

CAPITAL IMPROVEMENT PLAN FY2016

The City has segregated its capital purchases into two separate categories:

1. Vehicles and general-purpose equipment, including computer software, which are included in the seventy series range within the chart of accounts. These items, while costing more than \$5,000, and having a life longer than one year, are routine in the sense that they must be replaced on a regular basis and are included within each departmental budget.
2. Capital projects involve the construction or acquisition of capital items usually relating to some type of building or infrastructure. The only major exception to this definition is the resurfacing of streets. The following Capital Improvement Plan includes one-time capital projects. For these projects, the FY2016 amounts tie to specific budgeted amounts in capital line items. Amounts in the following years represent the best current estimates of what projects will be desired and/or required in the future.

The effect these one-time expenditures will have on the operating budget of the City varies from minor to significant. For example, most paving and street projects will have little effect on operating requirements. Of course, each new street will require some additional maintenance, such as cleaning and striping, but the cost can be covered by the growth in revenue that accompanies the growth of the City that necessitated the new street. Other projects, such as a proposed new fire station, will have a substantial impact on operating costs. For Fire Station #7, recruitment and training will need to begin concurrently with construction, with twelve new firefighter positions required to staff the new station. These positions are not currently in the budget and a funding source has not yet been identified. Close monitoring of the effect of other one-time expenditures will continue and new projects will be approved only when it has become clear that City revenue growth has increased enough to carry any additional operating costs.



For FY2016, there are several significant capital projects in progress that will affect the operating budget once completed and are currently budgeted. The Cash Reserve Transfer Policy has resulted in monies being transferred into the General Governmental Capital Projects Fund (408). For FY2016, there are several projects that were in progress as of July 1, 2014 that will be completed in FY2016. These projects include the remodel of Fire Stations #5, repaving the MOC parking lot, and improvements as designated in the Storm Drain Action Plan. The vehicle replacement budget was increased from \$700,000 in FY2015 to \$900,000 in FY2016.

Public Works has budgeted several large capital projects in FY2016 including the construction of the Phase I of the Foothills Enhancement Project and additional construction on the Piñon Hills Bridge Project.

In addition, FY2012 GRT 2012 Series Bonds were sold to fund a regional animal shelter, remodel the Farmington Civic Center exhibit hall, complete a museum expansion, replace Fire Station #1, and construct Lakewood Detention Pond. In FY2016, the completion of Fire Station #1 was budgeted. All other projects were complete in FY2015.



The FY2016 Capital Improvement Plan also includes \$1.745 million to be funded primarily by the FAA for the rehab of Taxiway E, F, and G at the Four Corners Regional Airport.



An emphasis has been placed on upgrading the current facilities of the Electric Enterprise in order to increase efficiency and customer reliability. As a result, the Electric Enterprise plans over \$25.3 million of capital improvements including the upgrade of TS1 electric billing meter to PLX billing meters for \$1.1 million, \$4 million for a new 5 mw solar generation facility, construction of a new 115kV ring bus at Bergin Substation for \$1.75 million and replacement of the Aztec Substation for \$1.5 million.

Both the Water and Wastewater Enterprise Funds collect a Renewal and Replacement fee. Planned infrastructure investments for FY2016 are \$3.75 million and \$1.65 million, respectively.

The Sanitation Enterprise does not have any planned capital improvement until FY2020. It is planned that in FY2020, a new drop-off center will be constructed through the funding of cash reserves accumulated in the fund from now until FY2020. In FY2017, the contract with Waste Management, the company that currently operates the sanitation services for the City of Farmington, will expire and need to be renegotiated. During this process, the operation of a new Community Drop-Off Center will be discussed in the new agreement.

A total capital investment of \$59.9 million is budgeted for the City of Farmington for FY2016.

Recurring vs Non-Recurring Capital

For the purpose of the following schedule, recurring capital expenditures are defined as those that (1) are included in almost every budget and (2) will have no significant impact on the operating budget.

Fund Description (000's)	Recurring	Non-recurring	Grand Total
101-GENERAL FUND	\$ 228	\$ 170	\$ 398
201-GRT - STREETS	5,336	35	5,371
202-GRT - PARKS	809		809
211-PARK DEVELOPMENT FEES		125	125
214-PARKS/REC GIFTS & GRANTS		265	265
217-MUSEUM GIFTS & GRANTS		5	5
223-CDBG GRANT	576		576
246-REGION II NARCOTICS	25		25
401-PUBLIC WORKS GRANT PROJECTS	3,700	1,360	5,060
402-GRT 2012 BONDS	350		350
408-GENERAL GOVERNMENTAL CAPITAL PROJECTS	900	1,043	1,943
409-AIRPORT GRANTS	1,746		1,746
411-METROPOLITAN REDEVELOPMENT AUTHORITY		75	75
415-CONVENTION CENTER FEE CAPITAL PROJECTS		237	237
601-ELECTRIC ENTERPRISE	26,565	196	26,761
602-WATER ENTERPRISE	9,850	305	10,155
603-WASTEWATER ENTERPRISE	7,875	85	7,960
Grand Total	\$ 57,960	\$ 3,900	\$ 61,859



Capital Improvement Plan detail can be located on the City of Farmington web page by following this path at fmtn.org:

[Home](#) > [Government](#) > [Departments](#) > [Administrative Services](#) > [Finance](#) > [Financial Statements](#)

Excluding the Electric Enterprise detail sheets, capital improvement project detail is presented on a uniform Capital Improvement Plan Detail Narrative sheet. Each narrative sheet is completed by each individual department. Format variations may exist. Electric Enterprise maintained existing narrative information sheets rather than the uniform Capital Improvement Plan Detail Narrative sheet.

**FY2016 BUDGET
RECONCILIATION OF DEPARTMENT CAPITAL TO CIP SCHEDULE
(000's)**

FUND NUMBER		FY2016 BUDGETED
ADMINISTRATION		
101		\$ 105
408		900
TOTAL CAPITAL - DEPARTMENT SUMMARY		\$ 1,005
ADJUST CAPITAL TO CIP		
101	VEHICLE PURCHASE	\$ (100)
101	OFFICE EQUIPMENT	(5)
CIP SCHEDULE FOR ADMINISTRATION		\$ 900
INFORMATION TECHNOLOGY		
101		\$ 45
TOTAL CAPITAL - DEPARTMENT SUMMARY		\$ 45
ADJUST CAPITAL TO CIP		
101	COMPUTER HARDWARE	\$ (45)
CIP SCHEDULE FOR INFORMATION TECHNOLOGY		\$ -
GENERAL SERVICES		
101		\$ 24
408		626
409		1,746
TOTAL CAPITAL - DEPARTMENT SUMMARY		\$ 2,396
ADJUST CAPITAL TO CIP		
101	HEAVY EQUIPMENT	\$ (24)
CIP SCHEDULE FOR GENERAL SERVICES		\$ 2,372
PARKS		
202		\$ 809
211		125
214		265
217		5
408		200
415		237
TOTAL CAPITAL - DEPARTMENT SUMMARY		\$ 1,640
ADJUST CAPITAL TO CIP		
214	MEDIAN/CONCRETE WORK (Maintenance)	\$ 10
217	COMPUTER HARDWARE	(5)
CIP SCHEDULE FOR PARKS		\$ 1,645

FUND NUMBER		FY2016 BUDGETED
POLICE		
101		\$ 136
246		25
TOTAL CAPITAL - DEPARTMENT SUMMARY		\$ 161
ADJUST CAPITAL TO CIP		
101	POLICE EQUIPMENT	\$ (108)
101	PROPERTY IMPROVEMENTS	(28)
246	FED EQUITY SHARE CAPITAL	(25)
CIP SCHEDULE FOR POLICE		\$ -
FIRE		
402		\$ 350
408		92
TOTAL CAPITAL - DEPARTMENT SUMMARY		\$ 442
CIP SCHEDULE FOR FIRE		\$ 442
COMMUNITY DEVELOPMENT		
101		\$ 68
223		576
411		75
TOTAL CAPITAL - DEPARTMENT SUMMARY		\$ 719
ADJUST CAPITAL TO CIP		
101	COMPUTER SOFTWARE	\$ (68)
CIP SCHEDULE FOR COMMUNITY DEVELOPMENT		\$ 651
PUBLIC WORKS		
101		\$ 20
201		5,371
401		5,060
408		125
602		10,155
603		7,960
TOTAL CAPITAL - DEPARTMENT SUMMARY		\$ 28,691
ADJUST CAPITAL TO CIP		
101	TOOLS & TEST EQUIPMENT	\$ (20)
201	LAND	(35)
201	TOOLS & TEST EQUIPMENT	(5)
201	PROPERTY IMPROVEMENTS	(25)
CIP SCHEDULE FOR PUBLIC WORKS		\$ 28,606

FUND NUMBER	ELECTRIC UTILITY	FY2016 BUDGETED
601		\$ 26,761
TOTAL CAPITAL - DEPARTMENT SUMMARY		\$ 26,761
ADJUSTMENTS TO CAPITAL FOR ELECTRIC UTILITY CIP		
601	COMPUTER HARDWARE	\$ (80)
601	COMPUTER SOFTWARE	(85)
601	HEAVY EQUIPMENT	(284)
601	TOOL AND TEST EQUIPMENT	(138)
601	NON CIP PLANT IMPROVEMENTS	(897)
CIP SCHEDULE FOR ELECTRIC UTILITY		\$ 25,278
TOTAL CIP		\$ 59,893

CAPITAL IMPROVEMENT PLAN WORKSHEET (000's) FY2016 BUDGET			FY2014 BUDGET	Actual Expenditures FY2014	FY2015 BUDGET	Anticipated to be Spent in FY2015	FY2016 BUDGET	FY2017 BUDGET	FY2018 PROJECTED	FY2019 PROJECTED	FY2020 PROJECTED	UNFUNDED
Dept.	Division	Description										
GRT-STREETS (201)												
Beginning Cash Balance			\$ 5,911	\$ 7,811	\$ 6,709	\$ 6,709	\$ 3,808	\$ 157	\$ (1,055)	\$ (3,591)	\$ (4,689)	
Plus Projected Revenue			8,141	8,669	10,984	10,991	9,277	9,509	9,746	9,990	10,240	
Less Transfer for Debt Service			305	305	305	305	305	306	307	306	306	
Less Transfer to 401 Fund for Grant Matches			-	-	-	-	781	116	60	90	-	
Less Operating Expenditures			6,128	5,237	7,285	7,100	6,535	6,698	6,866	7,037	7,213	
MISCELLANEOUS ITEMS												
Public Wks.	Streets	Vehicle Replacement	\$ 525	\$ 426	\$ 623	\$ 572	\$ 536	\$ 400	\$ 400	\$ 400	\$ 400	\$ 1,000
Public Wks.	Traffic	Salt Dome/Storage Bldg and Traffic Test Equipment	210	68	-	36	-	-	-	-	-	-
Public Wks.	Streets	Traffic Signal Modernization	300	-	200	-	200	200	200	200	200	200
Public Wks.	Storm	Porter Arroyo Detention Pond-FY12	\$ 750	\$ 1,091	\$ 1,504	\$ 1,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Wks.	Storm	Future Detention Pond Design-FY15	-	-	150	150	-	-	-	-	-	-
Public Wks.	Storm	Storm Water Alternative Analysis FY15	-	-	150	150	-	-	-	-	-	-
Public Wks.	Storm	Storm Sewer Construction	900	-	300	250	250	300	300	300	300	300
Public Wks.	Storm	Crestwood Subdivision Detention Pond Design - FY16	-	-	-	-	-	250	-	-	-	1,000
Public Wks.	Storm	Villa View Detention Pond Design - FY16	-	-	-	-	-	-	300	204	-	2,000
Public Wks.	Storm	San Juan and Sullivan Ave Storm Drain Design - FY16	-	-	-	-	60	-	-	-	-	-
Public Wks.	Storm	San Juan and Sullivan Ave. Storm Construction - FY16	-	-	-	-	-	400	-	-	-	-
Public Wks.	Storm	Hutton and Main Storm System - FY16	-	-	-	-	-	200	1,000	-	-	-
Public Wks.	Storm	Isleta/ Hopi/ Monterey Ave Storm Drain - FY16	-	-	-	-	-	250	200	1,000	-	-
Public Wks.	Storm	Downtown MRA Area Drain Study - FY16	-	-	-	-	100	-	-	-	-	-
INTERSECTION/TRAFFIC SIGNAL IMPROVEMENTS												
Public Wks.	Traffic	MOC Entrance-FY13	500	41	-	-	-	-	-	-	-	-
STREET IMPROVEMENTS (existing)												
Public Wks.	Streets	PHB Widening -Sports Complex to 30th	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,000
Public Wks.	Streets	PHB Widening-Butler to Dustin	-	-	-	-	-	-	-	-	-	2,000
Public Wks.	Streets	PHB Widening-30th St to Dustin	-	-	-	-	-	-	-	-	-	6,000
Public Wks.	Streets	Butler/Dustin Ave Study-FY13	100	-	-	-	-	-	-	-	-	-
Public Wks.	Streets	Foothills Enhancements-Holmes to Lakewood Design Phase I-FY13	300	152	-	190	-	-	-	-	-	-
Public Wks.	Streets	Chip Seal Pryor Lane-Hallmarc Drive Area FY14	-	-	300	300	-	-	-	-	-	-
Public Wks.	Streets	Foothills Enhancements-Lakewood to North End of Foothills Design - FY16	-	-	-	-	-	-	-	-	-	350
Public Wks.	Streets	Foothills Enhancements - Rinconda to Lakewood Construction - FY16	-	-	-	-	-	-	1,000	-	1,500	-
Public Wks.	Streets	Main to English - Double Left Turn - FY16	-	-	-	-	160	-	-	-	-	-
STREET RESURFACING												
Public Wks.	Streets	Street Paving	\$ 2,850	\$ 2,223	\$ 3,450	\$ 3,200	\$ 4,000	\$ 1,600	\$ 1,500	\$ 1,550	\$ 1,550	\$ 8,500
Public Wks.	Streets	Pavement Management and Analysis-FY13	150	-	-	-	-	-	150	-	-	150
NEW STREETS												
Public Wks.	Streets	PVHS Access-City Share-FY11	\$ 150	\$ 228	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Wks.	Streets	Cliffside Dr.- Hunzinger to Fmtn. Ave.	-	-	-	-	-	-	-	-	-	500
Public Wks.	Streets	English Rd.-Panther Trail to Crestwood	-	-	-	-	-	-	-	-	-	1,300
Public Wks.	Streets	English Road- Largo to Gila	-	-	-	-	-	-	-	-	-	800
Public Wks.	Streets	Gila Street- Main to English	-	-	-	-	-	-	-	-	-	800
Public Wks.	Streets	Herrera Drive- Cliffside to Main Study	-	-	80	80	-	-	-	-	-	800
Public Wks.	Streets	Herrera Drive- Main to English Study	-	-	160	160	-	-	-	-	-	2,300
Public Wks.	Streets	Hill n' Dale Improvements	-	-	-	-	-	-	-	-	-	850
Total Capital Expenditures			\$ 6,735	\$ 4,229	\$ 6,917	\$ 6,488	\$ 5,306	\$ 3,600	\$ 5,050	\$ 3,654	\$ 3,950	\$ 30,850
Equals Ending Cash Balance			\$ 884	\$ 6,709	\$ 3,187	\$ 3,808	\$ 157	\$ (1,055)	\$ (3,591)	\$ (4,689)	\$ (5,919)	
PROJECTS FOR DISCUSSION												
Public Wks.	Streets	Wildflower Arroyo Detention Pond - FY16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250	\$ -	\$ -	\$ -	\$ 1,500
Public Wks.	Streets	Andrea Arroyo Detention Pond - FY16	-	-	-	-	-	250	-	-	-	1,500
Public Wks.	Streets	Katherine Arroyo Detention Pond - FY16	-	-	-	-	-	250	-	-	-	1,500
Public Wks.	Streets	Storm Sewer Upgrades / MRA Area - FY16	-	-	-	-	-	-	-	500	300	8,000
Public Wks.	Streets	Drainage Concerns Identified in 2010 and 2013 FEMA Disaster (10 sites) - FY16	-	-	-	-	-	250	1,000	1,000	1,000	1,000
Public Wks.	Streets	Replace Aging Storm Infrastructure - FY16	-	-	-	-	-	1,000	1,000	1,000	1,000	1,000
Total Unfunded Projects			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000	\$ 2,000	\$ 2,500	\$ 2,300	\$ 14,500
GRT-PARKS (202)												
Beginning Cash Balance			\$ 1,295	\$ 943	\$ 1,176	\$ 1,176	\$ 811	\$ 428	\$ 82	\$ (406)	\$ (1,113)	
Plus Projected Revenue			2,437	2,618	2,620	2,790	2,779	2,849	2,920	2,993	3,068	
Less Operating Expenditures			2,452	2,048	2,305	2,305	2,353	2,412	2,472	2,534	2,598	
Parks	Oper.	Ball field and Park Lighting Improvements - FY13	\$ -	\$ -	\$ 120	\$ 120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks	Oper.	Sports Complex Sewer-FY13	-	-	100	100	-	-	-	-	-	-
Parks	Oper.	BP Fountain Mechanical Dr	-	10	-	-	-	-	-	-	-	-
Parks	Museum	Museum Systems-Storage Units	10	10	-	-	-	-	-	-	-	-
Parks	Oper.	Park Improvements	-	-	71	71	-	-	-	-	-	-
Parks	Oper.	Automatic Gate Installation - Various Parks	-	22	-	-	-	-	-	-	-	-
Parks	Oper.	Parks Restrooms - Colinas Park (FY16)	100	-	100	100	-	-	-	100	-	-

CAPITAL IMPROVEMENT PLAN WORKSHEET (000's)			FY2014	Actual	FY2015	Anticipated to	FY2016	FY2017	FY2018	FY2019	FY2020	UNFUNDED
FY2016 BUDGET			BUDGET	Expenditures	BUDGET	be Spent in	BUDGET	BUDGET	PROJECTED	PROJECTED	PROJECTED	
Dept.	Division	Description		FY2014		FY2015	FY2015					
Parks	Oper.	River Area Trails-Bridge	125	-	125	125	-	-	-	-	-	-
Parks	Oper.	Mowing Equipment	92	112	55	55	-	-	-	-	-	-
Parks	Oper.	Playground Equipment Replacements	-	-	125	125	-	-	-	-	-	-
Parks	FAC	Aquatic Center Sand Filters-FY14	21	-	-	-	-	-	-	-	-	-
Parks	AS	Animal Shelter Landscaping - FY14	105	162	-	-	-	-	-	-	-	-
Parks	Aquatics	Lions Pool Surge Tanks-FY14	8	-	-	-	-	-	-	-	-	-
Parks	Oper.	Browning Land Purchase - FY15	-	-	104	104	100	100	100	100	-	-
Parks	Oper.	South Side River Trail FY15	-	-	50	50	97	-	-	-	-	-
Parks	Museum	Mezzanine for Collections Storage - FY16	-	-	-	-	-	-	-	-	55	-
Parks	AS	Animal Shelter/MOC Digital Sign - FY16	-	-	-	-	-	-	90	-	-	-
Parks	FAC	Aquatic Center Playground Replacement - FY16	-	-	-	-	-	150	-	-	-	-
Parks	FAC	Aquatic Center Scoreboard - FY16	-	-	-	-	8	-	-	-	-	-
Parks	FAC	Aquatic Center Renovate Slide Tower Structure - FY16	-	-	-	-	-	-	-	40	-	-
Parks	FAC	Aquatic Center Chlorine Feed System - FY16	-	-	-	-	20	-	-	-	-	-
Parks	FAC	Aquatic Center Tile - FY16	-	-	-	-	-	30	-	-	-	-
Parks	Oper.	Boyd Park - Upgrade or Enhance Water Access - FY16	-	-	-	-	-	-	-	-	50	-
Parks	Oper.	Brookside Park Basketball Courts - FY16	-	-	-	-	-	20	-	-	-	-
Parks	Golf	Civitan Park Relocation of Horseshoe Pit and Bocce Ball Area - FY16	-	-	-	-	-	50	-	-	-	-
Parks	Golf	Civitan Park ADA Accessibility - FY16	-	-	-	-	-	-	100	-	-	-
Parks	Oper.	Animas Park - Improve Launch Area - FY16	-	-	-	-	-	30	-	-	-	-
Parks	Oper.	Fairgrounds Ball Fields Improvement to Lighting and Field - FY16	-	-	-	-	-	-	-	-	155	-
Parks	FIC	Indian Center Walk Way and Awning - FY16	-	-	-	-	10	-	-	-	-	-
Parks	Aquatics	Lions Pool Heater Replacement - FY16	-	-	-	-	-	38	-	-	-	-
Parks	Aquatics	Lions Pool Grounding and Bonding - FY16	-	-	-	-	-	15	-	-	-	-
Parks	Aquatics	Lions Pool Building Improvement - Lifeguard and Break Rooms - FY16	-	-	-	-	-	-	20	-	-	-
Parks	Oper.	Lions Wilderness Amphitheater ADA Updates - FY16	-	-	-	-	-	-	-	-	60	-
Parks	Museum	Museum - Palmer House Roof Enclosure - FY16	-	-	-	-	-	-	-	-	35	-
Parks	Museum	Museum Digital Sign - FY16	-	-	-	-	69	-	-	-	-	-
Parks	Oper.	Penny Lane Redevelopment- FY16	-	-	-	-	100	-	-	-	-	-
Parks	Oper.	Equipment - FY16	-	-	-	-	90	-	-	-	-	-
Parks	Golf	Pinon Hills Golf Course Equipment Upgrades - FY16	-	-	-	-	-	125	90	120	-	-
Parks	Golf	Pinon Hills Golf Course Cart Paths - FY16	-	-	-	-	-	-	60	-	-	-
Parks	Golf	Pinon Hills Golf Course Restroom Renovation - FY16	-	-	-	-	20	-	-	-	-	-
Parks	Golf	Pinon Hills Golf Course Rough Mower Replacement - FY16	-	-	-	-	45	-	-	-	-	-
Parks	Golf	Pinon Hills Golf Course POS System - FY16	-	-	-	-	-	25	-	-	-	-
Parks	Oper.	Playground Equipment Replacements - Foothills and Beckland Hills - FY16	-	-	-	-	250	-	-	-	-	-
Parks	Oper.	Playground Equipment Replacements - Fairgrounds - FY16	-	-	-	-	-	150	-	-	-	-
Parks	Oper.	Playground Equipment Replacements - Berg Park, Brookhaven Park, and Northridge Park	-	-	-	-	-	-	375	-	-	-
Parks	Rec Ctr	Recreation Center Gym Flooring - FY16	-	-	-	-	-	-	100	-	-	-
Parks	Rec Ctr	Recreation Center Gym Divider- FY16	-	-	-	-	-	-	-	100	-	-
Parks	Oper.	Ricketts Park Irrigation Upgrade - FY16	-	-	-	-	-	30	-	-	-	-
Parks	Sycamore	Sycamore Park Community Center Upgrade Sign - FY16	-	-	-	-	-	-	-	-	25	-
Parks	Sycamore	Sycamore Park CC Upgrade and Add Shelter - FY16	-	-	-	-	-	-	-	-	250	-
Parks	Oper.	Vietnam Park ADA Upgrades - FY16	-	-	-	-	-	-	20	75	-	-
Total Capital Expenditures			\$ 460	\$ 336	\$ 850	\$ 850	\$ 809	\$ 783	\$ 935	\$ 1,165	\$ -	\$ -
Equals Ending Cash Balance			\$ 821	\$ 1,176	\$ 641	\$ 811	\$ 428	\$ 82	\$ (406)	\$ (1,113)	\$ (643)	
PROJECTS FOR DISCUSSION												
Parks	FAC	Aquatic Center Improvements and Upgrades - FY16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,066
Parks	Oper	Anesi Park and Trail - FY16	-	-	-	-	-	-	-	-	-	750
Parks	Oper	Gateway Park - FY16	-	-	-	-	-	-	-	-	-	300
Parks	Oper	Gwynhaven Park - FY16	-	-	-	-	-	-	-	-	-	750
Parks	Oper	Lake Farmington Phase III - FY16	-	-	-	-	-	-	-	-	-	2,750
Parks	Oper	Total Park - FY16	-	-	-	-	-	-	-	-	-	3,000
Parks	Oper	Sports Complex Synthetic Field - FY16	-	-	-	-	-	-	-	-	-	750
Parks	Pools	Brookside Upgrade to Interactive Splash Park - FY16	-	-	-	-	-	-	-	-	-	2,500
Parks	Rec Center	Multi-Generation Recreation Facility - FY16	-	-	-	-	-	-	-	-	-	8,000
Total Unfunded Projects			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	19,866
PARK DEVELOPMENT FEES (211)												
Beginning Cash Balance			\$ 359	\$ 354	\$ 366	\$ 366	\$ 373	\$ 256	\$ 263	\$ 271	\$ 278	
Plus Projected Revenue			17	12	7	7	8	8	8	8	8	
Less Operating Expenditures			-	-	-	-	-	-	-	-	-	
Parks	Oper.	Lake Farmington Design and Construction Documents - FY16	\$ -	\$ -	\$ -	\$ -	\$ 125	\$ -	\$ -	\$ -	\$ -	-
Total Capital Expenditures			\$ -	\$ -	\$ -	\$ -	\$ 125	\$ -	\$ -	\$ -	\$ -	-
Equals Ending Cash Balance			\$ 376	\$ 366	\$ 373	\$ 373	\$ 256	\$ 263	\$ 271	\$ 278	\$ 286	
PARKS GIFTS AND GRANTS FUND (214)												
Beginning Cash Balance			\$ 875	\$ 939	\$ 690	\$ 690	\$ 142	\$ 110	\$ 181	\$ 239	\$ 292	
Plus Projected Revenue			669	497	372	70	370	93	93	93	93	

CAPITAL IMPROVEMENT PLAN WORKSHEET (000's) FY2016 BUDGET			FY2014 BUDGET	Actual Expenditures FY2014	FY2015 BUDGET	Anticipated to be Spent in FY2015	FY2016 BUDGET	FY2017 BUDGET	FY2018 PROJECTED	FY2019 PROJECTED	FY2020 PROJECTED	UNFUNDED
Dept.	Division	Description										
Less Operating Expenditures			414	517	214	116	128	12	25	30	25	
Parks	Oper.	Park Improvements	\$ 235	\$ -	\$ -	\$ 60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks	Oper.	Medians/Concrete Work	85	-	85	85	10	10	10	10	10	-
Parks	Oper.	Berg Park Exercise Equipment	-	23	-	-	-	-	-	-	-	-
Parks	Oper.	Landscaping - 20th and Municipal	-	9	-	-	-	-	-	-	-	-
Parks	Anasazi	Anasazi Projects	5	-	-	-	-	-	-	-	-	-
Parks	Oper	Berg Park Automatic Solar Gates	-	-	-	17	-	-	-	-	-	-
Parks	Oper	Lion's Wilderness Automatic Solar Gates	-	-	-	17	-	-	-	-	-	-
Parks	Animal Shelter	Animal Shelter	190	198	-	-	-	-	-	-	-	-
Parks	Rec Cntr	Recreation Center Basketball Goals - FY15	-	-	15	15	-	-	-	-	-	-
Parks	Senior Center	ADA Door Openers FY15	-	-	16	5	-	-	-	-	-	-
Parks	Civic Center	Upgrade Lights FY15	-	-	28	28	-	-	-	-	-	-
Parks	SPCC	Sycamore Park Community Center Shade Cover at Skate Park FY15	-	-	15	17	-	-	-	-	-	-
Parks	FAC	Replace Lockers - FY15	-	-	90	90	-	-	-	-	-	-
Parks	Golf	Irrigation Pump/Pump House at Pinon Hills Golf Course FY15	-	-	200	150	-	-	-	-	-	-
Parks	Museum	E3 Children's Museum - Upgrade Lighting FY15	-	-	23	17	-	-	-	-	-	-
Parks	Senior Center	Vehicles - FY16	-	-	70	-	70	-	-	-	-	-
Parks	Senior Center	Addition to Ceramic Kiln Building - FY16	-	-	60	-	60	-	-	-	-	-
Parks	Senior Center	Drainage Project - FY16	-	-	62	-	62	-	-	-	-	-
Parks	Senior Center	Addition to Greenhouse (30' X 48') - FY16	-	-	8	-	26	-	-	-	-	-
Parks	Senior Center	Equipment - Salad Bar - FY16	-	-	-	-	7	-	-	-	-	-
Parks	Senior Center	Senior Center Floor Tile Replacement - FY16	-	-	-	-	20	-	-	-	-	-
Parks	Senior Center	Senior Center Improvements - ADA Compliance - FY16	-	-	20	-	20	-	-	-	-	-
Total Capital Expenditures			\$ 515	\$ 230	\$ 692	\$ 502	\$ 275	\$ 10	\$ 10	\$ 10	\$ 10	\$ -
Equals Ending Cash Balance			\$ 614	\$ 690	\$ 156	\$ 142	\$ 110	\$ 181	\$ 239	\$ 292	\$ 350	
COMM DEVELOPMENT BLOCK GRANT (CDBG) (223)												
Beginning Cash Balance			\$ 196	\$ -	\$ 45	\$ 45	\$ 386	\$ 387	\$ 378	\$ 363	\$ 339	\$ -
Plus Projected Revenue			806	692	568	568	721	365	357	350	343	-
Transfer from 401 Fund			-	116	-	-	-	-	-	-	-	-
Less Operating Expenditures			550	77	184	184	144	147	147	148	149	-
Comm Dev.	Admin.	Downtown Gateway Signage	\$ 60	\$ 12	\$ 30	\$ -	\$ 30	\$ -	\$ -	\$ -	\$ -	\$ -
Comm Dev.	Admin.	CDBG Capital Projects	217	674	354	43	226	226	226	226	226	-
Comm Dev.	Admin.	Joint Intervention Program Facility Development and Construction - FY16	-	-	-	-	320	-	-	-	-	-
Total Capital Expenditures			\$ 277	\$ 687	\$ 384	\$ 43	\$ 576	\$ 226	\$ 226	\$ 226	\$ 226	\$ -
Equals Ending Cash Balance			\$ 175	\$ 45	\$ 45	\$ 386	\$ 387	\$ 378	\$ 363	\$ 339	\$ 307	
PUBLIC WORKS CAPITAL GRANT PROJECTS (401)												
Beginning Cash Balance			\$ 2,303	\$ 1,387	\$ 896	\$ 896	\$ 91	\$ -	\$ -	\$ -	\$ -	\$ -
Plus Projected Revenue			2,761	341	6,105	2,237	4,188	640	189	309	-	-
Transfer from 201 Fund			-	-	-	-	781	116	60	90	-	-
Less Operating Expenditures			-	116	-	-	-	-	-	-	-	-
Public Wks.	Streets	Pinon Hills Bridge Project - Phase I	\$ 400	\$ 189	\$ 750	\$ 600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Wks.	Streets	Moving Ahead for Progress in the 21st Century Project- Apache Repaving	-	243	-	-	-	-	-	-	-	-
Public Wks.	Streets	Safety Projects - Safe Routes to School	500	-	-	-	-	-	-	-	-	-
Public Wks.	Streets	Safe Routes to School-Phase I	-	-	242	242	-	-	-	-	-	-
Public Wks.	Streets	Safe Routes to School-Phase II	-	26	217	217	-	-	-	-	-	-
Public Wks.	Streets	Local Government Road Fund Projects-20th Street Municipal to	-	-	328	328	-	150	-	150	-	-
Public Wks.	Streets	Transportation Enhancements Projects-Sidewalks	600	-	-	-	-	-	-	-	-	-
Public Wks.	Streets	Piedra Vista Secondary Access-FY11	450	-	-	-	-	-	-	-	-	-
Public Wks.	Streets	Moving Ahead for Progress in the 21st Century Projects- Municipal Drive FY14	355	234	120	120	-	-	-	-	-	-
Public Wks.	Streets	Safety Projects- Signal Adaptive Control FY14	500	14	-	-	-	-	-	-	-	-
Public Wks.	Streets	Safety Funds - Traffic Signal FY14	375	-	500	500	-	-	-	-	-	-
Public Wks.	Streets	Moving Ahead for Progress in the 21st Century Projects- Foothills Enhancements Phase 1-FY15	-	-	1,000	350	950	-	-	-	-	-
Public Wks.	Streets	Safety Projects- San Juan Blvd/Scott Intersection Design FY15	500	-	60	50	10	355	-	-	-	-
Public Wks.	Streets	Transportation Alternatives Program Projects-Pinon Hills Sidewalks - FY15	-	-	537	537	-	-	-	-	-	-
Public Wks.	Streets	Transportation Alternatives Program Projects-20th Street Sidewalk Project (Phase I and II) - FY16	-	9	249	100	400	251	249	249	-	-
Public Wks.	Streets	Pinon Hills Bridge Project NM516 to Hubbard - FY16	-	-	3,000	-	3,700	-	-	-	-	-
Total Capital Expenditures			\$ 3,680	\$ 715	\$ 7,002	\$ 3,043	\$ 5,060	\$ 756	\$ 249	\$ 399	\$ -	\$ -
Equals Ending Cash Balance			\$ 1,385	\$ 896	\$ -	\$ 91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECTS FOR DISCUSSION												
Public Wks.	Streets	EPHB-Bridge Project	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250	\$ -	\$ -	\$ 14,000	\$ -
Total Unfunded Projects			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250	\$ -	\$ -	\$ 14,000	\$ -

CAPITAL IMPROVEMENT PLAN WORKSHEET (000's) FY2016 BUDGET			FY2014 BUDGET	Actual Expenditures FY2014	FY2015 BUDGET	Anticipated to be Spent in FY2015	FY2016 BUDGET	FY2017 BUDGET	FY2018 PROJECTED	FY2019 PROJECTED	FY2020 PROJECTED	UNFUNDED
Dept.	Division	Description										
GRT 2012 BOND PROJECTS (402)												
Beginning Cash Balance			\$ 5,929	\$ 5,561	\$ 4,423	\$ 4,423	\$ 349	\$ -	\$ -	\$ -	\$ -	
		Plus Interest Earnings	20	43	18	18	2	-	-	-	-	
		Tax Severance Bond	2,389	2,349	-	-	-	-	-	-	-	
		Funds from San Juan County	650	650	-	-	-	-	-	-	-	
Parks	Animal Shelter	Regional Animal Shelter-FY09	\$ 2,253	\$ 1,936	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks	Civic Center	Civic Center Exhibit Hall Remodel-FY12	-	31	-	-	-	-	-	-	-	-
Fire	Operations	Fire Station #1 Replacement-FY12	2,912	46	3,787	3,456	350	-	-	-	-	-
Parks	Museum	Museum Expansion Phase 2-FY12	2,250	1,982	4	4	-	-	-	-	-	-
Public Wks.	Streets	Storm System Lakewood Pond-FY12	1,000	184	632	632	-	-	-	-	-	-
Admn.	Admn.	Reserve Contingency-FY12	573	-	-	-	-	-	-	-	-	-
Total Capital Expenditures			\$ 8,988	\$ 4,179	\$ 4,423	\$ 4,092	\$ 350	\$ -	\$ -	\$ -	\$ -	\$ -
Equals Ending Cash Balance			\$ -	\$ 4,423	\$ 18	\$ 349	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GENERAL GOVERNMENTAL CAPITAL PROJECTS FUND (408)												
Beginning Cash Balance			\$ 5,712	\$ 5,635	\$ 3,380	\$ 3,380	\$ 2,174	\$ 1,043	\$ 1,043	\$ 1,043	\$ 1,043	
		Plus Transfer from General Fund-Cash Reserve	-	2,851	3,235	3,235	3,832	-	-	-	-	-
		Interest Earnings	15	27	20	20	20	-	-	-	-	-
		Less Operating Expenditures	500	11	40	-	40	-	-	-	-	-
		Less Transfer To General Fund	3,500	4,000	2,600	2,600	3,000	-	-	-	-	-
		Less Transfer to MRA Fund	-	-	500	500	-	-	-	-	-	-
Admn.	Intra-Govnt	FCC Radio Upgrade	\$ -	\$ 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Gen. Serv.	Admn.	Roof Replacement-M Moose	30	-	-	-	-	-	-	-	-	-
Fire	Operations	Fire Station #5 Addition	-	84	-	-	-	-	-	-	-	-
Gen. Serv.	Admn.	Roof Replacement-Navajo Art Museum	-	11	-	-	-	-	-	-	-	-
Parks	Operations	Ricketts Park renovations	20	-	-	-	-	-	-	-	-	-
Gen. Serv.	Admn.	MOC Parking Lot-FY12	201	-	201	-	201	-	-	-	-	-
Admn.	Info. Tech.	Fiber-Various Facilities-FY12	122	65	54	54	-	-	-	-	-	-
Gen. Serv.	Admn.	Roof Replacement-Downtown Center-FY12	45	-	-	-	-	-	-	-	-	-
Gen. Serv.	Veh. Maint	Roof Replacement-Vehicle Maint.-FY12	43	77	-	-	-	-	-	-	-	-
Police	Admn.	Safety City/Police Network Upgrades-FY12	63	-	-	-	-	-	-	-	-	-
Fire	Operations	PPE and Inventory Buildings -FY12	180	-	99	6	92	-	-	-	-	-
Pub. Wks.	Streets	Additional Street Paving-FY12	450	470	-	-	-	-	-	-	-	-
Pub. Wks.	Streets	Storm Drain Action Plan-FY14	-	63	725	600	125	-	-	-	-	-
Parks	Operations	Sports Complex Concrete FY16	-	-	-	-	200	-	-	-	-	-
Gen. Serv.	Community Services	Joint Intervention Program Building	-	-	-	-	425	-	-	-	-	-
Admn.	Intra-Govnt	Additional vehicles-FY14	350	350	-	-	-	-	-	-	-	-
Admn.	Intra-Govnt	Additional vehicles-FY15	-	-	700	700	-	-	-	-	-	-
Admn.	Intra-Govnt	Additional vehicles-FY16	-	-	-	-	900	-	-	-	-	-
		available for new projects	223	-	-	-	-	-	-	-	-	-
Total Capital Expenditures			\$ 1,727	\$ 1,124	\$ 1,779	\$ 1,361	\$ 1,943	\$ -	\$ -	\$ -	\$ -	\$ -
Equals Ending Cash Balance			\$ 3,500	\$ 3,380	\$ 1,716	\$ 2,174	\$ 1,043	\$ 1,043	\$ 1,043	\$ 1,043	\$ 1,043	
AIRPORT GRANTS FUND (409)												
Beginning Cash Balance			\$ 59	\$ 145	\$ 84	\$ 84	\$ 30	\$ -	\$ -	\$ -	\$ -	
		Plus Projected Revenue	1,420	1,587	2,699	2,699	1,691	-	-	-	-	-
		Plus Transfer from General Fund	29	29	42	42	25	-	-	-	-	-
		Less Operating Expenditures	30	26	108	108	-	-	-	-	-	-
Gen. Serv.	Airport	Animal Control Fence-Phase 2	\$ 200	\$ 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Gen. Serv.	Airport	Runway 7/25 Por Fric Course- Construction	-	2	1,400	1,400	-	-	-	-	-	-
Gen. Serv.	Airport	Land Acquisition - 1/2 Acre Near Airport	-	-	150	150	-	-	-	-	-	-
Gen. Serv.	Airport	Taxiway A Reconstruction Hot Spot/Electrical	-	-	-	-	-	-	-	-	-	1,025
Gen. Serv.	Airport	Reconstruct Taxiway B - FY14	1,250	1,618	215	215	-	-	-	-	-	-
Gen. Serv.	Airport	Runway 7/25 Design and Construction of Erosion Control and Drainage - FY15	-	-	708	708	-	-	-	-	-	-
Gen. Serv.	Airport	Taxiway E, F, and G Rehab Design Only - FY15	-	-	214	214	-	-	-	-	-	-
Gen. Serv.	Airport	Rehab Taxiway E, F, and G - FY16	-	-	-	-	1,746	-	-	-	-	-
Total Capital Expenditures			\$ 1,450	\$ 1,651	\$ 2,688	\$ 2,688	\$ 1,746	\$ -	\$ -	\$ -	\$ -	\$ 1,025
Equals Ending Cash Balance			\$ 28	\$ 84	\$ 30	\$ 30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
METROPOLITAN REDEVELOPMENT AUTHORITY FUND (411)*												
Beginning Cash Balance			\$ -	\$ -	\$ 503	\$ 503	\$ 940	\$ 809	\$ 809	\$ 809	\$ 809	
		Plus Projected Revenue	3	3	3	3	4	-	-	-	-	-
		Transfer from the 408	500	500	500	500	-	-	-	-	-	-
		Less Operating Expenditures	25	-	60	-	60	-	-	-	-	-
Comm. Dev.	MRA	Downtown Gateway Signage	\$ 75	\$ -	\$ 75	\$ -	\$ 75	\$ -	\$ -	\$ -	\$ -	\$ -
Comm. Dev.	MRA	Land Purchase - River	-	-	66	66	-	-	-	-	-	-
Comm. Dev.	MRA	Future Projects	400	-	299	-	-	-	-	-	-	-
Total Capital Expenditures			\$ 475	\$ -	\$ 440	\$ 66	\$ 75	\$ -	\$ -	\$ -	\$ -	\$ -
Equals Ending Cash Balance			\$ 3	\$ 503	\$ 506	\$ 940	\$ 809	\$ 809	\$ 809	\$ 809	\$ 809	

* This fund was established in FY14.

CAPITAL IMPROVEMENT PLAN WORKSHEET (000's) FY2016 BUDGET			FY2014 BUDGET	Actual Expenditures FY2014	FY2015 BUDGET	Anticipated to be Spent in FY2015	FY2016 BUDGET	FY2017 BUDGET	FY2018 PROJECTED	FY2019 PROJECTED	FY2020 PROJECTED	UNFUNDED
Dept.	Division	Description										
CONVENTION CENTER CAPITAL PROJECT FUND (415)*												
Beginning Cash Balance			\$ -	\$ -	\$ 1,100	\$ 1,100	\$ 237	\$ 1	\$ 1	\$ 1	\$ 1	
Plus Projected Revenue			-	-	1	1	1	-	-	-	-	
Less Operating Expenditures			-	-	-	-	-	-	-	-	-	
Parks	Civic Center	Daily Times Property	\$ -	\$ -	\$ 850	\$ 864	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Parks	Civic Center	Civic Center Renovation Design	-	-	250	-	237	-	-	-	-	-
Total Capital Expenditures			\$ -	\$ -	\$ 1,100	\$ 864	\$ 237	\$ -	\$ -	\$ -	\$ -	\$ -
Equals Ending Cash Balance			\$ -	\$ -	\$ 1	\$ 237	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	
* This fund was established in FY15.												
ELECTRIC ENTERPRISE FUND (601)												
Beginning Cash Balance			\$ 74,000	\$ 63,370	\$ 63,917	\$ 63,923	\$ 62,231	\$ 54,737	\$ 48,260	\$ 35,875	\$ 24,848	
Plus Revenue			101,371	101,697	102,836	105,189	105,840	104,616	107,755	110,987	114,317	
Less Operating Expenditures			83,268	98,937	94,828	84,831	80,060	83,199	85,695	88,266	90,031	
Less Non-Construction Capital Expenditures			2,260	942	2,099	2,152	1,751	2,284	2,353	2,423	2,496	
Less San Juan #4 Capital Expenditures			1,079	173	2,012	2,012	6,245	537	553	570	587	
Electric	Admin	Physical Access Control and Monitoring system upgrade - MOC/Animas	\$ -	\$ -	\$ 120	\$ 120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric	Admin	MOC Entrance Road Realignment	200	-	-	-	-	-	-	-	-	-
Electric	Admin.	MOC Security	-	49	-	-	-	-	-	-	-	-
Electric	Admin.	MOC Office Reconfiguration	-	53	-	-	-	-	-	-	-	-
Electric	Admin.	Tools and Shop Equipment	-	171	-	-	-	-	-	-	-	-
Electric	Admin.	Computer Software	-	11	-	-	-	-	-	-	-	-
Electric	Vehicles	Vehicles	\$ -	\$ 904	\$ -	\$ -	\$ 994	\$ -	\$ -	\$ -	\$ -	\$ -
Electric	Operations	Truck-Equipment Canopy	\$ -	\$ -	\$ -	\$ -	\$ 1,600	\$ -	\$ -	\$ -	\$ -	\$ -
Electric	Building	Transformer Shop Addition	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric	Commun.	Fiber Optics-Hood Mesa to West Loop	\$ 350	\$ -	\$ 350	\$ 350	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric	Commun.	Fiber Optics Lee Acres Sub to Bergin Sub	350	-	-	-	-	-	-	-	-	-
Electric	Commun.	Animas to Bisti Fiber Optic	-	-	-	-	450	-	-	-	-	-
Electric	Commun.	Fiber Optics-MOC to Bergin Sub	-	130	-	-	-	-	-	-	-	-
Electric	Commun.	West Loop to Twin Peaks Fiber Optic	-	-	-	-	-	350	-	-	-	-
Electric	Commun.	Fiber Optics-Sullivan to Hood Mesa	-	24	-	-	-	-	-	-	-	-
Electric	Commun.	Fiber Optics-Lakeview to Vista	-	429	-	-	-	-	-	-	-	-
Electric	Commun.	GPS Base Station for Engineering	-	20	-	-	-	-	-	-	-	-
Electric	Commun.	Installation of Distribution Automation in Middle Mesa	-	-	300	150	-	-	-	-	-	-
Electric	Commun.	Fiber Optics Alternate Fiber Path to WAPA	300	-	350	350	-	-	-	-	-	-
Electric	Commun.	Fiber Optics-Turley to Navajo Dam	-	177	-	-	-	-	-	-	-	-
Electric	Commun.	Hart Canyon to Cedar Hill Fiber Optic	-	-	-	-	-	-	-	200	-	-
Electric	Commun.	OC-48 Upgrade Ring 2	-	-	100	100	210	-	-	-	-	-
Electric	Commun.	System Wide Fiber Improvements	100	11	-	-	100	50	50	50	50	50
Electric	Commun.	Replacement of System Control Phone/Radio Consoles	-	-	150	240	-	-	-	-	-	-
Electric	Commun.	Chaco Fiber Node	-	-	-	-	40	-	-	-	-	-
Electric	Commun.	Tank Mountain Microwave Radio Upgrade	-	-	-	-	-	300	-	-	-	-
Electric	Dist	Pine River Substation extension to Pump Canyon Feeder 4702/1302	\$ -	\$ -	\$ 600	\$ 440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric	Dist	Conversion Circuit 2302	250	5	-	-	-	-	-	-	-	-
Electric	Dist	Reconductor Circuits 4703 and 2401	539	-	-	-	-	-	-	-	-	-
Electric	Dist	Reconductor and Conversion Circuit 4501	434	-	-	-	-	-	-	-	-	-
Electric	Dist	Install Dist. Automation @ Middle Mesa	286	-	-	-	-	-	-	-	-	-
Electric	Dist	Distribution projects: Underground	-	-	500	1,000	1,500	1,000	2,000	2,100	2,250	2,500
Electric	Dist	Feeder 2401 Re-route	-	-	131	3	50	-	-	-	-	-
Electric	Dist	Feeder 842 Rebuild	-	-	225	-	-	325	-	-	-	-
Electric	Dist	Distribution Future	-	-	-	-	-	650	750	750	750	750
Electric	Dist.	Distribution Projects: Overhead	-	-	-	-	-	-	2,000	2,100	2,250	2,500
Electric	Dist.	Feeders 4701 and 4702 Conversion	-	-	750	750	150	-	-	-	-	-
Electric	Dist.	Reconductor Circuit 1101 - Aztec Substation	-	71	-	-	-	-	-	-	-	-
Electric	Dist.	Rebuild Feeder 1101	-	-	155	-	-	-	-	-	-	-
Electric	Dist.	Conversion Circuit 2403	321	-	1,100	1,100	-	-	-	-	-	-
Electric	Dist.	Reconductor Circuit 4805	-	-	300	300	-	-	-	-	-	-
Electric	Dist.	Feeder 2602 Rebuild	-	-	-	-	-	-	650	-	-	-
Electric	Dist.	Feeder 2204 - New	-	-	-	-	398	-	-	-	-	-
Electric	Dist.	Feeder 2205 - Ext.	-	-	-	-	-	-	401	-	-	-
Electric	Dist.	Feeder 2703-UG-Country Club	-	-	-	-	50	500	500	-	-	-
Electric	Dist.	Distribution Upgrades	-	-	-	-	1,200	1,200	1,400	1,400	1,500	1,500
Electric	Dist.	Feeders Aztec Substation	-	-	-	-	200	-	-	-	-	-
Electric	Dist.	Feeder 4808 - Rebuild	-	-	-	-	-	450	-	-	-	-
Electric	Dist.	Feeder 4501/4502 - Rebuild	-	-	-	-	975	-	-	-	-	-
Electric	Dist.	Feeder 1103 Rebuild	-	-	-	-	600	-	-	-	-	-

CAPITAL IMPROVEMENT PLAN WORKSHEET (000's)			FY2014	Actual	FY2015	Anticipated to	FY2016	FY2017	FY2018	FY2019	FY2020	UNFUNDED
FY2016 BUDGET			BUDGET	Expenditures	BUDGET	be Spent in	BUDGET	BUDGET	PROJECTED	PROJECTED	PROJECTED	
Dept.	Division	Description		FY2014		FY2015						
Electric	Dist.	Feeder 2603 Rebuild	-	-	-	-	1,000	-	-	-	-	-
Electric	Dist.	Main Street Rebuild Street Lights	-	-	-	-	500	-	-	-	-	-
Electric	Dist.	Feeder 2702 - Rebuild	-	-	-	-	-	710	-	-	-	-
Electric	Dist.	Feeder 1301 and 1302 Rebuild	-	-	-	-	-	755	-	-	-	-
Electric	Dist.	Feeder 901 Rebuild	-	-	-	-	-	325	-	-	-	-
Electric	Dist.	Feeder 2206	-	-	-	-	-	-	750	-	-	-
Electric	New Development	Customer Work Orders	2,015	1,850	2,750	4,000	2,800	2,842	2,885	2,928	2,972	3,016
Electric	Dist.	GPS Point Inventory	-	67	750	600	301	-	-	-	-	-
Electric	Metering	Upgrade TS1 to PLX	\$ -	\$ -	\$ 730	\$ 730	\$ 1,090	\$ 500	\$ 750	\$ 500	\$ 500	\$ 500
Electric	Product.	5 MW Solar Facility	\$ -	\$ -	\$ 200	\$ -	\$ 4,000	\$ 4,000	\$ -	\$ -	\$ -	\$ -
Electric	Product.	Animas: CT Rehab and Demolition - North CT	524	223	-	-	-	-	-	-	-	-
Electric	Product.	Animas: Foxboro Systems Upgrade	-	-	210	125	-	-	-	-	-	-
Electric	Product.	Animas: Little Hydro Mechanical & Electrical	220	22	400	-	400	-	-	-	-	-
Electric	Product.	Animas: UPS System Improvements	-	299	-	-	-	-	-	-	-	-
Electric	Product.	Animas: NPDES Projects	1,250	72	-	-	-	-	-	-	-	-
Electric	Product.	Animas: Cooling Systems Upgrade	-	-	100	318	-	-	-	-	-	-
Electric	Product.	Animas: Soft Start for GT Motor	35	-	-	-	-	-	-	-	-	-
Electric	Product.	Animas: Arc Flash Upgrades	-	466	-	-	-	-	-	-	-	-
Electric	Product.	Animas: CGT Starting Reliability Upgrades	-	-	175	-	-	-	-	-	-	-
Electric	Product.	Bluffview: Foxboro Systems Upgrade	-	-	200	34	-	-	-	-	-	-
Electric	Product.	Bluffview: Anti-icing Phase II	350	1,006	-	-	-	-	-	-	-	-
Electric	Product.	Bluffview: MSS Actuator	43	43	-	-	-	-	-	-	-	-
Electric	Product.	Bluffview: Step-up Transformer Fire Protection	-	-	159	-	200	-	-	-	-	-
Electric	Product.	Bluffview: MSS Installation	-	-	100	-	-	200	-	-	-	-
Electric	Product.	Bluffview: NPDES Projects	500	91	2,500	915	-	-	-	-	-	-
Electric	Product.	Bluffview: CT Rehab (Drift Eliminator, Louvers, Windwall)	530	247	-	-	-	-	-	-	-	-
Electric	Product.	Bluffview: Vacuum Pump and Motor - Spare	90	27	-	-	-	-	-	-	-	-
Electric	Product.	Bluffview: Condensate Motor and Pump - Spare	100	133	-	-	-	-	-	-	-	-
Electric	Product.	Bluffview: Arc Flash	-	19	50	23	-	-	-	-	-	-
Electric	Product.	Bluffview: Spare Motor for Circulating Pump	-	-	-	-	45	-	-	-	-	-
Electric	Product.	Bluffview: Spare HMI Computer	-	-	-	-	15	-	-	-	-	-
Electric	Product.	Bluffview: Woodward Controls	-	-	-	-	-	600	-	-	-	-
Electric	Product.	Navajo: Replace Unit Controls	-	13	-	-	-	-	-	-	-	-
Electric	Product.	Navajo: Air Compressor Replacement	-	-	25	25	100	-	-	-	-	-
Electric	Product.	Navajo: Arc Flash Study	-	-	16	16	-	-	-	-	-	-
Electric	Product.	Navajo: Unit #2 Runner Replacement	-	-	-	-	800	-	-	-	-	-
Electric	Product.	Navajo: Unit 1 Turbine Runner Replacement	600	506	490	750	-	-	-	-	-	-
Electric	Product.	Navajo: Surveillance System	-	-	-	-	80	-	-	-	-	-
Electric	Product.	Navajo: Yokogawa Computer	-	-	-	-	15	-	-	-	-	-
Electric	Subs	Animas Substation - New	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500	\$ -	\$ -	\$ -	\$ -
Electric	Subs	Pine River Sub - Reconducting #2 to #336	-	131	-	-	-	-	-	-	-	-
Electric	Subs	Pump Canyon Sub - Upgrade Regulators	-	-	60	60	-	-	-	-	-	-
Electric	Subs	Bergin Substation - New 115kV	-	-	-	-	1,750	750	-	-	-	-
Electric	Subs	Ancient Trails - New Sub	-	-	15	15	-	-	250	3,500	-	-
Electric	Subs	Ancient Trails - New Sub	-	-	15	15	-	250	2,750	-	-	-
Electric	Subs	Speedway Substation - New	-	-	15	-	-	-	-	-	-	-
Electric	Subs	Animas - 13.8kV Switchgear	-	-	35	75	-	-	-	-	-	-
Electric	Subs	Turley Distribution Circuit	860	117	-	-	-	-	-	-	-	-
Electric	Subs	Fruitland Substation Upgrade	-	287	-	-	-	-	-	-	-	-
Electric	Subs	Aztec Substation Refurbishment	1,766	13	-	-	-	-	-	-	-	-
Electric	Subs	Sullivan Substation - Install 3-phase Reclosers	-	5	-	-	-	-	-	-	-	-
Electric	Subs	San Juan Substation - Install Cooper Nova 3-Phase Reclosers	-	6	-	-	-	-	-	-	-	-
Electric	Subs	Foothills Substation - Install Cooper Nova 3-Phase Reclosers	-	10	-	-	-	-	-	-	-	-
Electric	Subs	Animas Transformer Replacements	1,700	1,248	-	-	-	-	-	-	-	-
Electric	Subs	Refinery Substation	315	55	-	-	-	-	-	-	-	-
Electric	Subs	Hood Mesa Upgrade	262	1	-	-	-	-	-	-	-	-
Electric	Subs	Cottonwood Sub - New	-	-	250	4	-	2,500	2,500	-	-	-
Electric	Subs	Chaco - Breaker/Relay Replacement	-	-	350	185	-	-	-	-	-	-
Electric	Subs	Twin Peaks Sub - New	-	-	250	-	-	-	5,000	-	-	-
Electric	Subs	Aztec Sub - New	-	-	2,650	700	1,500	-	-	-	-	-
Electric	Subs	Bloomfield - 13.8kV Switchgear	-	-	-	-	-	-	-	25	456	-
Electric	Subs	Cedar Hill Substation	-	-	-	-	-	-	-	-	2,400	-
Electric	Subs	Lee Acres Transformer Replacement	-	653	-	-	-	-	-	-	-	-
Electric	Subs	Animas Transformer Replacements X42	-	-	165	-	-	-	-	-	-	-
Electric	Subs	Animas Transformer Replacements X12	-	-	215	1	-	-	-	-	-	-
Electric	Subs	Mesa - Replace 15kV Equipment	-	81	-	-	-	-	-	-	-	-
Electric	Subs	115kV Capacitor Bank	-	-	-	-	750	-	-	-	-	-
Electric	Subs	Foothills - 13.8kV Switchgear	-	-	-	-	-	-	37	819	-	-
Electric	Subs	Hogback North - New Sub	-	-	-	-	-	-	4,000	-	-	-
Electric	Subs	Lakeview - 13.8kV Switchgear	-	-	-	-	-	-	37	858	-	-
Electric	Subs	LaPlata - 13.8kV Switchgear	-	-	-	-	-	-	-	25	465	-
Electric	Subs	PLX Meter Prep	-	-	-	-	150	150	150	150	150	-
Electric	Subs	Westfork 115kV Relay Replacement	-	-	-	-	65	762	-	-	-	-

CAPITAL IMPROVEMENT PLAN WORKSHEET (000's)			FY2014	Actual	FY2015	Anticipated to	FY2016	FY2017	FY2018	FY2019	FY2020	UNFUNDED
FY2016 BUDGET			BUDGET	Expenditures	BUDGET	be Spent in	BUDGET	BUDGET	PROJECTED	PROJECTED	PROJECTED	
Dept.	Division	Description		FY2014		FY2015						
Electric	Subs	San Juan Relay Replacement	-	-	-	-	-	480	-	-	-	-
Electric	Subs	Hare - Relay Replacement	-	-	-	-	-	65	600	-	-	-
Electric	Subs	Blanco - SCADA Hardware	-	-	-	-	-	34	-	-	-	-
Electric	Subs	Lakeview - 115kV Relay Replacement	-	-	-	-	-	40	330	-	-	-
Electric	Subs	Shiprock - SCADA Hardware	-	-	-	-	-	33	-	-	-	-
Electric	Subs	Relay SCADA Upgrade and Replacement	-	-	-	-	-	-	400	1,100	1,200	-
Electric	Substation	Sullivan Substation Replacement	\$ 165	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric	Substation	Twin Peaks Substation	127	3	-	-	-	-	-	-	-	-
Electric	Substation	Falcon Bluff - New Substation	-	2	-	-	-	-	-	-	-	-
Electric	Relay	SCADA Replacement - Bluffview Generating	\$ -	\$ -	\$ 25	\$ 25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric	Relay	SCADA Replacement - Animas Generating	-	-	31	31	-	-	-	-	-	-
Electric	Relay	Hare - 115kV Relay Replacement	-	-	40	-	-	-	-	-	-	-
Electric	Relay	Westfork - 115kV Relay Replacement	-	-	60	-	-	-	-	-	-	-
Electric	Relay	Westfork to Pump Canyon - Relay Panel	-	-	150	150	-	-	-	-	-	-
Electric	Relay	Vista Sub - Install Relays	-	-	160	307	-	-	-	-	-	-
Electric	Relay	San Juan Substation - Relay Replacement	-	-	190	48	-	-	-	-	-	-
Electric	Relay	Westfork to Hare - Relay Replacement	-	-	400	-	-	-	-	-	-	-
Electric	Relay	Upgrade Secondary	917	1,314	-	-	-	-	-	-	-	-
Electric	Relay	Radio/Phone Consoles	175	88	-	240	-	-	-	-	-	-
Electric	Relay	System Monitor Display	700	413	-	-	-	-	-	-	-	-
Electric	Relay	SCADA Replacement	325	337	-	-	-	-	-	-	-	-
Electric	Relay	Outage Call System	250	62	-	48	-	-	-	-	-	-
Electric	Trans	T-Line New - Westfork to Pump	\$ -	\$ -	\$ 35	\$ 35	\$ -	\$ 600	\$ -	\$ -	\$ -	\$ -
Electric	Trans	Vista Substation	1,607	1,063	-	-	-	-	-	-	-	-
Electric	Trans	Hwy 64 Widening - Relocate	-	-	-	-	250	-	-	-	-	-
Electric	Trans	T-Line New - Ancient to Knicker	-	-	50	25	-	-	200	750	-	-
Electric	Trans	T-Line New - Aztec to Ancient	-	-	-	-	-	-	350	1,000	-	-
Electric	Trans	T-Line New - WLSS to Hood	-	-	1,902	2	950	952	-	-	-	-
Electric	Trans	Speedway to Ancient - New T-line	-	-	50	25	-	-	-	-	-	-
Electric	Trans	Contractor Projects (Future)	-	-	500	1,000	-	1,000	1,000	1,000	1,000	-
Electric	Trans	T-Line - Jacquez to Pine River	-	-	-	-	-	-	-	-	4,000	-
Electric	Trans	T-Line - Minix to Jacquez	-	-	-	-	-	-	-	-	4,000	-
Electric	Trans	T-Line - New Cedar to Minix	-	-	-	-	-	-	-	8,000	-	-
Electric	Trans	T-Line - New Hart Canyon to Cedar Hill	-	-	-	-	-	-	-	2,500	-	-
Electric	Trans	T-Line - Rebuild DASS to Pine River	-	-	-	-	-	-	-	-	4,000	-
Electric	Trans	Transmission - Future	-	-	-	-	-	1,000	1,000	1,000	1,000	-
Electric	Trans	NERC - Correct Transmission Line Clearance	-	3,975	-	-	-	-	-	-	-	-
Electric	Trans/Dist	Highway Pole Relocation	\$ 266	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electric	Trans/Dist	Pole Replacements	-	862	-	-	-	-	-	-	-	-
Electric		Other Capital Projects	\$ -	\$ -	\$ -	\$ 2,457	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Capital Expenditures			\$ 22,822	\$ 17,864	\$ 21,598	\$ 17,885	\$ 25,278	\$ 25,073	\$ 31,539	\$ 30,755	\$ 28,942	\$ 10,816
Equals Ending Cash Balance			\$ 65,943	\$ 47,152	\$ 46,216	\$ 62,231	\$ 54,737	\$ 48,260	\$ 35,875	\$ 24,848	\$ 17,109	\$ (10,816)
WATER ENTERPRISE FUND (602)												
Beginning Cash Balance			\$ 6,340	\$ 8,918	\$ 9,602	\$ 9,602	\$ 9,744	\$ 4,893	\$ 2,810	\$ 2,555	\$ 2,688	
Plus Projected Revenue			14,355	13,352	15,629	18,325	15,668	17,215	18,918	20,836	21,248	
Less Operating Expenditures			9,648	7,154	11,075	13,017	10,037	10,546	11,047	11,577	12,042	
Debt Service			10	10	332	332	327	327	327	327	327	
Routine Items												
Water	Distrib.	Water Main Line Extensions	\$ 250	\$ 77	\$ 250	\$ 100	\$ 250	\$ 250	\$ 250	\$ 250	\$ 150	\$ 150
Water	Distrib.	Miscellaneous System Upgrades	300	-	300	200	300	300	300	200	200	200
Water	Distrib.	Water Tank Repairs	100	-	100	50	100	100	100	100	100	500
Water	Distrib.	Flow Meter Replace/Upgrade Program	60	-	60	60	60	60	60	60	60	60
Water	Distrib.	Fire Hydrant Installation	50	-	50	25	50	50	50	50	50	50
Water	Distrib.	Fire Hydrant Replacement	150	141	150	150	150	150	150	150	150	150
Water	Distrib.	Pump Station Pump Replacement	100	-	100	50	100	100	100	100	100	100
Water	Distrib.	Rehab Air Relief Valves	30	19	30	30	30	30	30	30	30	30
Water	Distrib.	Rehab Pressure Reducing Valves	100	62	100	50	100	100	100	100	100	100
Water	Distrib.	Meter Replacement Program	100	33	100	100	100	100	100	200	300	1,000
Water	Distrib.	Water Valve Replacement	50	63	50	50	50	50	50	50	50	50
Sub-Total			\$ 1,290	\$ 396	\$ 1,290	\$ 865	\$ 1,290	\$ 1,290	\$ 1,290	\$ 1,290	\$ 1,290	\$ 2,390
Non-Routine Items												
Water	Distrib.	Water Wastewater Operations Building	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150	\$ 625	\$ 625	\$ -	\$ -
Water	Distrib.	Water Meter Replacement Project	-	2,812	-	-	-	-	-	-	-	-
Water	Distrib.	New Water Storage Tank	-	-	-	-	-	-	-	-	-	2,500
Sub-Total Distribution			\$ 1,290	\$ 3,208	\$ 1,290	\$ 865	\$ 1,290	\$ 1,440	\$ 1,915	\$ 1,915	\$ 1,290	\$ 4,890
Treatment Items												
Water	Trtmnt.	Miscellaneous Plant Upgrades	\$ 50	\$ 13	\$ 50	\$ 25	\$ 50	\$ 50	\$ 50	\$ 50	\$ 50	\$ 50
Water	Trtmnt.	Reline Farmer's Ditch	30	-	30	30	30	30	30	30	30	30
Water	Trtmnt.	Various Security Improvements	200	18	200	100	100	100	100	100	100	100

CAPITAL IMPROVEMENT PLAN WORKSHEET (000's)			FY2014	Actual	FY2015	Anticipated to	FY2016	FY2017	FY2018	FY2019	FY2020	UNFUNDED
FY2016 BUDGET			BUDGET	Expenditures	BUDGET	be Spent in	BUDGET	BUDGET	PROJECTED	PROJECTED	PROJECTED	
Dept.	Division	Description		FY2014		FY2015						
Water	Trtmnt.	Rehab or Replace valves at WTP#1	50	-	50	25	25	25	25	25	25	50
Water	Trtmnt.	Replace Slow Speed Mixers	-	-	25	25	25	-	25	-	25	25
Water	Trtmnt.	Replace Filter Building Roofs and Walls	-	-	-	-	-	-	-	-	450	300
Water	Trtmnt.	Install VFD at WTP#2 - Pump #2 and #3	300	-	300	-	300	-	-	-	-	-
Water	Trtmnt.	Animas #2 Pump Replacement - One Set Pumps	300	218	-	-	-	-	-	-	-	300
Water	Trtmnt.	Animas #2 Pump Station Electrical Upgrades	250	-	-	-	-	-	-	-	-	300
Water	Trtmnt.	Control Room Graphics Upgrade	150	-	-	-	-	-	-	-	-	-
Water	Trtmnt.	Pump Station 3W-Install New Pump Liners	50	-	-	-	-	-	-	-	-	-
Water	Trtmnt.	WTP #1 Flow Metering - East and West Filter Bldg	-	-	100	100	-	-	-	-	-	100
Water	Trtmnt.	Site Fencing 1C Tank Site	-	-	-	-	80	-	-	-	-	-
Water	Trtmnt.	4P Pump Station Replacement	600	-	600	-	950	-	-	-	-	-
Water	Trtmnt.	Pump Station 5C-Pumps and Electrical Upgrades	-	-	300	150	250	-	-	-	-	-
Water	Trtmnt.	Pump Station 3C-Pumps and Electrical Upgrades	400	-	-	-	400	-	-	-	-	-
Water	Trtmnt.	Pump Station 3W-Pumps and Electrical Upgrades	300	-	-	-	-	400	-	-	-	-
Water	Trtmnt.	Pump Station 4C-Pumps and Electrical Upgrades	300	-	-	-	-	400	-	-	-	-
Water	Trtmnt.	Pump Station 4E-Pumps and Electrical Upgrades	-	-	300	-	-	-	-	400	-	-
Water	Trtmnt.	Pump Station 5E-Pumps and Electrical Upgrades	-	-	300	-	-	-	-	400	-	-
Water	Trtmnt.	Pump Station 3E-Pumps and Electrical Upgrades	-	-	-	-	-	-	-	400	-	-
Water	Trtmnt.	Pump Station 6C-Pumps and Electrical Upgrades	-	-	-	-	-	-	-	-	600	-
Water	Trtmnt.	Pump Station 7E-Pumps and Electrical Upgrades	-	-	-	-	-	-	-	-	600	-
Water	Trtmnt.	WTP #2 Electrical System Upgrade	-	-	750	-	750	-	-	-	-	-
Water	Trtmnt.	Backwash Recovery System Upgrade at WTP#1 - FY16	-	-	-	-	300	-	-	-	-	-
Water	Trtmnt.	Backwash Recovery System Upgrade at WTP#2	-	-	-	-	-	300	-	-	-	-
Water	Trtmnt.	Farmers Ditch Pump Replacement	-	-	-	-	-	-	-	350	-	350
Water	Trtmnt.	Farmington Lake Outlet Piping	-	-	750	-	-	450	450	-	-	-
Water	Trtmnt.	Animas #2 Ogee Weir Modifications	-	-	100	75	500	-	-	-	-	-
Water	Trtmnt.	Farmington Lake Pre-Sedimentation Basin - Animas #2	-	-	-	-	-	-	-	-	200	-
Water	Trtmnt.	WTP#1 Rehab Concrete Sedimentation Basin Walls	-	-	-	-	150	50	-	-	-	-
Water	Trtmnt.	WTP #1 Cover Sedimentation Basins	100	-	-	-	-	-	-	-	-	-
Water	Trtmnt.	WTP #1 Sedimentation Basins Cleaning System - FY16	-	-	-	-	450	-	-	-	-	-
Water	Trtmnt.	WTP #2 Sedimentation Basins Cleaning System - FY16	-	-	-	-	-	500	-	-	-	-
Water	Trtmnt.	Filter Piping Modifications at WTP #1	-	-	-	-	-	-	-	-	-	1,000
Water	Trtmnt.	Construct new Clearwell at WTP#1	-	-	-	-	-	-	-	-	-	1,000
Water	Trtmnt.	WTP#1 New Sedimentation Basin	-	-	-	-	-	-	-	-	-	2,250
Water	Trtmnt.	WTP#2 New Sedimentation Basin	-	-	-	-	-	-	-	-	-	2,250
Water	Trtmnt.	Rebuild filters at WTP#2	-	-	-	-	-	-	-	-	-	2,200
Water	Trtmnt.	Farmers Ditch Bar Screen	-	-	150	150	100	-	-	-	-	-
Water	Trtmnt.	Miscellaneous Construction	150	81	150	-	150	150	150	150	150	150
Water	Trtmnt.	Water Rights Acquisition	100	-	100	100	100	100	100	100	100	100
Water	Trtmnt.	Property Improvements/Vehicles/Tools/Software	105	-	80	40	105	80	105	80	105	105
Sub-Total Treatment			\$ 3,435	\$ 329	\$ 4,335	\$ 820	\$ 4,815	\$ 2,635	\$ 1,035	\$ 2,085	\$ 2,435	\$ 10,660
Impact Zones												
Water	Impact	Water Line Extensions 6C	\$ 100	\$ -	\$ 100	\$ 50	\$ 100	\$ 400	\$ 400	\$ 100	\$ 100	\$ 100
Water	Impact	Water Line Extensions 6E	100	-	100	-	100	100	100	100	100	100
Sub-Total Impact Zones			\$ 200	\$ -	\$ 200	\$ 50	\$ 200	\$ 500	\$ 500	\$ 200	\$ 200	\$ 200
R and R												
Water	Distrib.	Renewal and Replacement	\$ 2,750	\$ 1,968	\$ 3,000	\$ 3,000	\$ 3,750	\$ 3,750	\$ 4,250	\$ 4,500	\$ 5,000	\$ 5,000
Sub-Total R and R			\$ 2,750	\$ 1,968	\$ 3,000	\$ 3,000	\$ 3,750	\$ 3,750	\$ 4,250	\$ 4,500	\$ 5,000	\$ 5,000
New Meters												
Water	Distrib.	Water Meters for New Service	\$ 100	\$ -	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
Sub-Total New Meters			\$ 100	\$ -	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
Total Capital Expenditures			\$ 7,775	\$ 5,505	\$ 8,925	\$ 4,835	\$ 10,155	\$ 8,425	\$ 7,800	\$ 8,800	\$ 9,025	\$ 20,850
Equals Ending Cash Balance			\$ 3,262	\$ 9,602	\$ 4,899	\$ 9,744	\$ 4,893	\$ 2,810	\$ 2,555	\$ 2,688	\$ 2,541	
PROJECTS FOR DISCUSSION												
Water	Distrib.	Zone 2P Waterline	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,100
Water	Distrib.	Water Treatment Plant - New	-	-	-	-	-	-	-	-	-	60,000,000
Total Unfunded Projects			\$ -	\$ -	\$ -	\$ -	\$ -	\$ 68,100				
WASTEWATER ENTERPRISE FUND (603)												
Beginning Cash Balance			\$ 4,152	\$ 7,611	\$ 7,504	\$ 7,504	\$ 5,302	\$ 2,693	\$ (276)	\$ (1,197)	\$ (2,168)	
Plus Projected Revenue			7,973	8,132	8,233	8,110	12,968	17,027	14,275	12,661	12,912	
Less Operating Expenditures			6,623	5,194	6,739	6,187	6,663	7,634	7,622	7,694	7,901	
Less Debt Service			-	304	953	953	953	953	953	953	953	
Routine Items												
Wastewater .	Collect.	Lift Station Pump Replacement	\$ 125	\$ 80	\$ 125	\$ 50	\$ 125	\$ 125	\$ 125	\$ 125	\$ 125	\$ 125
Wastewater .	Collect.	Main Line Extensions	200	-	200	100	200	200	200	200	200	500
Wastewater .	Collect.	Miscellaneous System Upgrades	75	83	75	40	75	75	75	75	75	75
Wastewater .	Collect.	Lift Station Electrical Upgrades	125	66	125	100	125	125	125	125	125	500
Wastewater .	Collect.	Property Improvements/Land/Vehicles/Software	85	-	60	50	85	85	60	85	60	85
Sub-Total Wastewater Collection			\$ 610	\$ 229	\$ 585	\$ 340	\$ 610	\$ 610	\$ 585	\$ 610	\$ 585	\$ 1,285
Non-Routine Items												
Wastewater .	Trtmnt.	MRAS Basin	\$ 2,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Wastewater .	Trtmnt.	WWTP Expansion Phase - FY16	-	-	-	-	4,000	7,000	3,000	-	-	7,000
Wastewater .	Trtmnt.	WWW Operations/Maintenance Bldg.	-	-	-	-	-	100	375	375	-	-
Sub-Total Wastewater Collection			\$ 3,360	\$ 229	\$ 585	\$ 340	\$ 4,610	\$ 7,710	\$ 3,960	\$ 985	\$ 585	\$ 8,285

CAPITAL IMPROVEMENT PLAN WORKSHEET (000's)			FY2014	Actual	FY2015	Anticipated to	FY2016	FY2017	FY2018	FY2019	FY2020	UNFUNDED
FY2016 BUDGET			BUDGET	Expenditures	BUDGET	be Spent in	BUDGET	BUDGET	PROJECTED	PROJECTED	PROJECTED	
Dept.	Division	Description		FY2014		FY2015						
Treatment Items												
Wastewater .	Trtmnt.	WWTP Upgrades/Improvements	\$ 100	\$ 45	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
Wastewater .	Trtmnt.	Pump Replacements	100	37	100	50	100	100	100	100	100	100
Wastewater .	Trtmnt.	WWTP Grease Recycling	50	-	50	-	-	-	-	-	-	-
Wastewater .	Trtmnt.	WWTP Belt Press Rehab	-	-	-	-	-	-	-	-	-	200
Wastewater .	Trtmnt.	WWTP Upgrade MRAS Blower Controls	100	-	-	-	-	-	-	-	-	-
Wastewater .	Trtmnt.	WWTP Air Scrubber Rehab	-	-	-	-	-	-	-	-	-	300
Wastewater .	Trtmnt.	WWTP Screen Washing Monster System	150	127	-	-	-	-	-	-	-	500
Wastewater .	Trtmnt.	WWTP Plant Lift Station Rehab	-	-	100	-	-	-	-	-	-	100
Wastewater .	Trtmnt.	WWTP Lab Cabinets	-	-	200	200	-	-	-	-	-	-
Wastewater .	Trtmnt.	WWTP MRAS Pump Station	75	-	-	-	-	-	-	-	-	200
Wastewater .	Trtmnt.	WWTP Replace Sludge Auger Equipment	-	-	-	-	-	-	-	-	-	100
Wastewater .	Trtmnt.	WWTP Primary Sludge Pumps and Controls	-	-	-	-	-	-	-	-	-	300
Wastewater .	Trtmnt.	WWTP Outdoor Lighting Upgrade	60	-	-	-	-	-	-	-	-	-
Wastewater .	Trtmnt.	WWTP Outfall Bank Stabilization	-	-	-	-	-	-	60	400	-	-
Wastewater .	Trtmnt.	LS#22 New Construction - Piñon Hills Blvd	-	826	-	-	-	-	-	-	-	-
Wastewater .	Trtmnt.	LS# 2 Rehab Wet Well, Pumps and Electrical	-	39	1,200	200	1,200	-	-	-	-	-
Wastewater .	Trtmnt.	LS# 3 Rehab Wet Well, Pumps and Electrical	-	88	1,100	1,000	-	-	-	-	-	-
Wastewater .	Trtmnt.	LS# 5 Rehab Wet Well, Pumps and Electrical	-	696	-	-	-	-	-	-	-	-
Wastewater .	Trtmnt.	LS# 9 Rehab Wet Well, Pumps and Electrical	-	-	500	-	100	900	-	-	-	-
Wastewater .	Trtmnt.	LS# 12 Rehab Wet Well, Pumps and Electrical	-	-	-	-	50	500	-	-	-	-
Wastewater .	Trtmnt.	LS #14-Rehab Wet Well, Pumps and Electrical	100	-	-	-	-	-	50	350	-	-
Wastewater .	Trtmnt.	LS #18 Rehab Wet Well, Pumps and Electrical	-	-	-	-	-	-	50	350	-	-
Wastewater .	Trtmnt.	LS# 21 Odor Control Equipment	-	-	-	-	-	-	-	-	500	-
Wastewater .	Trtmnt.	LS# 11 Odor Control Equipment	-	-	200	-	-	-	-	-	500	-
Wastewater .	Trtmnt.	WWTP - Varc Gas Burner Equipment	-	-	-	-	-	400	-	-	-	-
Wastewater .	Trtmnt.	WWTP - Clarifiers - Sandblast and Coatings	-	-	175	-	-	-	350	-	-	500
Wastewater .	Trtmnt.	WWTP - Rehab RBC Basin	-	-	-	-	-	-	150	-	-	-
Wastewater .	Trtmnt.	WWTP Digester Heat Exchanger	-	-	-	-	-	-	-	400	-	-
Wastewater .	Trtmnt.	Digester #3 Cleaning, Repairs, Coating	-	-	-	-	-	-	-	-	600	600
Wastewater .	Trtmnt.	Digester #3 Insulation	-	-	-	-	-	-	-	-	100	-
Wastewater .	Trtmnt.	Digester #1 Cleaning, Repairs, Coating	-	-	-	-	-	-	-	-	600	600
Wastewater .	Trtmnt.	Digester #1 Ground Level Hatch	-	-	-	-	-	-	-	-	150	-
Wastewater .	Trtmnt.	Digester #2 Cleaning, Repairs, Coating	-	-	-	-	-	-	-	-	-	600
Wastewater .	Trtmnt.	Digester #2 Exterior Roof Coating	-	-	-	-	-	-	-	-	-	150
Wastewater .	Trtmnt.	Rebuild "A" Secondary Clarifier	-	-	-	-	-	-	-	-	-	700
Wastewater .	Trtmnt.	Rebuild "B" Secondary Clarifier	-	-	-	-	-	-	-	-	-	700
Wastewater .	Trtmnt.	Rehab "B" Trickling filter	-	-	-	-	-	-	-	-	-	500
Wastewater .	Trtmnt.	Storm Water Pond Upgrade	-	-	-	-	-	-	100	-	-	-
Wastewater .	Trtmnt.	Maintenance Shop Expansion and Rehab	-	-	-	-	100	-	-	-	-	-
Wastewater .	Trtmnt.	Expand Sludge Stockpile Area	-	-	-	-	-	-	-	500	-	-
Wastewater .	Trtmnt.	Miscellaneous Construction	50	-	50	-	50	50	50	50	50	50
Sub-Total Wastewater Treatment			\$ 785	\$ 1,858	\$ 3,775	\$ 1,550	\$ 1,700	\$ 2,050	\$ 1,010	\$ 2,250	\$ 2,700	\$ 6,300
R and R												
Wastewater .	Trtmnt.	Renewal and Replacement	\$ 1,262	\$ 425	\$ 1,282	\$ 1,282	\$ 1,650	\$ 1,650	\$ 1,650	\$ 1,750	\$ 1,750	\$ 1,750
Sub-Total R and R			\$ 1,262	\$ 425	\$ 1,282	\$ 1,282	\$ 1,650	\$ 1,650	\$ 1,650	\$ 1,750	\$ 1,750	\$ 1,750
Total Capital Expenditures			\$ 5,407	\$ 2,740	\$ 5,642	\$ 3,172	\$ 7,960	\$ 11,410	\$ 6,620	\$ 4,985	\$ 5,035	\$ 16,335
Equals Ending Cash Balance			\$ 95	\$ 7,504	\$ 2,403	\$ 5,302	\$ 2,693	\$ (276)	\$ (1,197)	\$ (2,168)	\$ (3,145)	
PROJECTS FOR DISCUSSION												
Wastewater .	Lines	Replace and Extend Wastewater Lines	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Wastewater .	Trtmnt.	WWTP Expansion Phase IV	4,500	76	7,000	-	-	-	-	-	-	7,000
Total Unfunded Wastewater Projects			\$ 9,500	\$ 5,076	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,000
SANITATION ENTERPRISE FUND (604)												
Beginning Cash Balance			\$ 2,116	\$ 2,213	\$ 2,413	\$ 2,413	\$ 2,385	\$ 2,417	\$ 2,444	\$ 2,463	\$ 2,441	
Plus Projected Revenue			5,741	5,550	5,749	5,749	6,031	6,181	6,362	6,551	6,747	
Less Operating Expenditures			5,542	5,351	5,777	5,777	5,999	6,154	6,343	6,573	6,738	
Sanitation	Community Drop-Off Center		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,750	\$ -
Total Capital Expenditures			\$ -	\$ -	\$ -	\$ 1,750						
Equals Ending Cash Balance			\$ 2,315	\$ 2,413	\$ 2,385	\$ 2,385	\$ 2,417	\$ 2,444	\$ 2,463	\$ 2,441	\$ 700	
TOTAL - ALL CIP PROJECTS			\$ 60,462	\$ 39,418	\$ 62,720	\$ 46,110	\$ 59,893	\$ 50,284	\$ 52,430	\$ 49,994	\$ 48,939	

The Old Fire Station #1
Being Replaced in FY2016



**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Vehicle Replacement

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 623,000	\$ 536,000	400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 1,000,000	\$ 3,759,000

Description (Purpose & Justification):

FY16 replacement of two dump trucks for Units 370 and 9252 (\$170,000 each), asphalt cut out truck for Unit 9632 (\$155,000), trailer with air compressor for Unit 408 (\$18,000), SUV replacement - Unit 9662 (\$23,000), for a total of \$536,000 identified currently. Future vehicles include: Bucket Truck (\$128,000) in 2017 and equipment purchases of (\$1,472,000) in 2017, 2018, 2019, and 2020.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	2,136,000	536,000	400,000	400,000	400,000	400,000	2,136,000
Total	\$ 2,136,000	536,000	400,000	400,000	400,000	400,000	2,136,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2,016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

All vehicles listed for 2016 and 2017 replacements are listed on vehicle maintenance's replacement list. The operating budget is not expected to be adjusted as a result of these assets.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020

Fund: 201 Department: Public Works Division: Streets

Capital Project: Traffic Signal Modernization

Capital Improvement Program Project Detail

Funding Requested:

	2015		2016		2017		2018		2019		2020		Future Years		Total
\$	200,000	\$	200,000	\$	200,000	\$	200,000	\$	200,000	\$	200,000	\$	200,000	\$	1,400,000

Description (Purpose & Justification):

Upgrade one signal per year: includes signal, pedestrian actuators, curb radii and ADA ramps if impacted; Upgrade downtown cabinets to Econolite TS-2. Lake and Broadway is the one proposed for FY16. This is due to recurring damage by vehicles.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	1,000,000	200,000	200,000	200,000	200,000	200,000	1,000,000
	-						-
	-						-
	-						-
Total	\$ 1,000,000	\$ 200,000	\$ 1,000,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with upgrade.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Storm Sewer Construction

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 300,000	\$ 250,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 2,050,000

Description (Purpose & Justification):

Typically used to replace aging storm sewers, when needed, prior to overlaying streets and to replace infrastructure damaged in storm events. May be used for a single project (FY14 Webb Storm Sewer).

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	1,450,000	250,000	300,000	300,000	300,000	300,000	1,450,000
	-						-
	-						-
Total	\$ 1,450,000	\$ 250,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,450,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Changing the failing storm sewers decreases the maintenance costs of cleaning and increases the time interval between cleanings reducing the City's liability. Maintenance costs of new storm sewers contained in current budget.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Crestwood Subdivision Detention Pond -- "Culpepper Regional Storm Water Facility"

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,250,000

Description (Purpose & Justification):

A regional storm water facility for Hood Arroyo helping relieve the crossings at Crestwood, Piñon Hills and Main Street as well as the low water crossings at Hill-n-Dale and Hubbard. This facility will decrease the likelihood of flooding in all neighborhoods downstream including Peace Valley which was hit hard in both the 2010 and 2013 flood events.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	250,000		250,000				250,000
	-						-
Total	\$ 250,000	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expenses will be determined at the time funding and project completion is established. No effect to revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2015-FY2019

Fund: 201 Department: Public Works Division: Streets
 Capital Project: Villa View Detention Pond Design

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 300,000	\$ 204,000	\$ -	\$ 2,000,000	\$ 2,400,000

Description (Purpose & Justification):

Villa View/Main/Rancho de Animas Improvements. Design of detention pond behind Country Club Elementary School, includes right of way acquisition.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	300,000			300,000	204,000		504,000
	-						-
	-						-
Total	\$ 300,000	\$ -	\$ -	\$ 300,000	\$ 204,000	\$ -	\$ 504,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2015	2016	2017	2018	2019	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Project placed on CIP for future discussion. Operating effects not determined as of yet.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
Capital Improvements Plan Detail Narrative
FY2015-FY2019

Fund: 201 Department: Public Works Division: Streets
 Capital Project: San Juan and Sullivan Avenue Storm Drain Design

Capital Improvement Program Project Detail

Funding Requested:

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Description (Purpose & Justification):

Engineering and design of San Juan and Sullivan Avenue storm drain - reoccurring storm issue location

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	60,000	60,000					60,000
	-						-
	-						-
Total	\$ 60,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2015	2016	2017	2018	2019	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Changing the failing storm sewers decreases the maintenance costs of cleaning and increases the time interval between cleanings reducing the City's liability. Maintenance costs of new storm sewers contained in current budget. No effect on operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2015-FY2019

Capital Project: Fund: 201 Department: Public Works Division: Streets
San Juan and Sullivan Avenue Storm Drain Construction

Capital Improvement Program Project Detail

Funding Requested:

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	-	400,000	-	-	-	-	400,000

Description (Purpose & Justification):

Construction of San Juan and Sullivan Avenue storm drain - reoccurring storm issue location

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	400,000		400,000				400,000
	-						-
	-						-
Total	\$ 400,000	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2015	2016	2017	2018	2019	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Changing the failing storm sewers decreases the maintenance costs of cleaning and increases the time interval between cleanings reducing the City's liability. Maintenance costs of new storm sewers contained in current budget. No effect on operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2015-FY2019**

Fund: 201 **Department:** Public Works **Division:** Streets
Capital Project: Hutton and Main Storm System

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 200,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,200,000

Description (Purpose & Justification):

Engineering and construction of Hutton and Main storm drain - reoccurring storm issue location

Funding Sources: 201 GRT

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	1,200,000		200,000	1,000,000			1,200,000
	-						-
	-						-
Total	\$ 1,200,000	\$ -	\$ 200,000	\$ 1,000,000	\$ -	\$ -	\$ 1,200,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2015	2016	2017	2018	2019	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Changing the failing storm sewers decreases the maintenance costs of cleaning and increases the time interval between cleanings reducing the City's liability. Maintenance costs of new storm sewers contained in current budget. No effect on operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
Capital Improvements Plan Detail Narrative
FY2015-FY2019

Fund: 201 Department: Public Works Division: Streets

Capital Project: Isleta / Hopi / Monterey Ave Storm Drain

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 250,000	\$ 200,000	\$ 1,000,000	\$ -	\$ -	\$ 1,450,000

Description (Purpose & Justification):

Engineering and construction of Isleta, Hopi, Monterey storm drain including right of way acquisition - reoccurring storm location

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	1,450,000		250,000	200,000	1,000,000		1,450,000
	-						-
	-						-
Total	\$ 1,450,000	\$ -	\$ 250,000	\$ 200,000	\$ 1,000,000	\$ -	\$ 1,450,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2015	2016	2017	2018	2019	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Changing the failing storm sewers decreases the maintenance costs of cleaning and increases the time interval between cleanings reducing the City's liability. Maintenance costs of new storm sewers contained in current budget. No effect to operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Downtown MRA Area Drain Study

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$	100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Description (Purpose & Justification):

Hire engineering consultant to evaluate Metropolitan Redevelopment Area (MRA) storm lines.

Funding Sources: 201 GRT

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	100,000	100,000					100,000
	-						-
Total	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Changing the failing storm sewers decreases the maintenance costs of cleaning and increases the time interval between cleanings reducing the City's liability. Maintenance costs of new storm sewers contained in current budget. No effect on operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Intersection Improvements

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000

Description (Purpose & Justification):

The improvements would allow one new signal light per year each year. In FY16, at La Plata Ranch Road, Sports Complex, and Piñon Hills Blvd. The \$300,000 programmed into next fiscal year would allow longer mast arms, which would be required for a 4 lane road with turn bays and bike lanes. In addition, as required per the ADA, we need to replace the handicap ramps and install pedestrian poles for the pedestrian actuators to meet current requirements. Signal or roundabout at Sports Complex depending on development rate of subdivision and warrants. Future locations as warrants are met.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	1,200,000		300,000	300,000	300,000	300,000	1,200,000
	-						-
	-						-
Total	\$ 1,200,000	\$ -	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,200,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expense included in existing budget. No effect to operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Pinon Hills Boulevard Widening - Sports Complex to 30th

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000

Description (Purpose & Justification):

Widening Piñon Hills Boulevard to 4 lanes from where we stopped when we did the La Plata River Crossing continuing to approximately 300' beyond 30th Street. This will facilitate both the Sports Complex egress and the La Plata Ranches development. It increases the capacity on PHB at 30th and will connect the westbound bike lane that currently stops at 30th Street.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expense included in existing budget. No effect to operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
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If YES, please complete Page 2-3

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Pinon Hills Boulevard Widening- Butler to Dustin

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000

Description (Purpose & Justification):

To widen Piñon Hills Boulevard to 4 lanes with 5' wide bike lanes. The westbound merge will move from Butler to the west end of the medians at Dustin. To facilitate traffic movement in this growing area.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expense included in existing budget. No effect to operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
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If YES, please complete Page 2-3

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Pinon Hills Boulevard Widening- 30th to Dustin

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000,000	\$ 6,000,000

Description (Purpose & Justification):

To make the final connection between Dustin and 30th street to 4 lanes with 5' wide bike lanes, we are proposing to do this stretch last since most of the traffic leaves/enters PHB at either Dustin or Butler. Once Piñon Hills Church and La Plata Ranch developments are constructed, this will not be the case. This would also alleviate congestion due to the one lane up the hill out of Glade.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expense included in existing budget. No effect to operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
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If YES, please complete Page 2-3

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Foothills Enhancements - Design Lakewood to North End of Foothills Drive

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 650,000

Description (Purpose & Justification):

Design for the Foothills Enhancement project, Lakewood to the north end of Foothills Drive. Approximately 6,000 feet.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	350,000					350,000	350,000
	-						-
	-						-
Total	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Design for phase II of the Foothills Enhancement project so no additional operational expense. No effect to operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Foothills Enhancement - Rinconada to Lakewood Construction

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,500,000	-	\$ 2,500,000

Description (Purpose & Justification):

Construction is proposed for the summer of 2016 for the section between Holmes and Rinconada. (Possible funding from NMDOT). Staff is in the process of applying for NMDOT funding for this project under the MAP funding source. The project is listed here in the event additional funding is not received.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	2,500,000			1,000,000		1,500,000	2,500,000
	-						-
	-						-
Total	\$ 2,500,000	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,500,000	\$ 2,500,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expense included in existing budget. No effect to operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Main to English -- Double Left Turn

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 160,000	\$ -	\$ -	\$ -	\$ -		\$ 160,000

Description (Purpose & Justification):

Main to English: Double Left Turn: Right-of-way acquired from Target in FY15; construction pending outcome from NMDOT Road Safety Audit (RSA).

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	160,000	160,000					160,000
	-						-
	-						-
Total	\$ 160,000	\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ 160,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expense included in existing budget. No effect to operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Street Paving

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 3,450,000	\$ 5,000,000	\$ 1,600,000	\$ 1,500,000	\$ 1,550,000	\$ 1,550,000	\$ 8,500,000	\$ 23,150,000

Description (Purpose & Justification):

Street resurfacing of collector and above streets. Typically a mill and inlay or Cutler repaving process. May be a total reconstruction as necessary.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	11,200,000	5,000,000	1,600,000	1,500,000	1,550,000	1,550,000	11,200,000
	-						-
	-						-
Total	\$ 11,200,000	\$ 5,000,000	\$ 1,600,000	\$ 1,500,000	\$ 1,550,000	\$ 1,550,000	\$ 11,200,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Cost of resurfaced streets will be absorbed into current operating budget. No effect to operating revenue.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

201

Department: Public Works

Division: Streets

Capital Project: Pavement Management and Analysis

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000	\$ 300,000

Description (Purpose & Justification):

Hire a consultant to inspect, GPS and grade city streets for future maintenance requirements (pavement maintenance master plan), sidewalks for damage, width, obstruction, slope, and ADA compliance including accessibility ramps and tactical warning devices. Having the sidewalk/ADA ramp data is a requirement under Title IV of the Americans with Disabilities Act.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	150,000			150,000			150,000
	-						-
	-						-
Total	\$ 150,000	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Study will not produce additional operating revenue or expenses.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Cliffside Drive - Hunzinger to Farmington Ave.

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000

Description (Purpose & Justification):

Construction of Cliffside Drive, Hunzinger to Farmington Ave. Project placed on CIP for future funding discussion of priority and funding possibilities to be determined by Council.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Project placed on CIP for future discussion. Operating effects not determined as of yet.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: English Road - Panther Trail to Crestwood

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,300,000	\$ 1,300,000

Description (Purpose & Justification):

English Road - Panther Trail to Crestwood. Project placed on CIP for future funding discussion of priority and funding possibilities to be determined by Council.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Project placed on CIP for future discussion. Operating effects not determined as of yet.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 201 Department: Public Works Division: Streets

Capital Project: English Road - Largo to Gila

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 800,000

Description (Purpose & Justification):

English Road - Largo to Gila. Project placed on CIP for future funding discussion of priority and funding possibilities to be determined by Council.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Project placed on CIP for future discussion. Operating effects not determined as of yet.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Gila Street- Main to English

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 800,000

Description (Purpose & Justification):

Gila Street- Main to English. Project placed on CIP for future funding discussion of priority and funding possibilities to be determined by Council.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Project placed on CIP for future discussion. Operating effects not determined as of yet.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 201 Department: Public Works Division: Streets

Capital Project: Herrera Drive- Cliffside to Main

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 880,000

Description (Purpose & Justification):

FY15 - hired an engineering consultant to model the impacts of adding this connection, both to Main and to Cliffside. Do a preliminary design including centerline alignment, ROW needs, and preliminary cost estimate for improvements to Main/Cliffside intersection, Herrera and Cliffside intersection. Construction / ROW in future years. FY16 presentation of study to Council who will determine the project construction priority.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Study will not produce additional operating revenue or expenses.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Herrera Drive- Main to English

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 160,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,300,000	\$ 2,460,000

Description (Purpose & Justification):

FY15 - hire a consulting engineer to model the impacts of adding this connection, both to Main and to English. Investigate if a connection to Rail Road (then via Largo to the back of the Mall) can be accomplished and what impacts will that have to traffic loads on Main and through the neighborhood. Do a conception design, including ROW needs, and preliminary cost estimate for improvements to Herrera, English and Rail Road as needed by this connection. FY16 presentation of study to Council who will determine the project construction priority.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,300,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Study will not produce additional operating revenue or expenses.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Hill n' Dale Improvements

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 850,000	\$ 850,000

Description (Purpose & Justification):

Hill n' Dale Improvements. Project placed on CIP for future funding discussion of priority and funding possibilities to be determined by Council.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Project placed on CIP for future discussion. Operating effects not determined as of yet. Last part of Foothills Access Plan adopted by City Council in 2006.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Wildflower Arroyo Detention Pond

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,750,000

Description (Purpose & Justification):

Design and construct detention ponds on Wildflower Arroyo, includes right of way acquisition.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	250,000		250,000				250,000
	-		-				-
	-		-				-
Total	\$ 250,000	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expenses will be determined at the time funding and project completion is established.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Andrea Arroyo Detention Pond

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,750,000

Description (Purpose & Justification):

Design and construct future detention ponds on Andrea Arroyo, includes right of way acquisition.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	250,000		250,000				250,000
	-		-				-
	-		-				-
Total	\$ 250,000	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expenses will be determined at the time funding and project completion is established.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Katherine Arroyo Detention Pond

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,750,000

Description (Purpose & Justification):

Design and construct future detention ponds on Katherine Arroyo, includes right of way acquisition.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	250,000		250,000				250,000
	-		-				-
	-		-				-
Total	\$ 250,000	\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expenses will be determined at the time funding and project completion is established.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Storm Sewer Upgrades / MRA Area

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 300,000	\$ 8,000,000	\$ 8,800,000

Description (Purpose & Justification):

Storm sewer upgrades in downtown (MRA) area including inspection, camera, cleaning and upgrades. Design and construction future detention ponds, sites to be determined

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	800,000				500,000	300,000	800,000
	-						-
	-						-
Total	\$ 800,000	\$ -	\$ -	\$ -	\$ 500,000	\$ 300,000	\$ 800,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expenses will be determined at the time funding and project completion is established.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Drainage Concerns Identified in 2010 & 2013 Flood Events

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 250,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,250,000

Description (Purpose & Justification):

Ten future projects identified in 2010 & 2013 floods: Camino Rio, Rinconada, Rowe Avenue, Navajo at Glade, Airport/Apache, Main/Hutton, Butler/30th, Main/English, Farmington Avenue, San Juan Blvd., & Highland View.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	3,250,000		250,000	1,000,000	1,000,000	1,000,000	3,250,000
	-						-
	-						-
Total	\$ 3,250,000	\$ -	\$ 250,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 3,250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Placed on CIP for future discussion. Operating effects not determined as of yet. Additional items identified in 2010 & 2013 floods - repeat category.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 201 Department: Public Works Division: Streets

Capital Project: Replace Aging Storm Infrastructure

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 5,000,000

Description (Purpose & Justification):

Replacement of aging storm infrastructure. Replacement will be determined on a fiscal year basis dependent on evaluation of drain storms.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
201 GRT Streets	4,000,000		1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
	-						-
	-						-
Total	\$ 4,000,000	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 4,000,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Placed on CIP for future discussion. Operating effects not determined as of yet.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Operations

Capital Project: Parks Restroom - Colinas Park

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000

Description (Purpose & Justification):

Add new restrooms at Colinas Park.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	100,000				100,000		100,000
	-						-
	-						-
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Operations

Capital Project: Browning Land Purchase

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 400,000

Description (Purpose & Justification):

Purchase of land for trail system. Payments spread over 5 years beginning in FY15.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	400,000	100,000	100,000	100,000	100,000		400,000
	-						-
	-						-
Total	\$ 400,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 400,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

No additional expenses or revenue expected at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202

Department: PRCA

Division: Operations

Capital Project: South Side River Trail

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 50,000	\$ 96,586	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 146,586

Description (Purpose & Justification):

This is the City's contribution in addition to a TAP grant to develop .6 miles of city trail and parking.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
TAP Grant	46,586	46,586					46,586
GRT 202	50,000	50,000					50,000
	-						-
Total	\$ 96,586	\$ 96,586	\$ -	\$ -	\$ -	\$ -	\$ 96,586

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Museum Operations

Capital Project: Mezzanine for Collections Storage

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ -	\$ 55,000

Description (Purpose & Justification):

Constructing second floor in existing collection space and adding shelving for the Gateway Museum.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	55,000				55,000		55,000
	-						-
	-						-
Total	\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ 55,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Animal Shelter

Capital Project: Animal Shelter / MOC Digital Sign

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ 90,000

Description (Purpose & Justification):

Install a digital media sign to advertise and share information important to the city.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	90,000			90,000			90,000
	-						-
	-						-
Total	\$ 90,000	\$ -	\$ -	\$ 90,000	\$ -	\$ -	\$ 90,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Any additional operating expenses are unknown at this time. Additional operating revenue not yet determined.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Aquatic Center

Capital Project: Aquatic Center - Playground Replacement

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Description (Purpose & Justification):

Replace existing structure with new equipment and surfacing.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	150,000		150,000				150,000
	-						-
	-						-
Total	\$ 150,000	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expenses for this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Aquatic Center

Capital Project: Aquatic Center Scoreboard

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000

Description (Purpose & Justification):

Remove and replace one (1) new scoreboard used for team meets and lap swimmers.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	8,000	8,000					8,000
	-						-
	-						-
Total	\$ 8,000	\$ 8,000	\$ -	\$ -	\$ -	\$ -	\$ 8,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Aquatic Center

Capital Project: Aquatic Center Renovate Slide Tower Structure

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ -	\$ 40,000

Description (Purpose & Justification):

This project would address the limited accessibility of the staircase leading up to the slide. The staircase needs to be widened per code compliance to allow for emergency access.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	40,000				40,000		40,000
	-						-
	-						-
Total	\$ 40,000	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 40,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
---	-----------

If YES, please complete Page 2-3

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Aquatic Center

Capital Project: Aquatic Center Chlorine Feed System

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Description (Purpose & Justification):

Replace existing chlorinators to meet National Sanitation Foundation code.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	20,000	20,000					20,000
	-						-
	-						-
Total	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202

Department: PRCA

Division: Aquatic Center

Capital Project: Aquatic Center Tile

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Description (Purpose & Justification):

Renovate tile by chipping out existing loose or spalling concrete. Reinforce and cut back rebar and seal to waterproof throughout.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	30,000		30,000				30,000
	-						-
	-						-
Total	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202

Department: PRCA

Division: Operations

Capital Project: Boyd Park - Upgrade or Enhance Water Access

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ 50,000

Description (Purpose & Justification):

Installation of equipment to prevent current water erosion and serve as an important river access point.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	50,000				50,000		50,000
	-						-
	-						-
Total	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ 50,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Operations

Capital Project: Brookside Park Basketball Courts

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Description (Purpose & Justification):

Remove and replace existing concrete.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	20,000		20,000				20,000
	-						-
	-						-
Total	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Operations

Capital Project: Civitan Park Relocation of Horseshoe Pit and Bocce Ball Area

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Description (Purpose & Justification):

Move horseshoe pits and add Bocce to accommodate potential future miniature golf course at Civitan Park.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	50,000		50,000				50,000
	-						-
	-						-
Total	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Any additional operating expenses are unknown at this time. Additional operating revenue not yet determined.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Operations

Capital Project: Civitan Park ADA Accessibility

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -		\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000

Description (Purpose & Justification):

This project will address ADA issues such as sidewalks, installation of ramps for wheelchair accessibility to restrooms and other facility amenities, including better access to the north side playground.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	100,000			100,000			100,000
	-						-
	-						-
Total	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Operations

Capital Project: Animas Park - Improve Launch Area

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Description (Purpose & Justification):

Installation of equipment to prevent current water erosion and serve as an important river access point.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	30,000		30,000				30,000
	-						-
	-						-
Total	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Operations

Capital Project: Fairgrounds Ball Fields Improvement to Lighting and Field

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 155,000	\$ -	\$ -	\$ 155,000

Description (Purpose & Justification):

Remove and replace lighting to an automated system that is energy efficient.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	155,000				155,000		155,000
	-						-
	-						-
Total	\$ 155,000	\$ -	\$ -	\$ -	\$ 155,000	\$ -	\$ 155,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202

Department: PRCA

Division: Farmington Indian Center

Capital Project: Indian Center Walk Way and Awning

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000

Description (Purpose & Justification):

Install a new awning to provide shelter from the elements and add curb appeal.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	10,000	10,000					10,000
	-						-
	-						-
Total	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ 10,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Aquatics

Capital Project: Lions Pool Heater Replacement

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 38,000	\$ -	\$ -	\$ -	\$ -	\$ 38,000

Description (Purpose & Justification):

Heater is nearing the end of its life cycle and needs to be replaced.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	38,000		38,000				38,000
	-						-
	-						-
Total	\$ 38,000	\$ -	\$ 38,000	\$ -	\$ -	\$ -	\$ 38,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Aquatics

Capital Project: Lions Pool Grounding & Bonding

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000

Description (Purpose & Justification):

Repair grounding and bonding deficiencies of two (2) pool ladders per NEC standards.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	15,000		15,000				15,000
	-						-
	-						-
Total	\$ 15,000	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ 15,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Aquatics

Capital Project: Lions Pool Building Improvement - Lifeguard and Break Rooms

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Description (Purpose & Justification):

Renovate lifeguard and break rooms by updating electrical, HVAC, and plumbing systems.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	20,000		20,000				20,000
	-						-
	-						-
Total	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Other (Please list): Lions Wilderness Amphitheater

Capital Project: Lions Wilderness Amphitheater ADA Updates

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000

Description (Purpose & Justification):

This project would add limited ADA accessibility by constructing concrete paths around the disk golf holes.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	60,000				60,000		60,000
	-						-
	-						-
Total	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ 60,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Museum Operations

Capital Project: Museum - Palmer House Roof Enclosure

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ -	\$ 35,000

Description (Purpose & Justification):

Building a structure to cover the existing roof to preserve the historic Palmer house.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	35,000				35,000		35,000
	-						-
	-						-
Total	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ -	\$ 35,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202

Department: PRCA

Division: Museum Operations

Capital Project: Museum Digital Sign

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 69,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69,000

Description (Purpose & Justification):

Install a new digital media sign in front of the Gateway Museum to advertise and share information important to the city.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	69,000	69,000					69,000
	-						-
	-						-
Total	\$ 69,000	\$ 69,000	\$ -	\$ -	\$ -	\$ -	\$ 69,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating revenue and expenses are unknown at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Administration

Capital Project: Penny Lane Redevelopment

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Description (Purpose & Justification):

Parks contribution to re-construct the Penny Lane Dam as a water feature for paddle users along the Animas River and improve safety of water flow. Project costs to be shared with Public Works; however, total project costs are unknown at this time.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	100,000	100,000					100,000
	-						-
	-						-
Total	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202

Department: PRCA

Division: Operations

Capital Project: Equipment

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000

Description (Purpose & Justification):

Replacement of one (1) Toro Groundsmaster 5910D for \$80,000 and one(1) Walker Zero Turn mower with grass catcher unit for \$10,000.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	90,000	90,000					90,000
	-						-
	-						-
Total	\$ 90,000	\$ 90,000	\$ -	\$ -	\$ -	\$ -	\$ 90,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Golf

Capital Project: Piñon Hills Golf Course Equipment Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 125,000	\$ 90,000	\$ 120,000	\$ -	\$ -	\$ 335,000

Description (Purpose & Justification):

Replacement of golf course equipment: walk-behind aerifier (20K), sprayer (25K), top dresser attachment for Dakota w/trickster (20K), Smithco riding power rake for bunkers (15K) and riding greens roller w/trailer (20K).

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	335,000		125,000	90,000	120,000		335,000
	-						-
	-						-
Total	\$ 335,000	\$ -	\$ 125,000	\$ 90,000	\$ 120,000	\$ -	\$ 335,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Golf

Capital Project: Piñon Hills Golf Course Cart Paths

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ -	\$ 60,000

Description (Purpose & Justification):

Remove and replace cart paths throughout the course (60K).

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	60,000			60,000			60,000
	-						-
	-						-
Total	\$ 60,000	\$ -	\$ -	\$ 60,000	\$ -	\$ -	\$ 60,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Golf

Capital Project: Piñon Hills Restroom Renovations

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Description (Purpose & Justification):

Renovate restrooms to be in compliance with ADA standards and installation of lockers.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	20,000	20,000					20,000
	-						-
	-						-
Total	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Golf

Capital Project: Pinon Hills Golf Course Rough Mower Replacement

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,000

Description (Purpose & Justification):

Replacement of one (1) rough mower used for golf course maintenance.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	45,000	45,000					45,000
	-						-
	-						-
Total	\$ 45,000	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Golf

Capital Project: Piñon Hills Golf Course POS System

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Description (Purpose & Justification):

Replace existing software with new to improve customer service and online component at the golf course.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	25,000		25,000				25,000
	-						-
	-						-
Total	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expenses have yet to be determined

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Operations

Capital Project: Playground Equipment Replacements - Foothills and Beckland Hills

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Description (Purpose & Justification):

Remove and replace playgrounds and resurfacing to meet current safety standards.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	250,000	250,000					250,000
	-						-
	-						-
Total	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Operations

Capital Project: Playground Equipment Replacements - Fairgrounds

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Description (Purpose & Justification):

Remove and replace playground structure and surfacing.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	150,000		150,000				150,000
	-						-
	-						-
Total	\$ 150,000	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Operations

Capital Project: Playground Equipment Replacements - Berg Park, Brookhaven Park, & Northridge Park

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 375,000	\$ -	\$ -	\$ -	\$ 375,000

Description (Purpose & Justification):

Remove and replace playground structures and sand safety surfacing at Berg and Brookhaven Parks(150K/ea). Replace surfacing to increase level of service at Northridge Park (75K).

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	375,000			375,000			375,000
	-						-
	-						-
Total	\$ 375,000	\$ -	\$ -	\$ 375,000	\$ -	\$ -	\$ 375,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Recreation Center

Capital Project: Recreation Center Gym Flooring

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000

Description (Purpose & Justification):

Remove and replace existing gym floor.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	100,000			100,000			100,000
	-						-
	-						-
Total	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Recreation Center

Capital Project: Recreation Center Gym Divider

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000

Description (Purpose & Justification):

Install new gym divider to increase customer use of the facility.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	100,000				100,000		100,000
	-						-
	-						-
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Operations

Capital Project: Ricketts Park Irrigation Upgrade

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Description (Purpose & Justification):

Remove existing irrigation system and install a new irrigation system.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	30,000		30,000				30,000
	-						-
	-						-
Total	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ 30,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 202 Department: PRCA Division: Sycamore Park Community Center

Capital Project: Sycamore Park Community Center Upgrade Sign

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	-	-	-	25,000	-	-	25,000

Description (Purpose & Justification):

Remove and replace existing sign.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	25,000				25,000		25,000
	-						-
	-						-
Total	\$ 25,000	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ 25,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

Any additional operating revenue and expenses are unknown at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Sycamore Park Community Center

Capital Project: Sycamore Park CC Upgrade and Add Shelter

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -	\$ 250,000

Description (Purpose & Justification):

Removal of existing playground structure and install of new to include safety surfacing (200K). Additional shelter with construction of new concrete pad and equipment (50K).

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	250,000				250,000		250,000
	-						-
	-						-
Total	\$ 250,000	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ 250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 202 Department: PRCA Division: Operations

Capital Project: Vietnam Park ADA Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 20,000	\$ 75,000	\$ -	\$ -	\$ 95,000

Description (Purpose & Justification):

This project will address ADA compliance to create better accessibility to the memorial by installing sidewalks and/or ramps.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
GRT 202	95,000			20,000	75,000		95,000
	-						-
	-						-
Total	\$ 95,000	\$ -	\$ -	\$ 20,000	\$ 75,000	\$ -	\$ 95,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
Unfunded**

Fund: _____ Department: PRCA Division: Aquatic Center

Capital Project: Aquatic Center Improvements and Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,066,000	\$ 1,066,000

Description (Purpose & Justification):

Project renovations to include adding roof access ladders, power wash and recoat pool decks, rebuild gutters, renovate soffits, replace pool lighting, replace roof and framing, replace underwater lights with LEDs, and re-plaster 50 meter pool. Roofing barrier is compromised and creates water damage during cold weather.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

Additional operating revenue and expenses are unknown at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
Unfunded**

Fund: _____ Department: PRCA Division: Operations/Grant Funds

Capital Project: Anesi Park & Trail

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000

Description (Purpose & Justification):

This project would provide necessary infrastructure within the park including secondary trails, interpretive signage, playground, boardwalk, fishing pier, and a bridge connecting to South Side River Trail.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

Additional operating revenue and expenses are unknown at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
Unfunded**

Fund: _____ Department: PRCA Division: Operations/Grant Funds

Capital Project: Gateway Trail

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000

Description (Purpose & Justification):

This section of trail will connect the trail from Browning Parkway to the Farmington Gateway Museum and down to Middle Fork Square.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

Additional operating revenue and expenses are unknown at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
Unfunded**

Fund: _____ Department: PRCA Division: Operations/Grant Funds

Capital Project: Gwyhaven Park

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000

Description (Purpose & Justification):

This project would be infrastructure including a bridge from the Gateway Trail to Gwyhaven Park and Trail on the South side of the river to Anesi Park.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

Additional operating revenue and expenses are unknown at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
Unfunded**

Fund: _____ Department: PRCA Division: Operations/Grant Funds

Capital Project: Lake Farmington - Phase III

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,750,000	\$ 2,750,000

Description (Purpose & Justification):

This phase would include a roadway, trail, day use and boar ramp area.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

Additional operating revenue and expenses are unknown at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
Unfunded**

Fund: _____ Department: PRCA Division: Operations/Grant Funds

Capital Project: Totah Park

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 3,000,000

Description (Purpose & Justification):

This project would create a central park that links the river with Downtown Farmington. Some key elements of this park would include a plaza for local events and festivals, possible amphitheater, and large green space for bringing events to the downtown area.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

Additional operating revenue and expenses are unknown at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
Unfunded**

Fund: _____ Department: PRCA Division: Operations/Grant Funds

Capital Project: Sports Complex Synthetic Field

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000

Description (Purpose & Justification):

This project would be in preparation and installation of a synthetic turf ball field at the Sports Complex. This synthetic turf would reduce daily maintenance, allow for higher usage, and be ready to play immediately after inclement weather.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

Additional operating revenue and expenses are unknown at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
Unfunded**

Fund: _____ Department: PRCA Division: perations/Grant Funds

Capital Project: Brookside Upgrade to Interactive Splash Park

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 2,500,000

Description (Purpose & Justification):

Brookside is no longer a useful asset and needs to be replaced with a low maintenance splash park. The splash park would have elements to allow interaction between the participants and elements within the park creating a fun, wet experience for all ages.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

Additional operating revenue and expenses are unknown at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
Unfunded**

Fund: _____ Department: PRCA Division: Recreation Center

Capital Project: Multi-Generation Recreation Facility

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000	\$ 8,000,000

Description (Purpose & Justification):

This new facility would replace the Recreation Center, Senior Center and Indian Center. This facility would become the hub of social activity for recreation users. Some elements of this facility would include activity rooms, sitting rooms, social areas, and fitness components that celebrate the diversity of our community and bring generations together for social interaction.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense							-

Description (Purpose & Justification):

Additional operating revenue and expenses are unknown at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 211 Department: PRCA Division: Operations
 Capital Project: Lake Farmington Design & Construction Document

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000

Description (Purpose & Justification):

This project would include design work on further developing the park and construction document.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Fund 211	125,000	125,000					125,000
	-						-
Total	\$ 125,000	\$ 125,000	\$ -	\$ -	\$ -	\$ -	\$ 125,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		5,000	5,000	5,000	5,000	-	20,000
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating expenses have yet to be determined.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020

Fund: 214 Department: PRCA Division: Operations/Grant Funds

Capital Project: Medians/Concrete Work

Capital Improvement Program Project Detail

Funding Requested:*

	2015		2016		2017		2018		2019		2020		Future Years		Total
\$	85,000	\$	10,000	\$	10,000	\$	10,000	\$	10,000	\$	10,000	\$	-	\$	135,000

Description (Purpose & Justification):

Renovation and repair of medians currently in the adopt a median program. Placeholder only; funding contributions unknown.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Donations from 214 fund	50,000	10,000	10,000	10,000	10,000	10,000	50,000
	-						-
	-						-
Total	\$ 50,000	\$ 10,000	\$ 50,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operation expense included in existing 202 fund budget.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 214 Department: PRCA Division: Senior Citizens Center
 Capital Project: Vehicles

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000

Description (Purpose & Justification):

Purchase a 12 passenger van with wheelchair ties and a Ford Transit Connect XLT Wagon.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
NM Aging and Longterm Service Dept. Capital Outlay	70,000	70,000					70,000
	-						-
	-						-
Total	\$ 70,000	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 214 **Department:** PRCA **Division:** Senior Citizens Center
Capital Project: Addition to Ceramic Kiln Building

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Description (Purpose & Justification):

Construct a ceramic kiln building (24' X 24') in order to separate kilns from senior patrons due to safety issues.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
NM Aging and Longterm Service Dept. Capital Outlay	60,000	60,000					60,000
	-						-
	-						-
Total	\$ 60,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	7,500.00	7,500.00	7,500.00	-	-

Description (Purpose & Justification):

Additional operating expenses to include utilities, natural gas, and staff.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 214 Department: PRCA Division: Senior Citizens Center

Capital Project:

Drainage Project

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	\$ 62,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,000

Description (Purpose & Justification):

To excavate and construct drainage system on the East side entrance of the activity center to mitigate flooding of the basement entrance.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
NM Aging and Longterm Service Dept. Capital Outlay	62,000	62,000					62,000
	-						-
	-						-
Total	\$ 62,000	\$ 62,000	\$ -	\$ -	\$ -	\$ -	\$ 62,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 214 Department: PRCA Division: Senior Citizens Center

Capital Project:

Addition to Greenhouse

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	\$ 26,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,000

Description (Purpose & Justification):

Purchase a 30 'X 48' assembly to provide an indoor area that would accompany the outside raised garden plots on the south end of Annex.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
NM Aging and Longterm Service Dept. Capital Outlay	26,000	26,000					26,000
	-						-
	-						-
Total	\$ 26,000	\$ 26,000	\$ -	\$ -	\$ -	\$ -	\$ 26,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 214 Department: PRCA Division: Senior Citizens Center

Capital Project: Equipment - Salad Bar

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	\$ 6,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,500

Description (Purpose & Justification):

Purchase salad bar to meet the needs of Baby Boomers.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
NM Aging and Longterm Service Dept. Capital Outlay	6,500	6,500					6,500
	-						-
	-						-
Total	\$ 6,500	\$ 6,500	\$ -	\$ -	\$ -	\$ -	\$ 6,500

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
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If YES, please complete Page 2-3

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 214 Department: PRCA Division: Senior Citizens Center
Senior Center Floor Tile Replacment

Capital Project:

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Description (Purpose & Justification):

Replace 20 years old tile in the dining hall.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
NM Aging and Longterm Service Dept. Capital Outlay	20,000	20,000					20,000
	-						-
	-						-
Total	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 214 Department: PRCA Division: Senior Citizens Center
Senior Center Improvements - ADA Compliance

Capital Project:

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Description (Purpose & Justification):

Door entrances need to be ADA upgraded to accommodate all patrons.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
NM Aging and Longterm Service Dept. Capital Outlay	20,000	20,000					20,000
	-						-
	-						-
Total	\$ 20,000	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue or expense associated with this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020

Fund: 223 Department: Community Development Division: CDBG

Capital Project: Downtown Gateway Signage

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Description (Purpose & Justification):

The project consists of the construction and installation of up to four entry monument signs and one directional sign in accordance with the signage/way finding/branding recommendations of the MRA Plan (pages 75-76, 79). The amount of \$60,000 for this project was approved by the City Council as part of 2011 CDBG Action Plan. The total project cost is \$135,000, including a \$75,000 appropriation, approved from the MRA Fund in FY13. Design for the project was completed in FY15. No additional funding is requested for this project.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
CDBG Grant	30,000	30,000					30,000
	-						-
	-						-
Total	\$ 30,000	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

There are no additional operating revenue or expenditures expected as a result of this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
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**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 223

Department: Community Development

Division: CDBG

Capital Project: CDBG Capital Projects

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$	226,482	\$	226,482	\$	226,482	\$	226,482
						\$	-
						\$	1,132,410

Description (Purpose & Justification):

Approximately 65% of the annual CDBG Grant is devoted to HUD-eligible Capital Projects through the Annual Action Plan process. Specific projects are selected through the RFP process over each spring/summer. Funding of selected projects begins October 1 and ends September 30 (Federal Fiscal Year). Capital projects may be carried over from year to year.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
CDBG Grants	1,132,410	226,482	226,482	226,482	226,482	226,482	1,132,410
	-						-
	-						-
Total	\$ 1,132,410	\$ 226,482	\$ 1,132,410				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

The level of funding is determined by the Department of Housing and Urban Development (HUD) on an annual basis. The overall CDBG funding level nationally is subject to approval by the US Congress. Eligible expenses of selected projects are reimbursed by CDBG funding to the maximum grant awarded. Any amounts over the grant award are paid by the grant recipient. No additional operating revenue and expense is expected as a result of these projects.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
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**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 223

Department: Community Development

Division: CDBG

Capital Project: JIP Facility Development and Construction

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
	\$ 319,708	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 319,708

Description (Purpose & Justification):

CDBG funding for the development and construction of the Joint Intervention Program (JIP) Facility on Ojo Court was approved by the City Council in August 2014 as the 2014 Action Plan's Capital Project. This project proposes to provide transitional housing for homeless individuals in an active, intense substance abuse counselling program. The modular building would provide housing for 40 individuals. The structure will consist of 5 modular units and will be placed on permanent foundations with full utilities, including a kitchen, dining and laundry areas.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
CDBG Grants	319,708	319,708	-	-	-	-	319,708
	-						-
	-						-
Total	\$ 319,708	\$ 319,708	\$ -	\$ -	\$ -	\$ -	\$ 319,708

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

The level of funding is determined by the Department of Housing and Urban Development (HUD) on an annual basis. The overall CDBG funding level nationally is subject to approval by the US Congress. Eligible expenses of selected projects are reimbursed by CDBG funding to the maximum grant awarded. Any amounts over the grant award are paid by the grant recipient. No additional operating revenue and expense is expected as a result of these projects.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
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**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 401 Department: Public Works Division: Streets

Capital Project: Local Government Road Fund Projects- 20th Street Municipal to Sunset

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000	\$ -	\$ -	\$ 300,000

Description (Purpose & Justification):

Application to be submitted requesting NMDOT funding for resurfacing on a collector or above street. Public Works will be installing a waterline on 20th Street this summer. If successful in the application we will resurface the entire width spring/summer 2017.

Funding Sources: NMDOT Transportation Alternatives Program

Description	Total Funding	2016	2017	2018	2019	2020	Total
NM DOT	240,000		120,000		120,000		240,000
Local Funding	60,000		30,000		30,000		60,000
	-						-
Total	\$ 300,000	\$ -	\$ 150,000	\$ -	\$ 150,000	\$ -	\$ 300,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Currently maintain the street so no additional cost will be incurred. No operating revenue anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 401 Department: Public Works Division: Streets

Capital Project: Moving Ahead for Progress in the 21st Century Projects - Foothills Enhancement Phase I

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 950,000	\$ -	\$ -	\$ -	\$ -	-	\$ 950,000

Description (Purpose & Justification):

Public Works received \$477,284 from NMDOT Moving Ahead for Progress in the 21st Century (MAP) program. The typical grant is between \$500,000 and \$900,000 from NMDOT. Holmes to Lakewood Construction

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
NMDOT MAP	477,284	477,284					477,284
Local Funding	472,716	472,716					472,716
	-						-
Total	\$ 950,000	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ 950,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Currently maintain the street so no additional cost will be incurred. No operating revenue anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 401 Department: Public Works Division: Streets

Capital Project: Safety Project -- San Juan / Scott Intersection Design

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	\$ 10,000	\$ 355,000	-	-	-	-	\$ 365,000

Description (Purpose & Justification):

San Juan Blvd / Scott Intersection -- safety improvements. Design work to be complete FY16; traffic signal reconstruction and intersection improvements FY17.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
NMDOT CO-OP	328,872		328,872				328,872
Local Funding	36,128	10,000	26,128				36,128
	-						-
Total	\$ 365,000	\$ 10,000	\$ 355,000	\$ -	\$ -	\$ -	\$ 365,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Currently maintain the signal and intersection, so no additional cost or revenue anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 401 Department: Public Works Division: Streets

Capital Project: Transportation Alternatives Program Projects-20th Street Sidewalk Project (Phase I & II)

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	\$ 400,000	\$ 251,000	\$ 249,000	\$ 249,000	\$ -	\$ -	\$ 1,149,000

Description (Purpose & Justification):

Sidewalk project funded under the federal Transportation Alternatives Program (TAP). Design was done by CHC. We phased this project into 4 phases each approximately 2 blocks long to fit the funding source. We are funded for both FY15 and FY16 for the first two phases. Phase 1 is Clayton to Hutton, Phase 2 is Hutton to Fairview. Updates the ADA ramps and sidewalks per the ADA requirements in addition to insuring a wider unobstructed walking space and offset sidewalks where possible.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
NMDOT TAP	887,642	319,482	190,760	188,700	188,700		887,642
Local Funding	261,358	80,518	60,240	60,300	60,300		261,358
	-						-
Total	\$ 1,149,000	\$ 400,000	\$ 251,000	\$ 249,000	\$ 249,000	\$ -	\$ 1,149,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Currently maintain the sidewalks so no additional revenue or cost will be incurred.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 401 Department: Public Works Division: Streets

Capital Project: Pinon Hills Bridge Project NM516 to Hubbard - FY16

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 3,700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,700,000

Description (Purpose & Justification):

Continuation of the FHWA/NMDOT project to finalize design and acquire ROW. Remaining funds of the original grant will be incorporated in the Phase 1 construction project (additional \$3 million grant), Main to Hubbard and Main/PHB intersection improvements.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
FHWA/NMDOT Grant	3,388,000	3,388,000					3,388,000
Local Funding	312,000	312,000					312,000
	-						-
Total	\$ 3,700,000	\$ 3,700,000	\$ -	\$ -	\$ -	\$ -	\$ 3,700,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

The maintenance is included in the 201 existing operating budget. No operating revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 401 Department: Public Works Division: Streets

Capital Project: EPHB-Bridge Project

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:

2015	2016	2017	2018	2019	2020	Future Years	Total
		\$ 250,000		\$ -	\$ 14,000,000	\$ -	\$ 14,250,000

Description (Purpose & Justification):

UNFUNDED PROJECT: Phase 2 of the project to design and construct bridge and complete connection to San Juan County portion of the project. Applying for various funding sources including CMAC funds. NMDOT has committed to program funding in the amount of 10 million with 4 million local match.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
NM DOT	10,000,000					10,000,000	10,000,000
Local Funding	4,000,000					4,000,000	4,000,000
CMAC	250,000		250,000				250,000
Total	\$ 14,250,000	\$ -	\$ 250,000	\$ -	\$ -	\$ 14,000,000	\$ 14,250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

The maintenance will be included in the 201 existing operating budget. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2015-FY2019

Fund: 409 Department: General Services Division: Airport

Capital Project: Taxiway A Reconstruction Hot Spot/Electrical

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 1,025,000	\$ -	\$ -	\$ 1,025,000

Description (Purpose & Justification):

Taxiway A reconstruction hot spot/electrical (\$1,025,000).

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Local Funding	1,025,000				1,025,000		1,025,000
	-						-
	-						-
Total	\$ 1,025,000	\$ -	\$ -	\$ -	\$ 1,025,000	\$ -	\$ 1,025,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Operating revenue and expenses are already reflected in the 101 fund.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2015-FY2019

Fund: 409 Department: General Services Division: Airport

Capital Project: Rehab Taxiway E, F, and G

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2014	2015	2016	2017	2018	2019	Future Years	Total
\$ -		\$ 1,745,625	\$ -	\$ -	\$ -	\$ -	\$ 1,745,625

Description (Purpose & Justification):

FAA 15 Grant - Taxiway G,F, E rehabilitation construction

Funding Sources:

Description	Total Funding	2015	2016	2017	2018	2019	Total
FAA Reimb 93.75%	1,636,523		1,636,523				1,636,523
State Funding 3.125%	54,551		54,551				54,551
Local Funding 3.125%	54,551		54,551				54,551
Total	\$ 1,745,625		\$ 1,745,625	\$ -	\$ -	\$ -	\$ 1,745,625

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2015	2016	2017	2018	2019	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Construction of Taxiway E,F,G rehabilitation

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020

Fund: 411

Department: Community Development

Division: Metropolitan Redevelopment Authority

Capital Project: Gateway Projects

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000

Description (Purpose & Justification):

The project consists of the construction and installation of up to four Downtown Gateway entry monument signs and one directional sign in accordance with the signage/wayfinding/branding recommendations of the MRA Plan (pages 75-76, 79). The amount for this project was approved by the City Council in FY13. The total project cost is \$135,000, including a \$60,000 appropriation, approved from the 2011 CDBG Action Plan. No additional funding is requested for this project.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
MRA Contribution from 408	75,000	75,000					75,000
	-						-
	-						-
Total	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Expenditure of Cash Reserve funds in the 408 fund were approved by Council on February 12, 2013. In FY 14, these earmarked funds were transferred to the MRA fund to better account for MRA transactions. No additional operating revenue and expense is expected as a result of this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
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City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 411 Department: Community Development Division: Metropolitan Redevelopment Authority

Capital Project: Blue Zone Complete Streets Design

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	\$ 59,980	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,980

Description (Purpose & Justification):

Funding for complete streets design by Blue Zone for Main Street and Broadway in the Downtown Area.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Complete Streets Design	59,980	59,980					59,980
	-						-
	-						-
Total	\$ 59,980	\$ 59,980	\$ -	\$ -	\$ -	\$ -	\$ 59,980

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue and expense is expected as a result of this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
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City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 411

Department: Community Development

Division: Metropolitan Redevelopment Authority

Capital Project: Future Projects

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	\$ 927,987	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 927,987

Description (Purpose & Justification):

Funding for future projects is available as approved by the MRA Commission and the City Council.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
MRA Contribution from 408	927,987	927,987					927,987
	-						-
	-						-
Total	\$ 927,987	\$ 927,987	\$ -	\$ -	\$ -	\$ -	\$ 927,987

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional operating revenue and expense is expected as a result of this project.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
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2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION
New vehicles
PURPOSE AND JUSTIFICATION:
New vehicle for replacement of an older fleet vehicle within the Generation Administration and have available a spare vehicle to go between Bluffview and Animas for Operations when they do plant checks.

DEPARTMENT/DIVISION:	Electric Utility/Generation
PROJECT TITLES:	Vehicle
PROJECT LOCATION:	Animas/Bluffview Power Plant
PRIORITY CLASS:	D2
PROJECT MANAGER:	Jim Eargle
PROJECT TYPE:	Fleet
Work Order Number:	WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	994,000	-	-	-	-	-	994,000
Total Project Cost	994,000	-	-	-	-	-	994,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 994,000	\$ -	994,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 3, 2015

DESCRIPTION Bucket truck canopy Equipment canopy
PURPOSE AND JUSTIFICATION: Provide covered parking and storage canopies for equipment in new MOC area.

DEPARTMENT/DIVISION:	Electric Utility/System Operations
PROJECT TITLES:	Truck-Equipment Canopy
PROJECT LOCATION:	MOC
PRIORITY CLASS:	D1
PROJECT MANAGER:	Rodney Romero
PROJECT TYPE:	General Plant
 Work Order Number:	 WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	1,600,000	-	-	-	-	-	1,600,000
Total Project Cost	1,600,000	-	-	-	-	-	1,600,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 1,600,000	\$ -	1,600,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 3, 2015

DESCRIPTION Fiber Optics Animas to Bisti phase 2
PURPOSE AND JUSTIFICATION: Run fiber optic cable from Animas to Bisti. Phase 2 complete second half of the 21.11 mile path.

DEPARTMENT/DIVISION:	Electric Utility/System Operations
PROJECT TITLES:	Animas to Bisti Fiber Optic
PROJECT LOCATION:	Electric System
PRIORITY CLASS:	D2
PROJECT MANAGER:	Britt Chesnut
PROJECT TYPE:	Communications
 Work Order Number:	 WF0848062

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	450,000	-	-	-	-	-	450,000
Total Project Cost	450,000	-	-	-	-	-	450,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 450,000	\$ -	450,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 3, 2015

DESCRIPTION Fiber Optics West Loop to Twin Peaks Substation
PURPOSE AND JUSTIFICATION: Run fiber optic cable from West Lopp Substation to New Twin Peaks.

DEPARTMENT/DIVISION:	Electric Utility/System Operations
PROJECT TITLES:	West Loop to Twin Peaks Fiber Optic
PROJECT LOCATION:	Electric System
PRIORITY CLASS:	D2
PROJECT MANAGER:	Britt Chesnut
PROJECT TYPE:	Communications
 Work Order Number:	 WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	-	350,000	-	-	-	-	350,000
Total Project Cost	-	350,000	-	-	-	-	350,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000

2015-2020 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 10, 2014

DESCRIPTION Fiber Optics path from Hart Canyon to Cedar Hill Substation
PURPOSE AND JUSTIFICATION: Run a fiber optic path from Hart Canyon to Cedar Hill Substation.

DEPARTMENT/DIVISION:	Electric Utility/System Operations
PROJECT TITLES:	Hart Canyon to Cedar Hill Fiber Optic
PROJECT LOCATION:	Electric System
PRIORITY CLASS:	D2
PROJECT MANAGER:	Britt Chesnut
PROJECT TYPE:	Communications
Work Order Number:	WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	-	-	-	200,000	-	-	200,000
Total Project Cost	-	-	-	200,000	-	-	200,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ 200,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 3, 2015

DESCRIPTION OC48 upgrade
PURPOSE AND JUSTIFICATION: Upgrading fiber optic equipment to OC 48 ring two.

DEPARTMENT/DIVISION:	Electric Utility/System Operations
PROJECT TITLES:	OC48 Upgrade Ring 2
PROJECT LOCATION:	Electric System
PRIORITY CLASS:	D2
PROJECT MANAGER:	Britt Chesnut
PROJECT TYPE:	Communications
 Work Order Number:	 WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	210,000	-	-	-	-	-	210,000
Total Project Cost	210,000	-	-	-	-	-	210,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 210,000	\$ -	210,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 3, 2015

DESCRIPTION
Fiber Optics System Wide
PURPOSE AND JUSTIFICATION:
System wide fiber optic system improvements

DEPARTMENT/DIVISION:	Electric Utility/System Operations
PROJECT TITLES:	System wide fiber improvements
PROJECT LOCATION:	Electric System
PRIORITY CLASS:	D2
PROJECT MANAGER:	Britt Chesnut
PROJECT TYPE:	Communications
 Work Order Number:	 WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	100,000	50,000	50,000	50,000	50,000	50,000	350,000
Total Project Cost	100,000	50,000	50,000	50,000	50,000	50,000	350,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 100,000	\$ 50,000	\$ 350,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 3, 2015

DESCRIPTION Chaco fiber project
PURPOSE AND JUSTIFICATION: Install new fiber node at Chaco Plant. Converting from microwave radio to fiber optic.

DEPARTMENT/DIVISION:	Electric Utility/System Operations
PROJECT TITLES:	Chaco Fiber Node
PROJECT LOCATION:	Electric System
PRIORITY CLASS:	D2
PROJECT MANAGER:	Britt Chesnut
PROJECT TYPE:	Communications
 Work Order Number:	 WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	40,000	-	-	-	-	-	40,000
Total Project Cost	40,000	-	-	-	-	-	40,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 40,000	\$ -	40,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 3, 2015

DESCRIPTION
Tank Mountain Microwave radio upgrade
PURPOSE AND JUSTIFICATION:
Upgrade obsolete microwave equipment at Tank Mountian

DEPARTMENT/DIVISION:	Electric Utility/System Operations
PROJECT TITLES:	Tank Mountain Microwave Upgrade
PROJECT LOCATION:	Electric System
PRIORITY CLASS:	D2
PROJECT MANAGER:	Britt Chesnut
PROJECT TYPE:	Communications
Work Order Number:	WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	-	300,000	-	-	-	-	300,000
Total Project Cost	-	300,000	-	-	-	-	300,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION: Re-route a portion of Feeder 2401 to improve ease of access.
PURPOSE AND JUSTIFICATION: Necessity: Presently a portion of Feeder 2401 is in an area that becomes quite inaccessible during bad weather. Needed upgrade to balance the circuit. Benefit: Re-routing this portion of distribution will greatly decrease outage response time and therefore increase reliability. Keep unbalanced load on neutral manageable. Alternatives: None Consequences: Not performing this work will delay outage recovery significantly and decreases reliability.

DEPARTMENT/DIVISION:	Electric/Engineering
PROJECT TITLES:	Feeder 2401 Re-route
PROJECT LOCATION:	Navajo City
PRIORITY CLASS:	D1
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF0769005

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ 8,969	\$ -	\$ -	\$ -	\$ -	\$ -	8,969
Overhead	11,032	-	-	-	-	-	11,032
Materials	30,000	-	-	-	-	-	30,000
Total Project Cost	50,000	-	-	-	-	-	50,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 50,000	\$ -	50,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Conversion from single-phase to three-phase with #2 ACSR on E. Hammond Road.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: Load accomodation, load balance for Circuit 842.</p> <p>Benefit: Ability to serve 3Ø load and minimize voltage drop.</p> <p>Alternatives: None</p> <p>Consequences: Unbalanced load, voltage drop issues</p>

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Feeder 842 Rebuild
PROJECT LOCATION:	Rd 4999, E. Hammond
PRIORITY CLASS:	M2
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 58,295	\$ -	\$ -	\$ -	\$ -	\$ 58,295
Overhead	-	71,705	-	-	-	-	71,705
Materials	-	195,000	-	-	-	-	195,000
Total Project Cost	-	325,000	-	-	-	-	325,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 325,000	\$ -	\$ -	\$ -	\$ -	\$ 325,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION:
PURPOSE AND JUSTIFICATION:
Necessity:
Benefit:
Alternatives:
Consequences:

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Distribution Future
PROJECT LOCATION:	Various
PRIORITY CLASS:	D2
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 116,591	\$ 134,528	\$ 134,528	\$ 134,528	\$ 134,528	\$ 654,701
Overhead	-	143,410	165,473	165,473	165,473	165,473	805,300
Materials	-	390,000	450,000	450,000	450,000	450,000	2,190,000
Total Project Cost	-	650,000	750,000	750,000	750,000	750,000	3,650,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 650,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 750,000	\$ 3,650,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION: Design and build, re-build or convert various overhead distribution projects.
PURPOSE AND JUSTIFICATION: Necessity: The FEUS Distribution system requires regular upgrades whether it be the construction of a new feeder, a re-build of an existing feeder, or the conversion of a feeder from single phase to either V-phase or 3-phase. Benefit: Improved reliability. Alternatives: None Consequences: Not producing this work will lend the distribution system to decay, thereby causing lengthy outages and reducing overall liability.

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Distribution Projects: Overhead
PROJECT LOCATION:	Various
PRIORITY CLASS:	D2
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	X
Contract Labor: _____	
Work Order Number:	WF000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ 358,740	\$ 376,677	\$ 403,583	\$ 448,425	\$ 1,587,425
Overhead	-	-	441,260	463,323	496,418	551,575	1,952,576
Materials	-	-	1,200,000	1,260,000	1,350,000	1,500,000	5,310,000
Total Project Cost	-	-	2,000,000	2,100,000	2,250,000	2,500,000	8,850,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ 2,000,000	\$ 2,100,000	\$ 2,250,000	\$ 2,500,000	\$ 8,850,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION: Conversion and reconductoring of 4701 and 4702 tie line.
PURPOSE AND JUSTIFICATION: Necessity: Building a feeder tie will improve reliability by providing loop-fed service. Benefit: Improved reliability. Alternatives: To build new substation in Middle Mesa. Consequences: If the feeder tie is not built, outages will be lengthy.

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Feeders 4701 and 4702 Conversion
PROJECT LOCATION:	Middle Mesa
PRIORITY CLASS:	M2
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	X
Contract Labor: _____	
Work Order Number:	WF0769455

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ 26,906	\$ -	\$ -	\$ -	\$ -	\$ -	26,906
Overhead	33,095	-	-	-	-	-	33,095
Materials	90,000	-	-	-	-	-	90,000
Total Project Cost	150,000	-	-	-	-	-	150,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 150,000	\$ -	150,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION:
Future project.
PURPOSE AND JUSTIFICATION:
Necessity:
Benefit:
Alternatives:
Consequences:

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Feeder 2205 - Ext.
PROJECT LOCATION:	
PRIORITY CLASS:	
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	-	-	400,500	-	-	-	400,500
Total Project Cost	-	-	400,500	-	-	-	400,500
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ 400,500	\$ -	\$ -	\$ -	\$ 400,500

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION: Circuit 2703 underground upgrade.
PURPOSE AND JUSTIFICATION: Necessity: Aging underground cable and unbalanced load. Benefit: Minimize outages, correct bad load imbalance. Alternatives: None. Consequences: Longer power restoration. Poorly balanced system.

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Feeder 2703-UG-Country Club
PROJECT LOCATION:	Country Club Drive
PRIORITY CLASS:	M1
PROJECT MANAGER:	L. Alibarges
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF0863866

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ 8,969	\$ 89,685	\$ 89,685	\$ -	\$ -	\$ -	\$ 188,339
Overhead	11,032	110,315	110,315	-	-	-	231,662
Materials	30,000	300,000	300,000	-	-	-	630,000
Total Project Cost	50,000	500,000	500,000	-	-	-	1,050,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 50,000	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 1,050,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

DESCRIPTION: Upgrade and replace aging distribution infrastructure.
PURPOSE AND JUSTIFICATION: Necessity: Various areas of the distribution system have been ravaged by the elements over time. These areas need the infrastructure replaced at an accelerated rate. Benefit: A replaced or updated system will reduce maintenance and improve reliability. Alternatives: None Consequences: Foregoing replacements will increase the risk of outages, increase maintenance requirements, and decrease reliability

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Distribution Upgrades
PROJECT LOCATION:	Various
PRIORITY CLASS:	M2
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: <u>X</u>
Work Order Number:	WF0XXXXXX

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	1,200,000	1,200,000	1,400,000	1,400,000	1,500,000	1,500,000	8,200,000
Total Project Cost	1,200,000	1,200,000	1,400,000	1,400,000	1,500,000	1,500,000	8,200,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 1,200,000	\$ 1,200,000	\$ 1,400,000	\$ 1,400,000	\$ 1,500,000	\$ 1,500,000	\$ 8,200,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION: To install new underground feeders out of Aztec Substation.
PURPOSE AND JUSTIFICATION: Necessity: To install underground cables to connect with existing overhead conductor. Benefit: To have complete feeder system to serve loads. Alternatives: No room to set anchors if go overhead. Consequences: Will not be able to tie to existing overhead system.

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Feeders-Aztec Substation
PROJECT LOCATION:	Aztec Substation
PRIORITY CLASS:	M2
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0856030

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	6,000	-	-	-	-	-	6,000
Materials	194,000	-	-	-	-	-	194,000
Total Project Cost	200,000	-	-	-	-	-	200,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 200,000	\$ -	200,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Reconductor existing line from #2 ACSR to #336.4 ACSR, about 2.5 miles.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: Larger conductor to carry more current.</p> <p>Benefit: Be able to backup Foothills and Lakeview circuits if need be during shutdowns of these two substations.</p> <p>Alternatives: None</p> <p>Consequences: Loss of backup source for Circuit 2703 and 1404.</p>

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Feeder 4808 - Rebuild
PROJECT LOCATION:	Hallmarc Street to Vista Substation
PRIORITY CLASS:	M2
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 80,717	\$ -	\$ -	\$ -	\$ -	\$ 80,717
Overhead	-	99,284	-	-	-	-	99,284
Materials	-	270,000	-	-	-	-	270,000
Total Project Cost	-	450,000	-	-	-	-	450,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION: Convert single phase to three phase with #336.4 ACSR.
PURPOSE AND JUSTIFICATION: Necessity: Aternate tie between Vista Substation and Bergin Substation. Benefit: Will pickup most of Circuit 843 and some 4501 customer loads for emergency. Will improve imbalanced load. Alternatives: Tie 4501 & 843 Circuits for a limited time. Consequences: Unbalance load on the circuit.

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Feeder 4501/4502 - Rebuild
PROJECT LOCATION:	Rd. 5292, Crouch Mesa Area
PRIORITY CLASS:	M2
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF0863876

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ 174,886	\$ -	\$ -	\$ -	\$ -	\$ -	174,886
Overhead	215,114	-	-	-	-	-	215,114
Materials	585,000	-	-	-	-	-	585,000
Total Project Cost	975,000	-	-	-	-	-	975,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 975,000	\$ -	975,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION: To reconductor Circuit 1103 with #336.4 ACSR.
PURPOSE AND JUSTIFICATION: Necessity: A tie between 1103 and 2603 Circuits. Benefit: The only backup tie between 1103 and 2603. Alternatives: Rebuild another more lengthy feeder tie. Consequences: Longer outages, poor reliability, and loss of profit.

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Feeder 1103 Rebuild
PROJECT LOCATION:	Navajo Dam Rd., Hwy. 173
PRIORITY CLASS:	M2
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF0863865

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ 107,622	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 107,622
Overhead	132,378	-	-	-	-	-	132,378
Materials	360,000	-	-	-	-	-	360,000
Total Project Cost	600,000	-	-	-	-	-	600,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 600,000	\$ -	\$ 600,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION: To reconductor Circuit 2603 with #336.4 ACSR.
PURPOSE AND JUSTIFICATION: Necessity: A tie between 2603 and 1103 Circuits. Benefit: The only backup tie between 2603 and 1103 Circuits. Alternatives: Rebuild another more lengthy feeder tie. Consequences: Longer outages, poor reliability, and loss of profit.

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Feeder 2603 Rebuild
PROJECT LOCATION:	Rd. 2575, North of Hwy. 173
PRIORITY CLASS:	M2
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	X _____ Contract Labor: _____
Work Order Number:	WF0863842

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ 179,370	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 179,370
Overhead	220,630	-	-	-	-	-	220,630
Materials	600,000	-	-	-	-	-	600,000
Total Project Cost	1,000,000	-	-	-	-	-	1,000,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 1,000,000	\$ -	\$ 1,000,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION:
To restore 240 volts to street lighting.
PURPOSE AND JUSTIFICATION:
Necessity: Repair the long-damaged UG secondary system. Able to carry additional street light loads.
Benefit: Serve more street lighting. Accommodate the needs of the MRA.
Alternatives: Leave damaged system in place
Consequences: Run the risk of blacking out street lights in downtown Farmington due to damaged system. Doesn't have alternate voltage to power the street lights.

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Main Street Rebuild - Street Lights
PROJECT LOCATION:	Downtown Mainstreet
PRIORITY CLASS:	D1
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF0864059

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ 89,685	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 89,685
Overhead	110,315	-	-	-	-	-	110,315
Materials	300,000	-	-	-	-	-	300,000
Total Project Cost	500,000	-	-	-	-	-	500,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 500,000	\$ -	\$ 500,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION: To reconductor Circuit 2702 with #336.4 ACSR.
PURPOSE AND JUSTIFICATION: Necessity: Increase capacity of Feeder 2702 Benefit: Help voltage drop and increased load capacity on the circuit. Alternatives: Limited. Consequences: Voltage drop issues, and limited load capacity.

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Feeder 2702 - Rebuild
PROJECT LOCATION:	Along Hwy. 516
PRIORITY CLASS:	M2
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	X
Contract Labor: _____	
Work Order Number:	WF000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 127,353	\$ -	\$ -	\$ -	\$ -	\$ 127,353
Overhead	-	156,647	-	-	-	-	156,647
Materials	-	426,000	-	-	-	-	426,000
Total Project Cost	-	710,000	-	-	-	-	710,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 710,000	\$ -	\$ -	\$ -	\$ -	\$ 710,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Circuits 1301 and 2302 reconductoring to #336.4 ACSR.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: Tie between 1301 and 2302.</p> <p>Benefit: Backup circuits between Bloomfield Substation and Pump Canyon Substation.</p> <p>Alternatives: None.</p> <p>Consequences: Drop some load and longer outages.</p>

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Feeder 1301 and 2302 Rebuild
PROJECT LOCATION:	Hwy. 64 East
PRIORITY CLASS:	M2
PROJECT MANAGER:	L. Aligarbes/W. Allies
PROJECT TYPE:	
FEUS Labor: _____	X
Contract Labor: _____	
Work Order Number:	WF000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 135,424	\$ -	\$ -	\$ -	\$ -	\$ 135,424
Overhead	-	166,576	-	-	-	-	166,576
Materials	-	453,000	-	-	-	-	453,000
Total Project Cost	-	755,000	-	-	-	-	755,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 755,000	\$ -	\$ -	\$ -	\$ -	\$ 755,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>To convert single-phase to three-phase with #336.4 ACSR.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: To help balance the load on the circuit.</p> <p>Benefit: To avoid overload tripping at the relay and upstream devices.</p> <p>Alternatives: None.</p> <p>Consequences: Overload tripping and high neutral current.</p>

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Feeder 901 Rebuild
PROJECT LOCATION:	RD 6480, Kirtland
PRIORITY CLASS:	M2
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 58,295	\$ -	\$ -	\$ -	\$ -	\$ 58,295
Overhead	-	71,705	-	-	-	-	71,705
Materials	-	195,000	-	-	-	-	195,000
Total Project Cost	-	325,000	-	-	-	-	325,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 325,000	\$ -	\$ -	\$ -	\$ -	\$ 325,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION:
Future project.
PURPOSE AND JUSTIFICATION:
Necessity:
Benefit:
Alternatives:
Consequences:

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Feeder 2206
PROJECT LOCATION:	
PRIORITY CLASS:	
PROJECT MANAGER:	L. Aligarbes
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	-	-	750,000	-	-	-	750,000
Total Project Cost	-	-	750,000	-	-	-	750,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	750,000	\$ -	\$ -	\$ -	750,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION To provide service to new customers, street lights, relocation of lines, improve isolated portions of the system due to voltage complaints, inadequate clearance or capacity, special projects for other departments. This budget covers the matching costs for subdivision, new customers and customer upgrades. It is also needed for customer upgrades in areas that have been in service for a long period of time where the utility pays for the upgrade. The next two years will have extra costs extending line to serve oil field compressors.</p>
<p>PURPOSE AND JUSTIFICATION: Provide facilities necessary to serve new customers and improve reliability of the system. Include funds to upgrade old service with additional loads.</p>

DEPARTMENT/DIVISION:	Electric Utility/Electric Construction
PROJECT TITLES:	Customer Work Orders
PROJECT LOCATION:	Electric Service Area
PRIORITY CLASS:	M2
PROJECT MANAGER:	J. Armenta
PROJECT TYPE:	New Development/Facility
RELATIONSHIP TO EXISTING PLANS (COMPREHENSIVE, NEIGHBORHOOD, AREA, MASTER):	
Essential budget item for new construction.	
SUMMARY OF OPERATING BUDGET IMPLICATIONS:	
Mandatory to serve new customers.	

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ 750,000	\$ 761,250	\$ 772,669	\$ 784,259	\$ 796,023	\$ 807,963	\$ 4,672,163
Overhead	922,500	936,338	950,383	964,638	979,108	993,794	5,746,761
Materials	1,127,500	1,144,413	1,161,579	1,179,002	1,196,687	1,214,638	7,023,819
Total Project Cost	2,800,000	2,842,000	2,884,630	2,927,899	2,971,818	3,016,395	17,442,743
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 2,800,000	\$ 2,842,000	\$ 2,884,630	\$ 2,927,899	\$ 2,971,818	\$ 3,016,395	\$ 17,442,743

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Obtain a GPS location and photographs of all distribution facilities and customer meters, and store them in the FEUS Geographical Information System (GIS).</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: Some of the data is incorrect, and no meters are tracked currently in the GIS database.</p> <p>Benefit: This GPS Point Inventory Project will collect and correct ALL distribution facilities and meter/transformer connections. Many benefits will be realized. Two of them are 1) providing the basis for an outage management system, and 2) allowing for accurate reliability calculations.</p> <p>Alternatives:</p> <p>Consequences: Not doing this project will prevent the implementation of a viable OMS.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	GPS Point Inventory
PROJECT LOCATION:	FEUS Dist. System
PRIORITY CLASS:	D1
PROJECT MANAGER:	K. Cope
PROJECT TYPE:	Distribution
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF0795188

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -		\$ -	\$ -	\$ -	\$ -	-
Overhead	-		-	-	-	-	-
Materials	300,600		-	-	-	-	300,600
Total Project Cost	300,600	-	-	-	-	-	300,600
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 300,600	\$ -	300,600				

201-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 2, 2015

DESCRIPTION Upgrade TS1 electric billing meter to PLX billing meter
PURPOSE AND JUSTIFICATION: Systemwide upgrade from TS1 to PLx metering. TS1 meters are obsolete and non servicable.

DEPARTMENT/DIVISION:	Electric Utility/System Operations
PROJECT TITLES:	Upgrade TS1 meters to PLX Meters
PROJECT LOCATION:	Electric System
PRIORITY CLASS:	D2
PROJECT MANAGER:	Britt Chesnut
PROJECT TYPE:	Metering
Work Order Number:	WF0827160

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	1,090,000	500,000	750,000	500,000	500,000	500,000	3,840,000
Total Project Cost	1,090,000	500,000	750,000	500,000	500,000	500,000	3,840,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 1,090,000	\$ 500,000	\$ 750,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 3,840,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION
New 5 MW Solar Generation Facility
PURPOSE AND JUSTIFICATION:
To provide renewable generation to FEUS.

DEPARTMENT/DIVISION:	Electric/Generation
PROJECT TITLES:	5 MW Solar Facility
PROJECT LOCATION:	Generation
PRIORITY CLASS:	D3
PROJECT MANAGER:	
PROJECT TYPE:	New development/facility
Work Order Number:	WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	4,000,000	4,000,000	-	-	-	-	8,000,000
Total Project Cost	4,000,000	4,000,000	-	-	-	-	8,000,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 4,000,000	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 2015

<p>DESCRIPTION</p> <p>The Animas little hydro unit is powered by flow from the Willet Ditch. This unit was in operation since 1921 to 2003 with only minor modifications made to it in the past. To ensure safe operation, the unit must be inspected and the unit will require some mechanical and electrical upgrades. Much of the work is to improve electrical safety because of the open switchgear and original exciter voltage controls, as well as mechanical inspection and repair. This project is to perform these repairs and upgrades for continued operation.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>The turbine runner and generator must be inspected and repaired if needed. Most of the electrical system requires replacement because of obsolete equipment to ensure safe and reliable operation.</p>

DEPARTMENT/DIVISION:	Electric Utility/Generation
PROJECT TITLES:	Little Hydro Mechanical & Electrical
PROJECT LOCATION:	Animas Power Plant
PRIORITY CLASS:	D2
PROJECT MANAGER:	
PROJECT TYPE:	Generation
Work Order Number:	WF0816836

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$	-	\$	-	\$	-	-
Overhead	-	-	-	-	-	-	-
Materials	400,000	-	-	-	-	-	400,000
Total Project Cost	400,000	-	-	-	-	-	400,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 400,000	\$ -	400,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 2015

<p>DESCRIPTION</p> <p>The transformer at Bluffview was installed closer to the main power plant building than current NFPA requirements allow. One option is to add a firewall between the transformer and building. A second option is to install a firewater deluge system. The firewall would require relocation of the discharge duct, return duct, and the outside compressor unit for the MCC air conditioning system. All other equipment and wall penetrations would also need to be moved or protected.</p>	<p>DEPARTMENT/DIVISION: Electric Utility/Generation</p> <p>PROJECT TITLES: Step-Up Transformer Fire Protection</p> <p>PROJECT LOCATION: Bluffview Power Plant</p> <p>PRIORITY CLASS: M2</p> <p>PROJECT MANAGER:</p> <p>PROJECT TYPE: Generation</p> <p>Work Order Number: WF0816848</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>This project is to address the potential fire hazards of the transformer's close proximity to the building. Either of the two options would meet the NFPA requirements if engineered correctly. Because of the existing configuration, the firewater deluge system is the preferred system.</p>	

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	200,000	-	-	-	-	-	200,000
Total Project Cost	200,000	-	-	-	-	-	200,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 200,000	\$ -	200,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 2015

<p>DESCRIPTION</p> <p>Recent outages have occurred that required the isolation of the HRSG from the steam turbine while the gas turbine was running. The manually operated main steam stop valve had to be closed to isolate the two pieces of equipment. Working behind one closed valve at the high pressure and temperature could be a safety issue. Having two isolation valves with a drain between the two is the best solution (double block & bleed). The valve and actuator have been purchased and will require installation during the 75,000 hour outage in 2017.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Installing a second valve and drain on the main steam line between the HRSG and the steam turbine will provide double block and bleed protection while working on the steam turbine. This is the optimum protection from high pressure and high temperature steam.</p>

DEPARTMENT/DIVISION:	Electric Utility/Generation
PROJECT TITLES:	MSS Installation
PROJECT LOCATION:	Bluffview Power Plant
PRIORITY CLASS:	M1
PROJECT MANAGER:	
PROJECT TYPE:	Generation
Work Order Number:	WF0816844

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Overhead	-	-	-	-	-	-	-
Materials	-	-	200,000	-	-	-	200,000
Total Project Cost	-	-	200,000	-	-	-	200,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 200,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 2015

<p>DESCRIPTION Purchase a spare motor for the three cooling tower circulating pumps.</p>	<p>DEPARTMENT/DIVISION: Electric Utility/Generation</p> <p>PROJECT TITLES: Spare Motor for Circulating Pump</p> <p>PROJECT LOCATION: Bluffview Power Plant</p> <p>PRIORITY CLASS: M2</p> <p>PROJECT MANAGER:</p> <p>PROJECT TYPE: Generation</p> <p>Work Order Number: WF0866391</p>
<p>PURPOSE AND JUSTIFICATION: The only spare for the two operating circulating water pumps is an installed spare pump and motor. In case of a catastrophic motor failure, the plant would be operating without a spare circulating water pump. Due to long delivery times for a spare motor, this puts the plant at risk if there were another motor or pump failure. Then the BV plant would be shut down or possibly operate at reduced loads until a new motor is delivered and installed.</p>	

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	45,000	-	-	-	-	-	45,000
Total Project Cost	45,000	-	-	-	-	-	45,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 45,000	\$ -	45,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 2015

<p>DESCRIPTION Purchase a spare HMI computer for the GE combustion gas turbine.</p>	<p>DEPARTMENT/DIVISION: Electric Utility/Generation</p> <p>PROJECT TITLES: Spare HMI Computer</p> <p>PROJECT LOCATION: Bluffview Power Plant</p> <p>PRIORITY CLASS: M2</p> <p>PROJECT MANAGER:</p> <p>PROJECT TYPE: Generation</p> <p>Work Order Number: WF0866392</p>
<p>PURPOSE AND JUSTIFICATION: The current GE Controls HMI computer recently experienced a hard drive error. This was able to be repaired, but this event showed the vulnerability of the current HMI system. If this computer were to fail, we do not have a spare computer to operate the Bluffview plant. This capital project is to purchase a spare computer.</p>	

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	15,000	-	-	-	-	-	15,000
Total Project Cost	15,000	-	-	-	-	-	15,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 15,000	\$ -	15,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 2015

<p>DESCRIPTION</p> <p>The GE LM6000 PD combustion gas turbine at the Bluffview Power Plant has an outdated Woodward control system. This project scope is to replace the existing control system with the latest Woodward control system. This replacement includes both hardware and software for the control system.</p> <p>This project requires a minimum of seven (7) days of downtime to replace the control system.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>The current Woodward control system has outdated software and hardware. The control system is on Windows XP computer system, which Microsoft no longer supports. This XP computer recently had an error on the hard drive</p>

DEPARTMENT/DIVISION:	Electric Utility/Generation
PROJECT TITLES:	Woodward Controls
PROJECT LOCATION:	Bluffview Power Plant
PRIORITY CLASS:	M2
PROJECT MANAGER:	
PROJECT TYPE:	Generation
Work Order Number:	WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$	-	\$	-	\$	-	-
Overhead	-	-	-	-	-	-	-
Materials			600,000	-	-	-	600,000
Total Project Cost	-	-	600,000	-	-	-	600,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$	-	\$	600,000	\$	-	\$
	-	-	-	-	-	-	600,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 2015

<p>DESCRIPTION</p> <p>This project is to replace the two obsolete air compressors at the Navajo Power Plant. The obsolete units will be replaced with modern skid mounted oil-free air compressors similar to the ones at the Animas and Bluffview Power Plants. The new units will provide better reliability and lower maintenance costs.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Spare parts are difficult or impossible to purchase, requiring some parts to be reverse engineered and made. This requires extra downtime and expense for materials and labor.</p>

DEPARTMENT/DIVISION:	Electric Utility/Generation
PROJECT TITLES:	Air Compressor Replacement
PROJECT LOCATION:	Navajo Power Plant
PRIORITY CLASS:	M2
PROJECT MANAGER:	
PROJECT TYPE:	Generation
Work Order Number:	WF0816934

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$	-	\$	-	\$	-	-
Overhead	-	-	-	-	-	-	-
Materials	100,000	-	-	-	-	-	100,000
Total Project Cost	100,000	-	-	-	-	-	100,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 100,000	\$ -	100,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 2015

<p>DESCRIPTION</p> <p>This project consists of the fabrication and installation of a new turbine runner replacement (Francis wheel) for the Navajo Unit 2, similar scope as the Navajo Unit 1 Runner Replacement capital project in FY2015</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Significant cracks were found on the Navajo Unit 2 turbine runner during the March 2013 outage. Temporary repairs were made to mitigate the risk of the hub cracks causing catastrophic failure. The permanent repair is to purchase a new turbine runner in FY16 and install in FY17. The new runner will be installed at the same time as the major maintenance project to overhaul Unit #2 in FY17. Both projects for Unit #2 are similar to the projects for Unit #1 in FY15. This runner will be designed to operate at slightly lower flow conditions in order to further optimize the operable range of the Navajo Hydro Plant.</p>

DEPARTMENT/DIVISION:	Electric Utility/Generation
PROJECT TITLES:	Unit #2 Runner Replacement
PROJECT LOCATION:	Navajo Power Plant
PRIORITY CLASS:	M2
PROJECT MANAGER:	
PROJECT TYPE:	Generation
Work Order Number:	WF0866396

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	800,000	-	-	-	-	-	800,000
Total Project Cost	800,000	-	-	-	-	-	800,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 800,000	\$ -	800,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION</p> <p>Navajo Power plant surveillance system</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>This surveillance system will provide 24 hr protection at the Navajo Plant. This system is needed to improve safety and security and to monitor the 4x4 gate in the case of a plant trip. The system can be used as a deterrent, for evidence in case something happens, to help resolve questions or conflicts, satisfy regulatory requirements that may come up in the future and for loss prevention. It can be used in conjunction with various alarms to determine the urgency of response. This project can provide the FEUS peace of mind by being able to monitor the plant remotely.</p>

DEPARTMENT/DIVISION:	Electric/Generation
PROJECT TITLES:	Surveillance system
PROJECT LOCATION:	Navajo Power Plant
PRIORITY CLASS:	D3
PROJECT MANAGER:	
PROJECT TYPE:	New development/facility
Work Order Number:	WF0866394

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	80,000	-	-	-	-	-	80,000
Total Project Cost	80,000	-	-	-	-	-	80,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 80,000	\$ -	80,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 2015

<p>DESCRIPTION Purchase a Yokogawa controls computer and install in the Bluffview Power Plant control room.</p>
<p>PURPOSE AND JUSTIFICATION: The control system at the Navajo Hydro Plant is a Yokogawa system. When this system was installed in 2013, it was hooked up to the Foxboro/Invensys control system in the Bluffview control room. There is a significant loss of controls and data with this connection. To have the complete set of controls and data, a Yokogawa computer is to be purchased and installed in the Bluffview control room. While the computer will be physically located at Bluffview, it's functionality is to operate the Navajo plant remotely.</p>

DEPARTMENT/DIVISION:	Electric Utility/Generation
PROJECT TITLES:	Yokogawa Computer
PROJECT LOCATION:	Navajo Power Plant
PRIORITY CLASS:	M2
PROJECT MANAGER:	
PROJECT TYPE:	Generation
Work Order Number:	WF0866395

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	15,000	-	-	-	-	-	15,000
Total Project Cost	15,000	-	-	-	-	-	15,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 15,000	\$ -	15,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Replace the existing 69kV main and transfer bus with a ring bus, replace the 13.8kV switchgear, and replace transformers X12, X42, and X41.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: The 69kV Animas switchgear was built in the 1950's. This project is a conglomeration of other projects, thereby eliminating a piecemeal approach to station upgrades Engineering resources have been invested in a new design. Transformers have already been purchased.</p> <p>Benefit: These replacements will increase transformer capacity, station reliability, station versatility, improve safety and bring the station up to or beyond recent code requirements. A replacement of this magnitude will negate major equipment upgrades for up to 50 years.</p> <p>Alternatives: Continue updating Animas Station in a piecemeal fashion. Prepare to replace equipment on an emergency basis including the transformers, breakers, PT's and CT's, and even antiquated (chocolate colored) insulators.</p> <p>Consequences: System demand, age, and the elements are taxing the existing station. Long-life equipment are at the end of their life expectancy. Failure of these key components would be catastrophic.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Animas Substation - New
PROJECT LOCATION:	Animas Switchyard
PRIORITY CLASS:	M2
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Substation Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0XXXXXX

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	75,000	-	-	-	-	75,000
Materials	-	2,425,000	-	-	-	-	2,425,000
Total Project Cost	-	2,500,000	-	-	-	-	2,500,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 2,500,000	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Build a new 115kV ring bus at Bergin Substation. Use the existing 115kV ring bus as a 69kV ring bus to replace the existing 69kV bus-breaker arrangement.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: The Bergin Substation was built in 1980. Emergency upgrades such a breaker replacement and distribution switchgear replacements have been made. The existing electronic and HV electrical equipment are no longer supported by their respective manufacturers.</p> <p>Benefit: This new ring bus will increase station reliability, station versatility, and improve safety and bring the station up to or beyond recent code requirements. A replacement of this magnitude will negate major equipment upgrades for up to 50 years.</p> <p>Alternatives: Continue updating Bergin substation in a piecemeal fashion. Prepare to replace equipment on an emergency basis including the transformers, breakers, switchgear, PT's and CT's, RTU's, relays, and communication equipment.</p> <p>Consequences: Equipment obsolescence will eventually render the substation unreliable and unusable. Unsafe conditions may manifest. The end of year 2014 already saw an issue requiring an unplanned expenditure.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Bergin Substation - New 115kV
PROJECT LOCATION:	Bergin Substation
PRIORITY CLASS:	M2
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Substation Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0XXXXXX

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	52,500	22,500	-	-	-	-	75,000
Materials	1,697,500	727,500	-	-	-	-	2,425,000
Total Project Cost	1,750,000	750,000	-	-	-	-	2,500,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 1,750,000	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Build a new 69kV ring bus, and a 13.8kV substation along Hwy 173 just inside the Aztec city limits. This is to be a joint project between City of Aztec and City of Farmington.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: This project is part of a larger project to provide a 69kV loop feed for both the City of Aztec, and in a broader project, for the City of Farmington. This project can provide for a 13.8kV substation to enhance the reliability of FEUS distribution system.</p> <p>Benefit: The ring bus will provide enhanced versatility of the 69kV system for Aztec in the immediate term, and for FEUS in the longer term. The 13.8kV substation is optional, but will greatly enhance reliability of the FEUS distribution system</p> <p>Alternatives: The necessity of this project depends on the needs and the load of the City of Aztec. Farmington's involvement will depend on how this project could serve to benefit it. Farmington can withhold construction on this project.</p> <p>Consequences: A convenient location for a new FEUS substation will be denied if this project is not approved</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Ancient Trails - New Sub
PROJECT LOCATION:	Inside Aztec City Limits, Hwy 173
PRIORITY CLASS:	D2
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Substation Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0819920

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	7,282	101,942	-	-	109,224
Materials	-	-	242,718	3,398,058	-	-	3,640,776
Total Project Cost	-	-	250,000	3,500,000	-	-	3,750,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	250,000	3,500,000	\$ -	\$ -	3,750,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Build a new 69kV ring bus to 115kV ring bus along Hwy 173 near the 115kV transmission line crossing. This is to be a joint project between City of Aztec and City of Farmington.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: This project is part of a larger project to provide a 69kV loop feed for both the City of Aztec, and in a broader project, for the City of Farmington.</p> <p>Benefit: This double ring bus will provide a much needed loop feed of the FEUS 69kV system.</p> <p>Alternatives: A 115kV ring bus to a 69kV single point service expandable to a ring bus would be a good alternative. The expansion of the 69kV ring bus would be at Aztec's cost.</p> <p>Consequences: The 69kV loop feed will be much more difficult to obtain without this double ring bus substation.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Ancient Trails - New Sub
PROJECT LOCATION:	Along Hwy. 173
PRIORITY CLASS:	M2
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Substation Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	7,282	80,097	-	-	-	87,379
Materials	-	242,718	2,669,903	-	-	-	2,912,621
Total Project Cost	-	250,000	2,750,000	-	-	-	3,000,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 250,000	\$ 2,750,000	\$ -	\$ -	\$ -	\$ 3,000,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Build a new two-transformer substation north of the Cottonwood Subdivision to replace the existing Sullivan Substation.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: It has been known that the Sullivan Sub would serve the system better if it were a ring bus. There is simply not enough real estate to provide for such construction at the present location. Further, the transformer is overloaded in the summer months and is over 30 years old.</p> <p>Benefit: This new ring bus will increase <i>system</i> reliability, station capacity, station versatility, and improve safety and bring the station up to or beyond code requirements. Versatility will include transferring load from one transformer to the other, and from College Sub to Cottonwood etc.</p> <p>Alternatives: Replace the existing transformer with a low profile high heat capacity 30~40MVA bank (expensive, non-standard, high maint.). Replace the existing 13.8kV switchgear. Prepare to replace other equipment on an emergency basis.</p> <p>Consequences: Not replacing the substation will run a high risk of extended outages and voltage problems. The transformer will require replacement within the next five years. No ring bus greatly stunts system reliability.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Cottonwood Sub - New
PROJECT LOCATION:	Approx 30th and Sullivan
PRIORITY CLASS:	M2
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Substation Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0819956

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	75,000	75,000	-	-	-	150,000
Materials	-	2,425,000	2,425,000	-	-	-	4,850,000
Total Project Cost	-	2,500,000	2,500,000	-	-	-	5,000,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 2,500,000	\$ 2,500,000	\$ -	\$ -	\$ -	\$ 5,000,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Build a new ring bus and substation near the Praxair Tap to provide reliability in the area, and back-up both the Mesa Sub and Fruitland Sub.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: Increasing customer demand is diminishing the capacity of the distribution system in the area. That same customer demand is creating more exposure to the distribution system as line extensions are made, thereby impacting reliability.</p> <p>Benefit: This new ring bus and substation will increase both transmission and distribution system reliability. Further, distribution system capacity and verastility will be improved allowing for various feeder reconfigurations as may be required.</p> <p>Alternatives: The distribution system could be "ruggedized", calling for thicker wire to accommodate more demand, for instance. More stringent tree trimming and wild life protection could be afforded to address reliabi-lity. But, eventually, customer demand will require this new substation.</p> <p>Consequences: Not installing a new substation will limit feeder reconfiguration in the area, likely resulting in lengthy outages, poor reliability, and voltage problems.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Twin Peaks Sub - New
PROJECT LOCATION:	Near 111 Rd 6500
PRIORITY CLASS:	M2
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Substation Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0733615

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	150,000	-	-	-	150,000
Materials	-	-	4,850,000	-	-	-	4,850,000
Total Project Cost	-	-	5,000,000	-	-	-	5,000,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	5,000,000	\$ -	\$ -	\$ -	5,000,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION: Replace the existing Aztec Substation with a new station and 69kV ring bus.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: Aztec Substation was built over 50 years ago. Updates including an additional metering point, new RTU and relays have kept the substation going, but an entire replacement is needed. Engineering resources have been invested in a new design. This is a continued project.</p> <p>Benefit: Replacing the substation will increase transformer capacity, station reliability, station versatility, improve safety and bring the station up to or beyond recent code requirements. A replacement of this magnitude will negate major equipment upgrades for up to 50 years.</p> <p>Alternatives: Continue updating Aztec Sub in a peacemeal fashion. Prepare to replace equipment on an emergency basis including the transformer, regulators, recloser, and PT's and CT's.</p> <p>Consequences: Eventually system demand will outgrow the the station. Voltage and capacity problems already exists when emergency switching is required. If the sub fails, COA will endure outage and voltage issue.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Aztec Sub - New
PROJECT LOCATION:	111 Falcon Bluff Rd, Aztec, NM
PRIORITY CLASS:	M2
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Substation Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0763558

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	45,000	-	-	-	-	-	45,000
Materials	1,455,000	-	-	-	-	-	1,455,000
Total Project Cost	1,500,000	-	-	-	-	-	1,500,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 1,500,000	\$ -	1,500,000				

2015-2020 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 14, 2014

<p>DESCRIPTION Replace the 13.8kV switchgear, reclosers, feeder relays, transformer relays, SCADA, and the battery system at Bloomfield Substation with modern arc resistant switchgear</p>
<p>PURPOSE AND JUSTIFICATION: Bloomfield Substation uses protective relays that test poorly, have no manufacturer support, and no spare parts. The SCADA system is obsolete and without support as well. The circuit breakers are old hydraulic reclosers which should be replaced. Replacement of all of this cobbled together equipment with modern switchgear will increase safety and improve power quality.</p>

DEPARTMENT/DIVISION:	Electric Utility/Electric Construction
PROJECT TITLES:	Bloomfield - 13.8kV Switchgear
PROJECT LOCATION:	Bloomfield Substation
PRIORITY CLASS:	M2
PROJECT MANAGER:	S. Weiss
PROJECT TYPE:	Substation
Work Order Number:	WF

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ 4,484	\$ 81,744	\$ -	\$ 86,229
Overhead	-	-	-	5,516	100,548	-	106,063
Materials	-	-	-	15,000	273,438	-	288,438
Total Project Cost	-	-	-	25,000	455,730	-	480,730
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ -	\$ 25,000	\$ 455,730	\$ -	\$ 480,730

2015-2020 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 21, 2013

<p>DESCRIPTION To build a new 7.5/9.4MVA substation to serve new oil and gas field load in Cedar Hill area. About 4 miles of 115kV line will be required along with a breaker and line relaying. The transmission line and tap are on a separate project.</p>
<p>PURPOSE AND JUSTIFICATION: BP-Amoco and Conoco/Phillips have plans to add 4.4MW of load in the Cedar Hill area in the future converting large compressor stations to electric motors. Because of complaints from residents, FEUS will fund the substation since there are multiple users.</p>

DEPARTMENT/DIVISION:	Electric Utility/Electric Construction
PROJECT TITLES:	Cedar Hill Substation
PROJECT LOCATION:	West of Cedar Hill
PRIORITY CLASS:	D1
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Substation Turnkey
Work Order Number:	WF

PROJECT COST AND FUNDING	2016	2016	2017	2018	2019	2020	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	69,903	-	69,903
Materials	-	-	-	-	2,330,097	-	2,330,097
Total Project Cost	-	-	-	-	2,400,000	-	2,400,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ -	\$ -	\$ 2,400,000	\$ -	\$ 2,400,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

DESCRIPTION: Install a 115kV capacitor bank at or near Bergin substation.
PURPOSE AND JUSTIFICATION: Necessity: Voltage support is required on the 115kV system. Benefit: A properly sized capacitor will support the transmission voltage as required. Alternatives: Capacitors may be installed at other substations depending on the results of voltage studies. Consequences: Voltage issue may cause equipment failure, outages, and even precipitate fines from WECC.

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	115kV Capacitor Bank
PROJECT LOCATION:	Bergin
PRIORITY CLASS:	M2
PROJECT MANAGER:	M. Betonie
PROJECT TYPE:	Substation
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0XXXXXX

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	22,500	-	-	-	-	-	22,500
Materials	727,500	-	-	-	-	-	727,500
Total Project Cost	750,000	-	-	-	-	-	750,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 750,000	\$ -	750,000				

2015-2020 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 14, 2014

<p>DESCRIPTION Replace the 13.8kV switchgear including circuit breakers, feeder relays, transformer relays at Foothills Substation</p>
<p>PURPOSE AND JUSTIFICATION: Foothills 13.8kV switchgear is old and its equipment is obsolete. Much safer switchgear, such as that installed at College Substation, is available which offers numerous advances to protect personnel and limit faults. The project will include new protective relays that will provide Hot Line Tag protection on all feeders.</p>

DEPARTMENT/DIVISION:	Electric Utility/Electric Construction
PROJECT TITLES:	Foothills - 13.8kV Switchgear
PROJECT LOCATION:	Foothills Substation
PRIORITY CLASS:	M2
PROJECT MANAGER:	S. Weiss
PROJECT TYPE:	Substation
Work Order Number:	WF

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ 6,637	\$ 146,848	\$ -	\$ -	\$ 153,485
Overhead	-	-	8,163	180,627	-	-	188,791
Materials	-	-	22,200	491,213	-	-	513,413
Total Project Cost	-	-	37,000	818,689	-	-	855,689
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ 37,000	\$ 818,689	\$ -	\$ -	\$ 855,689

2015-2020 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 5, 2014

<p>DESCRIPTION</p> <p>Build a new substation immediately north of the existing Hogback Substation.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>This substation is proposed as a means to deliver 65MW of new load from PNM presently in negotiation. If this substation is not built, delivering 65MW now may be problematic. If an agreement is not reached from the negotiated 65MW, then there will be no need for this substation.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Hogback North - New Sub
PROJECT LOCATION:	North of Existing Hogback Sub
PRIORITY CLASS:	D1
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Substation Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	116,505	-	-	-	116,505
Materials	-	-	3,883,495	-	-	-	3,883,495
Total Project Cost	-	-	4,000,000	-	-	-	4,000,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ 4,000,000	\$ -	\$ -	\$ -	\$ 4,000,000

2015-2020 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 14, 2014

<p>DESCRIPTION Replace the 13.8kV switchgear including circuit breakers, feeder relays, transformer relays, SCADA, and the battery system at Lakeview Substation</p>
<p>PURPOSE AND JUSTIFICATION: Lakeview 13.8kV switchgear is old and its equipment is obsolete. Much safer switchgear, such as that installed at College Substation, is available which offers numerous advances to protect personnel and limit faults. The project will include new protective relays that will provide Hot Line Tag protection on all feeders and a replacement for the obsolete SCADA equipment.</p>

DEPARTMENT/DIVISION:	Electric Utility/Electric Construction
PROJECT TITLES:	Lakeview - 13.8kV Switchgear
PROJECT LOCATION:	Lakeview Substation
PRIORITY CLASS:	M2
PROJECT MANAGER:	S. Weiss
PROJECT TYPE:	Substation
Work Order Number:	WF

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ 6,637	\$ 153,941	\$ -	\$ -	\$ 160,578
Overhead	-	-	8,163	189,352	-	-	197,515
Materials	-	-	22,200	514,939	-	-	537,139
Total Project Cost	-	-	37,000	858,232	-	-	895,232
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ 37,000	\$ 858,232	\$ -	\$ -	\$ 895,232

2015-2020 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 14, 2014

<p>DESCRIPTION Replace the 13.8kV switchgear including circuit breakers, feeder relays, transformer relays, SCADA, and the battery system at LaPlata Substation</p>
<p>PURPOSE AND JUSTIFICATION: LaPlata 13.8kV switchgear is obsolete. Much safer switchgear, such as that installed at College Substation, is available which offers numerous advances to protect personnel and limit faults. The project will include new protective relays that will provide Hot Line Tag protection on all feeders and a replacement for the obsolete SCADA equipment.</p>

DEPARTMENT/DIVISION:	Electric Utility/Electric Construction
PROJECT TITLES:	LaPlata - 13.8kV Switchgear
PROJECT LOCATION:	LaPlata Substation
PRIORITY CLASS:	M2
PROJECT MANAGER:	S. Weiss
PROJECT TYPE:	Substation
Work Order Number:	WF

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ 4,484	\$ 83,334	\$ -	\$ 87,819
Overhead	-	-	-	5,516	102,504	-	108,019
Materials	-	-	-	15,000	278,757	-	293,757
Total Project Cost	-	-	-	25,000	464,595	-	489,595
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ -	\$ 25,000	\$ 464,595	\$ -	\$ 489,595

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Update substations with necessary equipment to accommodate PLX Meters at a rate of five (5) per year.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: The PLX meter system is the automated meter reading system adopted by FEUS. This equipment needs transformers, conduit, and other various equipment to mount and integrate it into the system at the substation level.</p> <p>Benefit: Automated meter system is required for the Outage Management System. The benefits are reduced outage time, improved reliability, enhanced system monitoring, and labor savings.</p> <p>Alternatives: If the PLX meters are to be installed, there really is no alternative. The substations must be built with the "hooks" necessary to receive the PLX's.</p> <p>Consequences: Installation of PLX meters will be delayed, thereby delaying full use of the outage management system and all the benefits thereof.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	PLX Meter Prep.
PROJECT LOCATION:	Various substations
PRIORITY CLASS:	M2
PROJECT MANAGER:	M. Betonie
PROJECT TYPE:	Substation
FEUS Labor: _____	X
Contract Labor: _____	
Work Order Number:	WF0XXXXXX

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	150,000	150,000	150,000	150,000	150,000	-	750,000
Total Project Cost	150,000	150,000	150,000	150,000	150,000	-	750,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 150,000	\$ -	750,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Replace failing digital protective relays with microprocessor based relays and replace unsupported SCADA equipment and Load Tap Changer controlled.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: Relay equipment performance continues to decline and the relays are of a known unreliable design. LTC controller is similar to several that have failed in the last year.</p> <p>Benefit: Improved system reliability.</p> <p>Alternatives: None</p> <p>Consequences: An unexpected equipment failure at this substation on the edge of the system would be very difficult to manage without a very long outage.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	San Juan Sub Relay Replacement
PROJECT LOCATION:	San Juan Substation
PRIORITY CLASS:	
PROJECT MANAGER:	S. Weiss
PROJECT TYPE:	
FEUS Labor: _____	X
Contract Labor: _____	
Work Order Number:	WF0818761

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 86,098	\$ -	\$ -	\$ -	\$ -	\$ 86,098
Overhead	-	105,902	-	-	-	-	105,902
Materials	-	288,000	-	-	-	-	288,000
Total Project Cost	-	480,000	-	-	-	-	480,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 480,000	\$ -	\$ -	\$ -	\$ -	\$ 480,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Replace protective relays and SCADA system at Westfork Switching Station.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: The protective relays are obsolete, the manufacturer no longer supports the equipment, and no spares are available for them.</p> <p>Benefit: New protective relays will permit the use of new protection methods that are safer and yet more stable than the existing equipment offered when it was new.</p> <p>Alternatives: Piece meal replacement of antiquated equipment would prevent equipment failure but would not realize all of the improvements in performance of a new system and may require significantly more manpower for installation.</p> <p>Consequences: Without replacement, the existing relays will continue to decline in performance which may result in inadvertant outages at one of the main hubs of our system or burndown of a transmission line and adjacent property.</p>

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Westfork 115kV Relay Replacement
PROJECT LOCATION:	Westfork Switching Station
PRIORITY CLASS:	M1
PROJECT MANAGER:	S. Weiss
PROJECT TYPE:	
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0863757

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	1,950	180,000	-	-	-	-	181,950
Materials	63,050	582,000	-	-	-	-	645,050
Total Project Cost	65,000	762,000	-	-	-	-	827,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 65,000	\$ 762,000	\$ -	\$ -	\$ -	\$ -	\$ 827,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION:

Replace protective relays and SCADA system for the 115kV line panels at Hare Switching Station

PURPOSE AND JUSTIFICATION:

Necessity: The protective relays are obsolete, the manufacturer no longer supports the equipment, and no spares are available for them.

Benefit: New protective relays will permit the use of new protection methods that are safer and yet more stable than the existing equipment offered when it was new.

Alternatives: Piece meal replacement of antiquated equipment would prevent equipment failure but would not realize all of the improvements in performance of a new system and may require significantly more manpower for installation.

Consequences: Without replacement, the existing relays will continue to decline in performance which may result in inadvertant outages at one of the main hubs of our system or burndown of a transmission line and adjacent property.

DEPARTMENT/DIVISION:

PROJECT TITLES: Hare - Relay replacement

PROJECT LOCATION: Hare Switching Station, Bloomfield

PRIORITY CLASS: M1

PROJECT MANAGER: S. Weiss

PROJECT TYPE:

FEUS Labor: _____ **Contract Labor:** _____ X

Work Order Number: WF

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	1,950	18,000	-	-	-	19,950
Materials	-	63,050	582,000	-	-	-	645,050
Total Project Cost	-	65,000	600,000	-	-	-	665,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 65,000	\$ 600,000	\$ -	\$ -	\$ -	665,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION: Replace SCADA hardware.
PURPOSE AND JUSTIFICATION: Necessity: The SCADA equipment is obsolete, the manufacturer no longer supports the hardware, and there are no parts available to make repairs. Benefit: Upgrading the hardware will provide for greater functionality at the generating station. Alternatives: None Consequences: If the hardware is not replaced, a failure of the existing SCADA hardware will result in a lengthy and costly outage.

DEPARTMENT/DIVISION:	Electric / Electric Construction
PROJECT TITLES:	Blanco - SCADA Hardware
PROJECT LOCATION:	Enterprise Blanco
PRIORITY CLASS:	M2
PROJECT MANAGER:	B. Chesnut
PROJECT TYPE:	Substation/Reliability
FEUS Labor: _____	X
Contract Labor: _____	
Work Order Number:	WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 6,112	\$ -	\$ -	\$ -	\$ -	6,112
Overhead	-	7,518	-	-	-	-	7,518
Materials	-	20,446	-	-	-	-	20,446
Total Project Cost	-	34,076	-	-	-	-	34,076
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 34,076	\$ -	\$ -	\$ -	\$ -	34,076

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Replace the 115kV protective relays and SCADA at Lakeview Substation</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: Lakeview, which is part of the BES, uses obsolete relays that are no longer supported by their manufacturers and spare parts are no longer available.</p> <p>Benefit: Replacement protective relays use new methods that permit safer operation while also increasing system stability.</p> <p>Alternatives: None</p> <p>Consequences: Relay failure at Lakeview may disrupt power flow throughout our system and will require a full report to NERC.</p>

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Lakeview-115kV Relay Replacement
PROJECT LOCATION:	Lakeview Substation
PRIORITY CLASS:	M1
PROJECT MANAGER:	S. Weiss
PROJECT TYPE:	Substation/Safety/Reliance
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 7,175	\$ 59,192	\$ -	\$ -	\$ -	\$ 66,367
Overhead	-	8,825	72,808	-	-	-	81,633
Materials	-	24,000	198,000	-	-	-	222,000
Total Project Cost	-	40,000	330,000	-	-	-	370,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 40,000	\$ 330,000	\$ -	\$ -	\$ -	\$ 370,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Replace SCADA hardware.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: The SCADA equipment is obsolete, the manufacturer no longer supports the hardware, and there are no parts available to make repairs.</p> <p>Benefit: Upgrading the hardware will provide for greater functionality at the WAPA substation.</p> <p>Alternatives: None</p> <p>Consequences: If the hardware is not replaced, a failure of the existing SCADA hardware will result in a lengthy and costly outage.</p>

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Shiprock - SCADA Hardware
PROJECT LOCATION:	Shiprock Substation
PRIORITY CLASS:	M2
PROJECT MANAGER:	B. Chesnut
PROJECT TYPE:	Safety/Reliability
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 5,964	\$ -	\$ -	\$ -	\$ -	5,964
Overhead	-	7,336	-	-	-	-	7,336
Materials	-	19,950	-	-	-	-	19,950
Total Project Cost	-	33,250	-	-	-	-	33,250
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 33,250	\$ -	\$ -	\$ -	\$ -	33,250

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Design and upgrade or replace relays and/or SCADA hardware on an as needed or ongoing process.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: The FEUS substations require upgrades to relay and SCADA equipment about every 10 to 15 years. This is due to electronic life expectancy, planned obsolescence and advances in communications technology.</p> <p>Benefit:</p> <p>Alternatives:</p> <p>Consequences: Not producing this work will lend the system protection schemes to decay, thereby causing lengthy outages and reducing overall liability.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Relay SCADA Upgrd & Replcmt
PROJECT LOCATION:	Various Substations
PRIORITY CLASS:	D2
PROJECT MANAGER:	B. Chesnut
PROJECT TYPE:	Substations
FEUS Labor: _____	X
Contract Labor: _____	
Work Order Number:	WF000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -		\$ 71,748	\$ 197,307	\$ 215,244	\$ -	\$ 484,299
Overhead	-		88,252	242,693	264,756	-	595,701
Materials	-		240,000	660,000	720,000	-	1,620,000
Total Project Cost	-	-	400,000	1,100,000	1,200,000	-	2,700,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ 400,000	\$ 1,100,000	\$ 1,200,000	\$ -	\$ 2,700,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Build a new 69kV transmission line from Westfork Switching Station to the 69kV T-line along the Blanco Highway.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: This line is needed to provide loop feed back to the Bloomfield and Bergin substations through a normally open switch.</p> <p>Benefit: This T-line will provide an alternate source of power to serve Bergin. The line will permanently serve Pump Canyon sub from West Fork.</p> <p>Alternatives: No alternatives will serve a similar purpose.</p> <p>Consequences: Bergin and Bloomfield substations will remain radially fed.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	T-Line New - Westfork to Pump
PROJECT LOCATION:	West Fork Switching Station, south
PRIORITY CLASS:	M2
PROJECT MANAGER:	M. Betonie
PROJECT TYPE:	Transmission Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0772285

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	17,476	-	-	-	-	17,476
Materials	-	582,524	-	-	-	-	582,524
Total Project Cost	-	600,000	-	-	-	-	600,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ -	600,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Relocate 69kV transmission poles and reconductor as necessary along NM State Highway 64</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: Poles must be relocated to accommodate widening of NM Hwy 64. As poles are relocated, conductor will have to be replaced as well.</p> <p>Benefit: Replaces aging infrastructure. As per NM State Law, the utility is required to relocate its infrastructure during a highway widening if the utility has garnered the benefit of using the Hwy ROW free of charge.</p> <p>Alternatives: None - provided the State requires the relocate to accommodate the widening.</p> <p>Consequences: FEUS will be faced with fines and penalties if the infrastructure is not relocated.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	Hwy 64 Widening - Relocate
PROJECT LOCATION:	Along Hwy 64 btwn Farm. & Bldg.
PRIORITY CLASS:	M1
PROJECT MANAGER:	T. Henson
PROJECT TYPE:	Transmission
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF0859056

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	-	-	-	-	-
Materials	250,000	-	-	-	-	-	250,000
Total Project Cost	250,000	-	-	-	-	-	250,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 250,000	\$ -	250,000				

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Build a new 69kV transmission line from the proposed Ancient Trails Sub to the proposed Knickerbocker Substation.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: This 69kV transmission line will serve power between Ancient Trails Sub and Knickerbocker Sub, and provide a segment of line required to loop-feed the FEUS 69kV system.</p> <p>Benefit: Will provide an alternate 69kV feed for the FEUS system thereby enhancing reliability and versatility</p> <p>Alternatives: No alternatives will serve a similar purpose.</p> <p>Consequences: The system remains radially fed if this project is not completed. The Proposed Ancient Trails Sub cannot be energized.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	T-Line New - Ancient to Knicker
PROJECT LOCATION:	Inside Aztec City Limits, Hwy 173
PRIORITY CLASS:	D2
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Transmission Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0819972

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	5,825	21,845	-	-	27,670
Materials	-	-	194,175	728,155	-	-	922,330
Total Project Cost	-	-	200,000	750,000	-	-	950,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	200,000	750,000	\$ -	\$ -	950,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Build a new 69kV transmission line from the Aztec Substation to the proposed Ancient Trails Substation.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: This 69kV transmission line will serve power between the existing Aztec Substation and the proposed Ancient Trails Sub, and provide a segment of line required to loop-feed the FEUS 69kV system.</p> <p>Benefit: Will provide an alternate 69kV feed for the FEUS system thereby enhancing reliability and versatility.</p> <p>Alternatives: No alternatives will serve a similar purpose.</p> <p>Consequences: The system remains radially fed if this project is not completed. The Proposed Ancient Trails Sub cannot be energized.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	T-Line New - Aztec to Ancient
PROJECT LOCATION:	Along Proposed Highway in Aztec
PRIORITY CLASS:	D2
PROJECT MANAGER:	R. Waters
PROJECT TYPE:	Transmission Turnkey
FEUS Labor: _____	Contract Labor: <u>X</u>
Work Order Number:	WF0820046

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	-	-	10,194	29,126	-	-	39,320
Materials	-	-	339,806	970,874	-	-	1,310,680
Total Project Cost	-	-	350,000	1,000,000	-	-	1,350,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ 350,000	\$ 1,000,000	\$ -	\$ -	\$ 1,350,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: February 9, 2015

<p>DESCRIPTION: Build a new 115kV transmission line from West Loop Switching Station to Hood Mesa. A portion of the existing line will be rebuilt.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity: Presently the 115kV system is limited in the ability to transfer power within the area. This transmission line is needed to enhance that ability.</p> <p>Benefit: The installation of this transmission line will greatly enhance reliability and versatility for the entire 115kV system.</p> <p>Alternatives: No alternatives will serve a similar purpose.</p> <p>Consequences: The system remains limited in power transfer ability.</p>

DEPARTMENT/DIVISION:	Electric
PROJECT TITLES:	T-Line New - WLSS to Hood
PROJECT LOCATION:	West Loop to Hood Mesa
PRIORITY CLASS:	M2
PROJECT MANAGER:	M. Betonie
PROJECT TYPE:	Transmission Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF0820047

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Overhead	28,500	28,500	-	-	-	-	57,000
Materials	921,500	923,500	-	-	-	-	1,845,000
Total Project Cost	950,000	952,000	-	-	-	-	1,902,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ 950,000	\$ 952,000	\$ -	\$ -	\$ -	\$ -	1,902,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Contract Labor budgetary generic place holder in CIP Projects list. To accommodate a budget line item for unforeseen fluctuations in contract labor capital improvement project schedules.</p> <hr/> <p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity:</p> <p>Benefit:</p> <p>Alternatives:</p> <p>Consequences:</p>	<p>DEPARTMENT/DIVISION: Electric/Electric Construction</p> <p>PROJECT TITLES: Contractor Projects (future)</p> <p>PROJECT LOCATION: Unknown</p> <p>PRIORITY CLASS: D2</p> <p>PROJECT MANAGER: Contractor</p> <p>PROJECT TYPE: Contract Labor</p> <p style="text-align: center;">FEUS Labor: _____ Contract Labor: _____</p> <p>Work Order Number: WF0000000</p>
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PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 179,370	\$ 179,370	\$ 179,370	\$ 179,370	\$ -	\$ 717,480
Overhead	-	220,630	220,630	220,630	220,630	-	882,520
Materials	-	600,000	600,000	600,000	600,000	-	2,400,000
Total Project Cost	-	1,000,000	1,000,000	1,000,000	1,000,000	-	4,000,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ 4,000,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Build a new 115kV transmission line from Jacquez Sub to Pine River Sub. This proposed 115kV transmission line is part of a proposed northern loop which ties back to the existing 115kV system through Pine River.</p> <hr/> <p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity:</p> <p>Benefit:</p> <p>Alternatives:</p> <p>Consequences:</p>	<p>DEPARTMENT/DIVISION: Electric/Electric Construction</p> <p>PROJECT TITLES: T-Line - Jacquez to Pine River</p> <p>PROJECT LOCATION: North part of Service Territory</p> <p>PRIORITY CLASS: D2</p> <p>PROJECT MANAGER: M. Betonie</p> <p>PROJECT TYPE: Transmission Turnkey</p> <p style="text-align: right;">FEUS Labor: _____ Contract Labor: _____ X</p> <p>Work Order Number: WF0000000</p>
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PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -		\$ -	\$ -	\$ -	\$ -	-
Overhead	-		-	-	116,505	-	116,505
Materials	-		-	-	3,883,495	-	3,883,495
Total Project Cost	-	-	-	-	4,000,000	-	4,000,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ -	\$ 4,000,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Build a new 115kV transmission line from Minix to Jacquez Sub. This proposed 115kV transmission line is part of a proposed northern loop which ties back to the existing 115kV system through Pine River.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity:</p> <p>Benefit:</p> <p>Alternatives:</p> <p>Consequences:</p>

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	T-Line - Minix to Jacquez
PROJECT LOCATION:	North part of Service Territory
PRIORITY CLASS:	D2
PROJECT MANAGER:	M. Betonie
PROJECT TYPE:	Transmission Turnkey
FEUS Labor: _____	Contract Labor: _____ X
Work Order Number:	WF000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -		\$ -	\$ -	\$ -	\$ -	-
Overhead	-		-	-	116,505	-	116,505
Materials	-		-	-	3,883,495	-	3,883,495
Total Project Cost	-	-	-	-	4,000,000	-	4,000,000
Bond Funds	-		-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ -	\$ 4,000,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Build a new 115kV transmission line from Cedar Hill to Minix Sub. This proposed 115kV transmission line is part of a proposed northern loop which ties back to the existing 115kV system through Pine River.</p> <hr/> <p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity:</p> <p>Benefit:</p> <p>Alternatives:</p> <p>Consequences:</p>	<p>DEPARTMENT/DIVISION: Electric/Electric Construction</p> <p>PROJECT TITLES: T-Line - New Cedar to Minix</p> <p>PROJECT LOCATION: North part of Service Territory</p> <p>PRIORITY CLASS: M2</p> <p>PROJECT MANAGER: M. Betonie</p> <p>PROJECT TYPE: Transmission Turnkey</p> <p style="text-align: right;">FEUS Labor: _____ Contract Labor: _____ X</p> <p>Work Order Number: WF0000000</p>
--	---

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -		\$ -	\$ -	\$ -	\$ -	-
Overhead	-		-	233,010	-	-	233,010
Materials	-		-	7,766,990	-	-	7,766,990
Total Project Cost	-	-	-	8,000,000	-	-	8,000,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ -	\$ 8,000,000	\$ -	\$ -	\$ 8,000,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION:</p> <p>Build a new 115kV transmission line from Hart Canyon to Cedar Hill. This proposed 115kV transmission line will need to be built to serve the Cedar Hill Substation.</p> <hr/> <p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity:</p> <p>Benefit:</p> <p>Alternatives:</p> <p>Consequences:</p>	<p>DEPARTMENT/DIVISION: Electric/Electric Construction</p> <p>PROJECT TITLES: T-Line - New Hart Canyon to Cedar H</p> <p>PROJECT LOCATION: DASS to Pine River</p> <p>PRIORITY CLASS: D2</p> <p>PROJECT MANAGER: M. Betonie</p> <p>PROJECT TYPE: Transmission Turnkey</p> <p style="text-align: right;">FEUS Labor: _____ Contract Labor: _____ X</p> <p>Work Order Number: WF0000000</p>
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PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -		\$ -	\$ -	\$ -	\$ -	-
Overhead	-		-	72,816	-	-	72,816
Materials	-		-	2,427,184	-	-	2,427,184
Total Project Cost	-	-	-	2,500,000	-	-	2,500,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ -	\$ 2,500,000	\$ -	\$ -	\$ 2,500,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

<p>DESCRIPTION: Rebuild existing T-line from 477 to 397ACSS to accommodate northern loop. This proposed 115kV transmission line is part of a proposed northern loop which ties back to the existing 115kV system through Pine River. This proposed 115kV transmission line is part of a proposed northern loop which ties back to the existing 115kV system through Pine River.</p>
<p>PURPOSE AND JUSTIFICATION:</p> <p>Necessity:</p> <p>Benefit:</p> <p>Alternatives:</p> <p>Consequences:</p>

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	T-Line - Rebuild DASS to Pine River
PROJECT LOCATION:	DASS to Pine River
PRIORITY CLASS:	D2
PROJECT MANAGER:	M. Betonie
PROJECT TYPE:	Transmission
FEUS Labor: _____ <input checked="" type="checkbox"/> _____	Contract Labor: _____
Work Order Number:	WF0000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -		\$ -	\$ -	\$ 717,480	\$ -	\$ 717,480
Overhead	-		-	-	882,520	-	882,520
Materials	-		-	-	2,400,000	-	2,400,000
Total Project Cost	-	-	-	-	4,000,000	-	4,000,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ -	\$ -	\$ -	\$ 4,000,000	\$ -	\$ 4,000,000

2016-2021 CAPITAL IMPROVEMENTS PROGRAM PLAN

DATE: January 31, 2015

DESCRIPTION: Transmission budgetary generic placeholder in CI Projects list.
PURPOSE AND JUSTIFICATION: Necessity: To accommodate a budget line item for unforeseen fluctuations in transmission capital improvement project schedules. Benefit: Alternatives: Consequences:

DEPARTMENT/DIVISION:	Electric/Electric Construction
PROJECT TITLES:	Transmission (future)
PROJECT LOCATION:	Unknown
PRIORITY CLASS:	D2
PROJECT MANAGER:	Contractor
PROJECT TYPE:	Transmission
FEUS Labor: _____	Contract Labor: _____
Work Order Number:	WF000000

PROJECT COST AND FUNDING	2016	2017	2018	2019	2020	2021	TOTAL
Labor	\$ -	\$ 179,370	\$ 179,370	\$ 179,370	\$ 179,370	\$ -	\$ 717,480
Overhead	-	220,630	220,630	220,630	220,630	-	882,520
Materials	-	600,000	600,000	600,000	600,000	-	2,400,000
Total Project Cost	-	1,000,000	1,000,000	1,000,000	1,000,000	-	4,000,000
Bond Funds	-	-	-	-	-	-	-
Net from Cash	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ 4,000,000

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Water Main Line Extensions

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 150,000	\$ 150,000	\$ 1,550,000

Description (Purpose & Justification):

This is to extend water distribution system into areas of the city not currently served.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	1,150,000	250,000	250,000	250,000	250,000	150,000	1,150,000
	-						-
	-						-
Total	\$ 1,150,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 150,000	\$ 1,150,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	5,160	3,096	3,096	3,096	14,448
Expense		-	92	55	55	55	257

Description (Purpose & Justification):

Cost to build 660ft of mainline is \$100,000; for every 660ft of mainline there are 4 customers at approximately \$43.00 per month in revenue. Maintenance expense associated is in current budget. Additional customer service expense based on cost allocation.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Miscellaneous System Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,800,000

Description (Purpose & Justification):

This is to cover unforeseen emergencies that may arise to piping or equipment at facilities in the distribution system.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	1,300,000	300,000	300,000	300,000	200,000	200,000	1,300,000
	-						-
	-						-
Total	\$ 1,300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 1,300,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602

Department: Public Works

Division: Water Utility

Capital Project: Water Tank Repairs

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	\$ 1,100,000

Description (Purpose & Justification):

This is to cover unforeseen emergencies that may arise to piping or equipment at facilities in the distribution system.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	500,000	100,000	100,000	100,000	100,000	100,000	500,000
	-						-
	-						-
Total	\$ 500,000	\$ 100,000	\$ 500,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Flow Meter Replacement/ Upgrade Program

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 420,000

Description (Purpose & Justification):

This is to replace or upgrade two flow meters per year at each of the 19 pump stations.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	300,000	60,000	60,000	60,000	60,000	60,000	300,000
	-						-
	-						-
Total	\$ 300,000	\$ 60,000	\$ 300,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Fire Hydrant Installation

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 350,000

Description (Purpose & Justification):

This is to install ten new fire hydrants per year in the distribution system.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	250,000	50,000	50,000	50,000	50,000	50,000	250,000
	-						-
	-						-
Total	\$ 250,000	\$ 50,000	\$ 250,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Fire Hydrant Replacement

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,050,000

Description (Purpose & Justification):

This is to upgrade thirty (30) fire hydrants per year in the distribution system; there are approximately 2,550 fire hydrants in the distribution system.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	750,000	150,000	150,000	150,000	150,000	150,000	750,000
	-						-
	-						-
Total	\$ 750,000	\$ 150,000	\$ 750,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Pump Station Pump Replacement

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 700,000

Description (Purpose & Justification):

There are 19 pump stations and 49 individual pumps in the city water distribution system. This is to cover any unforeseen emergencies that may arise.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	500,000	100,000	100,000	100,000	100,000	100,000	500,000
	-						-
	-						-
Total	\$ 500,000	\$ 100,000	\$ 500,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Rehab Air Relief Valves

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 210,000

Description (Purpose & Justification):

This is to install or upgrade approximately ten air relief valves in the distribution system each year.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	150,000	30,000	30,000	30,000	30,000	30,000	150,000
	-						-
	-						-
Total	\$ 150,000	\$ 30,000	\$ 150,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Rehab Pressure Reducing Valves

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 700,000

Description (Purpose & Justification):

This is to upgrade approximately five pressure reducing valves in the distribution system each year. There are approximately sixty (60) pressure reducing valves in the distribution system.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	500,000	100,000	100,000	100,000	100,000	100,000	500,000
	-						-
	-						-
Total	\$ 500,000	\$ 100,000	\$ 500,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Meter Replacement Program

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 300,000	\$ 1,000,000	\$ 1,900,000

Description (Purpose & Justification):

There are approximately 16,000 water meters in the distribution system. This is to replace or upgrade meters due to age, vandalism or emergency.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	800,000	100,000	100,000	100,000	200,000	300,000	800,000
	-						-
	-						-
Total	\$ 800,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 200,000	\$ 300,000	\$ 800,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional operation revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Water Valve Replacement

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 350,000

Description (Purpose & Justification):

There are approximately 4,000 water meters in the distribution system. This is to replace or upgrade meters due to age, vandalism or emergency.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	250,000	50,000	50,000	50,000	50,000	50,000	250,000
	-						-
	-						\$ -
Total	\$ 250,000	\$ 50,000	\$ 250,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Water/ Wastewater Operations Building

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 150,000	\$ 625,000	\$ 625,000	\$ -	\$ -	\$ 1,400,000

Description (Purpose & Justification):

This facility when constructed will be occupied by the city's O & M contractor. Building plans have been prepared; projected cost is \$2.0M. When constructed, the project will be jointly funded by the Water and Wastewater Funds.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	1,400,000	-	150,000	625,000	625,000	-	1,400,000
WASTE WATER FUND (603)	850,000	-	100,000	375,000	375,000		850,000
	-						-
Total	\$ 2,250,000	\$ -	\$ 250,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ 2,250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	36,000	36,000
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Revenue is estimated to be \$3,000 per month per year. No additional maintenance expense.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: New Water Storage Tank

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 2,500,000

Description (Purpose & Justification):

To meet future needs as the city grows beyond the current city limits this is for the construction of a new water storage tank to meet both domestic and fire flows demand. The estimated cost of construction of a tank and site package is approximately \$1.00 per gallon of storage capacity.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-	-	-	-	-	-	-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Miscellaneous Plant Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 350,000

Description (Purpose & Justification):

This is for unforeseen repairs necessary to maintain water treatment plants.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	250,000	50,000	50,000	50,000	50,000	50,000	250,000
	-						-
	-						-
Total	\$ 250,000	\$ 50,000	\$ 250,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Reline Farmer's Ditch

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 210,000

Description (Purpose & Justification):

A section of the Farmer's Ditch needs to be concrete-lined every year between the pump station and the screens by the spillway. – 3600lf/ 200lf/Year = 18 years

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	150,000	30,000	30,000	30,000	30,000	30,000	150,000
	-						-
	-						-
Total	\$ 150,000	\$ 30,000	\$ 150,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Various Security Improvements

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 800,000

Description (Purpose & Justification):

Implement various recommendations made during vulnerability assessment of water facilities.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	500,000	100,000	100,000	100,000	100,000	100,000	500,000
	-						-
	-						-
Total	\$ 500,000	\$ 100,000	\$ 500,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Rehab or Replace valves at WTP# 1

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 50,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 50,000	\$ 225,000

Description (Purpose & Justification):

Replace valves and actuators for each sedimentation basin or filter (1 filter basin per year). Some of the valves and actuators at Water Treatment Plant No. 1 are in excess of 20 years old. The valves no longer shut completely due to the wear of the valves. These valves will be replaced with electric valve actuators.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	125,000	25,000	25,000	25,000	25,000	25,000	125,000
	-						-
	-						-
Total	\$ 125,000	\$ 25,000	\$ 125,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Replace Slow Speed Mixers

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ 25,000	\$ 25,000	\$ 100,000

Description (Purpose & Justification):

Replace worn out slow speed mixers for better solids removal in the treatment process. Install new slow speed mixers at Water Treatment Plant No.1 (20 Mixers Total). Replace 1 basin per year.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	75,000	25,000		25,000		25,000	75,000
	-						-
	-						-
Total	\$ 75,000	\$ 25,000	\$ -	\$ 25,000	\$ -	\$ 25,000	\$ 75,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Replace Filter Building Roofs and Walls

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 300,000	\$ 750,000

Description (Purpose & Justification):

This is for new roofs and exterior walls for Filter Buildings and 2C Pump Station/Backwash Pump Building. Nearly all of these old roofs are at least 40+ years old. The roofs leak in many places and are in need of structural upgrades. - WTP#1

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	450,000	-	-	-	-	450,000	450,000
	-						-
	-						-
Total	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Install VFD at WTP#2 - Pump #2 & #3

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 300,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000

Description (Purpose & Justification):

Purchase and install VFD on Clearwell Pump No. 2 & 3 to allow more flexible flow control at Water Treatment Plant No. 2. Currently, we have three flow rates possible depending on the combination of Clearwell Pump(s) running. Current electronics are about 30 years old and in need of major repair or replacement.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	300,000	300,000					300,000
	-						-
	-						-
Total	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Animas #2 Pump Replacement - One Set Pumps

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000

Description (Purpose & Justification):

Purchase replacement pumps for Animas No. 2 Pump Station (FLYGT). The current pumps (HOMA) have proven their unreliability. This will allow us to keep the level of Farmington Lake at or near full all year long.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Animas #2 Pump Station Electrical Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000

Description (Purpose & Justification):

This is for electrical upgrades to Animas #2 Pump Station. During summer demands, reliability of the pump station's 1983 electrical equipment is prone to electrical failure. Replacement of all electrical equipment will ensure reliability of the pump station during peak water demands.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: WTP #1 Flow Metering - East & West Filter Bldg.

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

Description (Purpose & Justification):

Flow meter equipment for filters at Water Treatment Plant No. 1. Filter control system is designed to divide flow evenly through each filter to maximize the efficiency of the treatment process by not allowing a filter or two to pass the majority of the flow while others are passing a minimal amount.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-	-					-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Site Fence 1C Tank Site

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000

Description (Purpose & Justification):

Install Perimeter Fence at 1C Tank and 3C Pump Station site.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	80,000	80,000					80,000
	-						-
	-						-
Total	\$ 80,000	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: 4P Pump Station Replacement

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 950,000

Description (Purpose & Justification):

During summer demands due to location the existing pump station it is not able to keep up with the 4P zone water demands. Also, the 4P zone has grown substantially since the pump station was built. A new pump station location will need to be acquired at a lower elevation to accommodate current and future growth in the water zone.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	950,000	950,000					950,000
	-						-
	-						-
Total	\$ 950,000	\$ 950,000	\$ -	\$ -	\$ -	\$ -	\$ 950,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Pump Station 5C - Pumps and Electrical Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 300,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 550,000

Description (Purpose & Justification):

Pump and control system (PLC and MCC's) are in excess of 30 years old and have been repaired several times. Repair parts are difficult to locate since these electrical parts are not made any longer.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	250,000	250,000					250,000
	-						-
	-						-
Total	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Pump Station 3C - Pumps and Electrical Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000

Description (Purpose & Justification):

Pump upgrades and the necessary electrical upgrades. Currently there are two (2) 300-HP Vertical Turbine pumps. The 3C system has grown substantially since the pump station was built in 1980.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	400,000	400,000	-	-	-	-	400,000
	-						-
	-						-
Total	\$ 400,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Pump Station 3W - Pumps and Electrical Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -		\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000

Description (Purpose & Justification):

Pump upgrades and the necessary electrical upgrades. Currently there are three (3) 150-HP Centrifugal pumps. The 3W system has grown substantially since the pump station was built in 1980.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	400,000	-	400,000	-	-	-	400,000
	-						-
	-						-
Total	\$ 400,000	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Pump Station 4C - Pumps and Electrical Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000

Description (Purpose & Justification):

Pump upgrade and the necessary electrical upgrades. Currently there are two (2) Centrifugal pumps (1- 250HP & 1-125HP). During summer demands, the pumps are insufficient to keep up with the 4C system water demands. The 4C system has grown substantially since the pump station was built in the 1980's.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-	-					-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Pump Station 4E - Pumps and Electrical Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ 400,000

Description (Purpose & Justification):

Pump upgrade and the necessary electrical upgrades. Currently there are two (2) 125-HP Centrifugal pumps. During summer demands, one pump is insufficient to keep up with the 4E system water demands. The 4E system has grown substantially since the pump station was built in the 1980's.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	400,000	-	-	-	400,000	-	400,000
	-						-
	-						-
Total	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ 400,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Pump Station 5E - Pumps and Electrical Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ 400,000

Description (Purpose & Justification):

Pump upgrade and the necessary electrical upgrades. Currently there are two (2) 50-HP Centrifugal pumps. During summer demands, one pump is insufficient to keep up with the 5E system water demands. The 5E system has grown substantially since the pump station was built in 1979.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	400,000	-	-	-	400,000	-	400,000
	-						-
	-						-
Total	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ 400,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Pump Station 3E - Pumps and Electrical Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ 400,000

Description (Purpose & Justification):

Pump upgrades and the necessary electrical upgrades. Currently there are three (3) 300-HP Centrifugal pumps. The 3E system has grown substantially since the pump station was built in 1980.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	400,000	-	-	-	400,000	-	400,000
	-						-
	-						-
Total	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ 400,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Pump Station 6C - Pumps and Electrical Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ 600,000

Description (Purpose & Justification):

Pump upgrade and necessary electrical and generator upgrades. Currently there are two (2) 5-HP and one (1) 75-HP Centrifugal pump for fire flows. The 6C system demand and fire flow has grown substantially since the pump station was built in 2004.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	600,000	-	-	-	-	600,000	600,000
	-						-
	-						\$ -
Total	600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 600,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Pump Station 7E - Pumps and Electrical Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ -	\$ 600,000

Description (Purpose & Justification):

Pump upgrade and the necessary electrical and generator upgrades. Currently there are two (2) 8-HP and one (1) 75-HP Centrifugal pumps. The 7E system demand has grown substantially since the pump station was built in 2004.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	600,000					600,000	600,000
	-						-
	-						-
Total	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 600,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: WTP# 2 Electrical System Upgrade

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000

Description (Purpose & Justification):

Install new electrical system for WTP #2. The existing electrical system is not reliable. The original system was installed in the 1980's and parts for that system are no longer available. Some new sensors and soft starters were installed a few years ago, but the MCC's and control system need to be replaced with updated reliable equipment.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	750,000	750,000	-	-	-	-	750,000
	-						-
	-						-
Total	\$ 750,000	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ 750,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Backwash Recovery System Upgrade at WTP#1

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Description (Purpose & Justification):

Replacement of existing backwash system, this equipment is in excess of 30 years old. Increase water conservation through recovery of back wash water.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	300,000	300,000	-	-	-	-	300,000
	-						-
	-						-
Total	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Backwash Recovery System Upgrade at WTP#2

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000

Description (Purpose & Justification):

Replacement of existing backwash system, this equipment is in excess of 25 years old. Increase water conservation through recovery of back wash water.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	300,000	-	300,000	-	-	-	300,000
	-						-
	-						-
Total	\$ 300,000	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 300,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Farmers Ditch Pump Replacement

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ -	\$ 350,000	\$ 700,000

Description (Purpose & Justification):

Purchase new pumps for the Farmer's Ditch Pump Station. These pumps experience excessive wear due to the raw water supply. These pumps are critical in maintaining lake storage levels during the summer.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	350,000	-	-	-	350,000	-	350,000
	-						-
	-						-
Total	\$ 350,000	\$ -	\$ -	\$ -	\$ 350,000	\$ -	\$ 350,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Farmington Lake Outlet Piping

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 450,000	\$ 450,000	\$ -	\$ -	\$ -	\$ 900,000

Description (Purpose & Justification):

Farmington Lake was built in the late 1950's. This existing pipe outlet through the dam has to be visually inspected every two years because it is a critical asset; this pipe needs to be rehabilitated to insure future reliability.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	900,000	-	450,000	450,000	-	-	900,000
	-						-
	-						-
Total	\$ 900,000	\$ -	\$ 450,000	\$ 450,000	\$ -	\$ -	\$ 900,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Animas # 2 Ogee Weir Modifications

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000

Description (Purpose & Justification):

Design in FY15 the low head dam modifications, FY16 Construct modification to the low head dam structure to insure future reliability of the structure.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	500,000	500,000	-	-	-	-	500,000
	-						-
	-						-
Total	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Farmington Lake Pre-Sedimentation Basin - Animas #2

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ 200,000

Description (Purpose & Justification):

Construct pre-sedimentation basin at Farmington Lake by extending the outlet from Animas #2 pump station to the existing pond adjacent to the lake. Install new outlet piping from pond into the lake and build up the banks of the pond which have deteriorated over the years. The purpose is to allow heavier solids to be contained in the pre-sedimentation area before entering the lake. These solids can then be removed by dredging a small area on a regular basis. This will prevent the lake from building up large amounts of silt.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	200,000	-	-	-	-	200,000	200,000
	-						-
	-						-
Total	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: WTP#1 Rehab Concrete Sedimentation Basin Walls

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 150,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000

Description (Purpose & Justification):

Repair walls of existing sedimentation basins at Water Treatment Plant No. 1, Specifically, basin No. 1. The concrete is deteriorating on the existing sedimentation basins at Water Treatment Plant No. 1. The walls and tops of the basins have cracking and crumbling concrete.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	200,000	150,000	50,000	-	-	-	200,000
	-						-
	-						-
Total	\$ 200,000	\$ 150,000	\$ 50,000	\$ -	\$ -	\$ -	\$ 200,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: WTP#1 Sedimentation Basin Cleaning System

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000

Description (Purpose & Justification):

Replace the existing sedimentation cleaning system repair that is over 40 years old and worn out. All the sedimentation cleaning systems in the basins at Water Treatment Plant No. 1 need to be replaced.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	450,000	450,000	-	-	-	-	450,000
	-						-
	-						-
Total	\$ 450,000	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: WTP#2 Sedimentation Basin Cleaning System

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000

Description (Purpose & Justification):

Replace the existing sedimentation cleaning system repair, existing sedimentation cleaning system is over 30 years old and worn out.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	500,000	-	500,000	-	-	-	500,000
	-						-
	-						-
Total	\$ 500,000	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Filter Piping Modifications at WTP # 1

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000

Description (Purpose & Justification):

Modify filter effluent piping from each filter building. This project is in conjunction with new Clearwell construction at WTP #1. To increase detention time through the plant for compliance with contact time rule and filter to waste requirement.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Construct new Clearwell at WTP # 1

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000

Description (Purpose & Justification):

Construct new Clearwell at Water Treatment Plant No. 1. The clearwell will be a common clearwell for both the east and west filters. New wet clearwell will increase detention time through the plant for compliance with contact time rule and allow more flexibility in plant flows.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: WTP # 1 New Sedimentation Basin

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,250,000	\$ 2,250,000

Description (Purpose & Justification):

Construct new Sedimentation Basin at Water Treatment Plant No. 1 to increase detention time through the plant for contact time requirement and also to increase capacity of the plant for future growth of the city.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: WTP # 2 New Sedimentation Basin

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,250,000	\$ 2,250,000

Description (Purpose & Justification):

Construct additional Sedimentation Basin at Water Treatment Plant No. 2 and modify the existing basin to eliminate short-circuiting of water through this treatment process. Water Treatment Plant No. 2 has very little detention time for solids to settle out. Consequently, a large amount of solids travel through the Basin and into the filters causing the filters to plug.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Rebuild Filters at WTP # 2

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,200,000	\$ 2,200,000

Description (Purpose & Justification):

Replacement and upgrade of the existing traveling bridge shallow bed sand filter system. This system was installed in 1980 when the plant was constructed and has been repaired on an annual basis for the last five plus years. This system needs to be replaced with newer technology that can meet water system requirements into the future and provide higher equipment reliability along with an increased water production to meet future demands.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Farmers Ditch Bar Screen

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 150,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000

Description (Purpose & Justification):

Automatic climber screen for the upper bar screen at Farmer's Ditch Pump Station to allow the debris to be removed from the ditch, maintaining the maximum amount of water to reach the Farmer's Ditch Pump Station without having to spend time manually cleaning the screen.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	100,000	100,000					100,000
	-						-
	-						-
Total	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Miscellaneous Construction

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 1,050,000

Description (Purpose & Justification):

This is to cover any unforeseen emergencies that may arise in the distribution system.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	750,000	150,000	150,000	150,000	150,000	150,000	750,000
	-						-
	-						-
Total	\$ 750,000	\$ 150,000	\$ 750,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

No additional maintenance expense associated. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Water Rights Acquisition

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 700,000

Description (Purpose & Justification):

Purchase water rights when they become available thereby increasing the city's water rights portfolio.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	500,000	100,000	100,000	100,000	100,000	100,000	500,000
	-						-
	-						-
Total	\$ 500,000	\$ 100,000	\$ 500,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Property Improvements/Vehicles/Tools/Software

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 80,000	\$ 105,000	\$ 80,000	\$ 105,000	\$ 80,000	\$ 105,000	\$ 105,000	\$ 660,000

Description (Purpose & Justification):

Purchase rights-of-way or land for new or expansion of existing distribution facilities in the water system. Purchase one new vehicle every other year for the water division. (10 year replacement schedule).

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	475,000	105,000	80,000	105,000	80,000	105,000	475,000
	-						-
	-						-
Total	\$ 475,000	\$ 105,000	\$ 80,000	\$ 105,000	\$ 80,000	\$ 105,000	\$ 475,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Water Line Extensions 6C

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ 100,000	\$ 400,000	\$ 400,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,300,000

Description (Purpose & Justification):

This is to extend the water distribution system into areas of the 6C zone not currently served.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	1,100,000	100,000	400,000	400,000	100,000	100,000	1,100,000
	-						-
	-						-
Total	\$ 1,100,000	\$ 100,000	\$ 400,000	\$ 400,000	\$ 100,000	\$ 100,000	\$ 1,100,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	2,000	2,000	2,000	2,000	8,000
Expense		-	36	36	36	36	142

Description (Purpose & Justification):

Cost to build 660ft of mainline is \$100,000; for every 660ft of mainline there are 4 customers at approximately \$43.00 per month in revenue. Maintenance expense associated is in current budget. Additional customer service expense based on cost allocation.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Water Line Extensions 6E

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 700,000

Description (Purpose & Justification):

This is to extend the water distribution system into areas of the 6E zone not currently served.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	500,000	100,000	100,000	100,000	100,000	100,000	500,000
	-						-
	-						-
Total	\$ 500,000	\$ 100,000	\$ 500,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	2,000	2,000	2,000	2,000	8,000
Expense		-	36	36	36	36	144

Description (Purpose & Justification):

Cost to build 660ft of mainline is \$100,000; for every 660ft of mainline there are 4 customers at approximately \$43.00 per month in revenue. Maintenance expense associated is in current budget. Additional customer service expense based on cost allocation.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Renewal and Replacement

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 3,000,000	\$ 3,750,000	\$ 3,750,000	\$ 4,250,000	\$ 4,500,000	\$ 5,000,000	\$ 5,000,000	\$ 29,250,000

Description (Purpose & Justification):

The renewal and replacement program is to assist in upgrading the utilities transmission and distribution system to meet regulatory requirements and provide uninterrupted service.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	21,250,000	3,750,000	3,750,000	4,250,000	4,500,000	5,000,000	21,250,000
	-						-
	-						-
Total	\$ 21,250,000	\$ 3,750,000	\$ 3,750,000	\$ 4,250,000	\$ 4,500,000	\$ 5,000,000	\$ 21,250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Water Meters for New Water Service

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 700,000

Description (Purpose & Justification):

This item covers the capital expense for the purchase of new water meters for new residential or commercial water service connections.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	500,000	100,000	100,000	100,000	100,000	100,000	500,000
	-						-
	-						-
Total	\$ 500,000	\$ 100,000	\$ 500,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers this expense. Additional revenue yet to be determined.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602

Department: Public Works

Division: Water Utility

Capital Project: Zone 2P Waterline

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,100,000	\$ 8,100,000

Description (Purpose & Justification):

Replacement of approximately 4.2 miles of 1950's 6" and 8" cast iron pipeline at the intersection of South Side River Road and Sandstone and the intersection of US 64 & Miller Street Bridge. This improvement to the aging water infrastructure is one of many planned phased improvements to the City of Farmington's ancient waterline system. Engineering is complete for this project but archaeological and environmental studies needing to be completed.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Replacement of currently maintained infrastructure. Operating costs are included in current budget.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
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If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 602 Department: Public Works Division: Water Utility

Capital Project: Water Treatment Plant - New

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,000,000	\$ 60,000,000

Description (Purpose & Justification):

Based upon the anticipated growth of the City of Farmington, the construction of a new water treatment plant will be required to service customer demand.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
WATER FUND (602)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Additional operating revenue and expense amount not yet determined.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Lift Station Pump Replacement

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 875,000

Description (Purpose & Justification):

There are 17 lift stations and 38 pump systems in the city wastewater collection system. This is to cover any unforeseen emergencies that may arise.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	625,000	125,000	125,000	125,000	125,000	125,000	625,000
	-						-
	-						-
Total	\$ 625,000.00	\$ 125,000	\$ 625,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Main Line Extension

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 500,000	\$ 1,700,000

Description (Purpose & Justification):

This is to extend the sewer collection system into areas of the city not currently served.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	1,000,000	200,000	200,000	200,000	200,000	200,000	1,000,000
	-						-
	-						-
Total	\$ 1,000,000.00	\$ 200,000	\$ 1,000,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	3,000	3,000	3,000	7,500	16,500
Expense		-	49	49	49	122	269

Description (Purpose & Justification):

Maintenance costs associated with extension are covered under existing budget, customer service expense based on cost allocation. Estimated revenue is 4 customers for every 600ft built, takes \$100,000 to build 600ft. Average revenue per customer is \$31.25 per month.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Miscellaneous System Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 525,000

Description (Purpose & Justification):

This is to cover any unforeseen emergencies that may arise to equipment at facilities in the collection system.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	375,000	75,000	75,000	75,000	75,000	75,000	375,000
	-						-
	-						-
Total	\$ 375,000.00	\$ 75,000	\$ 375,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Lift Station Electrical Upgrades

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 500,000	\$ 1,250,000

Description (Purpose & Justification):

There are 17 lift stations and 38 electrical control systems in the city wastewater collection system. This is to cover any unforeseen electrical emergencies that may arise.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	625,000	125,000	125,000	125,000	125,000	125,000	625,000
	-						-
	-						-
Total	\$ 625,000.00	\$ 125,000	\$ 625,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Property Improvements/Land/Vehicles/Software

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 60,000	\$ 85,000	\$ 85,000	\$ 60,000	\$ 85,000	\$ 60,000	\$ 60,000	\$ 495,000

Description (Purpose & Justification):

All of the buildings constructed before 2002 need to be painted on the inside and all of the lighting needs to be upgraded. Some of the lighting came from older buildings that the city had remodeled in the 1980's. The lighting is very poor in most of the rooms due to the quality of the fixtures and type of bulbs.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	375,000	85,000	85,000	60,000	85,000	60,000	375,000
	-						-
	-						-
Total	\$ 375,000.00	\$ 85,000	\$ 85,000	\$ 60,000	\$ 85,000	\$ 60,000	\$ 375,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP Expansion Phase

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
	\$ 4,000,000	\$ 7,000,000	\$ 3,000,000.00	\$ -	\$ -	\$ 7,000,000	\$ 21,000,000

Description (Purpose & Justification):

Based upon the anticipated growth of the City of Farmington, the Wastewater Treatment Plant will require expansion to service customer demand.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	14,000,000	4,000,000	7,000,000	3,000,000	-	-	14,000,000
	-						-
	-						-
Total	\$ 14,000,000	\$ 4,000,000	\$ 7,000,000	\$ 3,000,000	\$ -	\$ -	\$ 14,000,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Resulting operating revenue and expenditure have not yet been determined.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Water/Waste Water Operations / Maintenance Building

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 100,000	\$ 375,000	\$ 375,000	\$ -	\$ -	\$ 850,000

Description (Purpose & Justification):

This facility when constructed will be occupied by the city's O & M Contractor. Building plans will need to be updated to meet current building codes; projected cost is \$2.0M. When constructed, the project will be jointly funded by the Water and Wastewater Funds.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	850,000		100,000	375,000	375,000		850,000
Water Fund (602)	1,400,000		150,000	625,000	625,000		1,400,000
	-						-
Total	\$ 2,250,000.00	\$ -	\$ 250,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ 2,250,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. Revenue will be recognized under Fund 602 for \$36,000 which is approximately \$3,000 per month beginning in FY2020.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603

Department: Public Works

Division: Wastewater Utility

Capital Project: WWTP Upgrades / Improvements

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 700,000

Description (Purpose & Justification):

This is to cover any unforeseen emergencies that may arise.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	500,000	100,000	100,000	100,000	100,000	100,000	500,000
	-						-
	-						-
Total	\$ 500,000.00	\$ 100,000	\$ 500,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Pump Replacements

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 700,000

Description (Purpose & Justification):

This is to cover any unforeseen emergencies with pumps and controls that may arise at the wastewater treatment plant.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	500,000	100,000	100,000	100,000	100,000	100,000	500,000
	-						-
	-						-
Total	\$ 500,000.00	\$ 100,000	\$ 500,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP Belt Press Rehab

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000

Description (Purpose & Justification):

This belt press has been in service since 1993. We have replaced several parts on it over the years, the last major overhaul in 2011. If this unit goes down for an extended time period we do not have enough drying bed capacity to handle all of the sludge that we have to process due to the drying time in the beds. We have to use the drying beds in the winter months because the belt press freezes up. It takes all summer for the sludge we apply to the drying beds in the winter to dry enough to haul to the landfill even using the tractor with the brown bear attachment.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-					-	-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020

Fund: 603

Department: Public Works

Division: Wastewater Utility

Capital Project: WWTP Air Scrubber Rehab

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000

Description (Purpose & Justification):

Anticipated investment in replacement of Air Scrubber parts.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Replacement of currently maintained infrastructure. Operating costs are included in current budget. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP Screen Washing Monster System

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000

Description (Purpose & Justification):

Anticipated investment in replacement of Screen Washing Monster System parts.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Replacement of currently maintained infrastructure. Operating costs are included in current budget. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP Plant Lift Station Rehab

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	100,000	\$ 100,000

Description (Purpose & Justification):

This lift station takes all of the flow from the drains throughout the WWTP. It pumps on the average of 230,000 gallons per day. The piping is deteriorating inside the wet well. The pumps also have become deteriorated due to the environment inside the lift station; we have to replace the pumps because the housings and volutes cannot be rebuilt. This is causing the lift station to back up into the drying beds on a regular basis, the pumps are not capable of keeping up with all of the flow when we run the belt press and the AC pump comes on. This is a concern due to the increasing flow this lift station gets.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-	-					-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipatd.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP MRAS Pump Station

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000

Description (Purpose & Justification):

Anticipated investment in replacement of MRAS Pump Station parts.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Replacement of currently maintained infrastructure. Operating costs are included in current budget. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP Replace Sludge Auger Equipment

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

Description (Purpose & Justification):

Anticipated investment in sludge auger replacement parts.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Replacement of currently maintained infrastructure. Operating costs are included in current budget. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603

Department: Public Works

Division: Wastewater Utility

Capital Project: WWTP Primary Sludge Pumps and Controls

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	300,000	\$ 300,000

Description (Purpose & Justification):

These pumps move the solids from the primary clarifiers to the digester. The solids material is very abrasive and causes excessive wear on the pumps. These pumps will be rebuilt several times and then will need to be replaced with new equipment sized to pump a higher volume.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP Outfall Bank Stabilization

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 60,000	\$ 400,000	\$ -	\$ -	\$ 460,000

Description (Purpose & Justification):

The natural movement of the river and the deposit of a new gravel bar in the river which has caused the river to shift its path thereby causing erosion issues along the bank by the outfall structure. We will continue to monitor this problem with the treatment plants discharge into the San Juan River for bank erosion caused by flooding events in the river.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	460,000			60,000	400,000		460,000
	-						-
	-						-
Total	\$ 460,000.00	\$ -	\$ -	\$ 60,000	\$ 400,000	\$ -	\$ 460,000.00

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: LS#2 Rehab Wet Well, Pumps and Electrical

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 1,200,000	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000

Description (Purpose & Justification):

Rebuild wet well, piping, pumps and electrical panels at #2 lift station. This is the largest lift station we have and the pumps run 24 hours per day. The controls need replaced and parts for the existing controls are very hard to get, if available. We had an electrical engineer evaluate this lift station and found it in bad need of repairs and upgrading.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	1,200,000	1,200,000					1,200,000
	-						-
	-						-
Total	\$ 1,200,000.00	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: LS#9 Rehab Wet Well, Pumps and Electrical

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	500,000	\$ 100,000	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

Description (Purpose & Justification):

Rebuild wet well, piping, pumps and electrical panels at #9 Lift Station. At this lift station the pumps run 24 hours per day. The controls need replaced as the parts for the existing controls are very hard to get, if available. We had an electrical engineer evaluate this lift station and found it in bad need of repairs and upgrading.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	1,000,000	100,000	900,000				1,000,000
	-						-
	-						-
Total	\$ 1,000,000	\$ 100,000	\$ 900,000	\$ -	\$ -	\$ -	\$ 1,000,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603

Department: Public Works

Division: Wastewater Utility

Capital Project: LS#12 Rehab Wet Well, Pumps and Electrical

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Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 50,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 550,000

Description (Purpose & Justification):

Upgrade #12 Lift Station pumps, controls and wet well. #12 Lift Station is a small package lift station. When it was installed by a contractor for the housing it was only being used by a couple homes. There are several homes tied into it now, and it is overloaded. The wet well needs to be enlarged, pumps upsized and the controls updated.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	550,000	50,000.00	500,000	-			550,000
	-						-
	-						-
Total	550,000	\$ 50,000	\$ 500,000	\$ -	\$ -	\$ -	\$ 550,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: LS#14 Rehab Wet Well, Pumps and Electrical

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ -	\$ -	\$ 400,000

Description (Purpose & Justification):

Upgrade #14 Lift Station pumps, controls and wet well. #14 Lift Station is a small package lift station. When it was installed by a contractor for the housing it was only being used by a couple homes. There are several homes tied into it now, and it is overloaded. The wet well needs to be enlarged, pumps upsized and the controls updated.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	400,000		-	50,000	350,000		400,000
	-						-
	-						-
Total	\$ 400,000	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ -	\$ 400,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: LS#18 Rehab Wet Well, Pumps and Electrical

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ -	\$ -	\$ 400,000

Description (Purpose & Justification):

Upgrade #18 Lift Station pumps, controls and wet well. #18 Lift Station is a small package lift station. When it was installed by a contractor for the housing on Sunrise, it was only being used by a couple homes. There are several homes tied into it now, and it is overloaded. The wet well needs to be enlarged, pumps upsized and the controls updated.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	400,000			50,000	350,000		400,000
	-						-
	-						-
Total	\$ 400,000	\$ -	\$ -	\$ 50,000	\$ 350,000	\$ -	\$ 400,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: LS#21 Odor Control Equipment

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ 500,000

Description (Purpose & Justification):

Odor complaints from housing area north and east of lift station.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	500,000					500,000	500,000
	-						-
	-						-
Total	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: LS#11 Odor Control Equipment

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ 500,000

Description (Purpose & Justification):

Odor complaints from housing area east of lift station.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	500,000					500,000	500,000
	-						-
	-						-
Total	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
---	-----------

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP - Varec Gas Burner Equipment

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000

Description (Purpose & Justification):

These waste gas burners have been in service since 1981 and have been rebuilt once. The equipment we have now is out dated and hard to get parts for. They need replaced because of safety issues with the old equipment not operating properly.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	400,000		400,000				400,000
	-						-
	-						-
Total	\$ 400,000	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP - Clarifiers- Sandblast and Coating

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 175,000	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ 500,000	\$ 850,000

Description (Purpose & Justification):

These units were put in service in 2002 and 2004 respectfully. When they were originally coated there was a problem with the coating adhering to the metal. Since then there is a considerable amount of corrosion occurring on the structures where the coating has worn off, this should be done to prevent further deterioration to the metal.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	350,000	-	-	350,000	-	-	350,000
	-						-
	-						-
Total	\$ 350,000	\$ -	\$ -	\$ 350,000	\$ -	\$ -	\$ 350,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP - Rehab RBC Basin

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ 150,000

Description (Purpose & Justification):

This would allow the basins to be used for vector sand drying areas, with modifications by adding a ramp. The two beds we have now can not hold all of the material that is brought in with the vector from water breaks and sewer blockages.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	150,000			150,000			150,000
	-						-
	-						-
Total	\$ 150,000	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

Is this project eligible for legislature funding and inclusion in the NM State ICIP?

No

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP - Digester Heat Exchanger

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ 400,000

Description (Purpose & Justification):

Upgrade the primary digester heat exchangers and boilers. These heat exchangers and boilers were initially installed in 1981. We have since replaced the boilers and the recirculation pumps. The problem is the volume being pumped to the digester has increased due to the plant expansion and flow to the plant. The boilers and exchangers are not the right capacity to maintain the required temperature in the digesters.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	400,000			-	400,000		400,000
	-						-
	-						-
Total	\$ 400,000	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ 400,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

Is this project eligible for legislature funding and inclusion in the NM State ICIP?

No

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Digester # 3 Cleaning, Repairs, and Coating

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	-	-	-	-	600,000	600,000	1,200,000

Description (Purpose & Justification):

Pump out and clean the inside of digester #3, including sand blasting and recoating the inside of digester. This digester has not been cleaned or recoated since 1993. The inside coating of the dome is showing deterioration and will require sand blasting and recoating. Digesters should be cleaned and inspected every 7-10 years; it has been 19 years since it was last cleaned and repaired.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	600,000				-	600,000	600,000
	-						-
	-						-
Total	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 600,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

Is this project eligible for legislature funding and inclusion in the NM State ICIP?

No

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Digester # 3 Insulation

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ 100,000

Description (Purpose & Justification):

The digesters are heated using natural gas and a hot water system using waste gas produced by the digester. With the insulation failing to hold the heat, it requires the boilers to run harder to keep the temperature up to 95 degrees causing excess wear on the boilers and slowing the bacteriological process.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	100,000				-	100,000	100,000
	-						-
	-						-
Total	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

Is this project eligible for legislature funding and inclusion in the NM State ICIP?

No

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Digester # 1 Cleaning, Repairs, and Coating

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 600,000	\$ 1,200,000

Description (Purpose & Justification):

Pump out and clean the inside of digester #1, including sand blasting and recoating the inside of digester. This digester has not been cleaned or recoated since 2000. The inside coating of the dome is showing deterioration and will require sand blasting and recoating. Digesters should be cleaned and inspected every 7-10 years. It has been 13 years since it was last cleaned and repaired.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	600,000					600,000	600,000
	-						-
	-						-
Total	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 600,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

Is this project eligible for legislature funding and inclusion in the NM State ICIP?

No

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Digester # 1 Ground Level Hatch

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ 150,000

Description (Purpose & Justification):

Build new access manway at ground level of primary digester. This digester does not have any access other than through the top which is 30' to the floor. The ground level access would be safer for cleaning of the digester and getting equipment in and out.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	150,000					150,000	150,000
	-						-
	-						-
Total	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Digester # 2 Cleaning, Repairs, and Coating

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	-	-	-	-	-	600,000	600,000

Description (Purpose & Justification):

Pump out and clean the inside of digester #2, including sand blasting and recoating the inside of digester. This digester has not been cleaned or recoated since 2002. The inside coating of the dome is showing deterioration and will require sand blasting and recoating. Digesters should be cleaned and inspected every 7-10 years. It has been 11 years since it was last cleaned and repaired.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

Is this project eligible for legislature funding and inclusion in the NM State ICIP?

No

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

City of Farmington
 Capital Improvements Plan Detail Narrative
 FY2016-FY2020

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Digester # 2 Exterior Roof Coating

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000

Description (Purpose & Justification):

Roof of digester #2, including sand blasting and recoating the outside of digester.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-					-	-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

Is this project eligible for legislature funding and inclusion in the NM State ICIP?

No

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Rebuild "A" Secondary Clarifier

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	-	-	-	-	-	700,000	700,000

Description (Purpose & Justification):

Rebuild "A" secondary clarifier. The clarifier and drive mechanism was built in 1954. The drive mechanism is worn out and is rusting through. This clarifier will be staying in service until Phase III construction is completed. It can be used as a backup unit if we have to turn the trickling filters back on due to taking a MRAS basin down for maintenance

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

Is this project eligible for legislature funding and inclusion in the NM State ICIP?

No

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Rebuild "B" Secondary Clarifier

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	-	-	-	-	-	700,000	700,000

Description (Purpose & Justification):

Rebuild "B" secondary clarifier. This clarifier has been out of service since 2004. If the "A" secondary clarifier ever has to be taken down for repairs, we do not have a secondary clarifier for the trickling filter side of the WWTP. The walls need to be raised approximately 1.5 feet to make it high enough to flow to SB #5 and new sweeps and weirs installed.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

Is this project eligible for legislature funding and inclusion in the NM State ICIP?

No

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Rebuild "B" Trickling Filter

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

	2015	2016	2017	2018	2019	2020	Future Years	Total
\$	-	-	-	-	-	-	500,000	500,000

Description (Purpose & Justification):

Replacement of "B" trickling filter turn table and arm assembly. The life expectance of the bearing is 10 years and the metal of the arms and distributors are corroding. This unit is still in service. Also this trickling filter can be kept in operation after Phase III expansion of the Wastewater Treatment Plant is completed, providing a backup treatment system if we have to take down an MRAS basin for maintenance, which could be a compliance issue.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

Is this project eligible for legislature funding and inclusion in the NM State ICIP?

No

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Storm Water Pond Upgrade

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000

Description (Purpose & Justification):

We are losing the volume capacity due to the sand and sludge accumulation over the past 9 years and the plant growth.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	100,000		-	100,000	-	-	100,000
	-						-
	-						-
Total	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ 100,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Maintenance Shop Expansion and Rehab

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Description (Purpose & Justification):

Remodel the maintenance / storage shop building. This building was constructed in 1979 and in need of replacement/upgrading: the pro-panel roofing and siding is coming loose; the garage doors and trim have been rebuilt and need replaced; and, the lighting inside is very poor and needs replaced

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	100,000	100,000	-				100,000
	-						-
	-						-
Total	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
--	------------------

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Expand Sludge Stockpile Area

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ -	\$ 500,000

Description (Purpose & Justification):

Increase the size of the sludge stock pile area west of the MRAS. Currently it only allows a stock pile of 2-4 months of sludge. It needs to be increased in size to hold 4-6 months of sludge. Purchase property to the North of the existing MRAS basin for future stockpile area.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	500,000	-	-	-	500,000	-	500,000
	-						-
	-						-
Total	\$ 500,000	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ 500,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
---	-----------

If YES, please complete Page 2-3

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Miscellaneous Construction

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 300,000

Description (Purpose & Justification):

Miscellaneous construction. Construction inside of plant facilities: miscellaneous repairs due to harsh environment of processes on exposed concrete surfaces, facility security improvements, plant alarms system, etc.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	250,000	50,000	50,000	50,000	50,000	50,000	250,000
	-						-
	-						-
Total	\$ 250,000	\$ 50,000	\$ 250,000				

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: Renewal and Replacement

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ 1,282,322	\$ 1,650,000	\$ 1,650,000	\$ 1,650,000	\$ 1,750,000	\$ 1,750,000	\$ 1,750,000	\$ 10,200,000

Description (Purpose & Justification):

The renewal and replacement program is to assist in upgrading the waste water collection facilities to meet regulatory requirements and maintain a high level of service.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	8,450,000	1,650,000	1,650,000	1,650,000	1,750,000	1,750,000	8,450,000
	-						-
	-						-
Total	\$ 8,450,000	\$ 1,650,000	\$ 1,650,000	\$ 1,650,000	\$ 1,750,000	\$ 1,750,000	\$ 8,450,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Existing budget covers expense. No additional revenue is anticipated.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 603 Department: Public Works Division: Wastewater Utility

Capital Project: WWTP Expansion Phase IV

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,000,000	\$ 7,000,000

Description (Purpose & Justification):

Based upon the anticipated growth of the City of Farmington, the Wastewater Treatment Plant will require expansion to service customer demand.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Wastewater Fund (603)	-						-
	-						-
	-						-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

Resulting operating revenue and expenditure have not yet been determined.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary

**City of Farmington
Capital Improvements Plan Detail Narrative
FY2016-FY2020**

Fund: 604

Department: Public Works

Division: Sanitation Utility

Capital Project: Community Drop-Off Center

PAGE 1

Capital Improvement Program Project Detail

Funding Requested:*

2015	2016	2017	2018	2019	2020	Future Years	Total
\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000	\$ -	\$ 1,750,000

Description (Purpose & Justification):

Construction of a residential community drop-off center within the city limits of Farmington. This will provide an alternative for our citizens to driving to Crouch Mesa landfill; whereby they can dispose of large residential solid waste on a daily basis.

Funding Sources:

Description	Total Funding	2016	2017	2018	2019	2020	Total
Charges for Services	1,750,000					1,750,000	1,750,000
	-						-
Total	\$ 1,750,000	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000	\$ 1,750,000

Operating Revenue/Expense Effect: (please describe & list estimated amounts)

Description	Total Funding	2016	2017	2018	2019	2020	Total
Revenue		-	-	-	-	-	-
Expense		-	-	-	-	-	-

Description (Purpose & Justification):

The operating and maintenance of this facility would need to be incorporated into the future refuse collections contract with independent contractor. This amount is not available at this time.

<i>Is this project eligible for legislature funding and inclusion in the NM State ICIP?</i>	<i>No</i>
<i>If YES, please complete Page 2-3</i>	

* This number should agree to the CIP Summary