,000			
Sub-total	525,000	2,390,140	1,547,950	528,425	1,598,142

SEWER OPERATIONAL EFFICIENCY PROJECTS

17-6594 Sewer Water Rights	75,000	75,000	75,000	75,000	75,000
17-6595 Rate Study 5 Year Update	75,000				
17-6597 Annual Contingency for Emergencies	100,000	100,000	100,000	100,000	100,000
Sub-total	250,000	175,000	175,000	175,000	175,000
TOTAL SANITARY SEWER PROJECTS	775,000	2,565,140	1,722,950	703,425	1,773,142

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STORM DRAIN PROJECTS

EXPANSION / REHABILITATION OF STORM DRAINS INFRASTRUCTURE SYSTEMS

17-6601	Bergin Way Storm Drain System	1,250,000				
17-6602	Alamo Driveway Drainage Project	50,000				
17-6603	19th Street Storm Drain Project	85,000				
17-6604	Pyramid Greenbrae Storm Drainage Project	150,000				
17-6605	Rock Boulevard Storm Drain Project	100,000				
17-6690	Annual Storm Drain Street Improvement Coordination	515,000	275,000	275,000	275,000	275,000
	*Annual Road Ahead Projects					
	*RTC Road Ahead Projects					
17-6691	Annual Storm Drain System Dam, Ditch, Flood & Drainage Structures	200,000	200,000	200,000	200,000	200,000
	*Annual SD System & Ditch Rehab					
	*Annual Dam/Flood Structure/Citywide Flood Rehab Construction					
17-6692	* Annual Curb, Gutter, and Sidewalk Projects	500,000	500,000	500,000	500,000	500,000
	Sub-total	2,850,000	975,000	975,000	975,000	975,000

STORM DRAINS OPERATIONAL EFFICIENCY PROJECTS

17-6693	FEMA CRS/CAV	50,000	50,000	50,000	50,000	50,000
17-6694	Rate Study 5 Year Update	50,000				
17-6695	Storm Drain Outreach Maintenance Program	15,000	15,000	15,000	15,000	15,000
17-6696	Annual Contingency for Emergencies	100,000	100,000	100,000	100,000	100,000
17-6697	GPS Equipment	40,000				
	Sub-total	255,000	165,000	165,000	165,000	165,000
	TOTAL STORM DRAINS PROJECTS	3,105,000	1,140,000	1,140,000	1,140,000	1,140,000

EFFLUENT REUSE PROJECTS

EXPANSION / REHABILITATION OF EFFLUENT REUSE INFRASTRUCTURE SYSTEMS

	Sub-total	0	0	0	0	0
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EFFLUENT REUSE OPERATIONAL EFFICIENCY PROJECTS

17-6790	Effluent Metered Site Upgrades	25,000	25,000	25,000	25,000	25,000
17-6791	Annual Contingency for Emergencies	50,000	50,000	50,000	50,000	50,000
17-6792	Rate Study 5 Year Update	25,000				
17-6793	Reuse Pump Station Electrical and Building Design	250,000				
17-6794	Reuse Pump Station Electrical and Building Construction		1,500,000			
	Sub-total	350,000	1,575,000	75,000	75,000	75,000
	TOTAL EFFLUENT REUSE PROJECTS	350,000	1,575,000	75,000	75,000	75,000

TOTAL SEWER UTILITIES PROJECTS

	4,230,000	5,280,140	2,937,950	1,918,425	2,988,142
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Capital Resources - RIVER FLOOD

Funding Available from Prior Year	10,115,221	11,010,016	11,766,671	12,534,543	13,313,631
River Flood User Fees	3,047,972	3,026,112	3,037,329	3,048,545	3,048,545
River Flood Connection Fees	206,823	35,543	35,543	35,543	35,543
Bond/Loan Proceeds					
Contribution from the Flood Project					
Miscellaneous Revenue	40,000	40,000	40,000	40,000	40,000
Debt Service (\$20M, 3% , 10 years)		(2,345,000)	(2,345,000)	(2,345,000)	(2,345,000)
Total Available For RIVER FLOOD Capital Projects	13,410,016	11,766,671	12,534,543	13,313,631	14,092,719

City of Sparks

Five Year Capital Improvement Plan 2016/17 - 2020/21

Project # Project Description	FY17	FY18	FY19	FY20	FY21
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RIVER FLOOD PROJECTS

Planned Capital Improvements

17-6800 North Truckee Drain Existing Ditch Piping	2,400,000				
Sub-total	2,400,000	0	0	0	0

TOTAL CAPITAL PROJECTS - RIVER FLOOD	2,400,000	0	0	0	0
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TOTAL SEWER UTILITIES PROJECTS FUNDS 1630-1651	6,630,000	5,280,140	2,937,950	1,918,425	2,988,142
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MOTOR VEHICLE FUND (1702): Vehicle replacement and capital improvements to the vehicle maintenance facility.

Capital Resources

Funding Available from Prior Year	1,188,727	399,691	627,358	941,063	1,283,064
Vehicle Rent and Replacement Cost Contributions from other Funds	2,925,172	3,071,431	3,225,002	3,386,252	3,555,565
Fuel Reimbursement from other Funds	574,649	575,000	575,000	575,000	575,000
Miscellaneous Revenue	81,000	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, services & supplies, debt service	(2,411,856)	(2,532,449)	(2,659,071)	(2,792,025)	(2,931,626)
Total Available For Vehicle Replacement and Capital Projects	1,357,691	1,620,673	1,875,289	2,217,290	2,589,003

CITY VEHICLE AND EQUIPMENT REPLACEMENTS

17-7500 Vehicle & Equipment Replacement Plan - current year	958,000	993,315	934,226	934,226	934,226
Maintenance Garage Welding Room Electrical Upgrades		100,000			
	958,000	993,315	934,226	934,226	934,226

TOTAL MOTOR VEHICLE RELATED PROJECTS	958,000	993,315	934,226	934,226	934,226
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Capital Resources - Fire Apparatus Replacement Plan

Funding Available from Prior Year	689,993	307,081	398,555	583,640	726,538
Vehicle Cost Recovery from General Fund for Fire apparatus	739,993	739,993	739,993	734,054	710,297
Vehicle Rent from General Fund Fire Dept for Capital Equipment Plan	100,000	100,000	100,000	100,000	100,000
Total Available For Fire Apparatus & Capital Equip Replacement	1,529,986	1,147,074	1,238,548	1,417,694	1,536,835

100902 Fire Apparatus Replacement Plan - 1702	1,157,625	607,753	638,141	670,048	670,048
100903 Fire Capital Equipment Replacement Plan - 1702	65,280	140,766	16,767	21,107	9,164
Sub-total	1,222,905	748,519	654,908	691,155	679,212

TOTAL Fire Apparatus & Capital Equip Replacement Plan	1,222,905	748,519	654,908	691,155	679,212
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TOTAL VEHICLE & FIRE APPARATUS AND CAPITAL EQUIPMENT REPLACEMENT FUND 1702	2,180,905	1,741,834	1,589,134	1,625,381	1,613,438
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Replacement Cost Contributions from other Funds