



CITY OF LUBBOCK FY 2016-17 PROPOSED BUDGET



VOLUME II CAPITAL PROGRAM



Fiscal Year 2016-17
Proposed Operating Budget and Capital Program

City Council

Daniel M. Pope	Mayor
Juan Chadis	Council Member - District 1
Shelia Patterson-Harris	Council Member - District 2
Jeff Griffith	Council Member - District 3
Steve Massengale	Council Member - District 4
Karen Gibson	Council Member - District 5
Latrell Joy	Council Member - District 6

Senior Management

James W. Loomis	City Manager
Becky Garza	City Secretary
Chad Weaver	City Attorney
Cheryl Brock	Executive Director of Budget
Linda Cuellar	Executive Director of Finance - Interim
Greg Stevens	Chief of Police
Bill Howerton	Assistant City Manager
Lance Phelps	Fire Chief
Kelly Campbell	Executive Director - Airport
Wood Franklin	Director of Public Works
Scott Snider	Assistant City Manager
Quincy White	Deputy City Manager
Mark Yearwood	Assistant City Manager

This budget will raise more total property taxes than last year's budget by \$2,858,726, or 3.82%, and of that amount \$1,653,231 is tax revenue to be raised from new property added to the roll this year.



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Capital Program Overview

The Capital Improvement Program proposed funding for FY 2016-17 totals \$188,565,891 across all funds. The appropriation to date on all projects is \$590,583,113. The proposed amount will bring the total Capital Improvement Program total to \$779,149,004. Of the 116 projects receiving funding, 38 are existing projects receiving additional funding and 78 are new projects.

General Fund

General Fund capital is broken down into four categories: Administrative Services, Cultural and Recreational Services, Public Safety and Health Services, and Public Works.

Administrative Services

Administrative Services has nine active capital projects with appropriation of \$73.1 million. An additional \$440,000 is included in FY 2016-17 for the existing project, Facility Roof Replacements.

The funding sources for the FY 2016-17 appropriation is cash funding of \$440,000.

A full description of the projects is included in the Administrative Services section of the FY 2016-17 Capital Program.

Cultural and Recreational Services

Cultural and Recreational Services has eight active capital projects with appropriation of \$4.2 million. An additional \$179,400 is included in FY 2016-17 for the following existing projects:

- Golf Course Improvements, \$53,400
- Buddy Holly Center Renovations Phase II, \$126,000

The funding sources for the FY 2016-17 appropriations are:

- Cash funding of \$53,400 from General Fund and \$126,000 from the Hotel Occupancy Tax Fund

A full description of the projects is included in the Cultural and Recreational Services section of the FY 2016-17 Capital Program.

Public Safety and Health Services

Public Safety and Health Services has three active capital projects with appropriation of \$12.5 million. An additional \$210,000 is included in FY 2016-17 for the existing project, Municipal Square Repairs.

One new project is added for FY 2016-17, Major Repairs at Fire Facilities Phase II, with anticipated costs totaling \$300,000.

The funding source for the FY 2016-17 appropriation is cash funding of \$510,000.

A full description of the projects is included in the Public Safety and Health Services section of the FY 2016-17 Capital Program.

Public Works

Public Works has ten active capital projects with appropriation of \$40.1 million. An additional \$350,000 is included in FY 2016-17 for the existing project, Erskine Street – Indiana Avenue to Quaker Avenue.

Two new projects are added for FY 2016-17 with anticipated costs totaling \$10.2 million:

- 98th Street from Upland Avenue to Milwaukee Avenue, \$3.2 million
- Street Maintenance Program Phase II, \$7.0 million

The funding sources for the FY 2016-17 appropriations are:

- 10-year bond funding of \$7,000,000
- 20-year bond funding of \$3,550,000

A full description of the projects is included in the Public Works section of the FY 2016-17 Capital Program.

FY 2016-17 General Fund Projects Requested But Not Funded

There were 18 projects in General Fund requested but not funded in FY 2016-17 due to funding constraints. These projects total \$7.5 million, with \$5.6 million cash funding and \$1.9 million debt funding. A list of the projects is included after this summary.

Internal Service Funds

Internal Service Funds has three active capital projects with appropriation of \$13.8 million. An additional \$153,000 is included in FY 2016-17 for the existing project, E1 Fleet Module.

One new project is added for FY 2016-17, E1 Employee Self Service, with anticipated costs totaling \$390,520.

The funding source for the FY 2016-17 appropriation is cash funding of \$543,520.

A full description of the projects is included in the Internal Services section of the FY 2016-17 Capital Program.

Enterprise Funds

Airport

The Airport Fund has nine active capital projects with appropriations of \$66.5 million.

Four new projects are added for FY 2016-17 with anticipated costs totaling \$21.2 million:

- Remove and Reseal All Joints in Concrete, \$260,410
- Terminal Building Remodel, \$20,737,224

Capital Program Overview

- Mechanical System Improvements, \$150,000
- Terminal Apron Maintenance, \$77,270

The funding sources for the FY 2016-17 appropriations are:

- Cash funding of \$487,680
- Federal grant funding of \$3,737,224
- 20-year bond funding of \$17,000,000

A full description of the projects is included in the Airport Fund section of the FY 2016-17 Capital Program.

Cemetery

The Cemetery Fund has one active capital project, Cemetery Permanent Improvements, with an appropriation of \$71,375.

A full description of the project is included in the Cemetery section of the FY 2016-17 Capital Program.

Civic Center (Arts and Entertainment Facilities)

The Civic Center Fund has three active capital projects with appropriations of \$9.7 million. An additional \$534,696 is included in FY 2016-17 for the existing project, Civic Center Renovation.

The funding source for the FY 2016-17 appropriation is cash funding of \$534,696.

A full description of the projects is included in the Arts and Entertainment Facilities section of the FY 2016-17 Capital Program.

Lubbock Power and Light

Lubbock Power and Light has 23 active capital projects with appropriations of \$26.4 million. An additional \$28.8 million is included in FY 2016-17 for the following existing projects:

- Capacitor Controller Change Out, \$75,000
- Substation Land Acquisition, \$3.0 million
- Downtown Redevelopment Underground, \$510,000
- Fiberoptic Communications, \$155,000
- T&D Grid Information Systems, \$1.8 million
- Feeder Circuits - Northwest, \$205,000
- 69/115 kV Line Rebuild: Thompson-Vicksburg, \$980,000
- 115 kV Line Construction: Northwest-Mackenzie, \$15.25 million
- 69/115 kV Line Rebuild: Chalker-Thompson, \$1.58 million
- 69/115 kV Line Rebuild: Chalker-Oliver, \$1.48 million
- Autotransformer – Southeast, \$850,000
- Substation Battery Replacement, \$200,000
- Substation RTU Replacement, \$150,000
- MGL – Control System Update, \$2.6 million

Forty-six new projects are added for FY 2016-17 with anticipated costs totaling \$42.1 million:

- Customer Service Information Systems, \$2.0 million
- 69/115 kV Line Rebuild: Brandon-Vicksburg, \$300,000
- 69/115 kV Line Rebuild: Brandon-Erskine, \$30,000
- 69/115 kV Line Rebuild: Erskine-Mackenzie, \$2.2 million
- 115kV Bus Expansion – Mackenzie, \$1.0 million
- Substation Capacity Upgrade – McDonald, \$5.0 million
- Substation Capacity Upgrade – Slaton, \$400,000
- Future Substation – North, \$500,000
- CKE – GT2 Control System Upgrade, \$345,000
- Autotransformer – Co-op, \$400,000
- Autotransformer – Vicksburg, \$400,000
- Autotransformer – Mackenzie, \$400,000
- Substation Rebuild – Holly, \$1.5 million
- Substation Rebuild – Oliver, \$3.0 million
- Substation Rebuild – Co-op, \$300,000
- Substation Rebuild – Slaton, \$900,000
- Future Substation – New Oliver 345kV, \$1.6 million
- Future Substation –North Addition 345kV, \$1.6 million
- Future Substation –New Wadsworth 345kV, \$1.6 million
- Future Substation – Red Raider, \$500,000
- 69/115kV Line Rebuild: Holly-Southeast, \$250,000
- 69/115 kV Line Rebuild: Holly-Slaton, \$200,000
- Infrastructure Upgrade – Lubbock State School, \$600,000
- 69/115 kV Line Rebuild: Southeast-Oliver, \$1.8 million
- FY 2016-17 Sub. Breaker Repl.–Distribution, \$125,000
- CKE – GT3 Control System Upgrade, \$475,000
- CKE – GT3 Inlet Filter House, \$600,000
- FY 2016-17 Substation Relay Upgrade, \$510,000
- FY 2016-17 Sub. Breaker Repl.-Transmission, \$765,000
- FY 2016-17 15kV System Reconductor or Rebuild, \$510,000
- FY 2016-17 Service Distribution, \$510,000
- FY 2016-17 Underground Distribution, \$2.04 million
- FY 2016-17 Overhead Lines, \$ 1.78 million
- FY 2016-17 Street Lights, \$350,000
- FY 2016-17 Distribution Transformers, \$2.56 million
- Mobile Workforce Management System, \$500,000
- CKE – Gas Yard Metering Station, \$100,000
- CKE Roofing Projects, \$75,000
- CKE - GT2 Generator Overhaul, \$350,000
- MGL – Office/Warehouse, \$1.5 million
- FY 2016-17 Vehicles and Equipment, \$1.67 million
- Substation Office Renovation, \$115,000
- 69/115kV Line Rebuild: Coop-Mackenzie, \$275,000
- 69/115kV Line Reconductor: Holly-Wadsworth, \$100,000

Capital Program Overview

- 69/115kV Line Reconductor: Co-op-Wadsworth, \$100,000
- MGL Protective Relays, \$300,000

The funding sources for the FY 2016-17 appropriations are:

- Cash funding of \$15,240,000
- 10-year bond funding of \$4,950,000
- 20-year bond funding of \$14,520,000
- 30-year bond funding of \$38,240,000
- Additionally, \$2.0 million of bonds were not issued in FY 2015-16 for the following project due to project delays. The bonds for this project will be issued during FY 2016-17.
 - Substation Land Acquisition, \$2.00 million – this project was delayed until a final decision had been made on the 2019 power supply. Based on planning as a result of that decision, locations for future substations will be identified.

The Lubbock Power and Light Capital Program Summary can be found in the Lubbock Power and Light section of the FY 2016-17 Capital Program. The detail capital project sheets are not included due to NERC compliance rules that prohibit the release to the public of any information that could possibly be used to plan or carry out a terrorist attack on the electric system and this could include the details of capital projects.

Solid Waste

Solid Waste has seven active capital projects with appropriation of \$8.2 million. An additional \$157,600 is included in FY 2016-17 for the following project, Southside Office Building Expansion.

Three new projects are added for FY 2016-17 with anticipated costs totaling \$764,628:

- Landfill 69 Groundwater Remediation, \$500,000
- Gates and Fencing, \$71,628
- Fleet/Solid Waste Complex Exterior Renovations, \$193,000

The funding sources for the FY 2016-17 appropriations are:

- Cash funding of \$264,628
- 5-year bonding funding of \$500,000
- 20-year bond funding of \$157,600

A full description of the projects is included in the Solid Waste section of the FY 2016-17 Capital Program.

Storm Water

Storm Water has eight active capital projects with appropriation of \$47.5 million. An additional \$35.9 million is included in FY 2016-17 for the following existing projects:

- Digital Orthos and Storm Water Utility Maintenance, \$200,000
- Storm Water Master Plan, \$500,000
- Northwest Lubbock and Maxey Park Project, \$35.0 million
- Storm Water Repair and Replacement, \$250,000

One new project is added for FY 2016-17, Storm Water Vehicle Replacement FY 16-17, with anticipated costs totaling \$289,000.

The funding sources for the FY 2016-17 appropriations are:

- Cash funding of \$989,900
- 20-year bond funding of \$35,250,000

A full description of the projects is included in the Storm Water section of the FY 2016-17 Capital Program.

Wastewater

The Wastewater Fund has 11 active capital projects with appropriations of \$176.4 million. An additional \$2.5 million is included in FY 2016-17 for the following existing projects:

- Lift Station Rehabilitation, \$500,000
- Major Sanitary Sewer Mains Rehabilitation, \$2.0 million

Eight new projects are added for FY 2016-17 with anticipated costs totaling \$3.8 million:

- Update Wastewater Collection System Master Plan, \$500,000
- SEWRP Improvements Plant 3, \$1,000,000
- SEWRP Transformer Rehabilitation, \$500,000
- Sewer Line Replacement Phase II, \$400,000
- Sewer Tap Replacement Phase II, \$300,000
- Water Reclamation Plant Replacements Phase II, \$450,000
- Land Application Production and Monitoring Well II, \$50,000
- Wastewater Vehicle Replacement FY 16-17, \$628,000

The funding sources for the FY 2016-17 appropriations are:

- Cash funding of \$1,178,000
- 10-year bond funding of \$1,250,000
- 20-year bond funding of \$3,900,000

A full description of the projects is included in the Wastewater Section of the FY 2016-17 Capital Program.

Water

The Water Fund has 18 active capital projects with appropriation of \$87.0 million. An additional \$31.2 million is included in FY 2016-17 for the following existing projects:

Capital Program Overview

- Water System Master Plan and Model Update, \$50,000
- Bailey County Wellfield Improvements, \$14.0 million
- Comprehensive Water Line Changeouts, \$500,000
- Water Treatment Plant Improvements, \$2.0 million
- BCWF Supply Line/Pumping System, \$600,000
- South Lubbock Water Treatment Plant Expansion, \$2.0 million
- Pump Station 10, \$12.0 million

Eleven new projects are added for FY 2016-17 with anticipated costs totaling \$4.3 million:

- Evaluation of Bailey County Supply Line, \$750,000
- Lowhead C Pump Station and Supply Line, \$750,000
- Lake Alan Henry Watershed Management, \$400,000
- Strategic Water Supply Planning, \$200,000
- Asset Management, \$200,000
- Transmission Line and Easement Maintenance, \$200,000
- Elevated Storage Tanks, \$200,000
- Water Line Replacement Phase II, \$250,000
- Water Lines Ahead of Street Pavement Phase II, \$250,000
- Water Meter Replacement Phase II, \$450,000
- Water Vehicle Replacement FY 16-17, \$693,243

The funding sources for the FY 2016-17 appropriations are:

- Cash funding of \$3,693,243
- 10-year bond funding of \$2,000,000
- 20-year bond funding of \$29,800,000

A full description of the projects is included in the Water section of the FY 2016-17 Capital Program.

Special Revenue Funds

Central Business District Tax Increment Financing District (CBD TIF)

The CBD TIF Fund has four active capital projects with appropriations of \$10.3 million. An additional \$3.8 million is included in FY 2016-17 for the following existing projects:

- Underground Utilities, \$3,000,000
- Gateways, \$800,000

One new project is added for FY 2016-17, Utility Infrastructure Upgrades/Relocations, with anticipated costs totaling \$700,000.

The funding source for the FY 2016-17 appropriation is 20-year bond funding of \$4,500,000.

A full description of the projects is included in the CBD TIF section of the FY 2016-17 Capital Program.

Gateway Streets

The Gateway Streets Fund has three active capital projects with appropriations of \$12.5 million.

A full description of the projects is included in the Gateway section of the FY 2016-17 Capital Program.

North Overton Tax Increment Financing District (North Overton TIF)

The North Overton TIF Fund has one active capital project, with an appropriation of \$2.2 million. An additional \$150,000 is included in FY 2016-17 for the following project, North Overton TIF Public Improvements.

The funding source for the FY 2016-17 appropriations is cash funding of \$150,000.

A full description of the project is included in the North Overton TIF section of the FY 2016-17 Capital Program

General Fund Capital

Appropriation Summary

Project Name	Appropriation to Date	Requested FY 2016-17	Unappropriated Planning Years					Total Appropriation
			FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Administrative Services								
8536 Facility Demolition	\$ 1,362,748	-	150,000	150,000	150,000	150,000	150,000	\$ 2,112,748
8600 Water Damaged Facilities	2,064,072	-	50,000	-	50,000	-	50,000	2,214,072
91190 City Hall Improvements	1,128,500	-	-	-	-	-	-	1,128,500
92238 Facility Maintenance Fund	1,166,000	-	333,000	147,000	110,000	50,000	55,000	1,861,000
92323 Facility Renovations/Upgrades	2,870,370	-	1,685,000	1,540,000	1,000,000	1,000,000	45,000	8,140,370
92324 Document Management System	231,574	-	-	-	-	-	-	231,574
92358 City Hall Elevator Installation	667,000	-	-	-	-	-	-	667,000
92359 Facility Roof Replacements	647,000	440,000	375,000	225,000	900,000	100,000	100,000	2,787,000
92369 Municipal Facilities Replacements/Renovations	63,000,000	-	-	-	-	-	-	63,000,000
2016100 Comprehensive Plan	-	-	250,000	250,000	-	-	-	500,000
Subtotal	73,137,264	440,000	2,843,000	2,312,000	2,210,000	1,300,000	400,000	82,642,264
Cultural and Recreational Services								
8550 Golf Course Improvements	571,290	53,400	53,400	53,400	53,400	53,400	53,400	891,690
92144 Buddy Holly Center	1,139,809	-	-	-	-	-	-	1,139,809
92328 Aztlan Mural Shelter	135,000	-	-	-	-	-	-	135,000
92362 Buddy Holly Center Renovations Phase II	438,380	126,000	-	-	-	-	-	564,380
92363 Patterson Branch Library Renovations	700,000	-	-	-	-	-	-	700,000
92364 Lewis Ball Field Complex Facility Improvements	82,446	-	1,232,764	785,200	-	-	-	2,100,410
92365 Lakewood Development	566,192	-	-	-	-	-	-	566,192
92425 Park Maintenance Facility	600,000	-	-	-	-	-	-	600,000
2008084 Dunbar Historical Lake Improvements	-	-	-	-	1,180,638	1,517,963	-	2,698,601
2008230 Burgess Rushing Tennis Center (East Annex)	-	-	19,035	190,354	-	-	-	209,389
2008231 Burgess Rushing Tennis Center Phase II	-	-	-	2,018,390	-	-	-	2,018,390
2008233 Park Renovations	-	-	-	944,884	-	-	-	944,884
2008240 Mackenzie Park Community Pavilion	-	-	-	-	-	1,606,660	-	1,606,660
2009388 McAlister Park Community Pavilion	-	-	-	-	3,806,660	-	-	3,806,660
2011056 Mackenzie Irrigation (I-27 entry)	-	-	-	-	-	310,200	-	310,200
2011060 Youth Sports Complex Construction Phase II	-	-	-	-	-	8,080,000	-	8,080,000
2013040 Leftwich Park Development	-	-	1,224,336	-	-	-	-	1,224,336
2013041 Higginbotham Park Redevelopment	-	-	77,036	1,012,723	-	-	-	1,089,759
2014054 Huffman Softball Complex Facility Improvements	-	-	2,465,528	1,735,292	-	-	-	4,200,820
2014068 University and Indiana Avenue Medians Xeriscape	-	-	761,492	300,000	-	-	-	1,061,492
2014072 Groves Branch Library Renovations	-	-	740,000	-	-	-	-	740,000
2014079 Mackenzie (South) Irrigation Improvements	-	-	-	-	527,688	-	-	527,688
2014088 Clapp Pool Maintenance and Improvements	-	-	-	2,264,708	1,735,292	-	-	4,000,000
2016002 Swimming Pool Improvements	-	-	1,024,405	-	-	-	-	1,024,405
2016003 McAlister Nature Trail Phase I	-	-	443,000	-	-	-	-	443,000
201600 Davis Model Airport Runway Repairs	-	-	-	168,336	-	-	-	168,336
2016012 McAlister Nature Trail Phase II	-	-	-	465,000	-	-	-	465,000
2016085 Garden and Arts Center Exterior Renovations	-	-	177,000	-	-	-	-	177,000
2016101 Stumpy Hamilton Park Redevelopment Phase II	-	-	3,820,758	-	-	-	-	3,820,758
2016102 Ball Field Playgorunds	-	-	-	-	747,488	-	-	747,488
2016173 Park Pavillions Phase II	-	-	503,498	538,472	576,455	614,438	654,842	2,887,705
2016174 Park Playground Replacement Phase II	-	-	950,000	1,100,000	1,200,000	1,308,000	1,425,720	5,983,720
Subtotal	4,233,117	179,400	13,492,252	11,576,759	9,827,621	13,490,661	2,133,962	54,933,772

General Fund Capital

Appropriation Summary

Project Name	Appropriation to Date	Requested FY 2016-17	Unappropriated Planning Years					Total Appropriation	
			FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22		
Public Safety and Health Services									
92348	New Fire Station No. 1	\$ 5,095,000	-	-	-	-	-	-	5,095,000
92366	Emergency Operations Center	6,728,800	-	-	-	-	-	-	6,728,800
92367	Municipal Square Repairs	688,000	210,000	125,000	75,000	50,000	50,000	-	1,198,000
2016172	Major Repairs at Fire Facilities Phase II	-	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Subtotal		12,511,800	510,000	425,000	375,000	350,000	350,000	300,000	14,821,800
Public Works									
8563	Sign Upgrades and Replacement	498,634	-	-	-	-	-	-	498,634
8604	Thoroughfare Plan Restudy	125,000	-	125,000	-	-	-	-	250,000
8605	Bicycle Plan Restudy	75,000	-	-	-	-	-	-	75,000
90095	North University Enhancement Project	1,914,229	-	-	-	-	-	-	1,914,229
92216	Traffic Signal Upgrades	4,750,000	-	-	-	-	-	-	4,750,000
92217	34th Street Reconstruct- Quaker Avenue to Avenue Q	22,557,200	-	-	-	-	-	-	22,557,200
92322	Erskine Street - Indiana Avenue to Quaker Avenue	8,670,000	350,000	-	-	-	-	-	9,020,000
92349	Communication System Expansion	1,050,000	-	350,000	350,000	350,000	350,000	350,000	2,800,000
92370	Transportation Improvements	500,000	-	250,000	250,000	250,000	250,000	250,000	1,750,000
92420	34th Street - Quaker Avenue to Slide Road	-	-	8,800,000	-	-	-	-	8,800,000
2014091	East 66th Street - MLK to East Loop 289	-	-	-	4,700,000	-	-	-	4,700,000
2014093	34th Street - Avenue Q to Interstate 27	-	-	-	8,700,000	-	-	-	8,700,000
2014094	Upland Avenue - US 62/82 to 82nd Street	-	-	-	900,000	9,800,000	-	-	10,700,000
2014095	Milwaukee Avenue - Erskine Street to 4th Street	-	-	-	-	-	-	9,300,000	9,300,000
2016059	Backup Power at Signalized Intersections	-	-	100,000	100,000	100,000	100,000	100,000	500,000
2016079	98th Street from Upland Avenue to Milwaukee Avenue	-	3,200,000	-	-	-	-	-	3,200,000
2016086	Right-of-Way Aquisition Ahead of Paving	-	-	125,000	125,000	125,000	125,000	125,000	625,000
2016087	Upland Avenue from 82nd Street to 98th Street	-	-	-	-	-	7,050,000	-	7,050,000
2016163	Outer Route Right-of-Way and Utility Adjustments	-	-	9,000,000	-	-	-	-	9,000,000
2016170	Traffic Signal/Controllers Phase II	-	-	300,000	300,000	300,000	300,000	300,000	1,500,000
2016171	Street Maintenance Program Phase II	-	7,000,000	10,200,000	10,400,000	10,500,000	10,700,000	10,800,000	59,600,000
Subtotal		40,140,063	10,550,000	29,250,000	25,825,000	21,425,000	18,875,000	21,225,000	167,290,063
Total General Fund Capital		\$ 130,022,244	11,679,400	46,010,252	40,088,759	33,812,621	34,015,661	24,058,962	319,687,899

General Fund Capital

Funding Summary

Funding Source	Funding to Date	Requested FY 2016-17	Unappropriated Planning Years					Total Funding
			FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
2001 General Obligation Bonds	\$ 483,504	-	-	-	-	-	-	\$ 483,504
2003 General Obligation Bonds	16,496	-	-	-	-	-	-	16,496
2005 General Obligation Bonds	11,606	-	-	-	-	-	-	11,606
Federal Grant Funding	6,514,061	-	-	-	-	-	-	6,514,061
FY 2006 Tax Supported Revenue CO's	275,507	-	-	-	-	-	-	275,507
FY 2007 General Obligation Bonds	5,651	-	-	-	-	-	-	5,651
FY 2007 Tax Supported Revenue CO's	330,523	-	-	-	-	-	-	330,523
FY 2008 Tax Supported Revenue CO's	22,437	-	-	-	-	-	-	22,437
FY 2009 General Fund Pay-As-You-Go	185,951	-	-	-	-	-	-	185,951
FY 2009 General Obligation Bonds	750,000	-	-	-	-	-	-	750,000
FY 2009 Tax Supported Revenue CO's	171,350	-	-	-	-	-	-	171,350
FY 2010 General Fund Pay-As-You-Go	44,824	-	-	-	-	-	-	44,824
FY 2010 General Obligation Bonds	6,457,200	-	-	-	-	-	-	6,457,200
FY 2011 General Fund Pay-As-You-Go	883,839	-	-	-	-	-	-	883,839
FY 2011 General Obligation Bonds	5,125,000	-	-	-	-	-	-	5,125,000
FY 2011 Tax Supported Revenue CO's	412,011	-	-	-	-	-	-	412,011
FY 2012 General Fund Pay-As-You-Go	72,190	-	-	-	-	-	-	72,190
FY 2012 General Obligation Bonds	10,000,000	-	-	-	-	-	-	10,000,000
FY 2012 Tax Supported Revenue CO's	300,000	-	-	-	-	-	-	300,000
FY 2013 General Fund Pay-As-You-Go	284,000	-	-	-	-	-	-	284,000
FY 2013 General Obligation Bonds	5,725,000	-	-	-	-	-	-	5,725,000
FY 2014 General Fund Pay-As-You-Go	2,881,944	-	-	-	-	-	-	2,881,944
FY 2014 Tax Supported Revenue CO's	500,000	-	-	-	-	-	-	500,000
FY 2015 General Fund Pay-As-You-Go	1,937,000	-	-	-	-	-	-	1,937,000
FY 2015 Risk Fund Pay-As-You-Go	1,000,000	-	-	-	-	-	-	1,000,000
FY 2015 Tax Supported Revenue CO's	17,989,438	-	-	-	-	-	-	17,989,438
FY 2016 General Fund Pay-As-You-Go	2,529,000	-	-	-	-	-	-	2,529,000
FY 2016 Tax Supported Revenue CO's	60,698,515	-	-	-	-	-	-	60,698,515
FY 2017 10-Year Tax Revenue CO's	-	7,000,000	-	-	-	-	-	7,000,000
FY 2017 General Fund Pay-As-You-Go	-	950,000	-	-	-	-	-	950,000
FY 2017 Tax Supported Revenue CO's	-	3,550,000	-	-	-	-	-	3,550,000
FY 2018 10-Year Tax Supported Revenue CO's	-	-	10,200,000	-	-	-	-	10,200,000
FY 2018 General Fund Pay-As-You-Go	-	-	6,542,932	-	-	-	-	6,542,932
FY 2018 Tax Supported Revenue CO's	-	-	29,163,920	-	-	-	-	29,163,920
FY 2019 10-Year Tax Supported Revenue CO's	-	-	-	10,400,000	-	-	-	10,400,000
FY 2019 General Fund Pay-As-You-Go	-	-	-	5,530,574	-	-	-	5,530,574
FY 2019 Tax Supported Revenue CO's	-	-	-	24,104,785	-	-	-	24,104,785
FY 2020 10-Year Tax Supported Revenue CO's	-	-	-	-	10,500,000	-	-	10,500,000

General Fund Capital

Funding Summary

Funding Source	Funding to Date	Requested FY 2016-17	Unappropriated Planning Years					Total Funding
			FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2020 General Fund Pay-As-You-Go	\$ -	-	-	-	3,812,688	-	-	3,812,688
FY 2020 Tax Supported Revenue CO's	-	-	-	-	19,396,533	-	-	19,396,533
FY 2021 10-Year Tax Supported Revenue CO's	-	-	-	-	-	10,700,000	-	10,700,000
FY 2021 General Fund Pay-As-You-Go	-	-	-	-	-	2,735,200	-	2,735,200
FY 2021 Tax Supported Revenue CO's	-	-	-	-	-	20,527,061	-	20,527,061
FY 2022 10-Year Tax Supported Revenue CO's	-	-	-	-	-	-	10,800,000	10,800,000
FY 2022 General Fund Pay-As-You-Go	-	-	-	-	-	-	1,425,000	1,425,000
FY 2022 Tax Supported Revenue CO's	-	-	-	-	-	-	11,730,562	11,730,562
General Capital Project Fund	1,681,306	53,400	103,400	53,400	103,400	53,400	103,400	2,151,706
State Grant Funding	477,424	-	-	-	-	-	-	477,424
Public Works Capital Project Fund	200,000	-	-	-	-	-	-	200,000
TXDOT Participation	478,278	-	-	-	-	-	-	478,278
Hotel/Motel Funds	1,578,189	126,000	-	-	-	-	-	1,704,189
Total General Fund Capital	\$ 130,022,244	11,679,400	46,010,252	40,088,759	33,812,621	34,015,661	24,058,962	\$ 319,687,899

**General Fund
FY 2016-17 Requested But Not Funded Projects**

		Requested		
Project Name	FY 2016-17	Funding Type *	Tax Rate	
Administrative Services				
8536	Facility Demolition	150,000	Cash	0.1049
92238	Facility Maintenance Fund	433,000	Cash	0.3028
92323	Facility Renovations/Upgrades	1,685,000	Cash	1.1782
2016100	Comprehensive Plan	500,000	Cash	0.3496
	Subtotal	2,768,000	-	1.9354
Cultural and Recreational Services				
92328	Aztlan Mural Shelter	247,110	Cash	0.1728
2008230	Burgess Rushing Tennis Center (East Annex)	19,035	Cash	0.0133
2013041	Higginbotham Park Redevelopment	77,036	Bonds	0.0043
2014072	Groves Branch Library Renovations	740,000	Bonds	0.0412
2016002	Swimming Pool Improvements	1,024,405	Cash	0.7163
2016003	McAlister Nature Trail Phase I	443,000	Cash	0.3097
2016085	Garden and Arts Center Exterior Renovations	177,000	Cash	0.1238
2016173	Park Pavillions Phase II	468,684	Bonds	0.0261
2016174	Park Playground Replacement Phase II	648,000	Bonds	0.0361
	Subtotal	3,844,270	-	1.4436
Public Works				
8604	Thoroughfare Plan Restudy	125,000	Cash	0.0874
92370	Transportation Improvements	250,000	Cash	0.1748
2016059	Backup Power at Signalized Intersections	100,000	Cash	0.0699
2016086	Right-of-Way Aquisition Ahead of Street Paving	125,000	Cash	0.0874
2016170	Traffic Signal/Controllers Phase II	300,000	Cash	0.2098
	Subtotal	900,000		0.6293
Total General Fund Capital		7,512,270	-	4.0083

* The tax rate shown for bond funded projects is the annual cost for each year of the debt based on current tax value



Administrative Services

Appropriation Summary

	Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
8536	Facility Demolition	1,362,748	0	150,000	150,000	150,000	150,000	150,000	2,112,748
8600	Water Damaged Facilities	2,064,072	0	50,000	0	50,000	0	50,000	2,214,072
91190	City Hall Improvements	1,128,500	0	0	0	0	0	0	1,128,500
92238	Facility Maintenance Fund	1,166,000	0	333,000	147,000	110,000	50,000	55,000	1,861,000
92323	Facility Renovations/Upgrades	2,870,370	0	1,685,000	1,540,000	1,000,000	1,000,000	45,000	8,140,370
92324	Document Management System	231,574	0	0	0	0	0	0	231,574
92358	City Hall Elevator Installation	667,000	0	0	0	0	0	0	667,000
92359	Facility Roof Replacements	647,000	440,000	375,000	225,000	900,000	100,000	100,000	2,787,000
92369	Municipal Facilities Replacements/Renovations	63,000,000	0	0	0	0	0	0	63,000,000
2016100	Comprehensive Plan	0	0	250,000	250,000	0	0	0	500,000
Total	Administrative Services	73,137,264	440,000	2,843,000	2,312,000	2,210,000	1,300,000	400,000	82,642,264

Administrative Services

Funding Summary

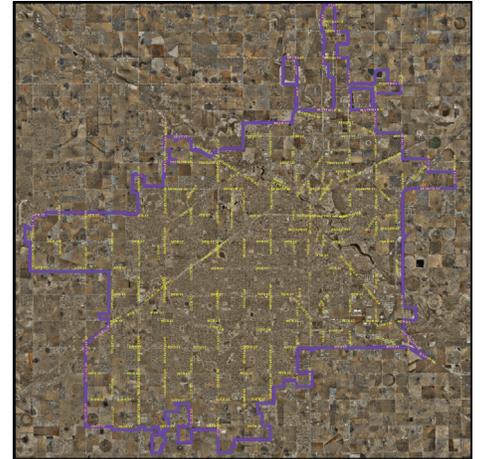
Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2006 Tax Supported CO's	226,082	0	0	0	0	0	0	226,082
FY 2007 Tax Supported Revenue CO's	275,052	0	0	0	0	0	0	275,052
FY 2008 Tax Supported Revenue CO's	22,437	0	0	0	0	0	0	22,437
FY 2009 Tax Supported Revenue CO's	170,929	0	0	0	0	0	0	170,929
FY 2011 General Fund Pay-As-You-Go	832,748	0	0	0	0	0	0	832,748
FY 2012 Tax Supported Revenue CO's	300,000	0	0	0	0	0	0	300,000
FY 2013 General Fund Pay-As-You-Go	284,000	0	0	0	0	0	0	284,000
FY 2014 General Fund Pay-As-You-Go	2,416,944	0	0	0	0	0	0	2,416,944
FY 2015 General Fund Pay-As-You-Go	787,000	0	0	0	0	0	0	787,000
FY 2015 Risk Fund Pay-As-You-Go	1,000,000	0	0	0	0	0	0	1,000,000
FY 2015 Tax Supported Revenue CO's	10,867,000	0	0	0	0	0	0	10,867,000
FY 2016 General Fund Pay-As-You-Go	1,691,000	0	0	0	0	0	0	1,691,000
FY 2016 Tax Supported Revenue CO's	52,800,000	0	0	0	0	0	0	52,800,000
FY 2017 General Fund Pay-As-You-Go	0	440,000	0	0	0	0	0	440,000
FY 2018 General Fund Pay-As-You-Go	0	0	2,793,000	0	0	0	0	2,793,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	2,312,000	0	0	0	2,312,000
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	2,160,000	0	0	2,160,000
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	1,300,000	0	1,300,000
FY 2022 General Fund Pay-As-You-Go	0	0	0	0	0	0	350,000	350,000
General Capital Project Fund	1,464,072	0	50,000	0	50,000	0	50,000	1,614,072
Total Administrative Services	73,137,264	440,000	2,843,000	2,312,000	2,210,000	1,300,000	400,000	82,642,264

Managing Department **Facilities Management**

Project Manager **Wesley Everett**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Demolition of facilities and/or structures that are in disrepair and are no longer suitable for use, including abandoned facilities, and out of service parks restrooms.

In FY 2015-16, the south onion shed at Lubbock International Airport was demolished. Funding in FY 2016-17 will be used for future demolition projects.

Project Justification

Removal of unsightly, out of service, facilities and structures.

Project History

Facilities that have been demolished include: the fountain at 9th Street and Avenue Q, Civic Center Courtyard Fountain, IT Facility (10th & Texas), Chatman Park Restroom, Ribble Park Restroom, Mackenzie Maintenance Compound, Wagner Park Restroom, Mackenzie Park Restroom, Mackenzie Pool, and the Health Department building.

\$400,000 was appropriated in FY 2008-09 Budget, Ord. No. 2008-O0077, September 11, 2008.

\$332,748 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.

\$150,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.

\$100,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$230,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

\$150,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	1,362,748	0	150,000	150,000	150,000	150,000	150,000	2,112,748
Total Project Appropriation	1,362,748	0	150,000	150,000	150,000	150,000	150,000	2,112,748

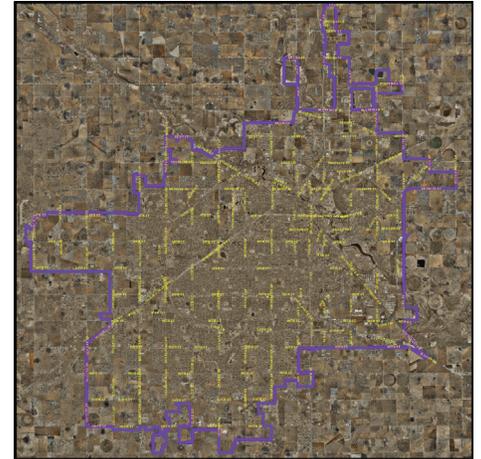
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2011 General Fund Pay-As-You-Go	332,748	0	0	0	0	0	0	332,748
FY 2013 General Fund Pay-As-You-Go	150,000	0	0	0	0	0	0	150,000
FY 2014 General Fund Pay-As-You-Go	100,000	0	0	0	0	0	0	100,000
FY 2015 General Fund Pay-As-You-Go	230,000	0	0	0	0	0	0	230,000
FY 2016 General Fund Pay-As-You-Go	150,000	0	0	0	0	0	0	150,000
FY 2018 General Fund Pay-As-You-Go	0	0	150,000	0	0	0	0	150,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	150,000	0	0	0	150,000
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	150,000	0	0	150,000
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	150,000	0	150,000
FY 2022 General Fund Pay-As-You-Go	0	0	0	0	0	0	150,000	150,000
General Capital Project Fund	400,000	0	0	0	0	0	0	400,000
Total Funding Sources	1,362,748	0	150,000	150,000	150,000	150,000	150,000	2,112,748

Managing Department **Facilities Management**

Project Manager **Wesley Everett**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

The project includes the repairs of storm and water damaged City facilities. The facilities will be evaluated and addressed on an as needed basis. The repairs include water proofing, repairing any damage done due to water infiltration, and any other necessary improvements. These repairs include all City facilities requiring attention.

In FY 2015-16, repairs started on the City Hall and LBC. Additional design work also occurred for the LPL Offices at the Municipal Hill.

In FY-2016-17 work to continue at City Hall, LBC and LPL Offices.

Project Justification

City facilities were significantly damaged due to the severe storms that moved through the City in June, 2013. Additional storms in 2014 and 2015 have also caused considerable damage to City facilities.

Project History

\$2,064,072 was appropriated in FY 2014-15 Budget Amendment No. 24, Ord. No. 2015-00054, June 11, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	2,064,072	0	50,000	0	50,000	0	50,000	2,214,072
Total Project Appropriation	2,064,072	0	50,000	0	50,000	0	50,000	2,214,072

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Risk Fund	1,000,000	0	0	0	0	0	0	1,000,000
Pay-As-You-Go								
General Capital Project Fund	1,064,072	0	50,000	0	50,000	0	50,000	1,214,072
Total Funding Sources	2,064,072	0	50,000	0	50,000	0	50,000	2,214,072

Managing Department **Facilities Management**

Project Manager **Wesley Everett**

Project Classification **Replacement Facility**

Project Status **Approved**



Project Scope

Renovation of City Hall to include basement and other restrooms, parking lot improvements, signage, hallways, ADA non-compliant areas, lowering of fire sprinkler heads, replacing the electrical distribution panels, carpeting, and other necessary renovations.

FY 2013-14 funding is for the removal of approximately 4,400 yards asphalt and 2,200 yards of concrete in the City Hall east parking lot and installing 6,600 yards, 5" concrete. New striping and related signage will also be included.

Carpeting throughout City Hall is due for replacement and will be replaced systematically. As an area is renovated, new office systems will be incorporated.

FY 2014-15 renovations include the renovation of approximately 4,500 square feet of undeveloped space in the basement, the kitchen and the storage space behind. Also includes continuing the systematic replacement of the carpet.

FY 2015-16 renovations included reworking the planters on all three floors and modernization of the existing passenger elevator.

Project Justification

To bring the facility into compliance with ADA guidelines, fire code, building codes, and to update aged portions of the facility. Reorganize departments to allow for easier access to these areas by the public and other City employees.

The east parking lot at City Hall was constructed with two different materials - asphalt and concrete. The majority of the concrete is original (late 1940's) and has large deteriorated areas throughout the lot. The common space where the two materials connect has large crevasses and is an extreme hazard to foot traffic. The concrete portions have severe spaulding of the material which also is a hazard. Immediate repairs are required to prevent personal injury to citizens and employees visiting City Hall. Delaying repairs will accelerate future and costly damage to the sub-base material.

Project History

Lowering of the fire sprinklers was completed in 2008-09. The installation of new electrical panels was completed in 2009-10. Basement restroom renovations were completed in 2009-10. Resurfacing of the 1st floor walls was completed in FY 2010-11. Partial renovations of 1st floor (areas where Community Development occupied) was completed in 2011-12.

Combined capital improvement projects 91190 and 92048 in FY 2008-09 Budget, Ord. No. 2008-00077, September 11, 2008.

91190

Original funding of \$114,500 was appropriated in FY 2005-06 Budget, Ord. No. 2005-00106, September 8, 2005.

92048

\$280,000 was appropriated in FY 2006-07 Budget, Ord. No. 2006-00098, September 13, 2006.
 \$300,000 was appropriated in FY 2007-08 Budget, Ord. No. 2007-00091, September 13, 2007.
 \$300,000 was appropriated in the FY 2011-12 Budget, Ord. No. 2011-00080, September 8, 2011.
 \$300,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-00100, September 13, 2012.
 \$700,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-00087, September 10, 2013.
 Reduced by \$866,000 in FY 2013-14 Budget Amendment No. 31, Ord. No. 2014-00097, July 10, 2014.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	1,047,500	0	0	0	0	0	0	1,047,500
Construction Management Support	0	0	0	0	0	0	0	0
Design and Engineering	81,000	0	0	0	0	0	0	81,000
Total Project Appropriation	1,128,500	0	0	0	0	0	0	1,128,500

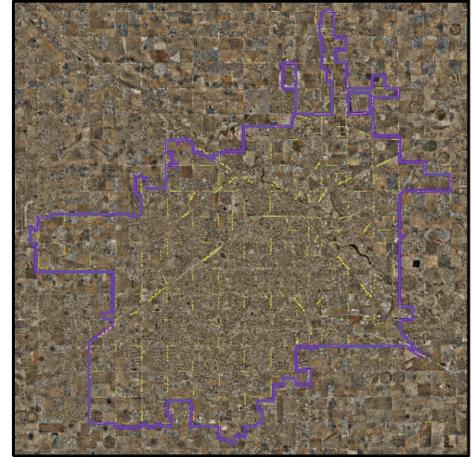
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2006 Tax Supported CO's	226,082	0	0	0	0	0	0	226,082
FY 2007 Tax Supported Revenue CO's	275,052	0	0	0	0	0	0	275,052
FY 2008 Tax Supported Revenue CO's	22,437	0	0	0	0	0	0	22,437
FY 2009 Tax Supported Revenue CO's	170,929	0	0	0	0	0	0	170,929
FY 2012 Tax Supported Revenue CO's	300,000	0	0	0	0	0	0	300,000
FY 2013 General Fund Pay-As-You-Go	134,000	0	0	0	0	0	0	134,000
Total Funding Sources	1,128,500	0	0	0	0	0	0	1,128,500

Managing Department **Facilities Management**

Project Manager **Wesley Everett**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Major renovation and repair of City facilities. City facilities will be addressed/evaluated on an as needed basis. The project includes all City facilities.

FY 2013-14 funding was utilized for City Hall basement repairs, Silent Wings Museum waterproofing, Burgess Tennis Center reroof, and Mahon Library Fire Alarm system.

FY 2014-15 funding is for the renovations of Silent Wings Museum which includes the fire alarm system, new sprinkler heads, overall renovations of the museum including new paint, carpet, etc.

FY 2015-16 funding was utilized for Buddy Holly Center and Fleet Complex Roof repairs, wood floor replacement at Buddy Holly Center, floor replacement and renovation of the mechanical room at Hodges Community Center, and repairs to Eddie Dixon Studio.

FY 2017-18 funding is for renovations at Silent Wings Museum.

Project Justification

Many City facilities require repair and renovation due to age and deterioration. The project will fund improvements on a priority basis as identified in the Facilities Maintenance Plan.

Project History

\$500,000 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.

\$250,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$200,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

\$216,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	1,122,000	0	325,000	130,000	105,000	47,500	52,000	1,781,500
Construction Management Support	5,000	0	0	0	0	0	0	5,000
Design and Engineering	39,000	0	8,000	17,000	5,000	2,500	3,000	74,500
Total Project Appropriation	1,166,000	0	333,000	147,000	110,000	50,000	55,000	1,861,000

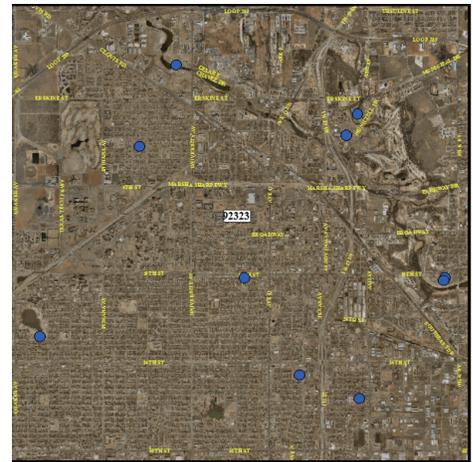
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2011 General Fund Pay-As-You-Go	500,000	0	0	0	0	0	0	500,000
FY 2014 General Fund Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2015 General Fund Pay-As-You-Go	200,000	0	0	0	0	0	0	200,000
FY 2016 General Fund Pay-As-You-Go	216,000	0	0	0	0	0	0	216,000
FY 2018 General Fund Pay-As-You-Go	0	0	333,000	0	0	0	0	333,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	147,000	0	0	0	147,000
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	110,000	0	0	110,000
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	50,000	0	50,000
FY 2022 General Fund Pay-As-You-Go	0	0	0	0	0	0	55,000	55,000
Total Funding Sources	1,166,000	0	333,000	147,000	110,000	50,000	55,000	1,861,000

Managing Department **Facilities Management**

Project Manager **George Lisenbe**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

The project includes complete interior and exterior renovation of the following facilities: Copper Rawlings, Hodges Community Center, Lubbock Senior Center, Simmons Community Center, Simmons Senior Center, Trejo Super Center, Maxey Community Center, Stubbs Party House, Fleet and Solid Waste Operations, and Municipal Hill Operations Center. The priority will be the renovation of the community and senior centers first.

FY 2013-14 funding is for the renovations of Lubbock Senior Center and Mae Simmons Senior Center.

FY 2014-15 funding is for the renovations of the Trejo Supercenter, Mae Simmons Community Center, and Maxey Community Center.

FY 2015-16 funding is for the renovations of Mae Simmons Community Center and furnishings for 19th Street Senior Center, Mae Simmons Senior and Community Centers.

In FY 2015-16, the Lubbock Senior Center and Mae Simmons Senior Center were completed. Furnishings were provided for both of the projects. The design for Maxey Community Center and Trejo Super Center were also completed. FY 17-18 Funding request is for the renovations of Maxey Community Center and the design for the Hodges Community Center Renovations.

Project Justification

The maintenance of these 10 facilities have been limited over the past many years. These facilities require immediate maintenance actions or risk permanent damage to the facility.

Project History

In general, the buildings reflect their age. The newest building is 23 years old and the oldest is 60. Most have been remodeled to some degree over the years. All of the buildings are operational and generally sound and functional.

\$1,835,370 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$185,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

\$850,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	2,384,370	0	1,575,000	1,440,000	900,000	900,000	0	7,199,370
Construction Management Support	0	0	0	0	0	0	0	0
Design and Engineering	435,000	0	85,000	75,000	75,000	75,000	45,000	790,000
Furnishings	51,000	0	25,000	25,000	25,000	25,000	0	151,000
Total Project Appropriation	2,870,370	0	1,685,000	1,540,000	1,000,000	1,000,000	45,000	8,140,370

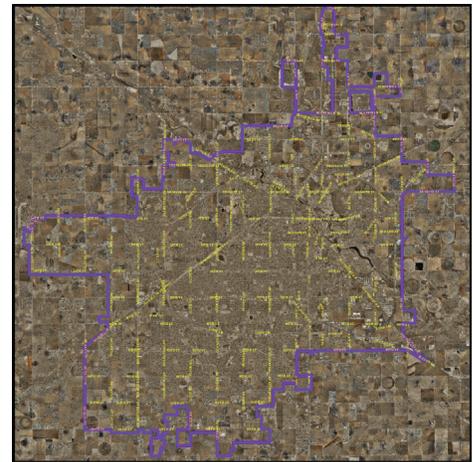
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2014 General Fund Pay-As-You-Go	1,835,370	0	0	0	0	0	0	1,835,370
FY 2015 General Fund Pay-As-You-Go	185,000	0	0	0	0	0	0	185,000
FY 2016 General Fund Pay-As-You-Go	850,000	0	0	0	0	0	0	850,000
FY 2018 General Fund Pay-As-You-Go	0	0	1,685,000	0	0	0	0	1,685,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	1,540,000	0	0	0	1,540,000
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	1,000,000	0	0	1,000,000
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	1,000,000	0	1,000,000
FY 2022 General Fund Pay-As-You-Go	0	0	0	0	0	0	45,000	45,000
Total Funding Sources	2,870,370	0	1,685,000	1,540,000	1,000,000	1,000,000	45,000	8,140,370

Managing Department **City Secretary**

Project Manager **Becky Garza**

Project Classification **Administrative**

Project Status **Approved**



Project Scope

Acquisition and installation of a citywide document management system. The project includes hardware, software, setup and installation, and the initial data migration. Once the necessary hardware and software has been acquired, through the bid process, Office of the City Secretary will begin working with the awarded bidder, Information Technology, Legal, and departments retaining records for 10+ years to begin setup and installation of the document management system. Departments will identify records necessary to be housed within the document management system, and then temporary laborers will be utilized to import records into the document management system. Upon completion of setup, installation, and initial data migration the system will be set for Citywide use and access with the necessary security measures in place.

Base System cost and installation - \$131,574

Temporary labor for scanning/data migration - \$100,000

Project Justification

Presently the City does not have a functioning document management system to conduct proper retention and research of its records. The City was previously using a system called “Search Express” that was obtained in the early 1990’s. As the City upgraded computer operating systems, Search Express was no longer compatible. It has not been fully operational since 2009, and became completely inoperable in 2011. Research and retrieval of records takes an inordinate amount of time, thus negatively impacting the efficient delivery of services to internal and external clientele.

Project History

\$231,574 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	231,574	0	0	0	0	0	0	231,574
Total Project Appropriation	231,574	0	0	0	0	0	0	231,574

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2014 General Fund Pay-As-You-Go	231,574	0	0	0	0	0	0	231,574
Total Funding Sources	231,574	0	0	0	0	0	0	231,574

Managing Department **Facilities Management**

Project Manager **George Lisenbe**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Install a new 3-stop hydraulic elevator in the existing vacant elevator shaft. This shaft is located next to the existing elevator. Project will include new renovations on 2nd floor area to accommodate 2nd floor landing. The escalators will remain in use until the Police Department renovations at City Hall takes place.

FY 2015-16 renovations included the design of the plans and specifications for the new passenger elevator. Project will begin early Summer 2016 (due to conflict of City Elections).

Project Justification

The escalators will be used until they are no longer operational. In order to ease congestion from using the existing elevator, a new elevator will be installed in an existing elevator shaft.

Project History

The escalators have exceeded their useful life. The existing elevator was rebuilt with new controls and safety features in early 2015. When the escalators are abandoned, a new elevator will be installed in an existing shaft east of the current elevator to handle passenger traffic visiting the various departments of City Hall. These elevators can still fit into the master plan when City Hall is converted to a new Police Station.

\$667,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	591,000	0	0	0	0	0	0	591,000
Construction Management Support	21,000	0	0	0	0	0	0	21,000
Design and Engineering	55,000	0	0	0	0	0	0	55,000
Total Project Appropriation	667,000	0	0	0	0	0	0	667,000

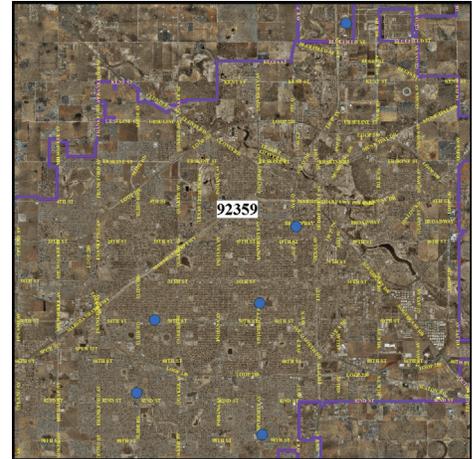
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Tax Supported Revenue CO's	667,000	0	0	0	0	0	0	667,000
Total Funding Sources	667,000	0	0	0	0	0	0	667,000

Managing Department **Facilities Management**

Project Manager **George Lisenbe**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

The following facilities will have their roofing systems replaced with new systems: Fire Station No. 9, Fire Station No. 12, Silent Wings Museum, Garden and Arts Center, City Hall, and Fire Station No. 14.

FY 2015-16, Silent Wings Museum, Fire Station No.9 and Fire Station No. 4 had roof replacements. Funding for FY 2016-17 will provide for reroofing Fire Station No. 12 and the Eddie Dixon Studio.

Project Justification

Many City facilities have roofs that are nearing the end of their expected life. A typical roofing system should last 15-20 years. The wear and tear on these roof systems have compromised the facility's ability to remain watertight from the roof areas. Staff have evaluated many City roofs and have determined the above facilities will need to have roof replacements within the next 6 years.

Project History

The roofing systems scheduled for replacement have ages ranging from 15 to 30+ years. Routine/standard maintenance of these systems are no longer efficient.

\$172,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

\$475,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	592,000	400,000	325,000	200,000	800,000	80,000	80,000	2,477,000
Construction Management Support	15,000	0	0	0	0	0	0	15,000
Design and Engineering	40,000	40,000	50,000	25,000	100,000	20,000	20,000	295,000
Total Project Appropriation	647,000	440,000	375,000	225,000	900,000	100,000	100,000	2,787,000

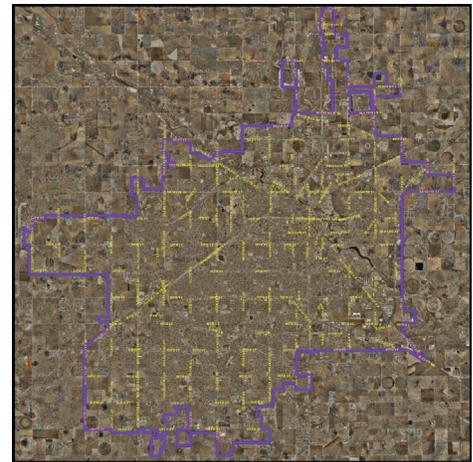
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 General Fund Pay-As-You-Go	172,000	0	0	0	0	0	0	172,000
FY 2016 General Fund Pay-As-You-Go	475,000	0	0	0	0	0	0	475,000
FY 2017 General Fund Pay-As-You-Go	0	440,000	0	0	0	0	0	440,000
FY 2018 General Fund Pay-As-You-Go	0	0	375,000	0	0	0	0	375,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	225,000	0	0	0	225,000
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	900,000	0	0	900,000
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	100,000	0	100,000
FY 2022 General Fund Pay-As-You-Go	0	0	0	0	0	0	100,000	100,000
Total Funding Sources	647,000	440,000	375,000	225,000	900,000	100,000	100,000	2,787,000

Managing Department **Facilities Management**

Project Manager **Wesley Everett**

Project Classification **Replacement Facility**

Project Status **Approved**



Project Scope

The project includes land or building acquisition; construction of new facilities; and renovations and/or upgrades to existing facilities including the property located at 1206 14th Street, City Hall, and other buildings as funding allows. The project also includes all costs related to design and engineering and professional services as related to acquisition, remodeling, construction, or renovations and upgrades.

FY 2015-16 work included hiring the Architect for the Citizens Tower/Police Department with preliminary development of plans and specifications. The construction manager was hired. The Citizens Tower was abated and interior demolition has begun in certain areas.

Project Justification

The project will replace the current City Hall with a renovated facility in the former Omni Building that will provide enough space to allow the City to locate most departments within one facility.

The project will also renovate the current City Hall into a new Police facility that will replace the facility at Municipal Square.

The following is a brief summary of the concerns and findings of the 2014 Citizens Advisory Committee related to the existing police facility:

- Safety – Stress cracks in offices, concerns of structure support in basement, areas of facility are unfit for use, exposure to asbestos, cracked or broken tiles that are too many to count, holes in walls, restrooms with rancid odor, backed up sewage in the basement, break rooms with no running water for personal hygiene, and spacing concerns that place support staff within arm’s reach of criminals being walked through facility.
- Privacy – Property crimes areas have cubicles for work spaces where victims, witnesses and suspects are interviewed and deprive people of their expectation of privacy as they share information with detectives.
- Recruitment – The current police station not only sends a negative message about the value we place on public safety, but in effect, is detrimental to allowing us to attract and retain our current police staff.
- Supervision – Sections of the department’s personnel are completely disjointed and inaccessible to others in their department and there is a concern among the committee that the housing should be more logical in nature.
- Recommendation - The Citizen’s Advisory Committee report gave the recommendation to replace the substandard facility with a modern facility that will better serve the needs of our police as well as our community.

Project History

\$10.2 million was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

\$52.8 million was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Land Acquisition	5,000,000	0	0	0	0	0	0	5,000,000
Construction	52,800,000	0	0	0	0	0	0	52,800,000
Design and Engineering	5,200,000	0	0	0	0	0	0	5,200,000
Total Project Appropriation	63,000,000	0	0	0	0	0	0	63,000,000

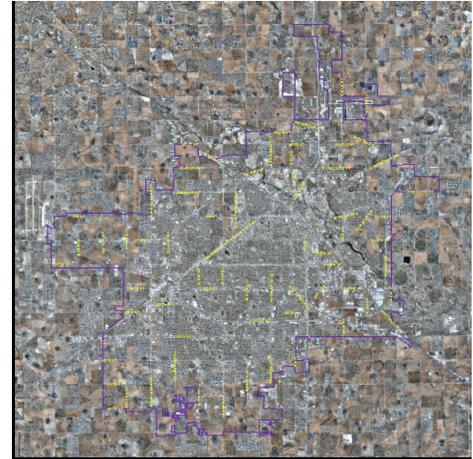
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Tax Supported Revenue CO's	10,200,000	0	0	0	0	0	0	10,200,000
FY 2016 Tax Supported Revenue CO's	52,800,000	0	0	0	0	0	0	52,800,000
Total Funding Sources	63,000,000	0	0	0	0	0	0	63,000,000

Managing Department **Comprehensive Planning**

Project Manager **Andrew Paxton**

Project Classification **Master Plans/Studies**

Project Status **Requested**



Project Scope

The project will update Lubbock’s land use plan, build on and work with recently updated master plans such as: parks master plan, the thoroughfare plan, water master plan, sewer master plan, and storm water master plan. A market analysis and fiscal study will also be done to help ensure the viability of the plan and each of its components.

A general description of the scope of work for this project is provided below.

- Preliminary market analysis
- Work session with city staff/ stake holders
- Kick off meeting for the public and/or advertising campaign
- Public involvement: possible combinations of online surveys, website, public interactive workshops, and community open house
 - Land use (update necessary)
 - Development strategies (update necessary)
 - Growth management/ annexation
 - Economic/fiscal analysis and sustainability (update)
 - Parks (existing 2011, update in progress)
 - Airport master plan (existing 2007)
 - Fire department station plan (ongoing updates)
 - Downtown Revitalization Action Plan (2008)
 - Stormwater master plan(existing, update in progress)
 - Thoroughfare Plan (existing, updating 2016)
 - Water master plan (existing, update in progress)
 - Water supply master plan
 - Sewer master plan (existing 2008, update requested 2016-17)
 - Community development
 - Transportation and mobility (existing possible updates)
 - - Traffic management master plan
 - - Public transportation (existing 2013, planned update 2018)
 - - Bike lane master plan
- Implementation/ follow-up action
 - Possible City driven projects to follow new Comprehensive Plan
 - Zoning code update
 - Community development/ housing strategies

Project Justification

This plan will update the City’s comprehensive land use plan. The current plan is more than thirty years old, adopted August, 1985 by Resolution #2118. The industry standard suggests updates every 5 years in order to maintain relevance and effectiveness. One short coming of the current plan is that it primarily focuses on land use while partially taking into account other city functions. Modern day comprehensive plans take a holistic look at the entire community’s vision while fully incorporating city functions into that central idea. Frequent updates are necessary in order for the plan to be based off current data about the market, economics, population, and the overall circumstances of the city.

Over the last few years, a large portion of zone cases have been considered a “minor” change to the comprehensive land use plan; therefore the plan clearly is not in sync with the projected development market. Also, the current plan does not take into account the outer loop and its impacts on development, housing, transportation, etc.

The Planning and Zoning Commission hears and recommends zone cases to City Council for approval. Due to the large number of cases that are considered minor amendments to the comprehensive land use plan, the commission made a formal recommendation to City Staff to update the Comprehensive Plan.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	0	0	250,000	250,000	0	0	0	500,000
Total Project Appropriation	0	0	250,000	250,000	0	0	0	500,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 General Fund Pay-As-You-Go	0	0	250,000	0	0	0	0	250,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	250,000	0	0	0	250,000
Total Funding Sources	0	0	250,000	250,000	0	0	0	500,000



Cultural and Recreational Services

Appropriation Summary

	Project Name	Appropriation to Date	Unappropriated Planning Years					Total Appropriation	
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21		FY 2021-22
8550	Golf Course Improvements	571,290	53,400	53,400	53,400	53,400	53,400	53,400	891,690
92144	Buddy Holly Center	1,139,809	0	0	0	0	0	0	1,139,809
92328	Aztlan Mural Shelter	135,000	0	0	0	0	0	0	135,000
92362	Buddy Holly Center Renovations Phase II	438,380	126,000	0	0	0	0	0	564,380
92363	Patterson Branch Library Renovations	700,000	0	0	0	0	0	0	700,000
92364	Lewis Ball Field Complex Facility Improvements	82,446	0	1,232,764	785,200	0	0	0	2,100,410
92365	Lakewood Development	566,192	0	0	0	0	0	0	566,192
92425	Park Maintenance Facility	600,000	0	0	0	0	0	0	600,000
2008084	Dunbar Historical Lake Improvements	0	0	0	0	1,180,638	1,517,963	0	2,698,601
2008230	Burgess Rushing Tennis Center (East Annex)	0	0	19,035	190,354	0	0	0	209,389
2008231	Burgess Rushing Tennis Center (Phase II)	0	0	0	2,018,390	0	0	0	2,018,390
2008233	Park Renovations	0	0	0	944,884	0	0	0	944,884
2008240	Mackenzie Park Community Pavilion	0	0	0	0	0	1,606,660	0	1,606,660
2009388	McAlister Park Community Pavilion	0	0	0	0	3,806,660	0	0	3,806,660
2011056	Mackenzie Irrigation (I-27 Entry)	0	0	0	0	0	310,200	0	310,200
2011060	Youth Sports Complex Construction Phase II	0	0	0	0	0	8,080,000	0	8,080,000
2013040	Leftwich Park Development	0	0	1,224,336	0	0	0	0	1,224,336
2013041	Higginbotham Park Redevelopment	0	0	77,036	1,012,723	0	0	0	1,089,759
2014054	Huffman Softball Complex Facility Improvements	0	0	2,465,528	1,735,292	0	0	0	4,200,820
2014068	University & Indiana Avenue Medians Xeriscape	0	0	761,492	300,000	0	0	0	1,061,492
2014072	Groves Branch Library Renovations	0	0	740,000	0	0	0	0	740,000
2014079	Mackenzie (South) Irrigation Improvements	0	0	0	0	527,688	0	0	527,688
2014088	Clapp Pool Maintenance and Improvements	0	0	0	2,264,708	1,735,292	0	0	4,000,000
2016002	Swimming Pool Improvements	0	0	1,024,405	0	0	0	0	1,024,405
2016003	McAlister Nature Trail Phase 1	0	0	443,000	0	0	0	0	443,000
2016004	Davis Model Airport Runway Repairs	0	0	0	168,336	0	0	0	168,336
2016012	McAlister Nature Trail Phase II	0	0	0	465,000	0	0	0	465,000
2016085	Garden and Arts Center Exterior Renovations	0	0	177,000	0	0	0	0	177,000
2016101	Stumpy Hamilton Park Redevelopment Phase II	0	0	3,820,758	0	0	0	0	3,820,758
2016102	Ball Field Playgrounds	0	0	0	0	747,488	0	0	747,488
2016173	Park Pavilions Phase II	0	0	503,498	538,472	576,455	614,438	654,842	2,887,705
2016174	Park Playground Replacement Phase II	0	0	950,000	1,100,000	1,200,000	1,308,000	1,425,720	5,983,720

Total	Cultural and Recreational Services	4,233,117	179,400	13,492,252	11,576,759	9,827,621	13,490,661	2,133,962	54,933,772
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Cultural and Recreational Services

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2009 General Fund Pay-As-You-Go	185,951	0	0	0	0	0	0	185,951
FY 2010 General Fund Pay-As-You-Go	44,824	0	0	0	0	0	0	44,824
FY 2011 General Fund Pay-As-You-Go	51,091	0	0	0	0	0	0	51,091
FY 2012 General Fund Pay-As-You-Go	72,190	0	0	0	0	0	0	72,190
FY 2014 General Fund Pay-As-You-Go	135,000	0	0	0	0	0	0	135,000
FY 2015 General Fund Pay-As-You-Go	600,000	0	0	0	0	0	0	600,000
FY 2015 Tax Supported Revenue CO's	1,348,638	0	0	0	0	0	0	1,348,638
FY 2018 General Fund Pay-As-You-Go	0	0	2,424,932	0	0	0	0	2,424,932
FY 2018 Tax Supported Revenue CO's	0	0	11,013,920	0	0	0	0	11,013,920
FY 2019 General Fund Pay-As-You-Go	0	0	0	2,068,574	0	0	0	2,068,574
FY 2019 Tax Supported Revenue CO's	0	0	0	9,454,785	0	0	0	9,454,785
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	527,688	0	0	527,688
FY 2020 Tax Supported Revenue CO's	0	0	0	0	9,246,533	0	0	9,246,533
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	310,200	0	310,200
FY 2021 Tax Supported Revenue CO's	0	0	0	0	0	13,127,061	0	13,127,061
FY 2022 Tax Supported Revenue CO's	0	0	0	0	0	0	2,080,562	2,080,562
General Capital Project Fund	217,234	53,400	53,400	53,400	53,400	53,400	53,400	537,634
Hotel/Motel Funds	1,578,189	126,000	0	0	0	0	0	1,704,189
Total Cultural and Recreational Services	4,233,117	179,400	13,492,252	11,576,759	9,827,621	13,490,661	2,133,962	54,933,772

Managing Department **Community Services**

Project Manager **Scott Snider**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Permanent improvements to Meadowbrook Golf Course including the parking lot, reservoir liner, and other necessary improvements.

Project Justification

Needed maintenance and improvements to the golf course and other facilities at Meadowbrook Golf Course.

Project History

\$185,951 was appropriated in FY 2008-09, Budget Amendment No. 15, Ord. No. 2009-O0067, August 13, 2009.

\$53,400 was appropriated in the FY 2009-10 Budget, Ord. No. 2009-O0073, August 27, 2009.

FY 2009-10 budget addition reduced to \$44,824 based on actual revenue.

\$53,400 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.

FY 2010-11 budget addition reduced to \$51,091 based on actual revenue.

\$53,400 was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.

FY 2011-12 budget addition increased to \$72,190 based on actual revenue.

\$53,400 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.

FY 2012-13 budget addition increased to 56,068 based on actual revenue.

\$53,400 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$53,400 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

FY 2013-14 budget addition reduced to \$53,242 based on actual revenue.

\$53,400 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

FY 2014-15 budget addition increased to \$54,523 based on actual revenue.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	571,290	53,400	53,400	53,400	53,400	53,400	53,400	891,690
Total Project Appropriation	571,290	53,400	53,400	53,400	53,400	53,400	53,400	891,690

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2009 General Fund Pay-As-You-Go	185,951	0	0	0	0	0	0	185,951
FY 2010 General Fund Pay-As-You-Go	44,824	0	0	0	0	0	0	44,824
FY 2011 General Fund Pay-As-You-Go	51,091	0	0	0	0	0	0	51,091
FY 2012 General Fund Pay-As-You-Go	72,190	0	0	0	0	0	0	72,190
General Capital Project Fund	217,234	53,400	53,400	53,400	53,400	53,400	53,400	537,634
Total Funding Sources	571,290	53,400	53,400	53,400	53,400	53,400	53,400	891,690

Managing Department **Cultural Arts Services**

Project Manager **George Lisenbe**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

The project replaces approximately 8,500 square feet of clay tile roof with material that must match the existing material as close as possible because the Buddy Holly Center is a designated historical building. The project also includes:

- * re-painting approximately 730 linear feet of stone trimming, new doors, and windows, replacement of related exterior components in accordance with the Lubbock Historical Commission requirements, and the renovation of 850 square feet of undeveloped space for meetings and other activities. The interior work includes new finishes, lighting, and HVAC. Asbestos will be abated as required.
- * Design and construction of the Buddy and Maria Elena Holly Plaza adjacent to the Buddy Holly Center.
- * Resurfacing of the Buddy Holly Center parking lot located at 1801 Crickets Avenue. The project will remove existing asphalt and replace with asphalt. Staff recommends doing this project in two phases in order to minimize the inconvenience of the public and businesses who lease the parking lot.

FY 2015-16 work on the parking lot has begun.

Project Justification

Portions of the clay roof at the Buddy Holly Center have deteriorated to the point that repairs are no longer economical. Roof leaks prevent displays in certain areas and will eventually lead to structure damage and/or mold growth. The project will also renovate undeveloped space in the Buddy Holly Center, and replace deteriorating exterior doors and windows.

The parking lot at the Buddy Holly Center is leased by local business owners, as well as utilized by patrons of the Center. The existing lot has not been resurfaced since the City acquired the building in 1997. The lot has had preventative maintenance over the years, but is reaching the end of its expected life. Due to heavy use, weather, and age, the lot is in need of maintenance. With the addition of the Allison House to the site, parking has been reduced and resurfacing is required.

Project History

The City purchased the historical Depot Building in the late 1990s and renovated the building for the Buddy Holly Center. The new Buddy Holly Center addition has a similar roof system.

\$255,000 was appropriated in the FY 2007-08 Budget, Ord. No. 2007-00091, September 13, 2007.

\$645,000 was appropriated in FY 2008-09 Budget, Ord. No. 2008-00077, September 11, 2008.

\$150,000 was appropriated FY 2009-10, Budget Amendment No. 21, Ord. No. 2010-00072, September 27, 2010.

\$89,809 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	1,056,809	0	0	0	0	0	0	1,056,809
Construction Management Support	26,000	0	0	0	0	0	0	26,000
Design and Engineering	57,000	0	0	0	0	0	0	57,000
Total Project Appropriation	1,139,809	0	0	0	0	0	0	1,139,809

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Hotel/Motel Funds	1,139,809	0	0	0	0	0	0	1,139,809
Total Funding Sources	1,139,809	0	0	0	0	0	0	1,139,809

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **New Facility**

Project Status **Approved**



Project Scope

Project will consist of the design and construction of an open-air shelter for the Mural Wall at Aztlan Park. The development will include a walk, irrigation, security lighting, ADA accessibility to parking, trees, benches and a large pavilion. The open air structure will be constructed of low maintenance materials such as steel with metal roofing. The walk will be constructed within the natural topography of the park and extend from the “Mural” memorial to the existing walking trail and create a link to the playground and restroom. The facilities will be suitable for such events as annual celebrations and musical events.

Project Justification

The project responds to the second highest priority established in the City of Lubbock Parks Recreation and Open Space Master Plan 2011 in the Five Year Action Plan. The Five Year Action Plan responds to the priorities established in the Needs Assessment for the City and individual zones. The neighborhood association adjacent to this park is supportive of this project. The redevelopment is a high priority of the Parks and Recreation and Open Space Master Plan.

Project History

The Canyon Lakes project began in the late 1960s, but funding constraints kept the City from finishing the project. In the 1970s, the City started the first phase of development. In 1998, the City commissioned the design team of Carter & Burgess and Parkhill, Smith & Cooper to create a new plan for continuing development of the lakes, which is an intricate part of the Canyon Lakes Master Plan. The Master Plan calls for expanding and renovating the lake system. The proposal includes creating bridges and a river walk, constructing an outdoor theater, connecting the bodies of water for navigation by boats, and attracting commercial development. The project compliments Fiesta Plaza on the north end of the canyon as well as the Community Development Block Grant Project of a walking trail and accessible restrooms in Mae Simmons Park.

On June 18th, 2013, the Guadalupe Neighborhood Association restored the mural that was created 19 years ago. Located at Aztlan Park, the mural was created by Emanuel Martinez in 1994. After years of weathering, it had lost the original luster. Martinez traveled from Denver, CO to help with the restoration. The funding for the mural's restoration was made possible by Bayer Crop Science and the efforts of Mayor Robertson. The restoration project was \$7,000.

The Neighborhood Association and Home Owners Association adjacent to the parks formally requested these improvements.

\$135,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	135,000	0	0	0	0	0	0	135,000
Total Project Appropriation	135,000	0	0	0	0	0	0	135,000

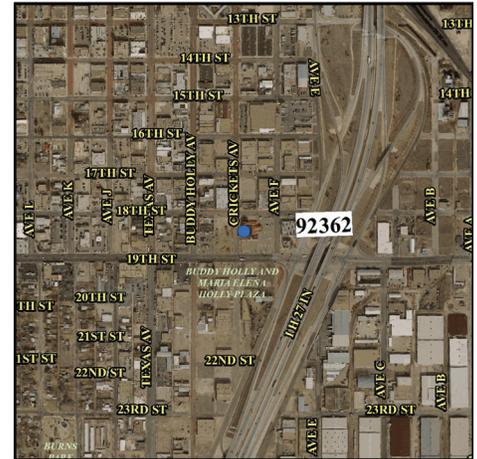
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2014 General Fund Pay-As-You-Go	135,000	0	0	0	0	0	0	135,000
Total Funding Sources	135,000	0	0	0	0	0	0	135,000

Managing Department **Facilities Management**

Project Manager **George Lisenbe**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

The project replaces approximately 600 yards of carpet originally installed in 2000 mainly in the Buddy Holly Gallery, administration offices, gift shop and theater. The existing deck will be replaced to conform with Texas Accessibility Standards (TAS) requirements. Sealing of the deck will also be included to withstand the harsh weather elements the deck is exposed to. The exterior doors on the original Depot structure will be replaced with pre-finished metal door having the same style and profile as the existing doors. The restroom will also be updated accordingly. The project will be phased over two years.

In FY2015-16, the exterior were scheduled to be replaced. Complications in the manufacturing of these doors resulted in the contract being cancelled. Will be rebid later in the fiscal year.

Funding for FY 2016-17 will cover the shortfall of funds for the carpet replacement and deck renovations which came in higher than expected. Also, the Allison House will be repainted (exterior).

Project Justification

The Buddy Holly Center (BHC) was last renovated around 2000 when the City converted the former Depot building into the Center. One exception was to the Fine Arts Gallery (west portion of the center) which was renovated in 2011. Most of the 2000 era materials have outlived their useful life cycle and require replacement and updating.

Project History

The City obtained the Depot building and former restaurant around 1999. The facility was renovated to house the Buddy Holly Center around 2000.

\$380,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

Reduced appropriation by \$41,620 in FY 2014-15 Budget Amendment No. 13, Ord. No. 2015-00051, June 11, 2015.

\$100,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-00094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	389,880	120,000	0	0	0	0	0	509,880
Construction Management Support	18,500	0	0	0	0	0	0	18,500
Design and Engineering	30,000	6,000	0	0	0	0	0	36,000
Total Project Appropriation	438,380	126,000	0	0	0	0	0	564,380

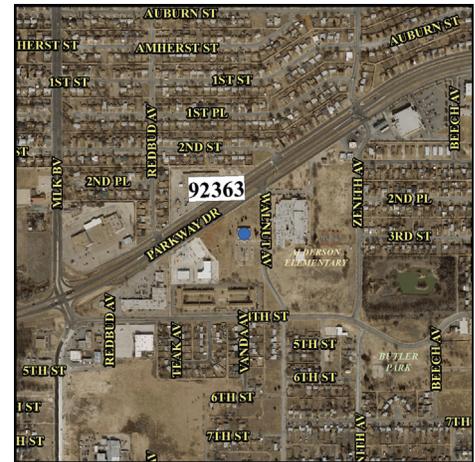
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Hotel/Motel Funds	438,380	126,000	0	0	0	0	0	564,380
Total Funding Sources	438,380	126,000	0	0	0	0	0	564,380

Managing Department **Patterson Library**

Project Manager **George Lisenbe**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

The project provides for the renovation of the Patterson Branch Library. The renovations include new floor covering, painting, HVAC replacements, and a new roof system. Minor electrical will also be included.

FY 2015-16 renovations included roof replacement and HVAC replacement. Interior work will take place this fiscal year.

Project Justification

The Patterson Branch Library was constructed around 1994. There have been no major renovations to this facility since its construction. Due to the heavy use of the facility, most systems and equipment will have a shorter than normal life cycles. Most systems and equipment in this facility have reached the end of their life cycles.

Project History

This facility was constructed around 1994 to provide library functions for the citizens of north-east Lubbock.

\$700,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	610,000	0	0	0	0	0	0	610,000
Construction Management Support	40,000	0	0	0	0	0	0	40,000
Design and Engineering	50,000	0	0	0	0	0	0	50,000
Total Project Appropriation	700,000	0	0	0	0	0	0	700,000

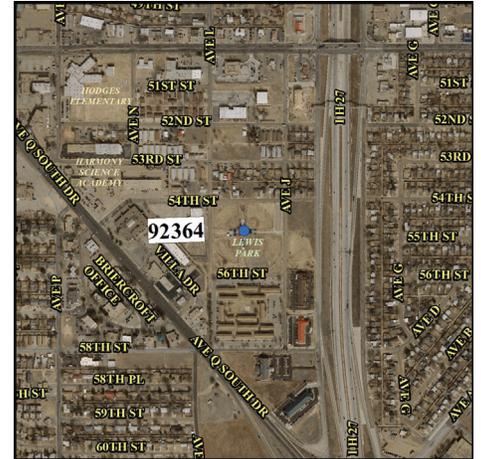
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Tax Supported Revenue CO's	700,000	0	0	0	0	0	0	700,000
Total Funding Sources	700,000	0	0	0	0	0	0	700,000

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Replacement Facility**

Project Status **Approved**



Project Scope

Improvements to Lewis Ball Fields including replacement of the existing Concession, Restroom and Press Box Building. Complimentary work will be required to build back the area of the spectator seating.

Project Justification

Lewis Ball Field Complex, completed in 1997, is the oldest of the quad-plex type Little League Fields. The existing facilities are not as functional or user friendly as those provided at the new or recently renovated ball field complexes. Improvements to the facilities will provide equality among all baseball & softball leagues. Funding appropriated in FY 2014-15 is being used to retain architectural/engineering services to design renovations to the press box/concession building and restrooms in preparation for proposed construction funds to be appropriated in FY 2015-16.

Project History

Lewis Ball Field was built in 1997. This will be the first renovation and/or replacement project for this portion of the facility.

1997 - Lewis Park - Dixie Little League - Field Renovations - 719,655

1998 - Lewis Park - Dixie Little League - Parking Lot - 28,396

2008 - Lewis Park - Dixie Little League - Bleacher Shades - 92,620

Total 840,671

\$82,446 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	1,177,800	785,200	0	0	0	1,963,000
Design and Engineering	82,446	0	54,964	0	0	0	0	137,410
Total Project Appropriation	82,446	0	1,232,764	785,200	0	0	0	2,100,410

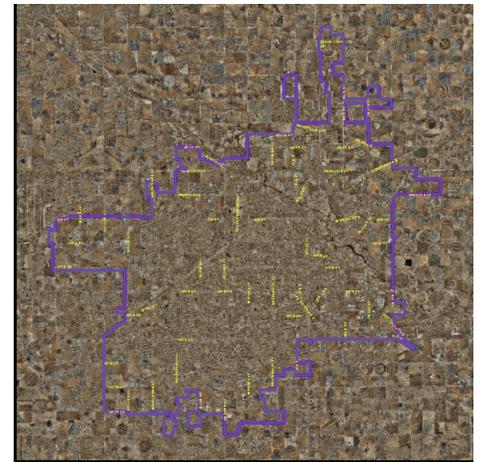
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Tax Supported Revenue CO's	82,446	0	0	0	0	0	0	82,446
FY 2018 Tax Supported Revenue CO's	0	0	1,232,764	0	0	0	0	1,232,764
FY 2019 Tax Supported Revenue CO's	0	0	0	785,200	0	0	0	785,200
Total Funding Sources	82,446	0	1,232,764	785,200	0	0	0	2,100,410

Managing Department **Facilities Management**

Project Manager **George Lisenbe**

Project Classification **Replacement Facility**

Project Status **Approved**



Project Scope

Purchase and renovate the former Texas Department of Transportation Facility on Municipal Hill to replace the existing facility.

FY 2015-16 Repairs have been completed on the exterior of the facility. Will begin interior renovations and expected to be completed by Fall 2016.

Project Justification

The current facility located at 1912 Erskine is located in a flood zone and floods whenever substantial precipitation falls. There are several environmental issues that need to be resolved. The facility needs a substantial amount of repairs. The repairs are not cost efficient. Currently the facility has outlived its useful life.

Project History

The current facility is located in a flood zone and the facility has out lived its useful life. The portion of the Park Department housed at the current complex have expanded and can no longer efficiently operate out of the facility.

\$600,000 was appropriated in FY 2014-15 Budget Amendment No. 32, Ord. No. 2015-00096, September 24, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Building Acquisition	600,000	0	0	0	0	0	0	600,000
Total Project Appropriation	600,000	0	0	0	0	0	0	600,000

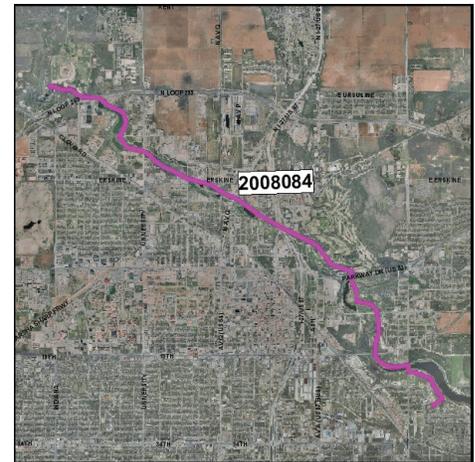
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 General Fund Pay-As-You-Go	600,000	0	0	0	0	0	0	600,000
Total Funding Sources	600,000	0	0	0	0	0	0	600,000

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **New Facility**

Project Status **Requested**



Project Scope

Construct improvements at Dunbar Historical Lake including a walking trail, irrigation, security lighting, turf grass, ADA accessible parking, playground, trees, benches and a large pavilion. The walking trail will be constructed within the natural topography of the Dunbar Historic Lake and extend from the Footprints in Time memorial to the dam creating a link to the MLK Little League Fields. The facilities will be suitable for events including the annual Juneteenth celebration and musical event.

Project Justification

The project responds to the second highest priority established in the Lubbock Comprehensive Parks, Recreation and Open Space Master Plan in the Five Year Action Plan. The Development of the Canyon Lakes responds to the Goals for Lubbock, A Vision into the 21st Century; economic development goal, land use and urban design goal and Recreation, Parks, Entertainment, and Cultural Affairs Goals.

Project History

The Canyon Lakes project began in the late 1960s, but funding constraints kept the City from finishing the project. In the 1970s, the City started the first phase of development. In 1998, the City commissioned the design team of Carter & Burgess and Parkhill, Smith & Cooper to create a new plan for continuing development of the lakes, which is an intricate part of the Canyon Lakes Master Plan. The Master Plan calls for expanding and renovating the lake system. The proposal includes creating bridges and a river walk, constructing an outdoor theater, connecting the bodies of water for navigation by boats, and attracting commercial development. The project compliments Fiesta Plaza on the north end of the canyon and the Community Development Block Grant Project of a walking trail and accessible restrooms in Mae Simmons Park. The Neighborhood Association and Home Owners Association adjacent to the parks formally requested these improvements.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	1,180,638	1,517,963	0	2,698,601
Total Project Appropriation	0	0	0	0	1,180,638	1,517,963	0	2,698,601

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2020 Tax Supported Revenue CO's	0	0	0	0	1,180,638	0	0	1,180,638
FY 2021 Tax Supported Revenue CO's	0	0	0	0	0	1,517,963	0	1,517,963
Total Funding Sources	0	0	0	0	1,180,638	1,517,963	0	2,698,601

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Create a new entry from the newly constructed parking for the Burgess Rushing Tennis Center and the development of open space with park amenities including a walking track, benches, picnic stations, irrigation system and trees. The Burgess Rushing Tennis Center will be connected to the Annex and Leftwich Park in the vicinity of 66th Street and Gary Avenue.

Project Justification

The newly constructed parking lot to the east of the Burgess Rushing Tennis Center is a shared by the property owners and the City of Lubbock by license agreement. This offers the perfect opportunity to create an Eastern entrance to the tennis center. Creating an entrance to the East will provide increased parking for the Tennis Center, prepare the center for the proposed next phase of improvements, and further the development of Leftwich Park as a whole.

Project History

The site has been acquired and is currently being maintained by mowing and picking up litter.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	190,354	0	0	0	190,354
Design and Engineering	0	0	19,035	0	0	0	0	19,035
Total Project Appropriation	0	0	19,035	190,354	0	0	0	209,389

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 General Fund Pay-As-You-Go	0	0	19,035	0	0	0	0	19,035
FY 2019 General Fund Pay-As-You-Go	0	0	0	190,354	0	0	0	190,354
Total Funding Sources	0	0	19,035	190,354	0	0	0	209,389

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Renovation and addition to the Burgess Rushing Tennis Center facility including four covered courts, additional parking, an outdoor plaza, playground, and a pro shop. The project is included in the Burgess-Rushing Tennis Center Master Plan completed by Parkhill, Smith & Cooper.

Project Justification

The improvements increase the quality of life through physical activity, especially for children and seniors. Improvements to the tennis center will promote additional tournaments and a positive image for visitors. Other cities are building modern tennis facilities to serve a growing number of players. Most existing courts will remain in play during construction, so the impact to operations should be minimal.

Project History

Funding from the 1999 Bond Election converted 10 of the 12 asphalt courts to concrete. The 2004 Bond Project provided concrete courts over the two remaining asphalt courts, added four new concrete courts with lighting, new fencing, signage and irrigation.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	1,834,900	0	0	0	1,834,900
Design and Engineering	0	0	0	183,490	0	0	0	183,490
Total Project Appropriation	0	0	0	2,018,390	0	0	0	2,018,390

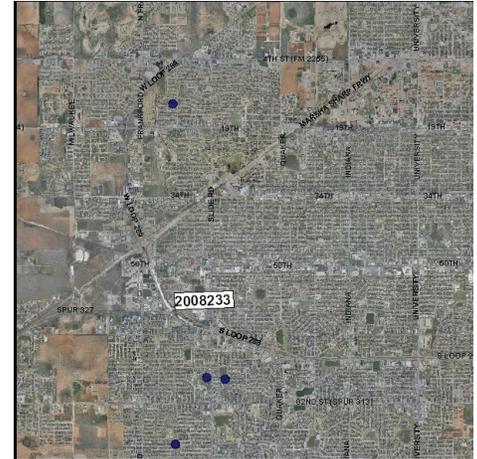
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 Tax Supported Revenue CO's	0	0	0	2,018,390	0	0	0	2,018,390
Total Funding Sources	0	0	0	2,018,390	0	0	0	2,018,390

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Construction of a walking track and renovation of the irrigation systems at existing Lubbock parks: 2018-19 - Preston Smith Park and Jack Stevens Park jogging track; Jennings Park and other additional parks in 2019-20.

Construct new electrical services for lighting, underground wire replacements, poles and fixtures at Maxey, Butler, Huffman, Clapp, Berry, Washington, Dunbar Historical Lake, and Aztlan Parks.

Repair and resurface tennis courts at Atzlan, Carlisle, Clapp, Davies, Davis, Elmore, Dupree, Hoel, Mahon, Ratliff, Simmons, Stevens, and Wheelock Parks. Convert tennis courts at Butler, Hollins, Rawlings, and Woods Parks to basketball courts. A basketball court will be added at Rogers Park and the deteriorated tennis court at Mose Hood Park will be removed.

Construct a trail connection, irrigation, security lighting, turf grass, ADA accessible parking, trees, benches and a bridge providing access to the north side of the creek. The trail connection will be constructed within the natural topography of the Jim Bertram Lake System, from Palatine park to the bridge on the top of the dam. The facilities will be suitable for walking and exercise

Project Justification

Upgrades at the parks address the second highest priority established in the Lubbock Comprehensive Parks, Recreation and Open Space Master Plan in the Five Year Action Plan.

Smith Park is the fourth of four parks identified as pilot projects in the Parks 1999 ADA Transition Plan. The ADA Transition plan proposed accessible paths as navigable-surface access to all park amenities for disabled users. Currently, all new park projects are made individually accessible, while only a few parks in the system have all amenities connected by a totally accessible circulation system. The project provides substantial progress to the City's efforts to comply with ADA requirements.

Project History

Construction of Berry, Carlisle, Ribble and Hoel Park jogging tracks have been completed.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	858,986	0	0	0	858,986
Design and Engineering	0	0	0	85,898	0	0	0	85,898
Total Project Appropriation	0	0	0	944,884	0	0	0	944,884

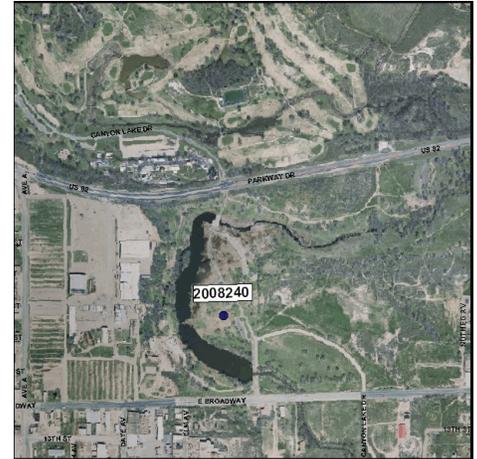
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 General Fund Pay-As-You-Go	0	0	0	944,884	0	0	0	944,884
Total Funding Sources	0	0	0	944,884	0	0	0	944,884

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Replacement Infrastructure**

Project Status **Requested**



Project Scope

Construct a large group pavilion with restrooms and a full catering kitchen, to accommodate more than 400 people at the old bath house and pool area.

Project Justification

The project addresses the second highest priority established in the Lubbock Comprehensive Parks, Recreation and Open Space Master Plan in the Five Year Action Plan, which responds to the priorities established in the Needs Assessment for Lubbock and individual zones. The Development of the Canyon Lakes responds to the Goals for Lubbock, A Vision into the 21st Century; Economic Development Goal, Land Use and Urban Design Goal and Recreation, Parks, Entertainment, and Cultural Affairs Goals. The project responds to the City Council goals and policies to improve infrastructure maintenance and enhance the quality of life.

Project History

The Canyon Lakes project was planned in the late 1960s, but funding was unavailable. In the 1970s, the City started the first phase of development. In 1998, the City commissioned the design team of Carter & Burgess and Parkhill, Smith & Cooper to create a new plan for continuing development of the lakes, which is an intricate part of the Canyon Lakes Master Plan. The Master Plan includes expanding and renovating the lake system, creating bridges and a river walk, constructing an outdoor theater, connecting the bodies of water for navigation by boats, and attracting commercial development. The project compliments Fiesta Plaza on the north end of the canyon and the Community Development Block Grant Project of accessible restrooms in Mae Simmons Park. The Neighborhood Association and Home Owners Association adjacent to these parks formally requested the improvements.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	1,260,600	0	1,260,600
Design and Engineering	0	0	0	0	0	346,060	0	346,060
Total Project Appropriation	0	0	0	0	0	1,606,660	0	1,606,660

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2021 Tax Supported Revenue CO's	0	0	0	0	0	1,606,660	0	1,606,660
Total Funding Sources	0	0	0	0	0	1,606,660	0	1,606,660

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **New Facility**

Project Status **Requested**



Project Scope

Construct a large group pavilion with restrooms, fence, landscaping, and full catering kitchen to accommodate 400 people. The project continues development of the area adjacent to the Challenger and Western Little League Complex and Legacy Play Village.

Project Justification

The project addresses the second highest priority established in the Lubbock Comprehensive Parks, Recreation and Open Space Master Plan in the Five Year Action Plan, which responds to the priorities established in the Needs Assessment for the City and individual zones. The Development of the Canyon Lakes responds to the Goals for Lubbock, A Vision into the 21st Century; Economic Development Goal, Land Use and Urban Design Goal and Recreation, Parks, Entertainment, and Cultural Affairs Goals. The project also responds to the City Council goals and policies to improve infrastructure maintenance and enhance the quality of life.

Project History

The McAlister Park project began in the late 1970s, but funding constraints kept the City from finishing the project. In the 1990s, the City started the first phase of development. In 1998, the City commissioned the design team of Schrickel, Rollins and Associates to create a new plan for continuing development of the property, which is an intricate part of the McAlister Park Master Plan. The Master Plan includes the development of the lake property. The amenities in the Master Plan include a four-field complex, playground, 4x4 track, BMX track, disc golf, washer and horse shoe pitching area, skate park, and public restrooms. All of the projects are complete.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	3,460,600	0	0	3,460,600
Design and Engineering	0	0	0	0	346,060	0	0	346,060
Total Project Appropriation	0	0	0	0	3,806,660	0	0	3,806,660

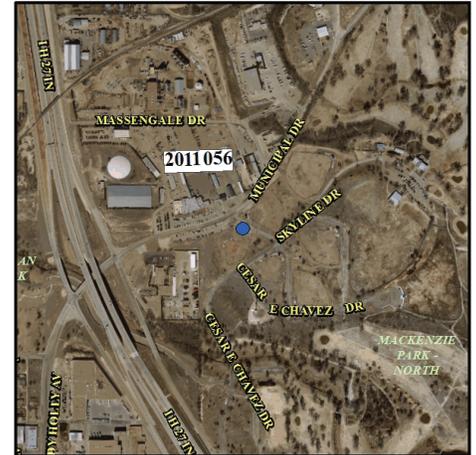
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2020 Tax Supported Revenue CO's	0	0	0	0	3,806,660	0	0	3,806,660
Total Funding Sources	0	0	0	0	3,806,660	0	0	3,806,660

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Replacement Infrastructure**

Project Status **Requested**



Project Scope

Replacement of the existing irrigation system at Mackenzie Park, east of the I-27 entry. The existing system is in disrepair and is no longer functional with the removal of the pool complex. The area falls within the natural topography of the Mackenzie Recreational Area, and is the I-27 entry into the Park, Meadowbrook Golf Course, the Jim Bertram Lake System, and Prairie Dog Town.

Project Justification

The Mackenzie Irrigation (I-27 Entry) project responds to the Goals for Lubbock, A Vision into the 21st Century; Economic Development Goal #5, Land Use and Urban Design Goal #6, and Recreation, Parks, Entertainment, & Cultural Affairs Goals #1, 3, 4, & 5, Lubbock Comprehensive Parks, Recreation and Open Space Master Plan, 1998 and Canyon Lakes Master Plan. The project responds to the City Council goals and policies to improve infrastructure maintenance and enhance the quality of life. The pool complex has been removed which left the area barren and in need of landscaping.

Project History

The Canyon Lakes project began in the late 1960s, but funding constraints kept the City from finishing the project. In the 1970s, the City started the first phase of development. In 1998, the City commissioned the design team of Carter & Burgess and Parkhill, Smith & Cooper to create a new plan for continuing development of the lakes, which is an intricate part of the Canyon Lakes Master Plan. The Master Plan calls for expanding and renovating the lake system. The proposal includes creating bridges and a river walk, constructing an outdoor theater, connecting the bodies of water for navigation by boats, and attracting commercial development. The project compliments Fiesta Plaza on the north end of the canyon as well as the Community Development Block Grant Project of accessible restrooms in Mae Simmons Park. The Neighborhood Association and Home Owners Association adjacent to the parks formally requested these improvements.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	282,000	0	282,000
Design and Engineering	0	0	0	0	0	28,200	0	28,200
Total Project Appropriation	0	0	0	0	0	310,200	0	310,200

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2021 General Fund	0	0	0	0	0	310,200	0	310,200
Pay-As-You-Go	0	0	0	0	0	310,200	0	310,200
Total Funding Sources	0	0	0	0	0	310,200	0	310,200

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **New Facility**

Project Status **Requested**



Project Scope

Construct Phase two of the Youth Sports Complex including 16 pee wee soccer fields, 13 intermediate sized fields, 8 junior fields, and 4 senior fields. The project includes 2 restroom and concession buildings, parking, irrigation, lighting, grading, turf, drainage and all related facility amenities. Phase three is proposed to consist of 11 senior soccer fields, 1 restroom/concession building, parking, lighting, irrigation, turf and all related facility amenities.

Project Justification

The project creates a tournament grade soccer complex and completes the second phase of the Youth Sports Complex. The soccer complex will be used by local residents as well as host regional and national tournaments. The tournament aspect of the facility will provide an economic benefit to the City of Lubbock.

Project History

The project is Phase II of a three-phase project.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	8,000,000	0	8,000,000
Design and Engineering	0	0	0	0	0	80,000	0	80,000
Total Project Appropriation	0	0	0	0	0	8,080,000	0	8,080,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2021 Tax Supported Revenue CO's	0	0	0	0	0	8,080,000	0	8,080,000
Total Funding Sources	0	0	0	0	0	8,080,000	0	8,080,000

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Construct a 6 ft. wide perimeter walking track at Leftwich Park. The project will include a concrete walking track, irrigation renovation, drainage modifications, ADA parking, earthwork, turf, benches, and picnic units.

Project Justification

The addition of walking tracks in parks is the 2nd highest priority in the 2011 Parks, Recreation and Open Space Master Plan. The neighborhood around Leftwich Park has requested a walking track for many years.

Project History

The Project has been considered for the bond election project list. The Project has the support of the Boy's and Girls Club of Lubbock.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	1,113,033	0	0	0	0	1,113,033
Design and Engineering	0	0	111,303	0	0	0	0	111,303
Total Project Appropriation	0	0	1,224,336	0	0	0	0	1,224,336

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Tax Supported Revenue CO's	0	0	1,224,336	0	0	0	0	1,224,336
Total Funding Sources	0	0	1,224,336	0	0	0	0	1,224,336

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Construction of the parking lot at 19th and Vicksburg Avenue which involves the replacement of 1,411 square yards of degraded asphalt. The parking lot will also feature a 24” curb, an ADA ramp, a driveway, striping and a 6’ pedestrian sidewalk. The City has an agreement with Grace Presbyterian Church to share the cost of the project and maintenance. This development will set the stage for the renovation of the popular walking track the following year.

Project Justification

Requests to upgrade the facilities at the park have been made for many years. The walking track is very popular yet the current condition of the parking lot makes visiting the park difficult. This renovation will help make the park safer and more accessible.

Project History

The project has been considered for the bond election project list.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	77,036	916,133	0	0	0	993,169
Design and Engineering	0	0	0	96,590	0	0	0	96,590
Total Project Appropriation	0	0	77,036	1,012,723	0	0	0	1,089,759

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Tax Supported Revenue CO's	0	0	77,036	0	0	0	0	77,036
FY 2019 Tax Supported Revenue CO's	0	0	0	1,012,723	0	0	0	1,012,723
Total Funding Sources	0	0	77,036	1,012,723	0	0	0	1,089,759

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Improvements to Berl Huffman Softball Complex including replacement of the existing concession, restroom and press box building. Complimentary work will be required to build back the area of the spectator seating.

Project Justification

Berl Huffman Softball Complex was built in 1979. The Huffman Softball Field Complex is used by City leagues and hosts tournaments. The current facility does not accommodate the crowds that attend the games. The existing facilities are not as functional or user friendly as those provided at the new or recently renovated ball field complexes. Improvements to the facilities will provide equality among all baseball softball leagues.

Project History

Berl Huffman Softball Complex was built in 1979. This will be the first replacement/renovation project for this portion of the facility.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	2,355,600	1,570,400	0	0	0	3,926,000
Design and Engineering	0	0	109,928	164,892	0	0	0	274,820
Total Project Appropriation	0	0	2,465,528	1,735,292	0	0	0	4,200,820

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Tax Supported Revenue CO's	0	0	2,465,528	0	0	0	0	2,465,528
FY 2019 Tax Supported Revenue CO's	0	0	0	1,735,292	0	0	0	1,735,292
Total Funding Sources	0	0	2,465,528	1,735,292	0	0	0	4,200,820

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

The project provides a responsible alternative to the existing landscape by utilizing crushed stone on two thirds of the median surfaces with one third being plant beds covered with large cobbles. The plant beds will be irrigated to provide the drought tolerant plant material with necessary moisture. The irrigation system will be replaced with a central controlled system that will be supplied from adjacent alleys which will relocate the meters, backflow devices, and clocks out of the medians. The replacement of turf will decrease the water consumption in the median by more than one third.

Project Justification

The pipeline construction to Lake Alan Henry has provided the City with an additional water source, but it does not totally replace the Lake Meredith water supply. In addition, the national weather forecasts predict that the drought will continue. The City of Lubbock continues to strive to be efficient with water usage in order to conserve water and reduce overall demand. The conversion of the University and Indiana Avenue medians to xeriscape is the responsible alternative to the existing landscape.

Project History

University and Indiana Ave Medians were installed in the 1984. They are currently irrigated turf grass with an occasional tree. The current irrigation system is made up of twenty-one individual meters that are controlled with twenty-one individual manually set irrigation clocks. This is not an efficient means of maintaining the ROW.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	665,902	300,000	0	0	0	965,902
Design and Engineering	0	0	95,590	0	0	0	0	95,590
Total Project Appropriation	0	0	761,492	300,000	0	0	0	1,061,492

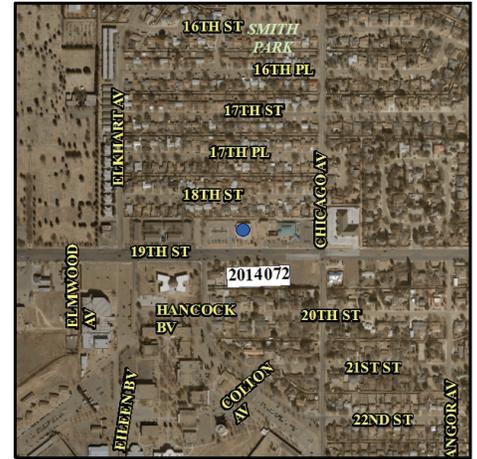
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 General Fund Pay-As-You-Go	0	0	761,492	0	0	0	0	761,492
FY 2019 General Fund Pay-As-You-Go	0	0	0	300,000	0	0	0	300,000
Total Funding Sources	0	0	761,492	300,000	0	0	0	1,061,492

Managing Department **Groves Library**

Project Manager **George Lisenbe**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

The project provides for the renovations of the Groves Branch Library. The renovations include new floor covering, painting, HVAC replacements and a new roof system. Minor electrical will also be included.

Project Justification

The Groves Brach Library was constructed around 1995. There have been no major renovations to this facility since it's construction. Due to the heavy use of the facility, most systems and equipment will have a shorter than normal life cycle. Most systems and equipment of this facility have reached the end of their life cycles.

Project History

This facility was constructed around 1995 to provide library functions for the citizens of north-west Lubbock.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	690,000	0	0	0	0	690,000
Construction Management Support	0	0	0	0	0	0	0	0
Design and Engineering	0	0	50,000	0	0	0	0	50,000
Total Project Appropriation	0	0	740,000	0	0	0	0	740,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Tax Supported Revenue CO's	0	0	740,000	0	0	0	0	740,000
Total Funding Sources	0	0	740,000	0	0	0	0	740,000

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

The project will compliment the installation of a pre-cast concrete restroom at Mackenzie Park, east of the Amphitheater. The system will irrigate the area of the natural topography which is above the natural subsurface irrigated turf in the Mackenzie Recreational Area. This area is utilized at events such as the annual 4th on Broadway, Santa Land, and disc golf events. The project will complement the development of the area adjacent to the restroom and playground and disc golf course.

Project Justification

The Mackenzie Restroom project responds to the Goals for Lubbock, A Vision into the 21st Century; Economic Development Goal #5, Land Use and Urban Design Goal #6, and Recreation, Parks, Entertainment, & Cultural Affairs Goals #1, 3, 4, & 5, Lubbock Comprehensive Parks, Recreation and Open Space Master Plan, 1998 and Canyon Lakes Master Plan. This project responds to the City Council goals and policies to improve infrastructure maintenance and enhance the quality of life. The project will complement the development of the area adjacent to the restroom, playground and disc golf course.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	479,716	0	0	479,716
Design and Engineering	0	0	0	0	47,972	0	0	47,972
Total Project Appropriation	0	0	0	0	527,688	0	0	527,688

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	527,688	0	0	527,688
Total Funding Sources	0	0	0	0	527,688	0	0	527,688

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

The project replaces the existing filtration and circulation system, improves the existing bath house with the addition of a covered roof, restroom and shower area renovations, lockers, replace rusted doors, security improvements at the entrance and replacement of the spectator seating area.

Project Justification

Clapp Pool was built in 1953. The existing filtration and circulation system is not as efficient as a modern system. Improvements to the system will provide quality water with efficient treatment and filtration methods. Renovations to the bath house will prohibit rain water from entering the bath house, provide a clean and maintainable facility and provide security enhancements for staff and patrons.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	2,264,708	1,735,292	0	0	4,000,000
Total Project Appropriation	0	0	0	2,264,708	1,735,292	0	0	4,000,000

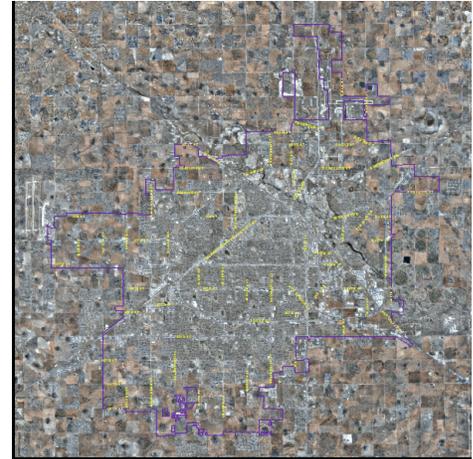
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 Tax Supported Revenue CO's	0	0	0	2,264,708	0	0	0	2,264,708
FY 2020 Tax Supported Revenue CO's	0	0	0	0	1,735,292	0	0	1,735,292
Total Funding Sources	0	0	0	2,264,708	1,735,292	0	0	4,000,000

Managing Department **Parks & Recreation**

Project Manager **Lionel Plummer**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

The project includes replacing the fencing at all community swimming pools, new AquaClimb Glacier walls at Clapp, Maxey, and Simmons pools, a 20 ft. tower slide at Maxey pool, and the conversion of the existing baby pool at Montelongo into a splash pad.

Project Justification

The existing fencing at the city pools is prone to vandalism and is constantly needing repair due to trespassers. The new fencing is made of aluminum, a more durable material than wood, and is designed in a way that discourages trespassers. In addition to making the pools more secure, the addition of new amenities like the climbing walls, slide, and splash pad at the most popular pools will further increase activity, as well as, make these pools into a fun destination.

Project History

Most of the swimming pools the City operates were built in the 1950's. Aquatic activities are trending toward more active water play and less lap-swimming. In addition, the current fencing is deteriorating and is easily climbable, leading to trespass situations.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	971,000	0	0	0	0	971,000
Design and Engineering	0	0	53,405	0	0	0	0	53,405
Total Project Appropriation	0	0	1,024,405	0	0	0	0	1,024,405

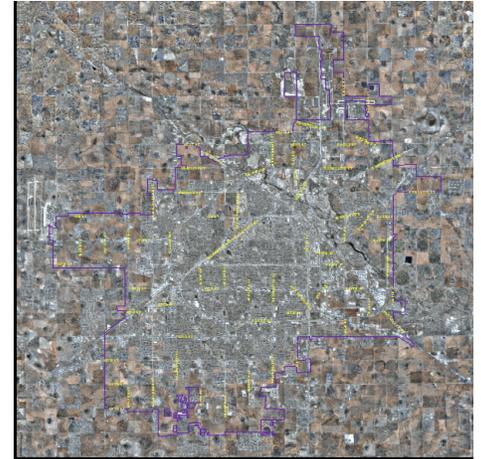
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 General Fund	0	0	1,024,405	0	0	0	0	1,024,405
Pay-As-You-Go	0	0	0	0	0	0	0	0
Total Funding Sources	0	0	1,024,405	0	0	0	0	1,024,405

Managing Department **Park & Recreation**

Project Manager **Lionel Plummer**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

The project is to create a two-mile nature trail in McAlister Park that winds through 182 acres of native vegetation, including areas of wildflowers, upland grasses, and a wetland community. Phase I of the project will include soil amendments and preparation, extending existing irrigation to service the necessary acreage, seeding for all vegetative areas, and mowing for trail delineation.

Project Justification

McAlister Park is a 272 acre green space which currently utilizes only 14% of the park's land. The new nature trail will develop an additional 182 acres in order to beautify the area, promote further usability, and educate through the use of native plantings. The 2011 Parks and Recreation Master Plan outlined several development priorities for each city zone and a timeline for such developments. Nature trails were identified by citizens as a top priority in zones one and three and were given a development timeframe of three to five years. McAlister Park, which is located in zone three, was specifically mentioned. Due to the growing development in the area, in addition to the numerous acres of undeveloped land, McAlister serves as a prime location for a new nature trail. Not only will it increase park activity, the McAlister Nature Trail has the potential to become a source of community identity and pride.

Project History

McAlister Park development resulted from a Texas Parks and Wildlife grant in 1983. Development of this regional park has included ballfields, horseshoe pitches, a BMX track, a skate park, a Hummer track, bird watching structures, a disc golf course, and a lake. In 2010, public comment and citizen surveys were completed in order to develop the 2011 Parks, Recreation and Open Space Master Plan. Comments were submitted in regards to the future development of McAlister Park. The citizens' requests included passive recreation activities at McAlister Park such as wildlife viewing, nature programs and native habitat areas. The requested activities parallel the existing master plan for McAlister Park. Texas Parks and Wildlife has funded bird watching blinds at the Park.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	0	0	56,000	0	0	0	0	56,000
Landscaping	0	0	387,000	0	0	0	0	387,000
Total Project Appropriation	0	0	443,000	0	0	0	0	443,000

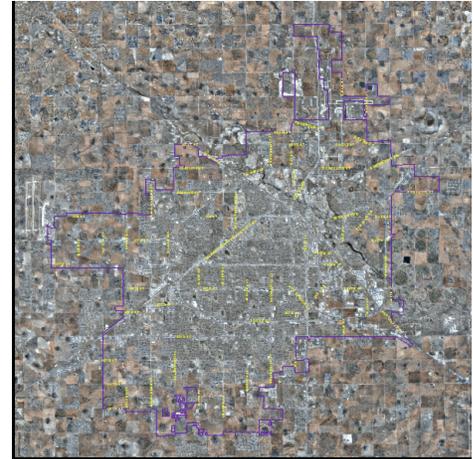
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 General Fund	0	0	443,000	0	0	0	0	443,000
Pay-As-You-Go	0	0	443,000	0	0	0	0	443,000
Total Funding Sources	0	0	443,000	0	0	0	0	443,000

Managing Department **Parks & Recreation**

Project Manager **Lionel Plummer**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

Completely redoing the model airport runway including milling of existing runway and relaying new asphalt.

Project Justification

The entire runway at Davis Field is cracked and in such disrepair that it causes damages to model airplanes when landing. These necessary repairs would greatly benefit and support the avid community who uses the facility every weekend.

Project History

The Col. George Davis Field began as a heliport owned by Reese Air Force Base. The Federal Government deeded the land to the city in 1976. Since then, it has been used as a place to operate model aircraft. Amenities have included bleachers, an asphalt runway, and fencing.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	150,300	0	0	0	150,300
Design and Engineering	0	0	0	18,036	0	0	0	18,036
Total Project Appropriation	0	0	0	168,336	0	0	0	168,336

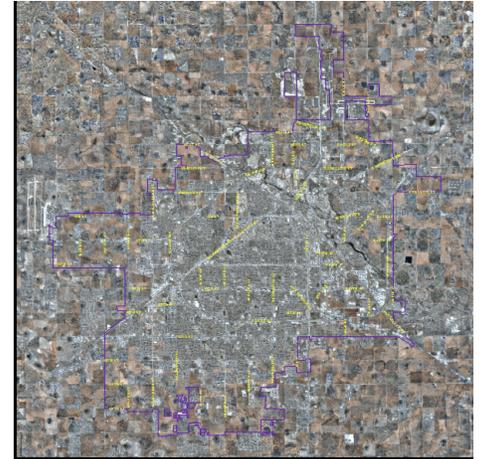
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 General Fund	0	0	0	168,336	0	0	0	168,336
Pay-As-You-Go								
Total Funding Sources	0	0	0	168,336	0	0	0	168,336

Managing Department **Parks & Recreation**

Project Manager **Lionel Plummer**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

The project is to create a two-mile nature trail in McAlister Park that winds through 182 acres of native vegetation, including areas of wildflowers, upland grasses, and a wetland community. After the plant communities have been established, Phase II includes planting trees and implementing a more permanent trail using decomposed granite or similar material.

Project Justification

The new nature trail increases the amount of semi-developed park land meant to beautify the area, promote further usability, and educate through the use of native plantings. The 2011 Parks and Recreation Master Plan outlined several development priorities for each city zone and a timeline for such developments. Nature trails were identified by citizens as a top priority in zones one and three and were given a development timeframe of three to five years. McAlister Park, which is located in zone three, was specifically mentioned. Due to the growing development in the area, in addition to the numerous acres of undeveloped land, McAlister serves as a prime location for a new nature trail. Not only will it increase park activity, the McAlister Nature Trail has the potential to become a source of community identity and pride.

Project History

McAlister Park development resulted from a Texas Parks and Wildlife grant in 1983. Development of this regional park has included ballfields, horseshoe pitches, a BMX track, a skate park, a Hummer track, bird watching structures, a disc golf course, and a lake. In 2010, public comment and citizen surveys were completed in order to develop the 2011 Parks, Recreation and Open Space Master Plan. Comments were submitted in regards to the future development of McAlister Park. The citizens’ requests included passive recreation activities at McAlister Park such as wildlife viewing, nature programs and native habitat areas. The requested activities parallel the existing master plan for McAlister Park. Texas Parks and Wildlife has funded bird watching blinds at the Park.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	440,000	0	0	0	440,000
Design and Engineering	0	0	0	25,000	0	0	0	25,000
Total Project Appropriation	0	0	0	465,000	0	0	0	465,000

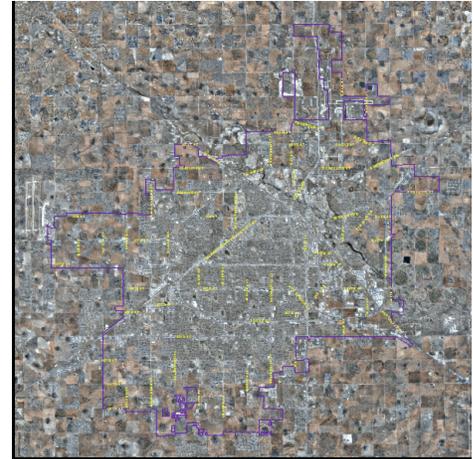
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 General Fund	0	0	0	465,000	0	0	0	465,000
Pay-As-You-Go								
Total Funding Sources	0	0	0	465,000	0	0	0	465,000

Managing Department **Cultural Arts Services**

Project Manager **George Lisenbe**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Work will include replacement or covering the exposed wooden structures with metal. Plaster will be repaired and the brick will be repointed/sealed.

Project Justification

The exterior of the facility is in need of extensive repairs. If not addressed, deterioration will continue to damage the main structure.

Project History

The GAC was constructed in the early 1960's. Most of these components are original and need to be repaired/replaced to allow for many more years of use.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	160,000	0	0	0	0	160,000
Design and Engineering	0	0	17,000	0	0	0	0	17,000
Total Project Appropriation	0	0	177,000	0	0	0	0	177,000

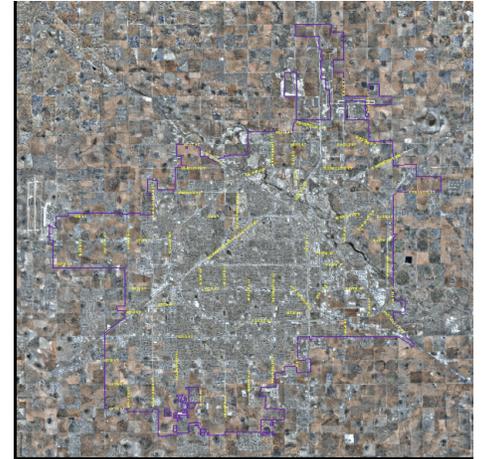
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 General Fund Pay-As-You-Go	0	0	177,000	0	0	0	0	177,000
Total Funding Sources	0	0	177,000	0	0	0	0	177,000

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Stumpy Hamilton Park is located between Avenue X and Avenue W and is bound to the south by 23rd Street and by the alley of 21st Street to the north. 22nd Street, which is a neighborhood collector, bisects the park. A neighborhood association, Heart of Lubbock, wants the city to redevelop the park. Their idea is designed around the proposal to close 22nd Street at Avenue X to provide a cul-de-sac turnaround area within the park. Phase II includes added amenities, a walking & jogging trail, benches, picnic tables, a community stage, pavilion, splash pad, and a water-wise garden. Finally, a landscaped entry sign, new landscaped planting beds, trees, public art installations, and a fence along the northern boundary complete the design.

Project Justification

Redeveloping Stumpy Hamilton Park has been a priority for the Heart of Lubbock Neighborhood Association. The neighborhood is asking for the street closure in order to eliminate vehicular traffic through the park, creating a more suitable site for future improvements and added amenities.

Project History

Originally, \$198,290 was intended for a new playground. However, the Heart of Lubbock Neighborhood Association requested other amenities for the park, including road closure. In 2015, a Town Hall Meeting was held by Councilman Hernandez and a majority of those present voted for closure of Avenue X at 22nd Street.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	3,610,616	0	0	0	0	3,610,616
Design and Engineering	0	0	210,142	0	0	0	0	210,142
Total Project Appropriation	0	0	3,820,758	0	0	0	0	3,820,758

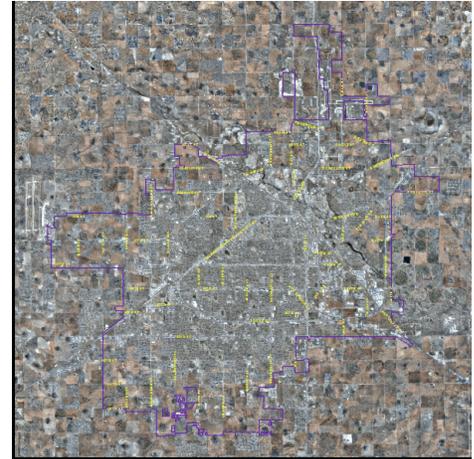
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Tax Supported Revenue CO's	0	0	3,820,758	0	0	0	0	3,820,758
Total Funding Sources	0	0	3,820,758	0	0	0	0	3,820,758

Managing Department **Park Development**

Project Manager **Lionel Plummer**

Project Classification **New Equipment/Fleet**

Project Status **Requested**



Project Scope

The project includes adding new colorful, metal, multi-activity playgrounds for park users of all ages with perimeter sidewalks and durable safety surfacing at Lubbock Youth Sport Complex, Berl Huffman, MLK, and Northwest Little League Baseball Fields.

Project Justification

Project History

The city has provided league ballfields since the 1960s. Amenities have included restrooms, concessions, and press boxes.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	706,376	0	0	706,376
Design and Engineering	0	0	0	0	41,112	0	0	41,112
Total Project Appropriation	0	0	0	0	747,488	0	0	747,488

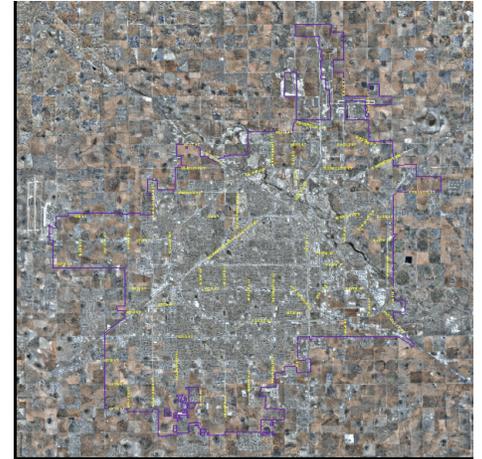
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2020 Tax Supported Revenue CO's	0	0	0	0	747,488	0	0	747,488
Total Funding Sources	0	0	0	0	747,488	0	0	747,488

Managing Department **Park Maintenance**

Project Manager **Lionel Plummer**

Project Classification **New Facility**

Project Status **Requested**



Project Scope

Construct open-air park pavilions for McCullough and Chatman Parks in 2017-18, Guy and Davis Parks in 2018-19, Lake 6 and Davies Parks in 2019-20, Lake 1 and Rogers Parks in 2020-21, Furr (Pioneer) and Hoel Parks in 2021-22, Overton and Washington Parks in 2022-23, Canyon Rim and Neugebauer Parks in 2023-24, and Berry and Mackenzie Parks in 2024-25.

Project Justification

Park Pavilions are one of the most popular features in city parks. Pavilion rentals are a valuable revenue source. Throughout a given year, 25-30% of the pavilions are continuously rented. On holidays such as Easter weekend and the 4th of July, every single park pavilion is rented, and there is a demand for more available pavilions to rent. The Park Pavilion replacement capital project is important as it replaces older pavilions with new, state-of-the-art, low-maintenance structures designed to last for at least 20 years. The pavilions are prioritized for replacement based on age and condition. Currently, the old pavilions being replaced are site-built wooden structures that were erected by the Parks Maintenance staff in the late 1980's to early 1990's. The structures are sagging and are soon to become a potential safety risk. The replacement pavilion is a factory-built steel structure with durable powder coating and rust-proofing inside and out. Built to prevent bird nesting, it features a durable standing seam metal roof laid over tongue-and-groove decking. They are assembled on site by factory-certified installers.

Project History

The following parks have been completed: Cooke, Duran, Lopez, Reagan, Ribble, Sims, strong, Underwood, Burns, Miller, Wagner, Smith, Ratliff, and Hinojosa.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	468,807	501,352	536,737	571,695	608,855	2,687,446
Construction Management Support	0	0	9,845	10,534	11,271	12,046	12,865	56,561
Design and Engineering	0	0	24,846	26,586	28,447	30,697	33,122	143,698
Total Project Appropriation	0	0	503,498	538,472	576,455	614,438	654,842	2,887,705

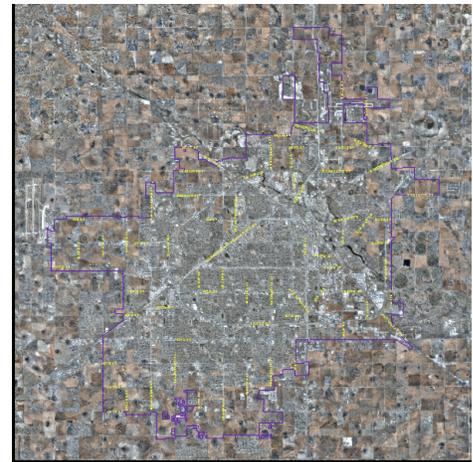
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Tax Supported Revenue CO's	0	0	503,498	0	0	0	0	503,498
FY 2019 Tax Supported Revenue CO's	0	0	0	538,472	0	0	0	538,472
FY 2020 Tax Supported Revenue CO's	0	0	0	0	576,455	0	0	576,455
FY 2021 Tax Supported Revenue CO's	0	0	0	0	0	614,438	0	614,438
FY 2022 Tax Supported Revenue CO's	0	0	0	0	0	0	654,842	654,842
Total Funding Sources	0	0	503,498	538,472	576,455	614,438	654,842	2,887,705

Managing Department **Park Maintenance**

Project Manager **Lionel Plummer**

Project Classification **Replacement Facility**

Project Status **Requested**



Project Scope

Replace old, worn, weathered, cracked and rusted playground equipment with new colorful metal, multi-activity playgrounds for users of all ages. Replacement includes installation of perimeter sidewalks and resilient safety surfacing. Playground replacements are requested in the following order: Stevens and Crow parks in 2017-18, Lusk and Washington parks in 2018-19, Rogers, Butler, and Carter parks in 2019-20, Casey, Smith, and Higginbotham parks in 2020-21, Dupree and Mahon parks in 2021-22, North and South Mackenzie parks in 2022-23, and Wheelock, Carlisle, and Cooke parks in 2023-24.

Project Justification

Park playgrounds have a life span of 20 years. Priorities for replacement in the playground inventory are based on age and condition. Currently, the oldest, most worn playgrounds are 22 years old. With replacement parts being difficult or impossible to find, damaged or missing play components are barricaded, resulting in greatly diminished play value and unsightliness, but necessary for safety reasons. Parking and "accessible routes" to these playgrounds do not comply with current ADA standards in many cases. Photographic documentation of these cases is available.

Project History

Most of the playgrounds in Lubbock parks are over 20 years old. Woods, Hollins, Burns, Guadalupe, Berry, Maxey, Stubbs, Kastman, Ratliff, Chatman, Hinojosa, Hoel, Clapp, and Simmons Parks have recently been replaced.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	897,750	1,039,500	1,134,000	1,236,060	1,347,305	5,654,615
Design and Engineering	0	0	52,250	60,500	66,000	71,940	78,415	329,105
Total Project Appropriation	0	0	950,000	1,100,000	1,200,000	1,308,000	1,425,720	5,983,720

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Tax Supported Revenue CO's	0	0	950,000	0	0	0	0	950,000
FY 2019 Tax Supported Revenue CO's	0	0	0	1,100,000	0	0	0	1,100,000
FY 2020 Tax Supported Revenue CO's	0	0	0	0	1,200,000	0	0	1,200,000
FY 2021 Tax Supported Revenue CO's	0	0	0	0	0	1,308,000	0	1,308,000
FY 2022 Tax Supported Revenue CO's	0	0	0	0	0	0	1,425,720	1,425,720
Total Funding Sources	0	0	950,000	1,100,000	1,200,000	1,308,000	1,425,720	5,983,720

Public Safety and Health Services

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
92348 New Fire Station #1	5,095,000	0	0	0	0	0	0	5,095,000
92366 Emergency Operations Center	6,728,800	0	0	0	0	0	0	6,728,800
92367 Municipal Square Repairs	688,000	210,000	125,000	75,000	50,000	50,000	0	1,198,000
2016172 Major Repairs at Fire Facilities Phase II	0	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Total Public Safety and Health Services	12,511,800	510,000	425,000	375,000	350,000	350,000	300,000	14,821,800

Public Safety and Health Services

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2014 General Fund Pay-As-You-Go	330,000	0	0	0	0	0	0	330,000
FY 2015 General Fund Pay-As-You-Go	300,000	0	0	0	0	0	0	300,000
FY 2015 Tax Supported Revenue CO's	5,423,800	0	0	0	0	0	0	5,423,800
FY 2016 General Fund Pay-As-You-Go	388,000	0	0	0	0	0	0	388,000
FY 2016 Tax Supported Revenue CO's	6,070,000	0	0	0	0	0	0	6,070,000
FY 2017 General Fund Pay-As-You-Go	0	510,000	0	0	0	0	0	510,000
FY 2018 General Fund Pay-As-You-Go	0	0	425,000	0	0	0	0	425,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	375,000	0	0	0	375,000
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	350,000	0	0	350,000
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	350,000	0	350,000
FY 2022 General Fund Pay-As-You-Go	0	0	0	0	0	0	300,000	300,000
Total Public Safety and Health Services	12,511,800	510,000	425,000	375,000	350,000	350,000	300,000	14,821,800

Managing Department **Facilities Management**

Project Manager **George Lisenbe**

Project Classification **New Facility**

Project Status **Approved**



Project Scope

Construction of a new Fire Station #1 at 1902 Texas Avenue. The new station will be similar in size to the existing Fire Station no. 1 that is located at 1202 18th, but will be a single story station instead of a 2-story station.

FY 2015-16 Fire Station work in progress. Completion set for Fall 2016.

Project Justification

The current station is out dated and does not allow for the proper housing of modern engines the fire department now incorporates in its fleet. The City now uses pull through stations in all of its new stations as opposed to backing the engines into the station. The two story layout is not as efficient as a one story station. The apparatus bay door heights do not accommodate a modern ladder truck. The size of the site is smaller than other stations resulting in insufficient parking for staff. The marbled concrete exterior walls and joints have deteriorated beyond reasonable repair and contributes to a water penetration issue with the building.

Project History

This station was built in 1979 and has not aged well. The changes in the design of firefighting equipment has made it difficult to upgrade the equipment for the station due to the design of the building. It has outlived its useful life.

\$330,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-00087, September 10, 2013.

\$4,765,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	4,300,000	0	0	0	0	0	0	4,300,000
Construction Management Support	165,000	0	0	0	0	0	0	165,000
Design and Engineering	330,000	0	0	0	0	0	0	330,000
Furnishings	200,000	0	0	0	0	0	0	200,000
Other Activities	100,000	0	0	0	0	0	0	100,000
Total Project Appropriation	5,095,000	0	0	0	0	0	0	5,095,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2014 General Fund	330,000	0	0	0	0	0	0	330,000
Pay-As-You-Go								
FY 2015 Tax Supported Revenue CO's	4,765,000	0	0	0	0	0	0	4,765,000
Total Funding Sources	5,095,000	0	0	0	0	0	0	5,095,000

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	6,070,000	0	0	0	0	0	0	6,070,000
Design and Engineering	658,800	0	0	0	0	0	0	658,800
Total Project Appropriation	6,728,800	0	0	0	0	0	0	6,728,800

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Tax Supported Revenue CO's	658,800	0	0	0	0	0	0	658,800
FY 2016 Tax Supported Revenue CO's	6,070,000	0	0	0	0	0	0	6,070,000
Total Funding Sources	6,728,800	0	0	0	0	0	0	6,728,800

Managing Department **Facilities Management**

Project Manager **George Lisenbe**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

The project will fund repairs for Municipal Square as needed to maintain the facility in usable condition until a new facility can be constructed to house the police department and other departments located in the building.

In FY 2015-16, the restrooms on the 1st and 2nd floors were repaired. Also, several areas were converted into office space.

FY 2016-17 funding will be used to provide back up cooling for the server room and repairs to the two elevators serving the Police Department.

Project Justification

The current location is inadequate and out dated for the Police Department operations in both size and efficiency. In addition, there are many code, environmental and TAS issues associated with the facility. Also, many of the facilities systems, such as HVAC, plumbing, electrical and elevators are at or nearing the end of their expectant life cycles.

The Police Department is in the process of finding a new location for their operations. Until this new location can be found and new facility can be constructed, the Police Department must remain in their current location. In order to improve the safety and efficiency of the Department’s operation, Municipal Square must be renovated.

Project History

The original Municipal Square facility is actually composed of 4 different structures covering the entire block bounded by 9th street on the North, Texas Avenue on the East, 10th Street on the South and Avenue J on the West. Most of these structures are dated pre-1960. The current configuration dates to the early 1960's when the City of Lubbock’s main offices were housed in this location. When the Municipal Building (City Hall) was opened around 1984, the Police Department and a few other Departments remained. Over the years, basically the Police, City Prosecutor’s Office, and Traffic Engineering departments are all that remain at this location.

Municipal Square has been renovated several times since the mid 1990’s. Only one area of the facility was renovated at a time to accommodate minimal disruption to Police activities. It is estimated that roughly ½ of the facility has not been renovated as of November 2013. Based on industry standards, the last renovation that took place now needs to be considered for renovation/updates again. Most areas are outdated, have potential code, environmental and TAS issues. Current lay-outs are inefficient, congested and not very employee/customer friendly.

\$300,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

\$388,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	512,000	200,000	120,000	70,000	45,000	45,000	0	992,000
Construction Management Support	56,000	0	0	0	0	0	0	56,000
Design and Engineering	120,000	10,000	5,000	5,000	5,000	5,000	0	150,000
Total Project Appropriation	688,000	210,000	125,000	75,000	50,000	50,000	0	1,198,000

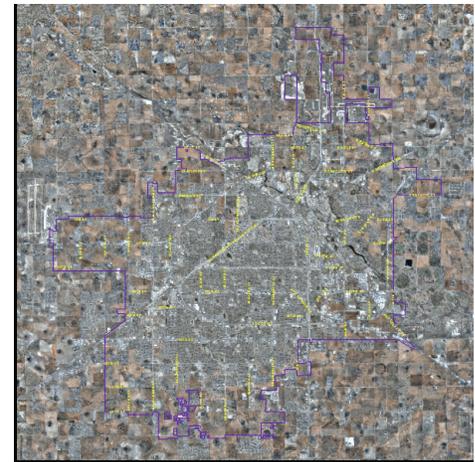
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 General Fund Pay-As-You-Go	300,000	0	0	0	0	0	0	300,000
FY 2016 General Fund Pay-As-You-Go	388,000	0	0	0	0	0	0	388,000
FY 2017 General Fund Pay-As-You-Go	0	210,000	0	0	0	0	0	210,000
FY 2018 General Fund Pay-As-You-Go	0	0	125,000	0	0	0	0	125,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	75,000	0	0	0	75,000
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	50,000	0	0	50,000
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	50,000	0	50,000
Total Funding Sources	688,000	210,000	125,000	75,000	50,000	50,000	0	1,198,000

Managing Department **Facilities Management**

Project Manager **Wesley Everett**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

Perform major repairs to existing fire facilities including 19 Fire Stations and the Fire Marshall's Office. The project includes painting, floor covering, plumbing, electrical, minor new construction, HVAC, and other related items. The project includes properly sealing the masonry blocks and other exterior surfaces and refinishing and sealing the exterior doors of the training tower to prevent further water intrusion and replacement of the roof on the burn house with a metal roof system including new metal rafters. Funding for FY 2016-17 will be used for renovations at Fire Station No. 8 and Fire Station No. 12 along with the normal larger repairs of the Fire Department facilities.

Project Justification

Due to the age, condition, and continual occupancy of the fire stations, renovations and maintenance of the City's 19 fire stations protects Lubbock's investment in each facility. The project remedies significant problems at existing fire stations before they become larger. The repair of the training tower will halt water intrusion that will lead to structural damage. The roof on the burn house has outlived its useful life due to the heat and smoke generated from the training facility and replacement will prevent structural damage to the facility.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Total Project Appropriation	0	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 General Fund	0	300,000	0	0	0	0	0	300,000
Pay-As-You-Go								
FY 2018 General Fund	0	0	300,000	0	0	0	0	300,000
Pay-As-You-Go								
FY 2019 General Fund	0	0	0	300,000	0	0	0	300,000
Pay-As-You-Go								
FY 2020 General Fund	0	0	0	0	300,000	0	0	300,000
Pay-As-You-Go								
FY 2021 General Fund	0	0	0	0	0	300,000	0	300,000
Pay-As-You-Go								
FY 2022 General Fund	0	0	0	0	0	0	300,000	300,000
Pay-As-You-Go								
Total Funding Sources	0	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000

Public Works

Appropriation Summary

	Project Name	Appropriation to Date	Unappropriated Planning Years					Total Appropriation	
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21		FY 2021-22
8563	Sign Upgrades and Replacement	498,634	0	0	0	0	0	0	498,634
8604	Thoroughfare Plan Restudy	125,000	0	125,000	0	0	0	0	250,000
8605	Bicycle Plan Restudy	75,000	0	0	0	0	0	0	75,000
90095	North University Enhancement Project	1,914,229	0	0	0	0	0	0	1,914,229
92216	Traffic Signal Upgrades	4,750,000	0	0	0	0	0	0	4,750,000
92217	34th Street Reconstruct.-Quaker to Ave. Q	22,557,200	0	0	0	0	0	0	22,557,200
92322	Erskine Street - Indiana Avenue to Quaker Avenue	8,670,000	350,000	0	0	0	0	0	9,020,000
92349	Communications System Expansion	1,050,000	0	350,000	350,000	350,000	350,000	350,000	2,800,000
92370	Transportation Improvements	500,000	0	250,000	250,000	250,000	250,000	250,000	1,750,000
92420	34th Street - Quaker Avenue to Slide Road	0	0	8,800,000	0	0	0	0	8,800,000
2014091	East 66th Street - MLK to East Loop 289	0	0	0	4,700,000	0	0	0	4,700,000
2014093	34th Street - Avenue Q to Interstate 27	0	0	0	8,700,000	0	0	0	8,700,000
2014094	Upland Avenue - US 62/82 to 82nd Street	0	0	0	900,000	9,800,000	0	0	10,700,000
2014095	Milwaukee Avenue - Erskine Street to 4th Street	0	0	0	0	0	0	9,300,000	9,300,000
2016059	Backup Power at Signalized Intersections	0	0	100,000	100,000	100,000	100,000	100,000	500,000
2016079	98th Street from Upland Avenue to Milwaukee Avenue	0	3,200,000	0	0	0	0	0	3,200,000
2016086	Right-of-Way Acquisition Ahead of Paving	0	0	125,000	125,000	125,000	125,000	125,000	625,000
2016087	Upland Avenue from 82nd Street to 98th Street	0	0	0	0	0	7,050,000	0	7,050,000
2016163	Outer Route Right-of-Way and Utility Adjustments	0	0	9,000,000	0	0	0	0	9,000,000
2016170	Traffic Signals/Controllers Phase II	0	0	300,000	300,000	300,000	300,000	300,000	1,500,000
2016171	Street Maintenance Program Phase II	0	7,000,000	10,200,000	10,400,000	10,500,000	10,700,000	10,800,000	59,600,000
Total	Public Works	40,140,063	10,550,000	29,250,000	25,825,000	21,425,000	18,875,000	21,225,000	167,290,063

Public Works

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
2001 General Obligation Bonds	483,504	0	0	0	0	0	0	483,504
2003 General Obligation Bonds	16,496	0	0	0	0	0	0	16,496
2005 General Obligation Bonds	11,606	0	0	0	0	0	0	11,606
Federal Grant Funding	6,514,061	0	0	0	0	0	0	6,514,061
FY 2006 Tax Supported CO's	49,425	0	0	0	0	0	0	49,425
FY 2007 General Obligation Bonds	5,651	0	0	0	0	0	0	5,651
FY 2007 Tax Supported Revenue CO's	55,471	0	0	0	0	0	0	55,471
FY 2009 General Obligation Bonds	750,000	0	0	0	0	0	0	750,000
FY 2009 Tax Supported Revenue CO's	421	0	0	0	0	0	0	421
FY 2010 General Obligation Bonds	6,457,200	0	0	0	0	0	0	6,457,200
FY 2011 General Obligation Bonds	5,125,000	0	0	0	0	0	0	5,125,000
FY 2011 Tax Supported Revenue CO's	412,011	0	0	0	0	0	0	412,011
FY 2012 General Obligation Bonds	10,000,000	0	0	0	0	0	0	10,000,000
FY 2013 General Obligation Bonds	5,725,000	0	0	0	0	0	0	5,725,000
FY 2014 Tax Supported Revenue CO's	500,000	0	0	0	0	0	0	500,000
FY 2015 General Fund Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2015 Tax Supported Revenue CO's	350,000	0	0	0	0	0	0	350,000
FY 2016 General Fund Pay-As-You-Go	450,000	0	0	0	0	0	0	450,000
FY 2016 Tax Supported Revenue CO's	1,828,515	0	0	0	0	0	0	1,828,515
FY 2017 10-Year Tax Revenue CO's	0	7,000,000	0	0	0	0	0	7,000,000
FY 2017 Tax Supported Revenue CO's	0	3,550,000	0	0	0	0	0	3,550,000
FY 2018 10-Year Tax Revenue CO's	0	0	10,200,000	0	0	0	0	10,200,000
FY 2018 General Fund Pay-As-You-Go	0	0	900,000	0	0	0	0	900,000
FY 2018 Tax Supported Revenue CO's	0	0	18,150,000	0	0	0	0	18,150,000
FY 2019 10-Year Tax Revenue CO's	0	0	0	10,400,000	0	0	0	10,400,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	775,000	0	0	0	775,000
FY 2019 Tax Supported Revenue CO's	0	0	0	14,650,000	0	0	0	14,650,000
FY 2020 10-Year Tax Revenue CO's	0	0	0	0	10,500,000	0	0	10,500,000
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	775,000	0	0	775,000
FY 2020 Tax Supported Revenue CO's	0	0	0	0	10,150,000	0	0	10,150,000
FY 2021 10-Year Tax Revenue CO's	0	0	0	0	0	10,700,000	0	10,700,000
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	775,000	0	775,000
FY 2021 Tax Supported Revenue CO's	0	0	0	0	0	7,400,000	0	7,400,000
FY 2022 10-Year Tax Revenue CO's	0	0	0	0	0	0	10,800,000	10,800,000
FY 2022 General Fund Pay-As-You-Go	0	0	0	0	0	0	775,000	775,000
FY 2022 Tax Supported Revenue CO's	0	0	0	0	0	0	9,650,000	9,650,000
Public Works Capital Project Fund	200,000	0	0	0	0	0	0	200,000
State Grant Funds	477,424	0	0	0	0	0	0	477,424
TxDOT Participation	478,278	0	0	0	0	0	0	478,278

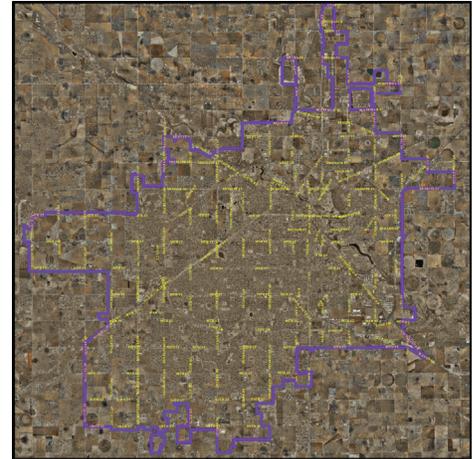
Total	Public Works	40,140,063	10,550,000	29,250,000	25,825,000	21,425,000	18,875,000	21,225,000	167,290,063
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Managing Department **Traffic Engineering**

Project Manager **Sharmon Owens**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

This project is for the upgrade and replacement of regulatory and school zone signs and pavement markings. The signs will include upgrade of the existing sign poles to the new "slip base" standard. Pavement markings include crosswalks, stop bars, raised pavement markings, pavement symbols, etc.

Project Justification

School signs have not been upgraded since the yellow-green color was implemented. Speed Limit signs have not been replaced for 5-7 years, except when hit or other damage required maintenance. The new sign posts are square with a break-away base. The square posts do not twist in the wind and the break-away base allows maintenance crews to replace the pole more efficiently since the foundation is not ruined when the sign is hit by a vehicle.

Project History

\$174,317 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.

\$174,317 was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.

\$150,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	498,634	0	0	0	0	0	0	498,634
Total Project Appropriation	498,634	0	0	0	0	0	0	498,634

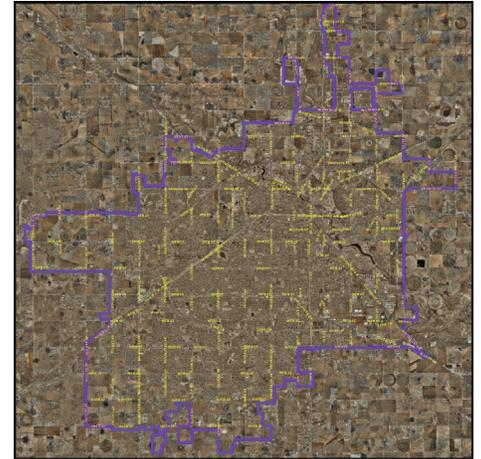
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
2005 General Obligation Bonds	11,606	0	0	0	0	0	0	11,606
FY 2007 General Obligation Bonds	5,651	0	0	0	0	0	0	5,651
FY 2007 Tax Supported Revenue CO's	5,471	0	0	0	0	0	0	5,471
FY 2009 Tax Supported Revenue CO's	421	0	0	0	0	0	0	421
FY 2011 Tax Supported Revenue CO's	325,485	0	0	0	0	0	0	325,485
FY 2014 Tax Supported Revenue CO's	150,000	0	0	0	0	0	0	150,000
Total Funding Sources	498,634	0	0	0	0	0	0	498,634

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **Master Plans/Studies**

Project Status **Approved**



Project Scope

Contract with an Engineering/Planning Firm to perform a comprehensive restudy of the 2007 City of Lubbock Thoroughfare Plan. The project includes reviewing and evaluating the existing plan and performing modeling based on current and long range land use development to determine if there is a need to change planned thoroughfare and collector widths; reviewing the existing standard details for thoroughfares and collector level streets to determine if changes are needed to items such as right-of-way widths, lane widths, left and right turn needs, traffic calming devices and needs for raised medians as well as pedestrian and bicycle elements; reviewing the typical procedures for locating and designating collector level streets and identify locations of continuity conflicts, offsets in section lines and playa lakes, and indicate the location of the alignment needed to provide the corridor continuity. The firm will produce a new “2016 City of Lubbock Thoroughfare Plan”.

Project Justification

The transportation network is the circulatory system of a city, the lifeline of the economy which carries workers, shoppers, materials and finished products to their destinations within the urban environment. As Lubbock experiences increasing commercial, industrial and residential growth and becomes an even larger reception and distribution hub for the South Plains, transportation facilities and internal movement become a greater concerns.

To provide balance between related land use activities, Lubbock’s transportation capacity must be designed to anticipate future transportation demand, eliminate unnecessary traffic movements, and establish a transportation system which adds to rather than detracts from the quality of life. The relationship use to transportation is complex. Different land uses generate varied intensities of traffic, and traffic movement systems influence the development of land use activities.

Recognizing this inter-relationship, the City of Lubbock coordinates land use planning and transportation planning with several major documents adopted by the Planning Commission and City Council. The Lubbock Thoroughfare Plan is a graphical representation of the transportation element of the City’s Lubbock Comprehensive Plan and needs to be restudied to adapt to the City of Lubbock’s changing needs.

Project History

An update to the 2007 City of Lubbock Thoroughfare Plan was proposed and approved for funding through the Lubbock Metropolitan Planning Organization (MPO). An agreement between the City and the MPO was approved by the City Council on December 15, 2010 (Resolution 2010-R0600).

The Request for Qualifications for professional engineering/planning services was advertised and five firms responded with proposals. Following presentations from three of the firms, the Review Committee decided to recommend Kimley-Horn and Associates as the firm to prepare the updated Thoroughfare Plan.

We then received a notification from David Jones of the MPO to stop work on the project by a letter dated May 17, 2011. Because of the reallocation of available Federal Funding going into the MPO, it was determined that the funding was not available for the project.

\$125,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	125,000	0	125,000	0	0	0	0	250,000
Total Project Appropriation	125,000	0	125,000	0	0	0	0	250,000

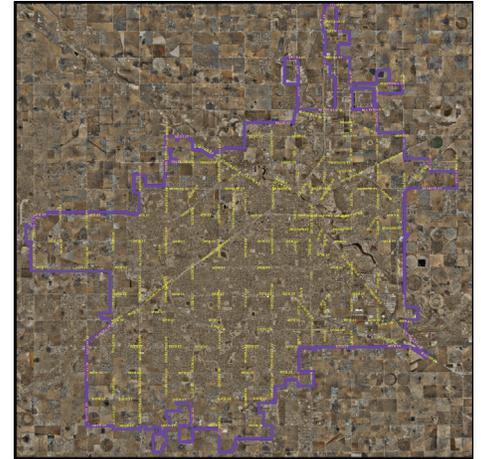
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 General Fund Pay-As-You-Go	125,000	0	0	0	0	0	0	125,000
FY 2018 General Fund Pay-As-You-Go	0	0	125,000	0	0	0	0	125,000
Total Funding Sources	125,000	0	125,000	0	0	0	0	250,000

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **Master Plans/Studies**

Project Status **Approved**



Project Scope

The project will evaluate the progress and direction of the 2007 Lubbock Metropolitan Area Comprehensive Bicycle Plan. Through public meetings, meetings with agency staff and user groups, the restudy will look at the usefulness of the current bicycle routes and future needs of the bicycle groups, and develop a plan to ensure that the City of Lubbock remains sensitive to the needs and goals of the bicycle community.

Project Justification

The City of Lubbock is committed to continue to be a bicycle friendly town. With the advent of new technology that uses a Global Positioning System that cyclists use to map their trips, we want to evaluate this new information to determine if our bicycle routes are being used, and if we can make any changes to the system to enhance bicycle travel within the City.

Project History

In 2007, the Lubbock Metropolitan Area Comprehensive Bicycle Plan was submitted to the Lubbock Metropolitan Planning Organization (MPO) by HDR Engineering, Inc. in cooperation with The Bicycle Federation of America to guide the City of Lubbock and the surrounding areas in supporting an infrastructure that will allow and encourage bicycle and pedestrian travel.

\$75,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	75,000	0	0	0	0	0	0	75,000
Total Project Appropriation	75,000	0	0	0	0	0	0	75,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 General Fund Pay-As-You-Go	75,000	0	0	0	0	0	0	75,000
Total Funding Sources	75,000	0	0	0	0	0	0	75,000

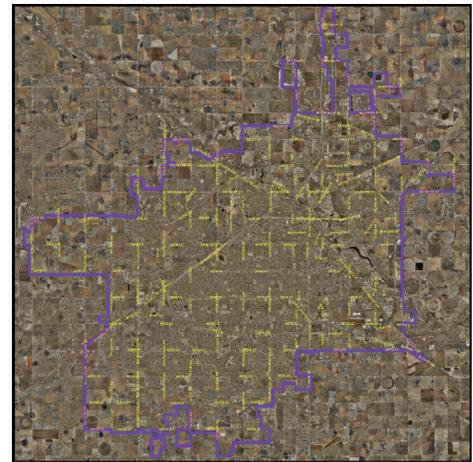
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
2001 General Obligation Bonds	483,504	0	0	0	0	0	0	483,504
2003 General Obligation Bonds	16,496	0	0	0	0	0	0	16,496
FY 2006 Tax Supported CO's	49,425	0	0	0	0	0	0	49,425
FY 2007 Tax Supported Revenue CO's	50,000	0	0	0	0	0	0	50,000
FY 2009 General Obligation Bonds	750,000	0	0	0	0	0	0	750,000
FY 2011 Tax Supported Revenue CO's	86,526	0	0	0	0	0	0	86,526
TxDOT Participation	478,278	0	0	0	0	0	0	478,278
Total Funding Sources	1,914,229	0	0	0	0	0	0	1,914,229

Managing Department **Traffic Engineering**

Project Manager **Sharmon Owens**

Project Classification **Bond Election Project - 2009**

Project Status **Approved**



Project Scope

Design, purchase, and installation of new central software, new cabinets, new controllers, fiber optic line, where necessary, ethernet connections, light-emitting diode's (LED's), and video detection at some interseptions.

Project Justification

The traffic signal system was purchased and installed in 1999. The improvements in technology and the communication issues with the signals suggests the need for a system wide upgrade to the traffic signal system and communications. The project includes new traffic central system software, upgrades to traffic controllers, installation of improved communication links to intersections, and possible video detection for the enhancement of traffic signal timing and management by the Traffic Management Center.

Project History

The City's traffic signal system runs off of a centralized computer system, which is more than 10 years old, and is located in the Traffic Management Center, along with additional software (controllers) at each intersection. This system provides the necessary communications for traffic signal timing, emergency preemption, and congestion management. The central software currently communicates with the signals at the intersections through old twisted copper, some fiber, and radio towers. The signals tend to go offline due to communications issues and upgrades to controller software that are not compatible with the old central software. The City has had to revert to older versions of software to keep the system communicating.

\$725,000 was appropriated in FY 2009-10 Budget Amendment No. 5, Ord. No. 2009-O0106, December 2, 2009.

\$4,025,000 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	4,677,500	0	0	0	0	0	0	4,677,500
Design and Engineering	72,500	0	0	0	0	0	0	72,500
Total Project Appropriation	4,750,000	0	0	0	0	0	0	4,750,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2010 General Obligation Bonds	725,000	0	0	0	0	0	0	725,000
FY 2011 General Obligation Bonds	4,025,000	0	0	0	0	0	0	4,025,000
Total Funding Sources	4,750,000	0	0	0	0	0	0	4,750,000

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **New Roadways**

Project Status **Approved**



Project Scope

Construction of full width paving on an 88-foot wide T-2 designated thoroughfare on Erskine Street from Indiana Avenue to Quaker Avenue, with three traffic lanes in each direction and a continuous left turn lane.

Project Justification

Development and traffic demands continue to increase in this area. The existing strip paving is narrow and creates a safety hazard, and requires continual maintenance. A traffic count of 4,853 vehicles per day was recorded in 2008.

Project History

The existing strip paving is believed to have been constructed by Lubbock County years ago, prior to the area being annexed by the City in 1952.

\$200,000 was appropriated in FY 2012-13, Budget Amendment No. 24, Ord. No. 2013-O0053, June 13, 2013.

\$600,000 was appropriated in FY 2013-14 Budget Amendment No. 14, Ord. No. 2014-O0030, March 13, 2014.

\$7,870,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	7,870,000	0	0	0	0	0	0	7,870,000
Design and Engineering	800,000	0	0	0	0	0	0	800,000
Right of Way Acquisition	0	350,000	0	0	0	0	0	350,000
Total Project Appropriation	8,670,000	350,000	0	0	0	0	0	9,020,000

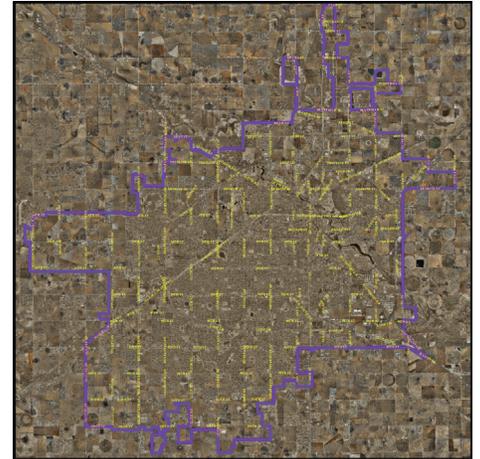
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Federal Grant Funding	6,514,061	0	0	0	0	0	0	6,514,061
FY 2016 Tax Supported Revenue CO's	1,478,515	0	0	0	0	0	0	1,478,515
FY 2017 Tax Supported Revenue CO's	0	350,000	0	0	0	0	0	350,000
Public Works Capital Project Fund	200,000	0	0	0	0	0	0	200,000
State Grant Funds	477,424	0	0	0	0	0	0	477,424
Total Funding Sources	8,670,000	350,000	0	0	0	0	0	9,020,000

Managing Department **Traffic Engineering**

Project Manager **Sharmon Owens**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Expand the fiber communications for approximately 40 miles, and improve detection at 96 signalized intersections over 8 years. The extension of the fiber communications will provide bandwidth for other city department facilities.

Project Justification

Fiber optic cable infrastructure needs to be expanded to traffic signal and school zone equipment that currently utilize 900 MHz radio and Pager technology. Sixty traffic signals on the wireless radio system have limited bandwidth. To increase traffic management capabilities such as viewing video at the Traffic Management Center (TMC) from major arterial intersections, more bandwidth is needed. Traffic Engineering is currently installing fiber optic cable to 140 signalized intersections in capital improvement project Traffic Signal Upgrades; however, the goal is to cover the city with fiber optic cable that is available to all city departments.

The school zone system currently uses legacy pager communications, which is no longer available after May of 2013. Spare 900 MHz radios will keep communications to the school zone system until fiber optic cable is available to connect the school zone equipment. Fiber optic cable is the ultimate plan for sixty-six school zone locations.

Vehicle detection equipment for traffic signals is currently a mix of in-pavement loop detection, video detection and radar. In-pavement loop detection installation is time consuming and requires barricading the roadway. The roadway cuts can create failures in the pavement and are limited to “presence detection” only. The city has begun to use video detection to keep roadways sound. However, video detection has issues with sun glare, weather (fog and snow), and dirty lenses which create false calls or drop calls altogether. The cameras can also be moved by wind which requires a technician visit to the intersection. Radar detection is immune to most of these issues; therefore, drivers should experience less delay and efficiency should increase throughout the signalized traffic system.

Fiber will be installed at a rate of 5 miles per year at a cost of approximately \$34,000 per mile, for a total of \$1,360,000 over an 8 year period. Radar detection will be installed at a rate of 12 intersections per year at a cost of approximately \$15,000 per intersection, for a total of \$1,440,000 over an 8 year period. The funding requested is \$350,000 per year for 8 years with a total cost of \$2.8 million.

Project History

In existing Capital Improvement Project 92216, fiber optic cable plant is being designed and installed to replace the 30 year old copper cable in the downtown area, along 19th Street from Avenue A to Marsha Sharp Freeway, along 50th Street from Avenue Q to Slide Road and down 34th Street from Avenue Q to Slide. In that same project, new fiber optic cable is being installed along streets with only radio communications: Avenue A from 19th Street to Slaton Highway, and Marsha Sharp Freeway from W. Loop 289 to Avenue L. The new project is needed to expand the fiber plant to the western boundaries of 19th, 34th and 50th Streets as well as along 4th Street, 82nd Street, and 98th Street.

\$350,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$350,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

\$350,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	1,050,000	0	350,000	350,000	350,000	350,000	350,000	2,800,000
Total Project Appropriation	1,050,000	0	350,000	350,000	350,000	350,000	350,000	2,800,000

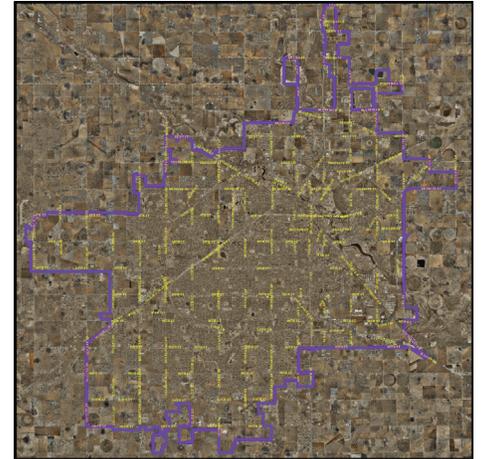
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2014 Tax Supported Revenue CO's	350,000	0	0	0	0	0	0	350,000
FY 2015 Tax Supported Revenue CO's	350,000	0	0	0	0	0	0	350,000
FY 2016 Tax Supported Revenue CO's	350,000	0	0	0	0	0	0	350,000
FY 2018 Tax Supported Revenue CO's	0	0	350,000	0	0	0	0	350,000
FY 2019 Tax Supported Revenue CO's	0	0	0	350,000	0	0	0	350,000
FY 2020 Tax Supported Revenue CO's	0	0	0	0	350,000	0	0	350,000
FY 2021 Tax Supported Revenue CO's	0	0	0	0	0	350,000	0	350,000
FY 2022 Tax Supported Revenue CO's	0	0	0	0	0	0	350,000	350,000
Total Funding Sources	1,050,000	0	350,000	350,000	350,000	350,000	350,000	2,800,000

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

The project funds the design and construction of elements of the City of Lubbock’s transportation infrastructure that does not meet the Local, State or Federal requirements. The deficiencies include ADA ramps, valley gutters and roadways that are deemed unsafe due to insufficient width or profile.

Project Justification

In response to public complaints the Streets/Drainage Engineering Department continues to strive to improve the mobility and safety of both the pedestrian and vehicular traffic throughout our neighborhoods.

Project History

\$250,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

\$250,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	500,000	0	250,000	250,000	250,000	250,000	250,000	1,750,000
Total Project Appropriation	500,000	0	250,000	250,000	250,000	250,000	250,000	1,750,000

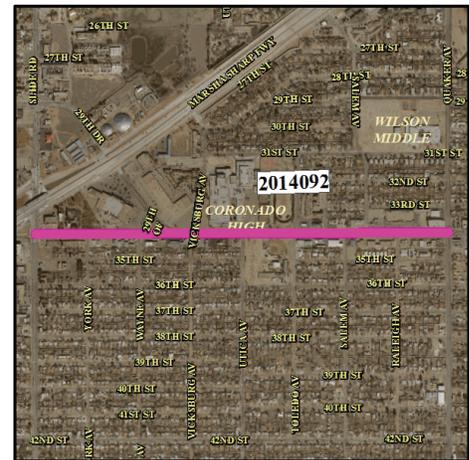
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 General Fund Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2016 General Fund Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2018 General Fund Pay-As-You-Go	0	0	250,000	0	0	0	0	250,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	250,000	0	0	0	250,000
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	250,000	0	0	250,000
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	250,000	0	250,000
FY 2022 General Fund Pay-As-You-Go	0	0	0	0	0	0	250,000	250,000
Total Funding Sources	500,000	0	250,000	250,000	250,000	250,000	250,000	1,750,000

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope

Reconstruct 34th Street from Quaker Avenue to Slide Road to a standard T-1 thoroughfare design (66 feet in width). This will provide for two lanes of traffic in each direction with a continuous two-way left turn lane.

Project Justification

34th Street is over 50 years old and needs to be reconstructed. The project includes the reconstruction of the five-lane thoroughfare in concrete paving, decorative sidewalks, driveways, decorative lighting, and pedestrian access improvements.

Project History

The 2009 Bond Election funded the reconstruction of 34th Street from Avenue Q to Indiana and an access study on the 34th Street Corridor from Slide Road to Interstate 27. The Study and the reconstruction were completed in May of 2014. On February 12, 2014, the City Council approved a construction contract to reconstruct 34th Street from Quaker Avenue to Indiana Avenue using cost savings from the 2009 Bond Election Projects savings.

\$750,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Reduced appropriation by \$750,000 per Budget Amendment No. 14, Ord. No. 2016-O0023, 2/25/2016.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	8,800,000	0	0	0	0	8,800,000
Total Project Appropriation	0	0	8,800,000	0	0	0	0	8,800,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 Tax Supported Revenue CO's	0	0	0	0	0	0	0	0
FY 2018 Tax Supported Revenue CO's	0	0	8,800,000	0	0	0	0	8,800,000
Total Funding Sources	0	0	8,800,000	0	0	0	0	8,800,000

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Construct a forty-two foot wide Industrial (I-1) Street in sixty feet of right-of-way including curb & gutter, curb ramps, and street lighting.

Project Justification

The construction of the new Animal Shelter at 66th Street and Loop 289 has identified a need for an alternative entrance other than the Loop frontage road to the Shelter. Development in the area has also presented a need for an all-weather surface for access into this area.

Project History

The existing roadway is currently of minimum width and surfaced with gravel. This section of 66th Street is identified on the 2008 City of Lubbock Thoroughfare Plan as being an Industrial (I-1) Street.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	4,300,000	0	0	0	4,300,000
Design and Engineering	0	0	0	400,000	0	0	0	400,000
Total Project Appropriation	0	0	0	4,700,000	0	0	0	4,700,000

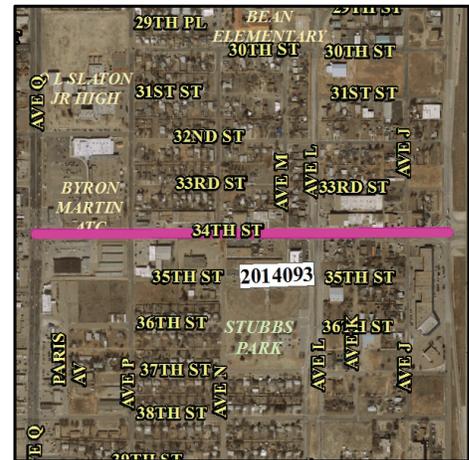
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 Tax Supported Revenue CO's	0	0	0	4,700,000	0	0	0	4,700,000
Total Funding Sources	0	0	0	4,700,000	0	0	0	4,700,000

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **Replacement Infrastructure**

Project Status **Requested**



Project Scope

Reconstruct 34th Street from Quaker Avenue to Slide Road to a standard T-1 thoroughfare design (66 feet in width). This will provide for two lanes of traffic in each direction with a continuous two-way left turn lane.

Project Justification

34th Street is over 50 years old and needs to be reconstructed. The project includes the reconstruction of the five-lane thoroughfare in concrete paving, decorative sidewalks, driveways, decorative lighting, and pedestrian access improvements.

Project History

Project History

The 2009 Bond Election funded the reconstruction of 34th Street from Avenue Q to Indiana and an access study on the 34th Street Corridor from Slide Road to Interstate 27. The Study and the reconstruction were completed in May of 2014. On February 12, 2014, the City Council approved a construction contract to reconstruct 34th Street from Quaker Avenue to Indiana Avenue using cost savings from the 2009 Bond Election Projects savings.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	7,830,000	0	0	0	7,830,000
Design and Engineering	0	0	0	870,000	0	0	0	870,000
Total Project Appropriation	0	0	0	8,700,000	0	0	0	8,700,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 Tax Supported Revenue CO's	0	0	0	8,700,000	0	0	0	8,700,000
Total Funding Sources	0	0	0	8,700,000	0	0	0	8,700,000

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

The project will rebuild the current County strip paved roadway to a concrete T-2 thoroughfare. It will include three-lanes of traffic in each direction with a continuous two-way left turn lane, drainage features, driveways, sidewalks, lighting, curb & gutter, and curb ramps.

Project Justification

Due to continued development in the area this roadway has become congested and the road bed itself is requiring constant maintenance in order to serve the traveling public. The future plans of the Department of Transportation to improve the intersection of Upland Avenue and the Marsha Sharp Freeway will only increase the traffic along this roadway.

Project History

This section of Upland Avenue was annexed into the City of Lubbock in the 1990’s as a County strip paved roadway and has only received patching and minimal maintenance since it has been in the City.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Land Acquisition	0	0	0	900,000	0	0	0	900,000
Construction	0	0	0	0	7,800,000	0	0	7,800,000
Construction Management Support	0	0	0	0	1,100,000	0	0	1,100,000
Design and Engineering	0	0	0	0	900,000	0	0	900,000
Total Project Appropriation	0	0	0	900,000	9,800,000	0	0	10,700,000

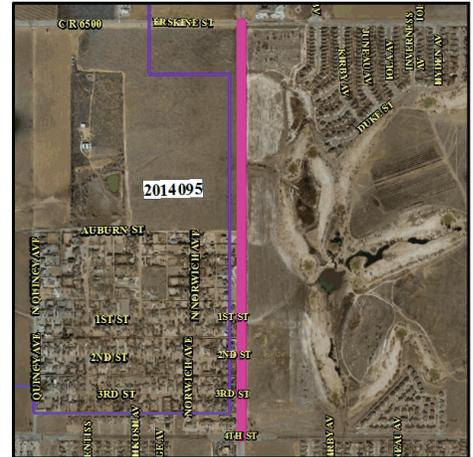
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 Tax Supported Revenue CO's	0	0	0	900,000	0	0	0	900,000
FY 2020 Tax Supported Revenue CO's	0	0	0	0	9,800,000	0	0	9,800,000
Total Funding Sources	0	0	0	900,000	9,800,000	0	0	10,700,000

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

The project will rebuild the current County strip paved roadway to a concrete T-2 thoroughfare. It will include three-lanes of traffic in each direction with a continuous two-way left turn lane, drainage features, driveways, sidewalks, lighting, curb & gutter, and curb ramps.

Project Justification

Due to continued development in the area this roadway has become congested and the road bed itself is requiring constant maintenance in order to serve the traveling public.

Project History

This section of Milwaukee Avenue was annexed into the City of Lubbock in the 1970's as a County strip paved roadway and has only received patching and minimal maintenance since it has been in the City.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	0	9,300,000	9,300,000
Total Project Appropriation	0	0	0	0	0	0	9,300,000	9,300,000

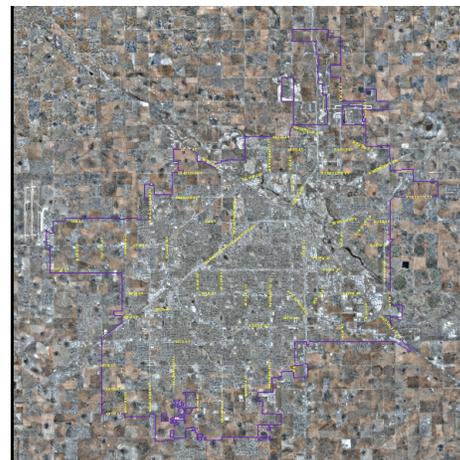
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2022 Tax Supported Revenue CO's	0	0	0	0	0	0	9,300,000	9,300,000
Total Funding Sources	0	0	0	0	0	0	9,300,000	9,300,000

Managing Department **Traffic Operations**

Project Manager **David Bragg**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

The Traffic Engineering Department will install 100 UPS’s at key traffic signals City-wide. These devices will improve the safety and efficiency of traffic signals during power events.

Project Justification

The City’s traffic signal system is presently unprotected against power loss at intersections. Currently, when a power event occurs due to weather or other unforeseen events, signal indications go dark at intersections. Although Texas Transportation Code states that drivers must proceed through the intersection “as if the intersection had a stop sign”, drivers are often confused by intersections without power, leading to hazardous situations. The issue is compounded at arterial to arterial intersections with multiple lanes in every direction of travel. Typically vehicles in each lane for one approach arrive at the signal at slightly different times which makes it difficult for drivers to know who has the right of way. During long power outages, police officers direct traffic at these intersections which helps reduce driver confusion, but creates an unsafe condition for the officers since they must be in the middle of traffic to effectively do their job.

Uninterruptable Power Systems (UPS) rated for traffic signals supply battery power to signals which gives them an additional eight to twelve hours of normal operation during a power outage. This is more than enough time to get power restored to signals during most power loss events throughout the City, eliminating safety issues related to power loss at intersections where these are installed. Not only is safety improved at intersections with a UPS but it also frees up police officers from directing traffic, allowing them to perform their normal job duties during power events.

UPS systems cost approximately \$6,000 per location. The Traffic Engineering Department requests funding for installation of 100 UPS systems over a five year period for a yearly cost of \$120,000 and total cost of \$600,000.

Project History

The Traffic Engineering Department installed one UPS on 9/17/2015 at the intersection of 82nd Street and Slide Road. On 2/23/2016, three intersections on 82nd Street lost power during the evening rush hour from 4:50 PM to 5:31 PM. The UPS is integrated into the traffic signal central system so it was able to alert the Traffic Management Center within seconds of the power outage that the intersection was running on battery power. The signal at 82nd Street and Slide Road ran off of battery power supplied by the UPS for 41 minutes and functioned normally. Drivers were unaware the signal was without power and were able to proceed through the intersection normally.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Signage, Lighting and Signals	0	0	100,000	100,000	100,000	100,000	100,000	500,000
Total Project Appropriation	0	0	100,000	100,000	100,000	100,000	100,000	500,000

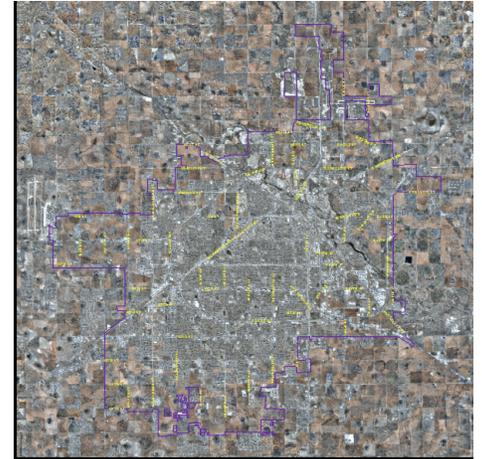
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 General Fund	0	0	100,000	0	0	0	0	100,000
Pay-As-You-Go								
FY 2019 General Fund	0	0	0	100,000	0	0	0	100,000
Pay-As-You-Go								
FY 2020 General Fund	0	0	0	0	100,000	0	0	100,000
Pay-As-You-Go								
FY 2021 General Fund	0	0	0	0	0	100,000	0	100,000
Pay-As-You-Go								
FY 2022 General Fund	0	0	0	0	0	0	100,000	100,000
Pay-As-You-Go								
Total Funding Sources	0	0	100,000	100,000	100,000	100,000	100,000	500,000

Managing Department **Street/drainage Engineer**

Project Manager **Neil Welch**

Project Classification **New Roadways**

Project Status **Requested**



Project Scope

Construction of 5-lane all weather roadway with storm water structures, curb and gutter, lighting and pedestrian facilities.

Project Justification

Development and traffic demands continue to grow in this area. The need for an all weather roadway surface has become a safety issue and the dirt roadway requires continual maintenance.

Project History

Currently this section of 98th Street has an improved dirt surface.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	3,000,000	0	0	0	0	0	3,000,000
Design and Engineering	0	200,000	0	0	0	0	0	200,000
Total Project Appropriation	0	3,200,000	0	0	0	0	0	3,200,000

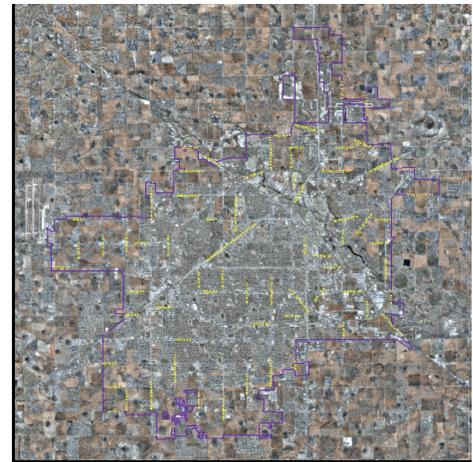
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Tax Supported Revenue CO's	0	3,200,000	0	0	0	0	0	3,200,000
Total Funding Sources	0	3,200,000	0	0	0	0	0	3,200,000

Managing Department **Street/drainage Engineer**

Project Manager **Neil Welch**

Project Classification **New Roadways**

Project Status **Requested**



Project Scope

This project will identify needed Right-of-Way for upcoming projects. The project will survey the properties and will fund the acquisition of the land.

Project Justification

Areas of the City that have been annexed will require that the City purchase Right-of-Way from existing land owners in order to upgrade the roadways.

Project History

Projects that are to receive Federal funds require that the Right-of-Way be acquired well ahead of the construction.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Land Acquisition	0	0	125,000	125,000	125,000	125,000	125,000	625,000
Total Project Appropriation	0	0	125,000	125,000	125,000	125,000	125,000	625,000

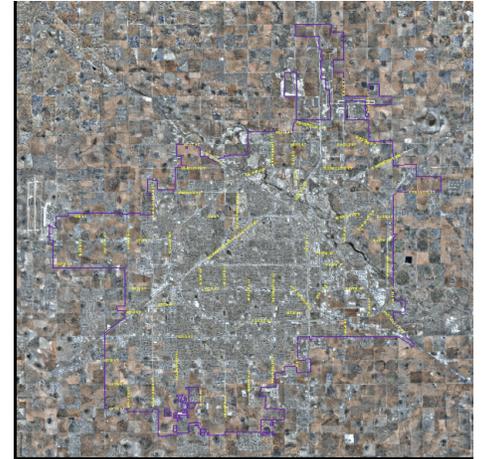
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 General Fund Pay-As-You-Go	0	0	125,000	0	0	0	0	125,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	125,000	0	0	0	125,000
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	125,000	0	0	125,000
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	125,000	0	125,000
FY 2022 General Fund Pay-As-You-Go	0	0	0	0	0	0	125,000	125,000
Total Funding Sources	0	0	125,000	125,000	125,000	125,000	125,000	625,000

Managing Department **Street/drainage Engineer**

Project Manager **Neil Welch**

Project Classification **New Roadways**

Project Status **Requested**



Project Scope

This project will provide 5-lanes of the T-2 thoroughfare along with street lighting, pedestrian improvements and storm water structures.

Project Justification

Due to development along the Upland corridor, the County strip paving along this roadway is receiving a lot more traffic than it is able to carry and as a result requires a great deal of maintenance.

Project History

This roadway received the minimal County strip paving many years ago and is currently experiencing more traffic that what the roadway was designed to carry.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	6,300,000	0	6,300,000
Design and Engineering	0	0	0	0	0	750,000	0	750,000
Total Project Appropriation	0	0	0	0	0	7,050,000	0	7,050,000

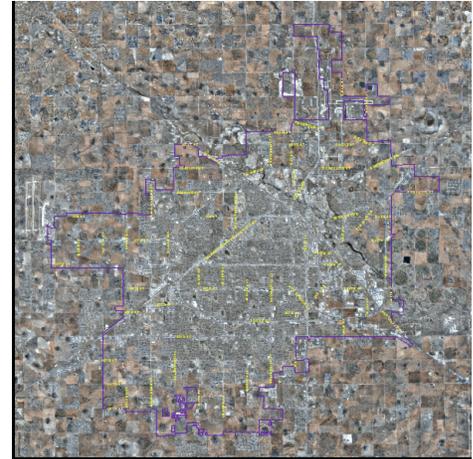
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2021 Tax Supported Revenue CO's	0	0	0	0	0	7,050,000	0	7,050,000
Total Funding Sources	0	0	0	0	0	7,050,000	0	7,050,000

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **New Roadways**

Project Status **Requested**



Project Scope

Texas Department of Transportation (TxDOT) is completing the Outer Route Study and is expected to begin Right-of-Way (ROW) acquisition in early 2017. The Local Government participation in the ROW is 10% of the acquisition costs. The Local Government is also responsible for up to 100% of any Utility relocation costs. TxDOT has estimated the City of Lubbock’s portion to be \$9,000,000.

Project Justification

The Texas Department of Transportation (TxDOT) Lubbock Outer Route Study is in its second phase, known as the Lubbock Outer Route Feasibility Study. This Study was initiated to determine the feasibility of an outer route around south and west Lubbock from US 84 northwest of Lubbock to US 84 southeast of Lubbock. In response to the expansion of development and projected future traffic growth in western and southern Lubbock County, the Texas Department of Transportation (TxDOT) initiated a transportation planning study. Phase one of the study has proven the need for additional infrastructure to support the growth. Phase two of the study will provide the most effective route for the proposed highway.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	0	0	9,000,000	0	0	0	0	9,000,000
Total Project Appropriation	0	0	9,000,000	0	0	0	0	9,000,000

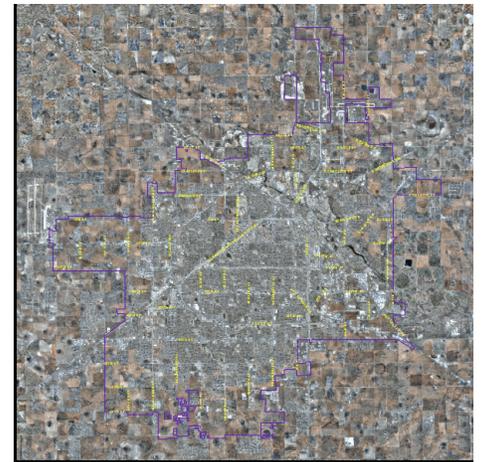
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Tax Supported Revenue CO's	0	0	9,000,000	0	0	0	0	9,000,000
Total Funding Sources	0	0	9,000,000	0	0	0	0	9,000,000

Managing Department **Traffic Engineering**

Project Manager **Sharmon Owens**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Install signals at un-signalized intersections and school zones as warranted, upgrade new controllers, and perform necessary repairs. Major repairs such as replacing crushed conduit and wiring, rebuilding failing signal arm assemblies, and exchanging cabinets and signal arm assemblies that have been damaged is not included in the Department's maintenance budget or in the Traffic Signal Upgrade project.

Project Justification

The project provides funding for new signals and school zones designed and constructed in-house. The project will also be utilized to upgrade existing traffic signals requiring major repairs. Public safety is a major factor considered when installing and maintaining traffic signals and school zones.

Project History

One school zone has been designed and built from these funds in February 2009. In February 2010, CTC approved the design and construction of a traffic signal. The signal at Memphis Avenue and 98th Street has been constructed. Equipment is currently being purchased for the upgrades of University Avenue and 19th Street, Indiana Avenue and 19th Street, and Quaker Avenue and 82nd Street. Pedestrian countdown heads are also being purchased to install along the Texas Tech Campus.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	300,000	300,000	300,000	300,000	300,000	1,500,000
Total Project Appropriation	0	0	300,000	300,000	300,000	300,000	300,000	1,500,000

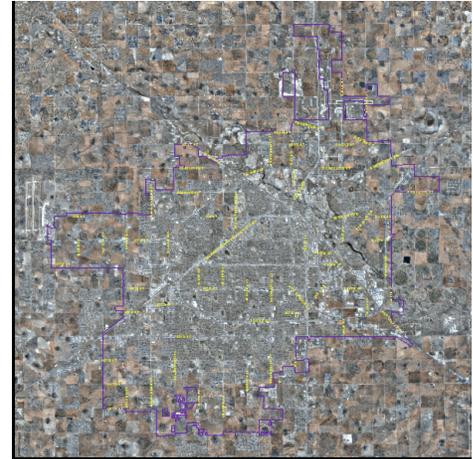
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 General Fund Pay-As-You-Go	0	0	300,000	0	0	0	0	300,000
FY 2019 General Fund Pay-As-You-Go	0	0	0	300,000	0	0	0	300,000
FY 2020 General Fund Pay-As-You-Go	0	0	0	0	300,000	0	0	300,000
FY 2021 General Fund Pay-As-You-Go	0	0	0	0	0	300,000	0	300,000
FY 2022 General Fund Pay-As-You-Go	0	0	0	0	0	0	300,000	300,000
Total Funding Sources	0	0	300,000	300,000	300,000	300,000	300,000	1,500,000

Managing Department **Paved Streets**

Project Manager **Mike Gilliland**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Micro-surfacing, asphalt rejuvenation, asphalt milling, asphalt milling and overlay, full or partial depth pavement repair, total reconstruction, patching, crack sealing, concrete joint sealing, and brick street repair.

Project Justification

The project is a preventive maintenance program to help preserve and maintain our street infrastructure. The maintenance program is an essential tool to help extend the useful life of the pavement. Used early in a pavement's life, preventative maintenance corrects small problems before they become big problems, saves money, and improves safety and rideability. At some point, all roads require total rehabilitation as they near the end of their useful life. Total rehabilitation is completed when funding is available.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	7,000,000	10,200,000	10,400,000	10,500,000	10,700,000	10,800,000	59,600,000
Total Project Appropriation	0	7,000,000	10,200,000	10,400,000	10,500,000	10,700,000	10,800,000	59,600,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 10-Year Tax Revenue CO's	0	7,000,000	0	0	0	0	0	7,000,000
FY 2018 10-Year Tax Revenue CO's	0	0	10,200,000	0	0	0	0	10,200,000
FY 2019 10-Year Tax Revenue CO's	0	0	0	10,400,000	0	0	0	10,400,000
FY 2020 10-Year Tax Revenue CO's	0	0	0	0	10,500,000	0	0	10,500,000
FY 2021 10-Year Tax Revenue CO's	0	0	0	0	0	10,700,000	0	10,700,000
FY 2022 10-Year Tax Revenue CO's	0	0	0	0	0	0	10,800,000	10,800,000
Total Funding Sources	0	7,000,000	10,200,000	10,400,000	10,500,000	10,700,000	10,800,000	59,600,000

Internal Services

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
92266 Upgrade 800 MHZ Radio System to P25 Compliance	13,300,000	0	0	0	0	0	0	13,300,000
92329 Codes and Env. Health Software Replacement	250,000	0	0	0	0	0	0	250,000
92401 E1 Fleet Module	249,000	153,000	0	0	0	0	0	402,000
2016044 E1 Employee Self Service	0	390,520	0	0	0	0	0	390,520
2016181 Sirsi Library Upgrade	0	0	150,000	0	0	0	0	150,000
Total Internal Services	13,799,000	543,520	150,000	0	0	0	0	14,492,520

Internal Services

Funding Summary

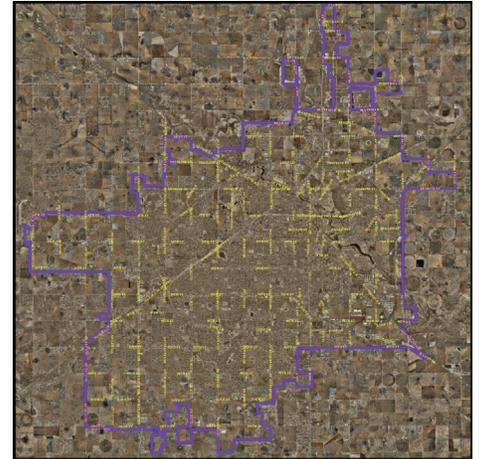
Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2013 10-Year Certificates of Obligation	2,825,000	0	0	0	0	0	0	2,825,000
FY 2014 10-Year Certificates of Obligation	3,490,000	0	0	0	0	0	0	3,490,000
FY 2014 General Fund Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2015 10-Year Certificates of Obligation	3,400,000	0	0	0	0	0	0	3,400,000
FY 2016 10-Year Certificates of Obligation	3,335,000	0	0	0	0	0	0	3,335,000
FY 2016 Fleet Pay-As-You Go	249,000	0	0	0	0	0	0	249,000
FY 2017 Fleet Pay-As-You Go	0	153,000	0	0	0	0	0	153,000
General Capital Project Fund	27,565	0	0	0	0	0	0	27,565
Health Fund Pay-As-You-Go	0	303,020	0	0	0	0	0	303,020
Information Technology ISF Pay-As-You-Go	0	87,500	150,000	0	0	0	0	237,500
Radio Shop Fund Pay-As-You-Go	222,435	0	0	0	0	0	0	222,435
Total Internal Services	13,799,000	543,520	150,000	0	0	0	0	14,492,520

Managing Department **Radio Shop**

Project Manager **Clifford Crow**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope

Upgrade the City radio system to P25 compliance.

Phase 1 - Estimated cost \$2,825,000

Phase 1 consists of adding a primary network server switch, a regional site manager server, a 16 port EDACs Internet Protocol (IP) gateway, three 700 MHZ master V channels (to help receive grants from the State for interoperability), replacing 565 non-P25 compliant radios with P25 compliant radios and upgrading 273 radios to P25 compliance.

Phase 2 - Estimated cost \$3,490,000

Phase 2 consists of adding a backup network server switch, five C3 radio dispatch consoles, five 800 MHZ master V channels to the west tower, five master V channels to the primary site, changing 505 non-P25 compliant radios to P25 compliant radios, and upgrading 273 radios to P25 compliance.

Phase 3 - Estimated cost \$3,400,000

Phase 3 consists of adding six C3 radio dispatch consoles, four master V channels at the west tower, four master V channels at the primary site, adding a P25 ISSI gateway, changing 565 non-P25 compliant radios to P25 compliant radios, and upgrading 273 radios to P25 compliance.

Phase 4: Estimated cost \$3,335,000

Phase 4 consists of adding six C3 radio dispatch consoles, ten master V channels to the primary site, four master V channels to the west tower, changing 565 non-P25 compliant radios to P25 compliant radios, and upgrading 273 radios to P25 compliance.

An additional cost of \$2,000,000 to check, and upgrade if necessary, coverage in downtown buildings, hospitals, and other large buildings so that police, fire, Sheriff's Office, and EMS personnel have the ability to communicate to dispatch centers.

Project 25 (P25) is an industry-wide effort to develop a voluntary standard for uniform digital two-way radio for public safety organizations. P25 Standards are a benchmark in Public Safety Radio Communications for First Responders. P25 is defined in the published ANSI/TIA102 documents enabling migration from today's radio systems to desired levels of interoperability directly impacting first responders.

The events in the United States and around the world since September 11, 2001 have spurred popular interest in Public Safety communications interoperability. Growing concern has driven many country's governments - including the US Federal Government - to reorganize to create focused positions to address Homeland Security. Long before these events, Public Safety and the land-mobile radio industry created an interoperability solution. Published by TIA and approved by Federal, State/Province and Local Public Safety users, the P25 standards enable a feature-rich, scalable digital radio technology. The availability of radio equipment compliant to P25 standards is now providing a basis for conventional radio communications interoperability that is necessary for First Responders.

The P25 standard has been adopted by the National Telecommunications and Information Administration (NTIA), which manages spectrum for the federal government. In addition, NTIA also specified use of P25 narrow band by the year 2005 for the VHF Hi bands (162-174 MHz), and by 2008 for all other bands. Many US government agencies (e.g. Treasury, Interior, Departments of Defense (DoD) and Justice) have specified P25 for procurements of new radio communications systems and equipment.

P25 compatibility has become a significant purchasing factor for users of state and local public safety and public service radio communication systems. As state and local Public Safety users change or upgrade their existing analog systems to comply with new FCC regulated bandwidths, demand for P25 compliant digital public safety systems increases. This is partly due to the ability of P25 systems to be configured for compatibility with older analog mobile and portable radios, allowing adopters of the P25 standard to purchase new

system equipment without replacing all of their subscriber radios.

At this time, this system has not been designed, and costs are estimated. Additionally, it is assumed that this technology will be a requirement at some point in the future. As guidelines are provided, these costs and time lines will change.

Project Justification

Homeland Security, the State of Texas, and Federal Communications are pushing for all radio systems to be P25 compliant and interoperable. This requires that 800 MHZ radios from any manufacturer must work on any radio system. If the City is to continue receiving federal and state grants then our radio system must be upgraded to meet the required standards.

The City’s radio system is analog and 15 years old. To meet state and federal requests, all channels and radios on the City's system must be replaced to comply.

Project History

\$250,000 was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.

\$2,825,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.

\$3,490,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$3.4 million was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

\$3,335,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	250,000	0	0	0	0	0	0	250,000
Other Activites	13,050,000	0	0	0	0	0	0	13,050,000
Total Project Appropriation	13,300,000	0	0	0	0	0	0	13,300,000

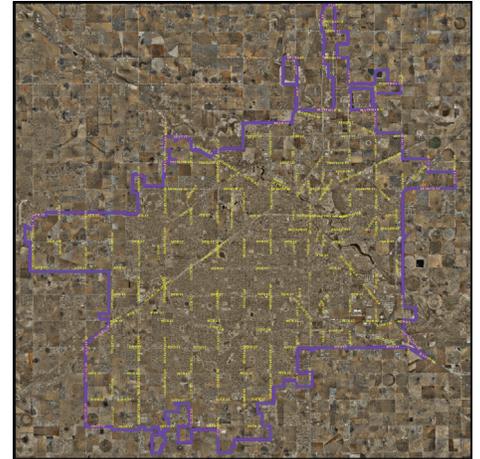
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2013 10-Year Certificates of Obligation	2,825,000	0	0	0	0	0	0	2,825,000
FY 2014 10-Year Certificates of Obligation	3,490,000	0	0	0	0	0	0	3,490,000
FY 2015 10-Year Certificates of Obligation	3,400,000	0	0	0	0	0	0	3,400,000
FY 2016 10-Year Certificates of Obligation	3,335,000	0	0	0	0	0	0	3,335,000
General Capital Project Fund	27,565	0	0	0	0	0	0	27,565
Radio Shop Fund Pay-As-You-Go	222,435	0	0	0	0	0	0	222,435
Total Funding Sources	13,300,000	0	0	0	0	0	0	13,300,000

Managing Department **G I S & Data Services**

Project Manager **Sally Abbe**

Project Classification **Administrative**

Project Status **Approved**



Project Scope

Replacement of the outdated Decade Envision system utilized by Environmental Health and Codes Enforcement. The project includes software licensing, first year annual maintenance, professional services for implementation, and a new server.

Software and Implementation: \$210,000

New Server: \$25,000

Inspection Hardware: \$15,000

Project Justification

The Decade Envision software used by Codes Enforcement and Environmental Health, installed in 1999, is at the end of its technological life. The product does not provide mobile inspection capabilities or meaningful management reporting needed by both departments.

Project History

\$250,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	250,000	0	0	0	0	0	0	250,000
Total Project Appropriation	250,000	0	0	0	0	0	0	250,000

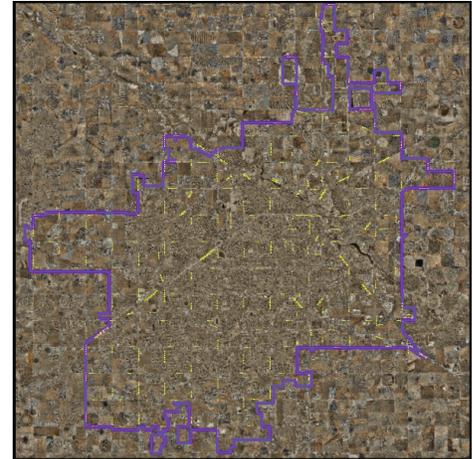
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2014 General Fund Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
Total Funding Sources	250,000	0	0	0	0	0	0	250,000

Managing Department **Fleet Maintenance**

Project Manager **Scott Snider**

Project Classification **Administrative**

Project Status **Approved**



Project Scope

Upgrade the E1 System to add on the fleet module for better accuracy of inventory maintenance.

Project Justification

The upgrade to E1 to add on the Fleet module allows the City to maintain one fleet inventory system for vehicles and parts assets. Currently assets are maintained in E1 and M4. Modifications have to be made to each system everytime a change is made, a vehicle is sold or purchased. The same is true for the parts inventory. Currently parts are purchased out of E1 and M4. They are issued out of M4 but only issued out of E1 through a monthly allocation in dollars not pieces.

Project History

\$200,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.
 \$49,000 was appropriated in FY 2015-16, Budget Amendment No.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	249,000	153,000	0	0	0	0	0	402,000
Total Project Appropriation	249,000	153,000	0	0	0	0	0	402,000

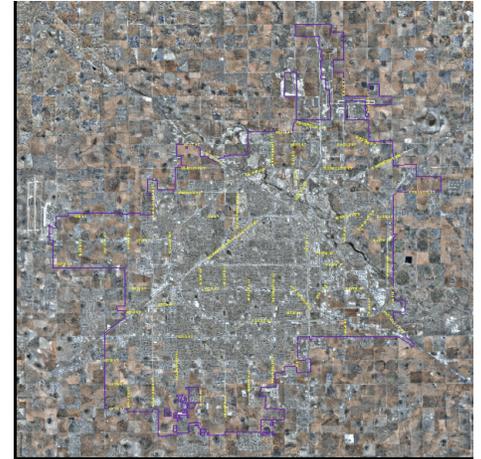
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 Fleet Pay-As-You Go	249,000	0	0	0	0	0	0	249,000
FY 2017 Fleet Pay-As-You Go	0	153,000	0	0	0	0	0	153,000
Total Funding Sources	249,000	153,000	0	0	0	0	0	402,000

Managing Department **Human Resources**

Project Manager **David McGaughey**

Project Classification **New Facility**

Project Status **Requested**



Project Scope

Provide paperless and enhanced employee access to their personal employment information for all City employees.

Project Justification

Provide a portal for employee information maintenance, performance management, career management, time entry, leave administration/approval, payroll and payment review.

Project History

Currently every department uses their own method for keeping employee information and time and attendance. In IT, for example, we use a paper calendar hung on the wall in Jay Zhine's office. For HR2s and other employee information we use a spread sheet for phone numbers and an (often unlocked) file drawer for HR2s, record of certifications, letters written to employees and the like.

This system will standardize how all such practices are done, providing a central repository of managed employee information, time and attendance and HR employee information.

It will also give immediate paperless access to an employee to their own personal employment data.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	0	390,520	0	0	0	0	0	390,520
Total Project Appropriation	0	390,520	0	0	0	0	0	390,520

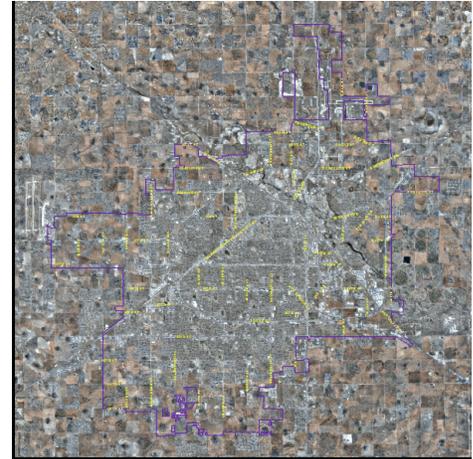
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Health Fund Pay-As-You-Go	0	303,020	0	0	0	0	0	303,020
Information Technology ISF Pay-As-You-Go	0	87,500	0	0	0	0	0	87,500
Total Funding Sources	0	390,520	0	0	0	0	0	390,520

Managing Department **Library**

Project Manager **David McGaughey**

Project Classification **Administrative**

Project Status **Requested**



Project Scope
 Upgrade the SirsiDynix Library system, moving it to a cloud based, and hosted solution.

Project Justification
 IT is requesting to upgrade the SirsiDynix Library system, moving it to a cloud based, and hosted solution. The current Sirsi system is running on a very old IBM AIX machine and has not been upgraded for at least 5 years. In addition to being an upgrade to the Sirsi system, moving it to the hosted version will provide mobile app access to our Library’s reference system. The upgrade requires that we electronically ship our Library material inventory to Sirsi which will then be reformatted into the new system and uploaded into Sirsi’s servers. Once it is loaded to Sirsi’s servers, access to the reference system will be provided by any web browser with Internet access. Updates to our Library web pages will be made to point our reference material on Sirsi’s servers.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	0	0	150,000	0	0	0	0	150,000
Total Project Appropriation	0	0	150,000	0	0	0	0	150,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Information Technology ISF Pay-As-You-Go	0	0	150,000	0	0	0	0	150,000
Total Funding Sources	0	0	150,000	0	0	0	0	150,000

Airport

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
8552 Airfield Asphalt Repair	4,800,000	0	0	0	0	0	0	4,800,000
8593 Consolidated Rental Car Facility Design	1,050,000	0	0	0	0	0	0	1,050,000
8601 Safety Management System (SMS) Development	150,000	0	0	0	0	0	0	150,000
92191 Airport Facility Improvements	3,852,165	0	0	0	0	0	0	3,852,165
92325 Runway 17R/35L Construction Phase II	26,522,369	0	0	0	0	0	0	26,522,369
92361 Terminal Building Remodel-Design Only	4,636,050	0	0	0	0	0	0	4,636,050
92371 Runway 17R/35L Construction Phase III	20,804,862	0	0	0	0	0	0	20,804,862
92372 Aircraft Rescue & Fire Fighting Facility	4,500,000	0	0	0	0	288,900	0	4,788,900
92430 Ground Transportation Improvements	200,000	0	0	0	0	0	0	200,000
2008249 Remove and Reseal All Joints in Concrete	0	260,410	0	0	0	1,861,730	0	2,122,140
2011040 Terminal Building Remodel	0	20,737,224	6,738,888	3,888,889	0	0	0	31,365,001
2012077 Consolidated Rental Car Facility Construction	0	0	25,000,000	0	0	0	0	25,000,000
2016103 Airport Property Improvements	0	0	0	300,000	300,000	300,000	300,000	1,200,000
2016109 Mechanical System Improvements	0	150,000	0	0	0	0	0	150,000
2016111 Terminal Apron Maintenance	0	77,270	0	0	0	0	1,006,223	1,083,493
2016113 Airfield Signage & Lighting Project	0	0	0	0	0	835,000	0	835,000
2016121 Airport Master Plan	0	0	0	0	0	0	1,000,000	1,000,000
Total Airport	66,515,446	21,224,904	31,738,888	4,188,889	300,000	3,285,630	2,306,223	129,559,980

Airport

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Airport Fund Pay-As-You-Go	500,000	0	0	0	0	0	0	500,000
Federal Grant Funding	49,514,615	3,737,224	3,364,999	3,500,000	0	2,427,057	1,805,601	64,349,496
FY 2018 CFC Revenue Co's	0	0	25,000,000	0	0	0	0	25,000,000
FY 2006 Airport Revenue CO's	37,594	0	0	0	0	0	0	37,594
FY 2007 Airport Revenue CO's	161,502	0	0	0	0	0	0	161,502
FY 2010 Airport Pay-As-You-Go	413,498	0	0	0	0	0	0	413,498
FY 2011 Airport Pay-As-You-Go	762,406	0	0	0	0	0	0	762,406
FY 2011 PFC Revenue CO's	480,607	0	0	0	0	0	0	480,607
FY 2012 Airport Pay-As-You-Go	775,000	0	0	0	0	0	0	775,000
FY 2012 Airport Revenue CO's	105,348	0	0	0	0	0	0	105,348
FY 2013 Airport Pay-As-You-Go	775,000	0	0	0	0	0	0	775,000
FY 2014 Airport Pay-As-You-Go	833,736	0	0	0	0	0	0	833,736
FY 2014 PFC Revenue CO's	2,638,446	0	0	0	0	0	0	2,638,446
FY 2015 Airport Pay-As-You-Go	565,000	0	0	0	0	0	0	565,000
FY 2015 Airport Revenue CO's	5,000,000	0	0	0	0	0	0	5,000,000
FY 2015 CFC Fund Pay-As-You-Go	1,050,000	0	0	0	0	0	0	1,050,000
FY 2015 PFC Revenue CO's	1,431,008	0	0	0	0	0	0	1,431,008
FY 2016 Airport Pay-As-You-Go	828,081	0	0	0	0	0	0	828,081
FY 2016 PFC Pay-As-You-Go	360,000	0	0	0	0	0	0	360,000
FY 2016 PFC Revenue CO's	283,605	0	0	0	0	0	0	283,605
FY 2017 Airport Pay-As-You-Go	0	487,680	0	0	0	0	0	487,680
FY 2017 PFC Revenue CO's	0	17,000,000	0	0	0	0	0	17,000,000
FY 2018 Airport Revenue CO's	0	0	3,000,000	0	0	0	0	3,000,000
FY 2018 PFC Revenue CO's	0	0	373,889	0	0	0	0	373,889
FY 2019 Airport Pay-As-You-Go	0	0	0	300,000	0	0	0	300,000
FY 2019 PFC Revenue CO's	0	0	0	388,889	0	0	0	388,889
FY 2020 Airport Pay-As-You-Go	0	0	0	0	300,000	0	0	300,000
FY 2021 Airport Pay-As-You-Go	0	0	0	0	0	300,000	0	300,000
FY 2021 PFC Pay-As-You-Go	0	0	0	0	0	558,573	0	558,573
FY 2022 Airport Pay-As-You-Go	0	0	0	0	0	0	300,000	300,000
FY 2022 PFC Pay-As-You-Go	0	0	0	0	0	0	200,622	200,622
Total Airport	66,515,446	21,224,904	31,738,888	4,188,889	300,000	3,285,630	2,306,223	129,559,980

Managing Department **Airport Operations - Field Maint.**

Project Manager **Kelly Campbell**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Repair of existing bituminous surface course pavement. Through FY 2013, the project has been proposed as a multi-year project with \$300,000 appropriated annually until all surfaces have been rehabilitated. To expedite completion of the project, bond financing is requested in FY 2014.

Project Justification

The project enhances the safety of the general aviation ramp and other airfield surfaces by reducing the potential for loose pavement material or aggregate, which can damage aircraft engines and propellers.

Project History

\$300,000 was appropriated in the FY 2009-10 Budget, Ord. No. 2009-O0073, August 27, 2009.
 \$300,000 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.
 \$300,000 was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.
 \$300,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.
 \$100,000 was appropriated in FY 2012-13 Budget Amendment No. 3, Ord. No. 2012-O0119, October 25, 2012.
 \$300,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.
 \$5.0 million was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.
 Reduced appropriation by \$1,800,000 per Budget Amendment No.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	4,800,000	0	0	0	0	0	0	4,800,000
Total Project Appropriation	4,800,000	0	0	0	0	0	0	4,800,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Airport Fund Pay-As-You-Go	100,000	0	0	0	0	0	0	100,000
FY 2006 Airport Revenue CO's	37,594	0	0	0	0	0	0	37,594
FY 2007 Airport Revenue CO's	161,502	0	0	0	0	0	0	161,502
FY 2010 Airport Pay-As-You-Go	138,498	0	0	0	0	0	0	138,498
FY 2011 Airport Pay-As-You-Go	262,406	0	0	0	0	0	0	262,406
FY 2012 Airport Pay-As-You-Go	300,000	0	0	0	0	0	0	300,000
FY 2013 Airport Pay-As-You-Go	300,000	0	0	0	0	0	0	300,000
FY 2014 Airport Pay-As-You-Go	300,000	0	0	0	0	0	0	300,000
FY 2015 Airport Revenue CO's	3,200,000	0	0	0	0	0	0	3,200,000
Total Funding Sources	4,800,000	0	0	0	0	0	0	4,800,000

Managing Department **Aviation Maintenance**

Project Manager **Kelly Campbell**

Project Classification **Replacement Facility**

Project Status **Approved**



Project Scope

The project will fund the analysis of existing conditions, recommendations for improvements, and design services for the rental car facility improvements. Possible improvements include a consolidated rental car service facility, expansion and rehabilitation of the ready/return parking lot, a covered walk-way to the rental car ready/return lot, and a parking garage facility.

Project Justification

The current service facilities are individually owned by each rental car operator. The buildings are in poor condition and detract from the overall appearance of the airport property. Building a consolidated facility will improve the aesthetics of the airport property. Customer Facility Charge (CFC) funds will be used for future operating and maintenance costs of the building, ensuring the property remains in good condition.

Expansion and rehabilitation of the ready/return lot will allow the rental car operators to provide better service to customers. Expansion of the lot will also increase airport revenues.

Each rental car operator currently operates a shuttle from the terminal building to the ready/return lot. The operators have requested a covered walk-way as part of the improvements to allow customers to walk to the area in inclement weather conditions resulting in reduced operation of shuttles. The reduction of shuttles will improve safety by decreasing traffic in front of the terminal building. Another alternative is building a parking garage. If the option is deemed feasible, the ready/return lot would be re-located to the parking garage and the covered walk-way will be unnecessary. A parking garage would provide increased safety and protection for people and property.

Project History

\$1.05 million was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	1,050,000	0	0	0	0	0	0	1,050,000
Total Project Appropriation	1,050,000	0	0	0	0	0	0	1,050,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 CFC Fund Pay-As-You-Go	1,050,000	0	0	0	0	0	0	1,050,000
Total Funding Sources	1,050,000	0	0	0	0	0	0	1,050,000

Managing Department **Aviation Maintenance**

Project Manager **Kelly Campbell**

Project Classification **Administrative**

Project Status **Approved**



Project Scope

Develop SMS program to be compliant with pending Federal Aviation Administration (FAA) guidance. The program would include the development of a SMS policy, promotion, safety assurance, and steps for implementing safety risk assessment processes.

Project Justification

Development and justification of a Safety Management System (SMS) will ensure compliance with pending FAA mandates. Additional benefits of SMS implementation include efficiencies and improvements in assessing the risks and hazards associated with construction projects and changes in airport operations.

Project History

\$150,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-00094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	150,000	0	0	0	0	0	0	150,000
Total Project Appropriation	150,000	0	0	0	0	0	0	150,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Federal Grant Funding	135,000	0	0	0	0	0	0	135,000
FY 2016 Airport Pay-As-You-Go	15,000	0	0	0	0	0	0	15,000
Total Funding Sources	150,000	0	0	0	0	0	0	150,000

Managing Department **Airport Maintenance**

Project Manager **Kelly Campbell**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Improvements to the Airport terminal building and other airport facilities, including: roof and structural repairs to airport owned buildings, repairs to the terminal building to eliminate leaks, window improvements, carpet replacement, seat replacement, airport directional signage rehabilitation or replacement, parking garage lighting repair or replacement, painting, encapsulating or removing asbestos, terminal building fire panel, resealing or reconstructing airport roads, improvements to overflow parking area, and any other needed airport facility improvements. Repair or replacement of the Public Address system, upgrades and improvements to the Access Control/CCTV system, modifications and/or replacement of the main terminal building revolving doors, and HVAC upgrades at the Executive Terminal building.

Project Justification

The airport terminal, and many of the facilities and roads, are in need of repair.

Project History

\$275,000 was appropriated in the FY 2009-10 Budget, Ord. No. 2009-O0073, August 27, 2009.
 \$500,000 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.
 \$475,000 was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.
 \$475,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.
 \$400,000 was appropriated in FY 2012-13 Budget Amendment No. 3, Ord. No. 2012-O0119, October 25, 2012.
 \$475,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.
 \$475,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.
 \$475,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.
 \$105,348 was appropriated in FY 2015-16, Budget Amendment No. 16, Ord. No. 2016-O0026, 3/10/2016.
 \$138,081 was appropriated in FY 2015-16, Budget Amendment No.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	2,877,165	0	0	0	0	0	0	2,877,165
Design and Engineering	400,000	0	0	0	0	0	0	400,000
Furnishings	325,000	0	0	0	0	0	0	325,000
Other Activities	150,000	0	0	0	0	0	0	150,000
Signage, Lighting and Signals	100,000	0	0	0	0	0	0	100,000
Total Project Appropriation	3,852,165	0	0	0	0	0	0	3,852,165

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Airport Fund Pay-As-You-Go	400,000	0	0	0	0	0	0	400,000
FY 2010 Airport Pay-As-You-Go	275,000	0	0	0	0	0	0	275,000
FY 2011 Airport Pay-As-You-Go	500,000	0	0	0	0	0	0	500,000
FY 2012 Airport Pay-As-You-Go	475,000	0	0	0	0	0	0	475,000
FY 2012 Airport Revenue CO's	105,348	0	0	0	0	0	0	105,348
FY 2013 Airport Pay-As-You-Go	475,000	0	0	0	0	0	0	475,000
FY 2014 Airport Pay-As-You-Go	533,736	0	0	0	0	0	0	533,736
FY 2015 Airport Pay-As-You-Go	475,000	0	0	0	0	0	0	475,000
FY 2016 Airport Pay-As-You-Go	613,081	0	0	0	0	0	0	613,081
Total Funding Sources	3,852,165	0	0	0	0	0	0	3,852,165

Managing Department **Aviation Oper - Field Maint.**

Project Manager **Kelly Campbell**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Phase II of the rehabilitation of the airport's primary runway including construction observation services, surveying and testing fees, and construction services.

Project Justification

Portions of the pavement surfaces on Runway 17R/35L are more than 30 years old and showing signs of fatigue. Runway 17R/35L must be maintained to meet FAA regulations and avoid disruption to air service.

Project History

\$26,522,369 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	26,522,369	0	0	0	0	0	0	26,522,369
Total Project Appropriation	26,522,369	0	0	0	0	0	0	26,522,369

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Federal Grant Funding	23,870,132	0	0	0	0	0	0	23,870,132
FY 2011 PFC Revenue CO's	13,791	0	0	0	0	0	0	13,791
FY 2014 PFC Revenue CO's	2,638,446	0	0	0	0	0	0	2,638,446
Total Funding Sources	26,522,369	0	0	0	0	0	0	26,522,369

Managing Department **Aviation Maintenance**

Project Manager **Kelly Campbell**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

The primary objective is to address areas of concern including security inspection space, checked baggage screening, transition from secure circulation to non-secure circulation, the exterior sloping areas, the existing window system, and handicap accessibility issues. The project also includes terminal building re-roofing and HVAC improvements.

Project Justification

The airport master plan contains a long-term list of rehabilitation and improvement projects necessary to maintain airport facilities and to meet the requirements of the FAA. The various elements of this project will address security and operational needs in the airport terminal building.

Project History

The project is included in the Airport Master Plan, approved by City Council in March 2007.
 \$2,836,050 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.
 \$1,800,000 was appropriated in FY 2015-16, Budget Amendment No.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	4,636,050	0	0	0	0	0	0	4,636,050
Total Project Appropriation	4,636,050	0	0	0	0	0	0	4,636,050

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Federal Grant Funding	2,552,445	0	0	0	0	0	0	2,552,445
FY 2015 Airport Revenue CO's	1,800,000	0	0	0	0	0	0	1,800,000
FY 2016 PFC Revenue CO's	283,605	0	0	0	0	0	0	283,605
Total Funding Sources	4,636,050	0	0	0	0	0	0	4,636,050

Managing Department **Aviation Oper - Field Maint.**

Project Manager **Kelly Campbell**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

The project includes phase III of the rehabilitation of the airport's primary runway including construction observation services, surveying and testing fees, and construction services.

Project Justification

Portions of the pavement surfaces on Runway 17R/35L are more than 30 years old and showing signs of fatigue. Runway 17R/35L must be maintained to meet FAA regulations and avoid disruption to air service.

Project History

\$14,310,057 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

\$6,697,763 was appropriated in FY 2014-15 Budget Amendment No. 31, Ord. No. 2015-00084, September 10, 2015.

Reduced appropriation by \$202,958 in FY 2015-16, Budget Amendment No. 16, Ord. No. 2016-00026, 3/10/2016.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	20,804,862	0	0	0	0	0	0	20,804,862
Total Project Appropriation	20,804,862	0	0	0	0	0	0	20,804,862

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Federal Grant Funding	18,907,038	0	0	0	0	0	0	18,907,038
FY 2011 PFC Revenue CO's	466,816	0	0	0	0	0	0	466,816
FY 2015 PFC Revenue CO's	1,431,008	0	0	0	0	0	0	1,431,008
Total Funding Sources	20,804,862	0	0	0	0	0	0	20,804,862

Managing Department **Aviation Oper - Field Maint.**

Project Manager **Kelly Campbell**

Project Classification **Replacement Facility**

Project Status **Approved**



Project Scope

Construction of a new Aircraft Rescue and Firefighting (ARFF) facility and demolition of the existing building.

The project constructs a new fire station, at a more central location, similar in size to the existing Fire Station 11.

Project Justification

The current ARFF facility is outdated and in poor condition.

The primary objective is to relocate the ARFF facility to a more centralized location ensuring emergency response times to the north part of Runway 17R/35L (primary runway) and benefiting all airport users.

Project History

The project is included in the Airport Master Plan, approved by the City Council in March 2007.

\$900,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

\$3.6 million was appropriated in the FY 2015-16 Budget, Ord. No. 2015-00094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	3,600,000	0	0	0	0	288,900	0	3,888,900
Design and Engineering	900,000	0	0	0	0	0	0	900,000
Total Project Appropriation	4,500,000	0	0	0	0	288,900	0	4,788,900

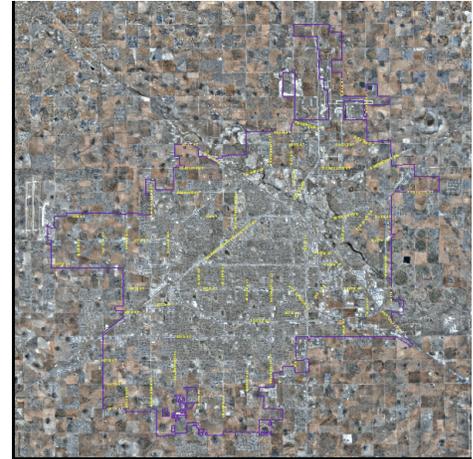
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Federal Grant Funding	4,050,000	0	0	0	0	0	0	4,050,000
FY 2015 Airport Pay-As-You-Go	90,000	0	0	0	0	0	0	90,000
FY 2016 PFC Pay-As-You-Go	360,000	0	0	0	0	0	0	360,000
FY 2021 PFC Pay-As-You-Go	0	0	0	0	0	288,900	0	288,900
Total Funding Sources	4,500,000	0	0	0	0	288,900	0	4,788,900

Managing Department **Aviation Maintenance**

Project Manager **Kelly Campbell**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Procurement and installation of a ground transportation management system that will modernize the current ground transportation operation including implementation of a hardware and software system, solution to facilitate changing business processes, provide more reliable data and richer features and functionalities.

Project Justification

Advances in technology have changed the way passengers arrive and depart airport facilities. Limited roadway infrastructure at LBB can lead to congestion and subsequently passenger safety and security concerns. Installation of a technical solution (geo-fencing or otherwise) for ground transportation will reduce congestion. A technical solution will also change the billing for ground transportation companies; changing from a monthly flat fee to a fee-per-trip system. The system will provide equity for all forms of ground transportation.

Project History

\$200,000 was appropriated in FY 2015-16, Budget Amendment No.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	0	0	0
Other Activities	200,000	0	0	0	0	0	0	200,000
Total Project Appropriation	200,000	0	0	0	0	0	0	200,000

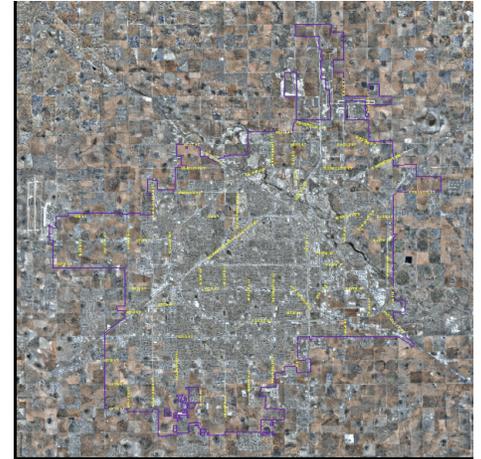
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 Airport Pay-As-You-Go	200,000	0	0	0	0	0	0	200,000
Total Funding Sources	200,000	0	0	0	0	0	0	200,000

Managing Department **Aviation Oper - Field Maint**

Project Manager **Kelly Campbell**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope
 The project will include removal and resealing of all joints in the airfield concrete.

Project Justification
 Preventative maintenance of the airfield pavement is necessary to avoid costly repairs in the future.

Project History
 This project was proposed in the 2006 Master Plan. AIP funds were proposed as the funding source; however, the high costs associated with the Runway 8/26 Improvements project will most likely consume all AIP entitlements for the next 3-5 years. It is more likely this project will be funded with PFC revenue on a future application.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	1,454,722	0	1,454,722
Construction Management Support	0	0	0	0	0	407,008	0	407,008
Design and Engineering	0	260,410	0	0	0	0	0	260,410
Total Project Appropriation	0	260,410	0	0	0	1,861,730	0	2,122,140

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Federal Grant Funding	0	0	0	0	0	1,675,557	0	1,675,557
FY 2017 Airport Pay-As-You-Go	0	260,410	0	0	0	0	0	260,410
FY 2021 PFC Pay-As-You-Go	0	0	0	0	0	186,173	0	186,173
Total Funding Sources	0	260,410	0	0	0	1,861,730	0	2,122,140

Managing Department **Aviation Maintenance**

Project Manager **Kelly Campbell**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

The project combines two projects from the Airport Master Plan: Phase II HVAC Improvements and Terminal Building Remodel/Expansion, and replacement of the roof on the terminal building. The remodel includes modifications to the screening and exit points.

Project Justification

The airport terminal building opened in 1976. Many key components are failing and it is necessary to rehabilitate and/or replace them in order to maintain operations. In addition to the aging infrastructure, the building must be modified to accommodate the screening operations and Transportation Security Administration (TSA) personnel and equipment.

Project History

The project is included in the Airport Master Plan, approved by the City Council in May 2007. Airport Improvement Program (AIP) funds are the primary source of proposed funding along with a local match comprised of Passenger Facility Charge revenue supported Certificates of Obligation. Airport revenue funds will be necessary to fund a portion of the project not eligible for PFC funds or AIP funds.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	20,737,224	6,738,888	3,888,889	0	0	0	31,365,001
Total Project Appropriation	0	20,737,224	6,738,888	3,888,889	0	0	0	31,365,001

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Federal Grant Funding	0	3,737,224	3,364,999	3,500,000	0	0	0	10,602,223
FY 2017 PFC Revenue CO's	0	17,000,000	0	0	0	0	0	17,000,000
FY 2018 Airport Revenue CO's	0	0	3,000,000	0	0	0	0	3,000,000
FY 2018 PFC Revenue CO's	0	0	373,889	0	0	0	0	373,889
FY 2019 PFC Revenue CO's	0	0	0	388,889	0	0	0	388,889
Total Funding Sources	0	20,737,224	6,738,888	3,888,889	0	0	0	31,365,001

Managing Department **Aviation Maintenance**

Project Manager **Kelly Campbell**

Project Classification **Replacement Facility**

Project Status **Requested**



Project Scope

The project funds the construction of rental car facility improvements. Suggested improvements include a consolidated rental car service facility, expansion and rehabilitation of the ready/return parking lot with a covered walk-way to the rental car service areas or construction of a parking garage. Various options will be analyzed during the design phase of the project.

Project Justification

The current service facilities are individually owned by each rental car operator. The buildings are in poor condition and detracts from the overall appearance of the airport property. Building a consolidated facility will improve the aesthetics of the airport property. Customer Facility Charge (CFC) funds will be used for future operating and maintenance costs of the building, ensuring the property remains in good condition.

Expansion and rehabilitation of the ready/return lot will allow the rental car operators to provide better service to customers. Expansion of the lot will also increase airport revenues.

Each rental car operator currently operates a shuttle from the terminal building to the ready/return lot. The operators have requested a covered walk-way as part of the improvements to allow customers to walk to the area in inclement weather conditions resulting in reduced operation of shuttles. The reduction of shuttles will improve safety by decreasing traffic in front of the terminal building. If a parking garage is deemed feasible, it would provide protection for people and property. This option would replace the expansion of the ready/return lot and covered walk-way.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	25,000,000	0	0	0	0	25,000,000
Total Project Appropriation	0	0	25,000,000	0	0	0	0	25,000,000

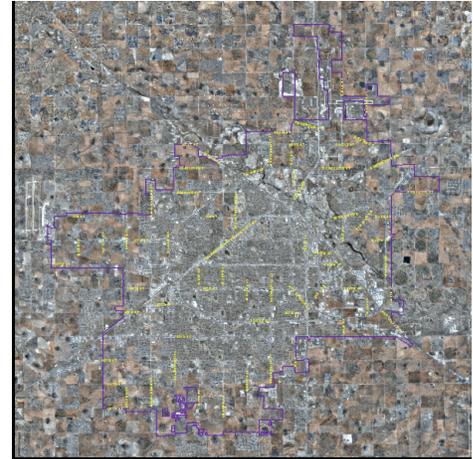
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 CFC Revenue Co's	0	0	25,000,000	0	0	0	0	25,000,000
Total Funding Sources	0	0	25,000,000	0	0	0	0	25,000,000

Managing Department **Aviation Maintenance**

Project Manager **Kelly Campbell**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

Improvements to the Airport terminal building and other airport facilities including: parking garage lighting repair or replacement, painting, encapsulating or removing asbestos, resealing or reconstructing airport roads, improvements to overflow parking, HVAC improvements, and other unanticipated mechanical or technical failures that could occur.

Project Justification

The airport terminal and many of the facilities and roads are in need of repair.

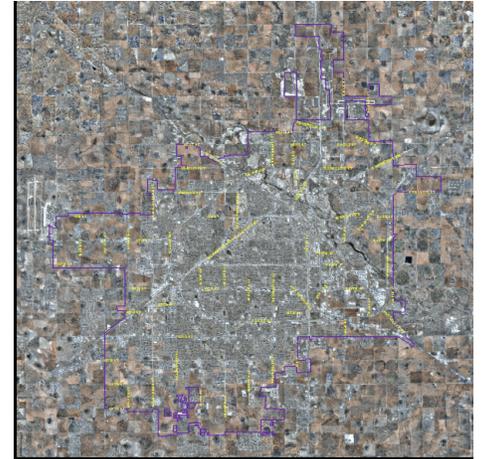
Project History

Beginning in FY 2009-10, funds were set aside in Capital Project 253.92191, Airport Facility Improvements. Several projects have been completed, and for record keeping purposes, a new project is requested. Elements of the original project that were not completed will be addressed in the new project.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	0	0	0	300,000	300,000	300,000	300,000	1,200,000
Total Project Appropriation	0	0	0	300,000	300,000	300,000	300,000	1,200,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 Airport Pay-As-You-Go	0	0	0	300,000	0	0	0	300,000
FY 2020 Airport Pay-As-You-Go	0	0	0	0	300,000	0	0	300,000
FY 2021 Airport Pay-As-You-Go	0	0	0	0	0	300,000	0	300,000
FY 2022 Airport Pay-As-You-Go	0	0	0	0	0	0	300,000	300,000
Total Funding Sources	0	0	0	300,000	300,000	300,000	300,000	1,200,000

Managing Department **Aviation Maintenance**
 Project Manager **Kelly Campbell**
 Project Classification **Upgrade/Major Maintenance**
 Project Status **Requested**



Project Scope

Repair, replacement, and improvements to the HVAC system including but not limited to: Replacement of Air Handling Unit (AHU)-028, Clean AHU -024 cooling coil, Replace existing Greenheck exhaust fan and curb that serves the boiler flue stack, Repair/replace coils in AHU-029, Replace Cooling Tower Cell #2 fan shaft and gear box, Remove sand filter from chilled water loop, Replace AHU(s)-030, 11,12,02,03,01,08,025, 026. Funding request in future years could be necessary depending on the progress of the larger Terminal Building Improvements project.

Project Justification

In a recent study of airport mechanical systems, several components are listed for immediate repair and/or replacement. Many issues will be addressed as part of a larger terminal building improvements project; however, some units must be replaced sooner due to unit deterioration. Some units are 32 years old, show signs of mold, and have exceeded their useful life.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	0	150,000	0	0	0	0	0	150,000
Total Project Appropriation	0	150,000	0	0	0	0	0	150,000

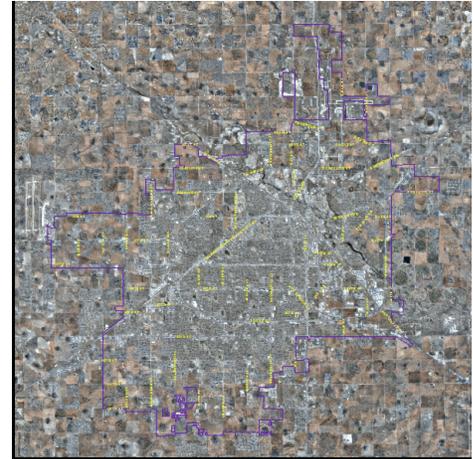
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Airport Pay-As-You-Go	0	150,000	0	0	0	0	0	150,000
Total Funding Sources	0	150,000	0	0	0	0	0	150,000

Managing Department **Aviation Oper - Field Maint**

Project Manager **Kelly Campbell**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

Terminal apron improvements to include: crack seal and spall repair, joint sealing, removal and obliteration of striping, associated runway and taxiway painting, removal and replacement of failing concrete section(s), and installation of an under-drain system.

Project Justification

Portions of the terminal apron are showing signs on fatigue and water penetration. The apron must be maintained to avoid disruptions to air service.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	0	865,352	865,352
Construction Management Support	0	0	0	0	0	0	140,871	140,871
Design and Engineering	0	77,270	0	0	0	0	0	77,270
Total Project Appropriation	0	77,270	0	0	0	0	1,006,223	1,083,493

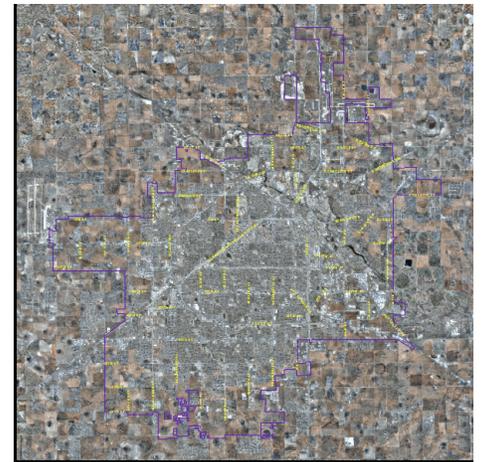
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Federal Grant Funding	0	0	0	0	0	0	905,601	905,601
FY 2017 Airport Pay-As-You-Go	0	77,270	0	0	0	0	0	77,270
FY 2022 PFC Pay-As-You-Go	0	0	0	0	0	0	100,622	100,622
Total Funding Sources	0	77,270	0	0	0	0	1,006,223	1,083,493

Managing Department **Animal Control - Field Ops.**

Project Manager **Kelly Campbell**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

Runway signs on Runway 17R/35L will be re-located to comply with new design standards. All existing incandescent taxiway lighting will be replaced with LED.

Project Justification

To comply with new design standards, runway signage must be re-located.

Taxiway lighting will be converted to LED in order to reduce maintenance and utility costs.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	835,000	0	835,000
Total Project Appropriation	0	0	0	0	0	835,000	0	835,000

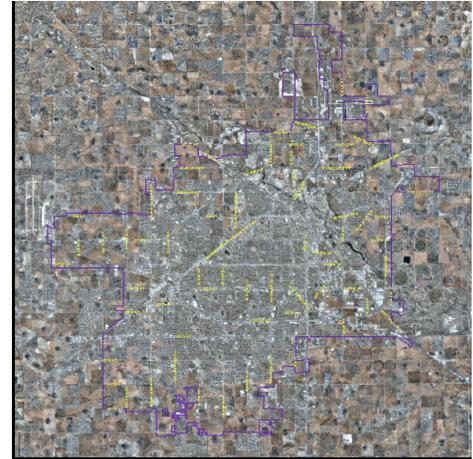
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Federal Grant Funding	0	0	0	0	0	751,500	0	751,500
FY 2021 PFC Pay-As-You-Go	0	0	0	0	0	83,500	0	83,500
Total Funding Sources	0	0	0	0	0	835,000	0	835,000

Managing Department **Aviation Maintenance**

Project Manager **Kelly Campbell**

Project Classification **Administrative**

Project Status **Requested**



Project Scope

The Airport Master Plan will include the following elements: Pre-planning, public involvement, environmental considerations, existing conditions, aviation forecasts, facility improvements, alternatives to development and evaluation, Airport Layout Plan (FAA required), facilities implementation plans, and financial feasibility analysis.

Project Justification

The goal of airport master planning is to provide a framework to guide future airport development that is cost-effective and satisfies the needs of the airport and community.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	0	0	0	0	0	0	1,000,000	1,000,000
Total Project Appropriation	0	0	0	0	0	0	1,000,000	1,000,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Federal Grant Funding	0	0	0	0	0	0	900,000	900,000
FY 2022 PFC Pay-As-You-Go	0	0	0	0	0	0	100,000	100,000
Total Funding Sources	0	0	0	0	0	0	1,000,000	1,000,000

Cemetery

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
92262 Cemetery Permanent Improvements	71,375	0	0	0	0	0	0	71,375
Total Cemetery	71,375	0	0	0	0	0	0	71,375

Cemetery

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2012 Transfer from Cemetery Fund	71,375	0	0	0	0	0	0	71,375
Total Cemetery	71,375	0	0	0	0	0	0	71,375

Managing Department **Cemetery**

Project Manager **Jaime Coy**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Improvements to the Cemetery facilities and property, including irrigation systems, landscaping, structures, roadways, and any other necessary improvements to the Cemetery property.

Project Justification

The cemetery property and facilities are in need of permanent repairs and improvements.

Project History

\$75,649 was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.

Trued up to actual amount of \$71,375, FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	71,375	0	0	0	0	0	0	71,375
Total Project Appropriation	71,375	0	0	0	0	0	0	71,375

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2012 Transfer from Cemetery Fund	71,375	0	0	0	0	0	0	71,375
Total Funding Sources	71,375	0	0	0	0	0	0	71,375



Arts and Entertainment Facilities

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
8594 Coliseum Parking Lot Seal Coat	91,141	0	483,859	0	0	0	0	575,000
91195 Civic Center Renovation	9,126,853	534,696	0	0	0	0	0	9,661,549
92326 Auditorium Air Handler Unit Replacement	432,000	0	168,000	0	0	0	0	600,000
2008085 Auditorium Smoke Vents	0	0	70,000	0	0	0	0	70,000
2008090 Video Production Equipment Replacement	0	0	565,000	0	0	0	0	565,000
2016092 City Bank Coliseum Roof Replacement	0	0	3,500,000	0	0	0	0	3,500,000
2016094 City Bank Auditorium Stage Dimmer Replacement	0	0	350,000	0	0	0	0	350,000
Total Arts and Entertainment Facilities	9,649,994	534,696	5,136,859	0	0	0	0	15,321,549

Arts and Entertainment Facilities

Funding Summary

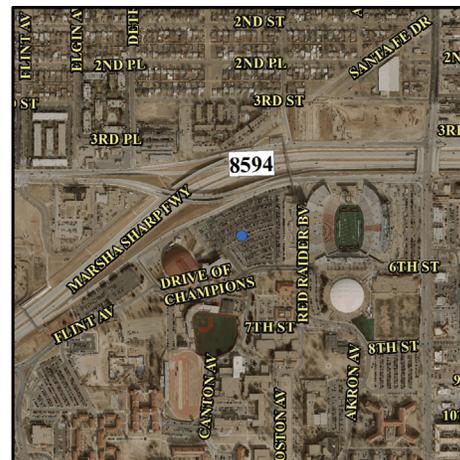
Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Civic Center Capital Project Fund	432,000	0	0	0	0	0	0	432,000
FY 2009 General Obligation Bonds	109,288	0	0	0	0	0	0	109,288
FY 2010 General Obligation Bonds	5,950,000	0	0	0	0	0	0	5,950,000
FY 2018 Civic Center Pay-As-You-Go	0	0	803,000	0	0	0	0	803,000
FY 2018 Tax Supported Revenue CO's	0	0	3,850,000	0	0	0	0	3,850,000
Hotel/Motel Funds	3,158,706	534,696	483,859	0	0	0	0	4,177,261
Total Arts and Entertainment Facilities	9,649,994	534,696	5,136,859	0	0	0	0	15,321,549

Managing Department **Coliseum/auditorium**

Project Manager **Freddy Chavez**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

The project provides for a chip seal overlay of the entire parking surface of the Coliseum parking lot in order to keep moisture from penetrating in between cracks in the existing surface.

Project Justification

The project provides for a seal overlay of the parking lot east of the City Bank Coliseum and Auditorium. The parking lot is utilized year round by students as commuter parking, parking for home football games, and event parking by patrons. The parking lot surface has developed small cracks, which could allow moisture to penetrate into the substrate and freeze during the winter months. The freezing will result in damage to the parking area and could create large pot holes.

Project History

It has been several years since a seal coat has been applied to the surface of this parking lot.

\$100,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

Reduced appropriation by \$8,859 in FY 2014-15 Budget Amendment No. 13, Ord. No. 2015-00051, June 11, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	91,141	0	483,859	0	0	0	0	575,000
Total Project Appropriation	91,141	0	483,859	0	0	0	0	575,000

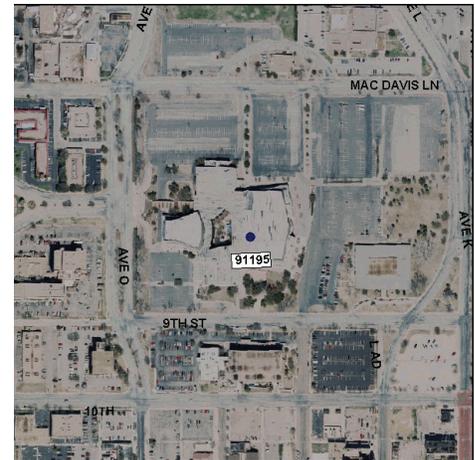
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Hotel/Motel Funds	91,141	0	483,859	0	0	0	0	575,000
Total Funding Sources	91,141	0	483,859	0	0	0	0	575,000

Managing Department **Civic Centers**

Project Manager **Freddy Chavez**

Project Classification **Bond Election Project - 2004**

Project Status **Approved**



Project Scope

The first phase of renovations to the Lubbock Memorial Civic Center was the upgrade and replacement of the heating and cooling equipment in the physical plant that serves both the Civic Center and Mahon Library. The majority of the costs for the physical plant were funded from a Department of Energy American Recovery and Reinvestment Act (ARRA) grant (\$2,109,900). Also included in this phase is the replacement of the physical plant roof and demolition of the water fountain in the Civic Center plaza area.

The next phase includes the refurbishment of all seating in the Civic Center theater; installation of Direct Digital Controls for all heating/cooling equipment; renovation of the restrooms; replacement of carpet and replacement of existing light fixtures surrounding the complex with energy efficient fixtures. Also included is the replacement of light fixtures in the exhibit hall, removal and replacement of existing roofing membrane, and any other necessary improvements/upgrades to the Civic Center. The current valves that control the flow of oil in the four elevator units at the Civic Center are obsolete and no replacement parts are available. This project will upgrade the power unit in each elevator unit, which includes the valve.

This project also includes furnishings, which will provide for the procurement of new banquet style seating to be used throughout the year in various areas of the building, recovering of existing chairs, replacement of chairs utilized in common areas of the facility and all theatrical drapery in the exhibit hall, banquet hall and theater. The project will also provide for the procurement of tables and risers as replacement for existing equipment that is utilized on a daily basis; furniture for the mall area as well.

Project Justification

The Civic Center complex was opened in 1976 and has only seen one major renovation in 1997. Many of the components of the complex are in need of replacement due to age and wear.

Project History

Phase I of the project was developed during the 2004 Citizen Advisory Committee process, recommended as a project in the 2004 bond election, and was approved by Lubbock voters.

\$1.45 million was appropriated in FY 2008-09 Budget, Ord. No. 2008-O0077, September 11, 2008.

\$7,209,288 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.

\$475,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

Reduced appropriation by \$7,435 due to true-up of Hotel Occupancy Tax revenues in FY 2013-14. Actual revenues were less than budgeted which required a reduction in the project funding.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	8,881,853	534,696	0	0	0	0	0	9,416,549
Construction Management Support	100,000	0	0	0	0	0	0	100,000
Design and Engineering	145,000	0	0	0	0	0	0	145,000
Total Project Appropriation	9,126,853	534,696	0	0	0	0	0	9,661,549

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2009 General Obligation Bonds	109,288	0	0	0	0	0	0	109,288
FY 2010 General Obligation Bonds	5,950,000	0	0	0	0	0	0	5,950,000
Hotel/Motel Funds	3,067,565	534,696	0	0	0	0	0	3,602,261
Total Funding Sources	9,126,853	534,696	0	0	0	0	0	9,661,549

Managing Department **Coliseum/auditorium**

Project Manager **Freddy Chavez**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope

The project provides for the removal of three air handling units located above the ceiling at the auditorium, and the installation of new units that would be located on top of the roof. The new units would tie into the existing duct work located above the ceiling.

Project Justification

The three large air handling units at the City Bank Auditorium have coils that are no longer functional due to exceeding their useful life. This has resulted in the inability to control the comfort levels in the facility. The inability to cool the venue during summer months does not allow staff to rent it for events during the late spring through early fall time frame.

Project History

\$432,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	432,000	0	168,000	0	0	0	0	600,000
Total Project Appropriation	432,000	0	168,000	0	0	0	0	600,000

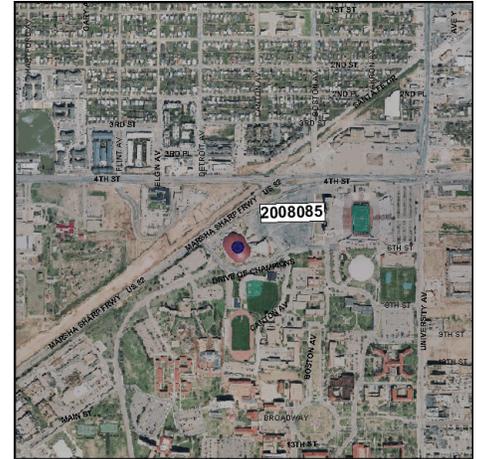
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Civic Center Capital Project Fund	432,000	0	0	0	0	0	0	432,000
FY 2018 Civic Center Pay-As-You-Go	0	0	168,000	0	0	0	0	168,000
Total Funding Sources	432,000	0	168,000	0	0	0	0	600,000

Managing Department **Coliseum/auditorium**

Project Manager **Freddy Chavez**

Project Classification **Replacement Equipment/Fleet**

Project Status **Requested**



Project Scope
 This project replaces the existing smoke vent doors.

Project Justification
 The existing smoke vents located above the auditorium stage were installed in 1996 and have experienced severe wind damage to the exterior skin. The outer metal skin welds are beginning to fail and are peeling off. The damage has caused water leaks which will damage the wooden stage below.

Project History
 The existing units are nineteen years old and are no longer under warranty.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	70,000	0	0	0	0	70,000
Design and Engineering	0	0	0	0	0	0	0	0
Total Project Appropriation	0	0	70,000	0	0	0	0	70,000

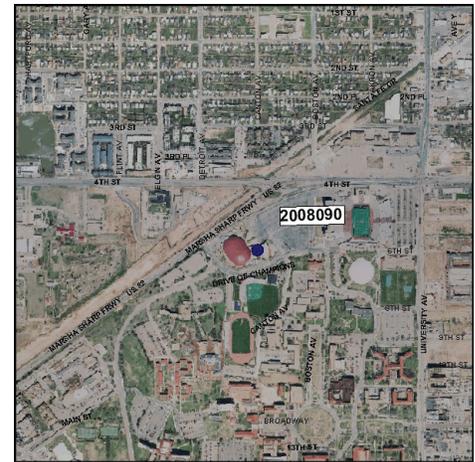
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Civic Center Pay-As-You-Go	0	0	70,000	0	0	0	0	70,000
Total Funding Sources	0	0	70,000	0	0	0	0	70,000

Managing Department **Coliseum/auditorium**

Project Manager **Freddy Chavez**

Project Classification **Replacement Equipment/Fleet**

Project Status **Requested**



Project Scope

This project would provide for the procurement of video boards and various cameras, monitors, computer graphics, misc. cables and other types of production equipment

Project Justification

The existing video boards and production equipment were purchased and installed in 1999 and are utilized during major events such as indoor football, concerts and rodeos. The equipment is now over fifteen years old and in need of replacement. A majority of the components are electronics and some are not serviceable, therefore in need of either being updated or replaced.

Project History

This equipment is utilized by various events held in the Coliseum to enhance the patron's experience. Monitors are located throughout the facility, which allows a patron to visit the concession stands without missing any of the show.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	0	0	565,000	0	0	0	0	565,000
Total Project Appropriation	0	0	565,000	0	0	0	0	565,000

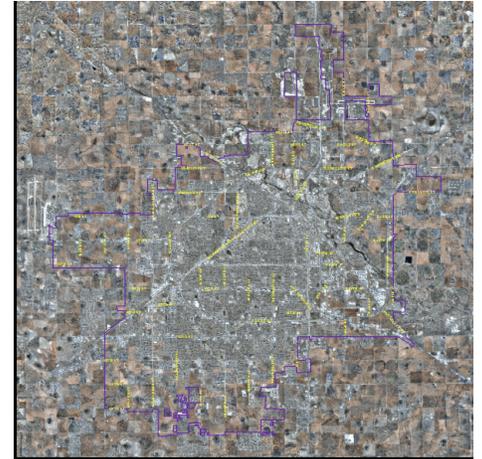
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Civic Center Pay-As-You-Go	0	0	565,000	0	0	0	0	565,000
Total Funding Sources	0	0	565,000	0	0	0	0	565,000

Managing Department **Coliseum/auditorium**

Project Manager **Freddy Chavez**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

This project would provide for the removal of the existing roofing membrane so as minimize the overall weight being placed on the structure. A new membrane designed specifically for this type of venue and its application would be installed.

Project Justification

The existing roofing system has surpassed its life expectancy and visible signs of wind and hail damage throughout the entire exterior field are present. The facility is used by various organizations for both annual events and special events, such as concerts, family shows and banquets.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	3,300,000	0	0	0	0	3,300,000
Design and Engineering	0	0	200,000	0	0	0	0	200,000
Total Project Appropriation	0	0	3,500,000	0	0	0	0	3,500,000

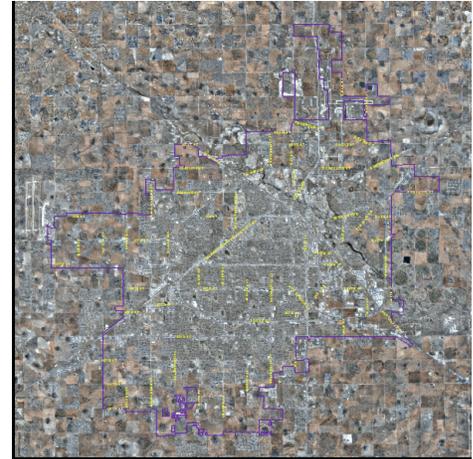
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Tax Supported Revenue CO's	0	0	3,500,000	0	0	0	0	3,500,000
Total Funding Sources	0	0	3,500,000	0	0	0	0	3,500,000

Managing Department **Coliseum/auditorium**

Project Manager **Freddy Chavez**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

This project involves the installation of new dimmer and control modules in the auditorium basement. The new modules would allow for the use of lighting instruments that provide required lighting for events.

Project Justification

The stage lighting dimmer system was damaged in February 2007 from a water leak. The majority of the dimmer modules and processing modules cannot be reconditioned and must be replaced. Without new modules the auditorium stage lighting will limit the type of events using the facility and require events to cover the cost of renting their own independent dimmer system at an additional cost.

Project History

Funding was approved in FY 2007-2008 for some repairs to the system.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	0	0	350,000	0	0	0	0	350,000
Total Project Appropriation	0	0	350,000	0	0	0	0	350,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Tax Supported Revenue CO's	0	0	350,000	0	0	0	0	350,000
Total Funding Sources	0	0	350,000	0	0	0	0	350,000

Lubbock Power and Light Utility

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years					Total Appropriation	
		2016-17	2017-18	2018-19	2019-20	2020-21		2021-22
AUTOTRANSFORMERS								
92407	Autotransformer - Southeast	\$ 150,000	850,000	-	-	-	-	1,000,000
2016022	Autotransformer - Co-op	-	400,000	3,675,000	-	-	-	4,075,000
2016024	Autotransformer - Vicksburg	-	400,000	-	3,755,000	-	-	4,155,000
2016025	Autotransformer - Mackenzie	-	400,000	-	3,755,000	-	-	4,155,000
CAPACITY UPGRADES								
92402	Substation Capacity Upgrade - Chalker	11,267,590	-	-	-	-	-	11,267,590
2012098	Substation Capacity Upgrade - Erskine	-	-	-	270,000	-	2,550,000	2,820,000
2015026	Substation Capacity Upgrade - McDonald	-	5,000,000	-	-	-	-	5,000,000
2015027	Substation Capacity Upgrade - Co-op	-	-	-	4,255,000	-	-	4,255,000
2015028	Substation Capacity Upgrade - Slaton	-	400,000	3,675,000	-	-	-	4,075,000
2015029	Substation Capacity Upgrade - Mackenzie	-	-	-	425,000	3,910,000	-	4,335,000
FUTURE SUBSTATIONS								
2014025	Future Substation - Matador	-	-	-	530,000	-	4,995,000	5,525,000
2015030	Future Substation - Live Oak	-	-	-	-	-	555,000	555,000
2015076	Future Substation - Juneau	-	-	-	745,000	6,845,000	-	7,590,000
2015078	Future Substation - Frankford	-	-	-	530,000	-	4,995,000	5,525,000
2015079	Future Substation - Planters	-	-	-	-	-	555,000	555,000
2015080	Future Substation - North	-	500,000	-	4,690,000	-	-	5,190,000
2016030	Future Substation - New Oliver 345kV	-	1,600,000	14,700,000	-	-	-	16,300,000
2016031	Future Substation - North Addition 345kV	-	1,600,000	14,700,000	-	-	-	16,300,000
2016032	Future Substation - New Wadsworth 345kV	-	1,600,000	14,700,000	-	-	-	16,300,000
2016034	Future Substation - Red Raider	-	500,000	-	4,690,000	-	-	5,190,000
92273	Substation Land Acquisition	4,065,000	3,000,000	-	-	-	-	7,065,000
SUBSTATION REBUILDS								
2016026	Substation Rebuild - Holly	-	1,500,000	-	14,075,000	-	-	15,575,000
2016027	Substation Rebuild - Oliver	-	3,000,000	-	-	-	-	3,000,000
2016028	Substation Rebuild - Co-op	-	300,000	2,755,000	-	-	-	3,055,000
2016029	Substation Rebuild - Slaton	-	900,000	-	8,445,000	-	-	9,345,000
SUBSTATION PROJECTS								
92380	Feeder Circuits - Northwest	404,200	205,000	210,000	215,000	215,000	-	1,249,200
92408	69kV Capacitor Upgrade - Vicksburg	50,000	-	-	-	-	-	50,000
92410	69kV Capacitor Upgrade - Slaton	50,000	-	-	-	-	-	50,000
92411	Substation Battery Replacement	120,000	200,000	165,000	165,000	170,000	-	820,000
92412	Substation RTU Replacement	150,000	150,000	155,000	155,000	160,000	-	770,000
2015025	115kV Bus Expansion - Mackenzie	-	1,000,000	-	-	-	-	1,000,000
2016160	Substation Office Renovation	-	115,000	-	-	-	-	115,000

Lubbock Power and Light Utility

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	
DISPATCH/GIS/SCADA								
8602 Capacitor Controller Change Out	\$ 76,575	75,000	-	-	-	-	-	151,575
92331 Fiberoptic Communications	250,000	155,000	155,000	160,000	-	-	-	720,000
92332 T&D Grid Information Systems	1,260,500	1,800,000	460,000	470,000	480,000	490,000	500,000	5,460,500
92341 Directional Fault Indicators	307,100	-	-	-	-	-	-	307,100
92373 Dispatch Control Center - EOC	1,563,662	-	-	-	-	-	-	1,563,662
92428 T&D Center Renovations	1,088,000	-	-	-	-	-	-	1,088,000
LINE REBUILDS								
92379 Quaker Storm Water Project - Feeder Rebuild	300,000	-	-	-	-	-	-	300,000
92403 69/115kV Line Rebuild: Thompson-Vicksburg	120,000	980,000	-	-	-	-	-	1,100,000
92405 69/115kV Line Rebuild: Chalker-Thompson	225,000	1,575,000	-	-	-	-	-	1,800,000
92406 69/115kV Line Rebuild: Chalker-Oliver	225,000	1,475,000	-	-	-	-	-	1,700,000
2015016 69/115kV Line Rebuild: Brandon-Vicksburg	-	300,000	-	3,960,000	-	-	-	4,260,000
2015017 69/115kV Line Rebuild: Brandon-Erskine	-	30,000	-	490,000	-	-	-	520,000
2015018 69/115kV Line Rebuild: Erskine-Mackenzie	-	2,200,000	-	-	-	-	-	2,200,000
2016035 69/115kV Line Rebuild: Holly-Southeast	-	250,000	-	3,180,000	-	-	-	3,430,000
2016036 69/115kV Line Rebuild: Holly-Slaton	-	200,000	-	2,815,000	-	-	-	3,015,000
2016038 69/115kV Line Rebuild: Southeast-Oliver	-	1,800,000	-	-	-	-	-	1,800,000
2016175 69/115kV Line Rebuild: Co-op to Mackenzie	-	275,000	-	2,580,000	-	-	-	2,855,000
2016176 69/115kV Line Reconductor - Holly to Wadsworth	-	100,000	510,000	-	-	-	-	610,000
2016177 69/115kV Line Reconductor - Co-op to Wadsworth	-	100,000	355,000	-	-	-	-	455,000
LINE UPGRADES/CONSTRUCTION								
8585 Air Switch Replacement	376,200	-	-	215,000	-	-	-	591,200
92282 Downtown Redevelopment Underground	2,505,500	510,000	520,000	-	-	-	-	3,535,500
92344 Distribution Line Equipment	100,000	-	-	-	-	-	-	100,000
92404 115kV Line Construction – Northwest to Mackenzie	750,000	15,250,000	-	-	-	-	-	16,000,000
2016037 Infrastructure Upgrade - Lubbock State School	-	600,000	-	-	-	-	-	600,000
ANNUAL PROJECTS								
2016066 FY 2016-17 Substation Relay Upgrade	-	510,000	520,000	530,000	545,000	555,000	565,000	3,225,000
2016067 FY 2016-17 Sub. Breaker Repl. - Transmission	-	765,000	780,000	800,000	815,000	830,000	850,000	4,840,000
2016039 FY 2016-17 Sub. Breaker Repl. - Distribution	-	125,000	130,000	130,000	135,000	135,000	140,000	795,000
2016068 FY 2016-17 15 kV System Reconductor or Rebuild	-	510,000	780,000	1,065,000	1,085,000	1,110,000	1,135,000	5,685,000
2016069 FY 2016-17 Service Distribution	-	510,000	520,000	530,000	545,000	555,000	565,000	3,225,000
2016070 FY 2016-17 Underground Distribution	-	2,035,000	2,075,000	2,120,000	2,165,000	2,210,000	2,255,000	12,860,000
2016071 FY 2016-17 Overhead Lines	-	1,780,000	1,815,000	1,855,000	1,890,000	1,930,000	1,970,000	11,240,000
2016073 FY 2016-17 Street Lights	-	350,000	355,000	365,000	375,000	380,000	390,000	2,215,000
2016074 FY 2016-17 Distribution Transformers	-	2,555,000	2,605,000	2,660,000	2,715,000	2,775,000	2,830,000	16,140,000

Lubbock Power and Light Utility

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years					Total Appropriation	
		2016-17	2017-18	2018-19	2019-20	2020-21		2021-22
MASSENGALE								
92413 MGL - Control System Upgrade	\$ 1,000,000	2,600,000	-	-	-	-	-	3,600,000
2016130 MGL - Generator Overhaul	-	-	355,000	-	-	-	-	355,000
2016131 MGL - Gas Turbine Overhaul	-	-	-	-	-	1,630,000	-	1,630,000
2016132 MGL - Generator #7 Overhaul	-	-	355,000	-	-	-	-	355,000
2016133 MGL - Steam Turbine #7 Overhaul	-	-	355,000	-	-	-	-	355,000
2016135 MGL - Generator #6 Overhaul	-	-	-	365,000	-	-	-	365,000
2016136 MGL - Steam Turbine #6 Overhaul	-	-	-	365,000	-	-	-	365,000
2016144 MGL - Office/Warehouse	-	1,500,000	-	-	-	-	-	1,500,000
2016145 MGL - Power Upgrade	-	-	100,000	940,000	-	-	-	1,040,000
2016178 MGL - Protective Relays	-	300,000	2,755,000	-	-	-	-	3,055,000
BRANDON								
2015054 BRN - Hot Section Overhaul	-	-	-	-	2,265,000	-	-	2,265,000
2016129 BRN - Generator Overhaul	-	-	-	-	-	380,000	-	380,000
2016141 BRN - Control System Upgrade	-	-	100,000	415,000	-	-	-	515,000
2016142 BRN - Halon System Replacement	-	-	-	-	215,000	-	-	215,000
2016179 BRN - Protective Relays	-	-	-	-	320,000	2,825,000	-	3,145,000
COOKE								
2016021 CKE - GT2 Control System Upgrade	-	345,000	-	-	-	-	-	345,000
2016050 CKE - GT3 Control System Upgrade	-	475,000	-	-	-	-	-	475,000
2016051 CKE - GT3 Inlet Filter House	-	600,000	-	-	-	-	-	600,000
2016116 CKE - Gas Yard Metering Station	-	100,000	410,000	-	-	-	-	510,000
2016117 CKE - Roofing Projects	-	75,000	-	-	-	-	-	75,000
2016124 CKE - GT2 Generator Overhaul	-	350,000	-	-	-	-	-	350,000
2016125 CKE - GT2 Turbine Overhaul	-	-	-	-	-	545,000	-	545,000
2016126 CKE - GT3 Turbine Overhaul	-	-	-	-	-	-	555,000	555,000
2016128 CKE - GT3 Generator Overhaul	-	-	355,000	-	-	-	-	355,000
2016180 CKE - Protective Relays	-	-	-	-	320,000	2,825,000	-	3,145,000
OTHER								
2014045 Customer Service Information Systems	-	2,000,000	18,070,000	14,385,000	4,255,000	2,175,000	-	40,885,000
2016115 Mobile Workforce Management System	-	500,000	1,020,000	-	-	-	-	1,520,000
2016156 FY 2016-17 Vehicles and Equipment	-	1,670,000	1,705,000	1,740,000	1,780,000	1,815,000	1,855,000	10,565,000
Total Lubbock Power and Light Utility	\$ 26,404,327	70,950,000	91,895,000	82,080,000	27,205,000	33,920,000	27,260,000	359,714,327

Lubbock Power and Light

FERC Category Summary

FERC Category	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	
Regional/General	\$ 3,912,162	5,970,000	21,255,000	16,595,000	6,515,000	4,480,000	2,355,000	61,082,162
Distribution	4,069,575	14,655,000	12,685,000	9,155,000	14,075,000	13,005,000	11,835,000	79,479,575
Production	1,000,000	6,345,000	4,785,000	2,085,000	3,120,000	8,205,000	555,000	26,095,000
T&D	15,602,590	4,465,000	320,000	9,700,000	2,135,000	6,845,000	11,100,000	50,167,590
Transmission	1,820,000	39,515,000	52,850,000	44,545,000	1,360,000	1,385,000	1,415,000	142,890,000
	26,404,327	70,950,000	91,895,000	82,080,000	27,205,000	33,920,000	27,260,000	359,714,327

Lubbock Power and Light

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	
PAY-AS-YOU-GO								
FY 2012 LP&L Pay-As-You-Go	\$ 490,000	-	-	-	-	-	-	490,000
FY 2014 LP&L Pay-As-You-Go	1,057,000	-	-	-	-	-	-	1,057,000
FY 2015 LP&L Pay-As-You-Go	500,000	-	-	-	-	-	-	500,000
FY 2016 LP&L Pay-As-You-Go	1,097,575	-	-	-	-	-	-	1,097,575
FY 2017 LP&L Pay-As-You-Go	-	15,240,000	-	-	-	-	-	15,240,000
FY 2018 LP&L Pay-As-You-Go	-	-	17,660,000	-	-	-	-	17,660,000
FY 2019 LP&L Pay-As-You-Go	-	-	-	14,350,000	-	-	-	14,350,000
FY 2020 LP&L Pay-As-You-Go	-	-	-	-	13,915,000	-	-	13,915,000
FY 2021 LP&L Pay-As-You-Go	-	-	-	-	-	20,990,000	-	20,990,000
FY 2022 LP&L Pay-As-You-Go	-	-	-	-	-	-	18,605,000	18,605,000
Total Pay-As-You-Go	3,144,575	15,240,000	17,660,000	14,350,000	13,915,000	20,990,000	18,605,000	103,904,575
20-YEAR CERTIFICATES OF OBLIGATION								
FY 2009 20-Year LP&L Certificates of Obligation	49,189	-	-	-	-	-	-	49,189
FY 2010 20-Year LP&L Certificates of Obligation	180,808	-	-	-	-	-	-	180,808
Total Certificates of Obligation	229,997	-	-	-	-	-	-	229,997
10-YEAR LP&L REVENUE BONDS								
FY 2013 10-Year LP&L Revenue Bonds	290,000	-	-	-	-	-	-	290,000
FY 2016 10-Year LP&L Revenue Bonds	1,780,500	-	-	-	-	-	-	1,780,500
FY 2017 10-Year LP&L Revenue Bonds	-	4,950,000	-	-	-	-	-	4,950,000
FY 2018 10-Year LP&L Revenue Bonds	-	-	18,390,000	-	-	-	-	18,390,000
FY 2019 10-Year LP&L Revenue Bonds	-	-	-	14,705,000	-	-	-	14,705,000
FY 2020 10-Year LP&L Revenue Bonds	-	-	-	-	6,850,000	-	-	6,850,000
FY 2021 10-Year LP&L Revenue Bonds	-	-	-	-	-	2,175,000	-	2,175,000
Total 10-Year LP&L Revenue Bonds	2,070,500	4,950,000	18,390,000	14,705,000	6,850,000	2,175,000	-	49,140,500

Lubbock Power and Light

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	
20-YEAR LP&L REVENUE BONDS								
FY 2013 20-Year LP&L Revenue Bonds	\$ 1,102,007	-	-	-	-	-	-	1,102,007
FY 2014 20-Year LP&L Revenue Bonds	9,787,248	-	-	-	-	-	-	9,787,248
FY 2015 20-Year LP&L Revenue Bonds	2,000,000	-	-	-	-	-	-	2,000,000
FY 2016 20-Year LP&L Revenue Bonds	4,500,000	-	-	-	-	-	-	4,500,000
FY 2017 20-Year LP&L Revenue Bonds	-	14,520,000	-	-	-	-	-	14,520,000
FY 2018 20-Year LP&L Revenue Bonds	-	-	4,295,000	-	-	-	-	4,295,000
FY 2019 20-Year LP&L Revenue Bonds	-	-	-	9,810,000	-	-	-	9,810,000
FY 2020 20-Year LP&L Revenue Bonds	-	-	-	-	6,440,000	-	-	6,440,000
FY 2021 20-Year LP&L Revenue Bonds	-	-	-	-	-	10,755,000	-	10,755,000
FY 2022 20-Year LP&L Revenue Bonds	-	-	-	-	-	-	8,655,000	8,655,000
Total 20-Year LP&L Revenue Bonds	17,389,255	14,520,000	4,295,000	9,810,000	6,440,000	10,755,000	8,655,000	71,864,255
30-YEAR LP&L REVENUE BONDS								
FY 2016 30-Year LP&L Revenue Bonds	1,570,000	-	-	-	-	-	-	1,570,000
FY 2017 30-Year LP&L Revenue Bonds	-	38,240,000	-	-	-	-	-	38,240,000
FY 2018 30-Year LP&L Revenue Bonds	-	-	51,550,000	-	-	-	-	51,550,000
FY 2019 30-Year LP&L Revenue Bonds	-	-	-	43,215,000	-	-	-	43,215,000
Total 30-Year LP&L Revenue Bonds	1,570,000	38,240,000	51,550,000	43,215,000	-	-	-	134,575,000
Lubbock Power and Light	\$ 24,404,327	72,950,000	91,895,000	82,080,000	27,205,000	33,920,000	27,260,000	359,714,327



Solid Waste Utility

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
92308 Landfill Improvements	75,000	0	0	0	0	0	0	75,000
92350 Southside Office Building Expansion	275,380	157,600	0	0	0	0	0	432,980
92390 Cell 5 Development 2252	6,379,200	0	0	0	0	0	0	6,379,200
92391 Landfill 69 Shop Renovation	312,500	0	0	0	0	0	0	312,500
92393 Cell VI Final Expansion at 69	571,767	0	0	0	0	0	0	571,767
92422 Landfill 69 Gas Collection System Replacement	352,550	0	0	0	0	0	0	352,550
92426 Solid Waste Vehicle Replacement FY 15-16	256,603	0	0	0	0	0	0	256,603
2010092 Landfill 69 Groundwater Remediation	0	500,000	0	0	0	0	0	500,000
2015057 Landfill 69 Flare Gas Pipeline	0	0	250,000	0	0	0	0	250,000
2015063 Closure of Cell VI at 69 Landfill	0	0	0	0	973,720	0	0	973,720
2016063 Gates and Fencing	0	71,628	0	0	0	0	0	71,628
2016088 Fleet/Solid Waste Complex Exterior Renovations	0	193,000	0	0	0	0	0	193,000
Total Solid Waste Utility	8,223,000	922,228	250,000	0	973,720	0	0	10,368,948

Solid Waste Utility

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2010 Solid Waste Revenue CO's	151	0	0	0	0	0	0	151
FY 2011 Solid Waste Revenue CO's	1,393,867	0	0	0	0	0	0	1,393,867
FY 2013 Solid Waste Pay-As-You-Go	75,000	0	0	0	0	0	0	75,000
FY 2014 Solid Waste Revenue CO's	275,380	0	0	0	0	0	0	275,380
FY 2015 Solid Waste Pay-As-You-Go	347,500	0	0	0	0	0	0	347,500
FY 2016 10-Year Solid Waste Revenue CO's	4,985,182	0	0	0	0	0	0	4,985,182
FY 2016 7-Year Solid Waste Revenue CO's	889,317	0	0	0	0	0	0	889,317
FY 2016 Solid Waste Pay-As-You-Go	256,603	0	0	0	0	0	0	256,603
FY 2017 5-Year Solid Waste Revenue CO's	0	500,000	0	0	0	0	0	500,000
FY 2017 Solid Waste Pay-As-You-Go	0	264,628	0	0	0	0	0	264,628
FY 2017 Solid Waste Revenue CO's	0	157,600	0	0	0	0	0	157,600
FY 2018 Solid Waste Pay-As-You-Go	0	0	250,000	0	0	0	0	250,000
FY 2020 Solid Waste Pay-As-You-Go	0	0	0	0	973,720	0	0	973,720
Total Solid Waste Utility	8,223,000	922,228	250,000	0	973,720	0	0	10,368,948

Managing Department **Solid Waste Disposal**

Project Manager **Catrennia Williamson**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Two storage buildings-one at each landfill.

Costs include concrete slab, wiring, and finish out - shelving.

Project Justification

Landfill improvements are needed to store records and other equipment that there is no place for.

A storage building is needed at Caliche Canyon Landfill in order to store records. Currently, records are stored in an old land to sea container that is leaking. Texas Administrative Code (TAC) 330.125 requires that landfills maintain records for the life of the landfill and the thirty years of post closure care. The records are not currently being maintained in a compliant manner. In addition, the storage building will house a backup generator that supplies power to the scalehouse.

A storage building is needed to house a newly purchased tire cutter and derimmer. There is no place to store this piece of equipment so it would have to sit outside.

Project History

\$132,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.

Reduced by \$57,000 in FY 2013-14, May 11, 2014, management reduction due to lower cost expected.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	75,000	0	0	0	0	0	0	75,000
Total Project Appropriation	75,000	0	0	0	0	0	0	75,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2013 Solid Waste Pay-As-You-Go	75,000	0	0	0	0	0	0	75,000
Total Funding Sources	75,000	0	0	0	0	0	0	75,000

Managing Department **Recycling Collection**

Project Manager **Penny Morin**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Design and construct new office building to meet current building code at 1631 84th Street for Solid Waste Collection and Recycling operations. Construction will include office space, crew break area, storage, restrooms, and meeting area. Original structure will remain as is and will be used for repair operations.

Project Justification

The original plan was to expand the original structure. However, meeting current building codes was not possible. The new building is needed to house additional staff. Currently 9 staff members work out of the current building but an additional 11 employees will be housed and work out of the new building. The new additional space will adequately accommodate foremen offices, crew room, and a larger meeting space for trainings, safety meetings, etc.

Project History

The southside building has been the reporting site for recycling, roll-off, container sets, and fence repair crews for over 25 years as well as for heavy equipment operators and Recycling foreman.

\$275,380 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	234,073	157,600	0	0	0	0	0	391,673
Design and Engineering	41,307	0	0	0	0	0	0	41,307
Total Project Appropriation	275,380	157,600	0	0	0	0	0	432,980

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2014 Solid Waste Revenue CO's	275,380	0	0	0	0	0	0	275,380
FY 2017 Solid Waste Revenue CO's	0	157,600	0	0	0	0	0	157,600
Total Funding Sources	275,380	157,600	0	0	0	0	0	432,980

Managing Department **Solid Waste Disposal**

Project Manager **Catrennia Williamson**

Project Classification **New Facility**

Project Status **Approved**



Project Scope

Excavation of soil from a 17.8 acre area for a fifth cell at the landfill. The cell will be 1,550 feet long, 500 feet wide and average 58 feet in depth. Once excavation is complete, a geocomposite liner and leachate collection system will be installed and covered with two feet of protective soil cover. Following Texas Commission on Environmental Quality (TCEQ) approval of the cell liner report, the cell will be permitted to accept waste. The cell development will also include construction of litter fencing to control and manage windblown litter, installation of a concrete pad at the fuel site, seeding of excavated soil stockpile and an installation of an additional leachate evaporation pond.

Project Justification

The West Texas Region Disposal Facility, TCEQ permit 2252, has been approved by the TCEQ for a total of 30 cells. Cell 4 began accepting waste in November 2011. Cells 1, 2, and 3 are already filled with waste to ground surface level. Usable space below ground surface in cell 4 has been filled. The development of a new cell will take one year and six months. Therefore, the design and bid development will begin in FY 2014-15. Construction of the cell will begin in FY 15-16.

Project History

\$1,177,048 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

\$5,202,152 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	6,091,700	0	0	0	0	0	0	6,091,700
Design and Engineering	287,500	0	0	0	0	0	0	287,500
Total Project Appropriation	6,379,200	0	0	0	0	0	0	6,379,200

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2010 Solid Waste Revenue CO's	151	0	0	0	0	0	0	151
FY 2011 Solid Waste Revenue CO's	1,393,867	0	0	0	0	0	0	1,393,867
FY 2016 10-Year Solid Waste Revenue CO's	4,985,182	0	0	0	0	0	0	4,985,182
Total Funding Sources	6,379,200	0	0	0	0	0	0	6,379,200

Managing Department **Solid Waste Disposal**

Project Manager **Catrennia Williamson**

Project Classification **Replacement Facility**

Project Status **Approved**



Project Scope

The project includes the renovation of the existing building to make it more usable as a shop. The project will also include a storm shelter for employee and citizen safety.

Project Justification

The current shop at landfill 69 is a metal building with a concrete floor. The building is not weather tight nor vector proof. There is currently no hot water to the building and the plumbing fixtures need to be replaced. There is no room to secure tools and supplies, and the building is not wired to provide adequate lighting to utilize as a shop. There is no heating or cooling to the breakroom.

Project History

The current shop at Caliche Canyon Landfill, Texas Commission on Environmental Quality MSW Permit 69, was constructed in the late 1960s.

\$312,500 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	312,500	0	0	0	0	0	0	312,500
Total Project Appropriation	312,500	0	0	0	0	0	0	312,500

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Solid Waste Pay-As-You-Go	312,500	0	0	0	0	0	0	312,500
Total Funding Sources	312,500	0	0	0	0	0	0	312,500

Managing Department **Solid Waste Disposal**

Project Manager **Catrennia Williamson**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

The project includes completion of excavation and lining of an area immediately east of the existing lined cell area. The new cell will provide 3 additional years of space for construction and demolition material, and provide revenue to the City.

Project Justification

The project is needed to provide a place for citizens and construction companies to dispose of construction and demolition material. The expansion of this cell saves space and reduces traffic to the new landfill. The current lined portion of the cell is estimated to reach capacity in August 2019. If the project is not completed, the TCEQ will have to approve filling in the partially excavated area with soil at a cost to the City.

Completing this project at the same time that Cell 5 at 2252 is developed has the potential to save the City money.

Project History

\$35,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

\$536,767 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	571,767	0	0	0	0	0	0	571,767
Total Project Appropriation	571,767	0	0	0	0	0	0	571,767

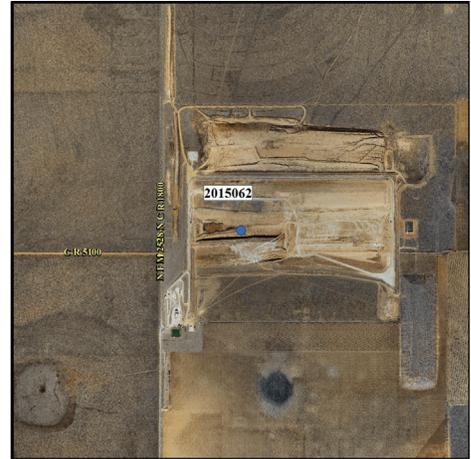
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Solid Waste Pay-As-You-Go	35,000	0	0	0	0	0	0	35,000
FY 2016 7-Year Solid Waste Revenue CO's	536,767	0	0	0	0	0	0	536,767
Total Funding Sources	571,767	0	0	0	0	0	0	571,767

Managing Department **Solid Waste Disposal**

Project Manager **Catrennia Williamson**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

The methane gas lines that collect gas from the eastern portion of the landfill will be excavated and either replaced or regraded to ensure maximum methane gas flow to the flare.

Project Justification

The methane gas collection system was required to be installed at the Caliche Canyon Landfill 14 years ago. Over time buried waste subsides and shifts under the landfill cap. The methane gas collection lines are made of HDPE plastic pipe and have settled inhibiting the methane gas to properly flow to the flare.

Project History

\$352,550 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	352,550	0	0	0	0	0	0	352,550
Total Project Appropriation	352,550	0	0	0	0	0	0	352,550

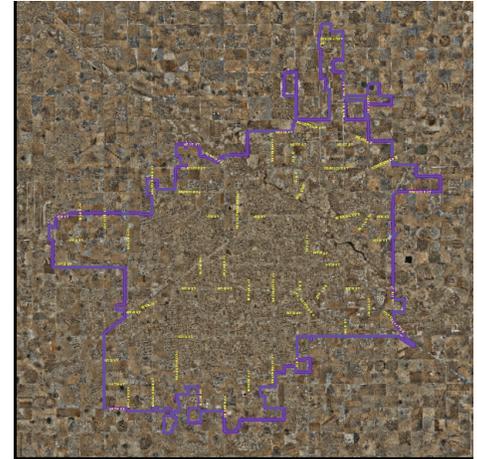
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 7-Year Solid Waste Revenue CO's	352,550	0	0	0	0	0	0	352,550
Total Funding Sources	352,550	0	0	0	0	0	0	352,550

Managing Department **Solid Waste Disposal**

Project Manager **Scott Snider**

Project Classification **Replacement Equipment/Fleet**

Project Status **Approved**



Project Scope

This project is for the annual vehicle replacement for Solid Waste Fund.

5512 Alley Maintenance

Truck Tractor (replace 82000100)- 143,425

5514 Inmate Clean-Up

ExMark ZRT 72" Mower (replace 92009187) - 17,000

1 Ton Crew Cab Pickup (replace 32005085) - 32,025

5515 Landfill

Mower (replace 92006213) - 25,153

5519 Recycling Collection

Bobcat Loader (replace 92006260)- 39,000

Project Justification

Replacement of vehicles and equipment that are at the end of their useful life.

Project History

\$256,603 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	256,603	0	0	0	0	0	0	256,603
Total Project Appropriation	256,603	0	0	0	0	0	0	256,603

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 Solid Waste Pay-As-You-Go	256,603	0	0	0	0	0	0	256,603
Total Funding Sources	256,603	0	0	0	0	0	0	256,603

Managing Department **Solid Waste Disposal**

Project Manager **Catrennia Williamson**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Remediation of ground water at the Municipal Solid Waste (MSW) # 69 landfill. The Texas Commission on Environmental Quality (TCEQ) has approved the groundwater and gas remediation actions in place at the facility with the stipulation that if groundwater does not continue to meet State requirements other actions will need to be taken to meet compliance.

Meeting compliance requires a different method of treating the groundwater, such as pump and treat, which involves the installation of air stripper wells at this facility, or additional gas wells. The number of required wells for the project depends on groundwater analysis at that time.

Project Justification

If groundwater conditions do not continue to meet TCEQ requirements, the City will be required by the State to take additional action to implement an approved TCEQ plan to install additional wells.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	0	500,000	0	0	0	0	0	500,000
Total Project Appropriation	0	500,000	0	0	0	0	0	500,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 5-Year Solid Waste Revenue CO's	0	500,000	0	0	0	0	0	500,000
Total Funding Sources	0	500,000	0	0	0	0	0	500,000

Managing Department **Solid Waste Disposal**

Project Manager **Catrennia Williamson**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

A natural gas supply pipeline will be installed by Atmos, or a private contractor, that will link the flare at Caliche Canyon Landfill to the current gas line on North University. The closest gas pipeline is approximately one mile from the flare.

Project Justification

The flare at Caliche Canyon Landfill is operated to mitigate groundwater contamination from waste placed in unlined cells prior to current regulatory requirements. The Texas Commission on Environmental Quality is requesting a revision to the assessment of corrective measures. The natural gas pipeline will supply a reliable source of energy to operate the flare in periods of low methane production.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	250,000	0	0	0	0	250,000
Total Project Appropriation	0	0	250,000	0	0	0	0	250,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Solid Waste Pay-As-You-Go	0	0	250,000	0	0	0	0	250,000
Total Funding Sources	0	0	250,000	0	0	0	0	250,000

Managing Department **Solid Waste Disposal**

Project Manager **Catrennia Williamson**

Project Classification **Replacement Infrastructure**

Project Status **Requested**



Project Scope

The final cap will be constructed and vegetation seeded in order to close Cell VI at Caliche Canyon Landfill as per regulatory requirements.

Project Justification

The Caliche Canyon Landfill has only one open cell that accepts construction and demolition waste. The cell will be at capacity and unable to accept any additional waste. The Texas Commission on Environmental Quality requires a final cap and establishment of vegetation for cell closure.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	973,720	0	0	973,720
Total Project Appropriation	0	0	0	0	973,720	0	0	973,720

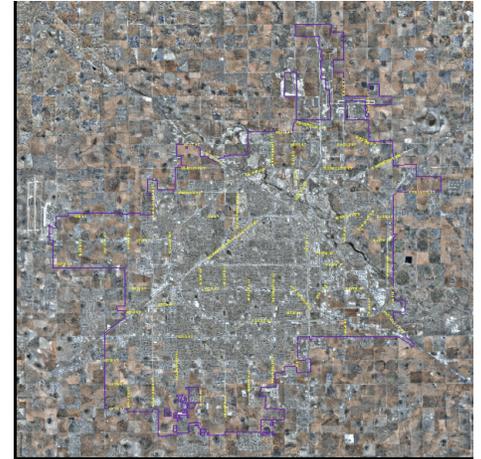
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2020 Solid Waste Pay-As-You-Go	0	0	0	0	973,720	0	0	973,720
Total Funding Sources	0	0	0	0	973,720	0	0	973,720

Managing Department **Solid Waste Disposal**

Project Manager **Catrennia Williamson**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

The existing entrance and exit gates at the Caliche Canyon Landfill will be replaced with automated chain link gates and keypads. The automated gates will increase security at the facility by gates that are currently closed with chains and padlocks that can be easily broken.

Adjacent to the Caliche Canyon Landfill is a 50 acre tract of land that is shared by the landfill and street departments. The landfill utilizes part of the property to collect wood waste and grind it into mulch. The street department utilizes part of the property to store equipment and paving materials. Chain link fencing will replace existing mulch berms along the northern boundary of the property.

Project Justification

Improvements are needed at the Caliche Canyon Landfill and adjacent West 50 Acres to improve security and reduce illegal dumping. The existing gates at the Caliche Canyon Landfill are over 20 years old and do not currently swing and meet properly. The West 50 Acres is currently secured by a mulch berm along Keuka Avenue that is unappealing in appearance.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	71,628	0	0	0	0	0	71,628
Total Project Appropriation	0	71,628	0	0	0	0	0	71,628

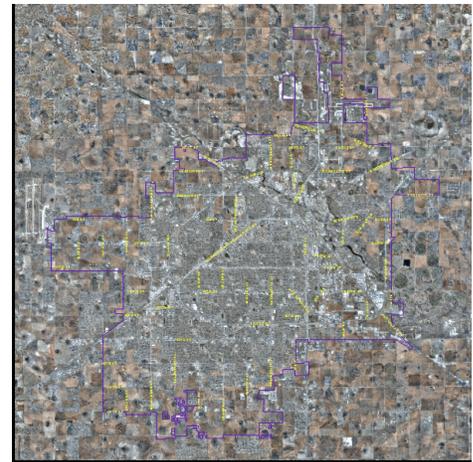
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Solid Waste Pay-As-You-Go	0	71,628	0	0	0	0	0	71,628
Total Funding Sources	0	71,628	0	0	0	0	0	71,628

Managing Department **Solid Waste Collection**

Project Manager **George Lisenbe**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

The work will include painting of the entire exterior of the facility. Repair and replacement of the windows and passage doors will be addressed. Patching of the main structure will also be addressed. The over head doors will be repaired and painted.

Project Justification

This facility was constructed in the 1970's. The current condition requires renovations to ensure a sound facility that will provide many more years of service.

Project History

During the life of this facility, limited exterior repairs have been addressed. These renovations will ensure the main structure of the facility will last for many years.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	173,000	0	0	0	0	0	173,000
Design and Engineering	0	20,000	0	0	0	0	0	20,000
Total Project Appropriation	0	193,000	0	0	0	0	0	193,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Solid Waste Pay-As-You-Go	0	193,000	0	0	0	0	0	193,000
Total Funding Sources	0	193,000	0	0	0	0	0	193,000

Storm Water Utility

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
8534 FEMA Restudy - System G	500,000	0	0	0	0	0	0	500,000
8545 Concrete Drainage Channel Repairs	865,000	0	150,000	0	0	0	0	1,015,000
8586 Digital Orthos and Storm Water Utility Maint	250,000	200,000	125,000	125,000	125,000	125,000	200,000	1,150,000
8595 Storm Water Master Plan	1,000,000	500,000	250,000	0	0	0	0	1,750,000
8599 Storm Water Utility Fee Restructure	1,305,191	0	0	0	0	0	0	1,305,191
8606 FEMA Restudy - Systems B,C,D	500,000	0	0	400,000	0	0	350,000	1,250,000
92174 Northwest Lubbock and Maxey Park Project	41,950,000	35,000,000	0	0	0	9,000,000	0	85,950,000
92175 Storm Water Repair and Replacement	1,100,000	250,000	0	250,000	0	250,000	0	1,850,000
2011027 FEMA Restudy - System K	0	0	400,000	350,000	0	0	0	750,000
2011039 Storm Water Pipeline Retrofits	0	0	0	0	0	50,000	500,000	550,000
2013036 Canyon Lakes Floodway Restudy	0	0	0	250,000	0	0	0	250,000
2016139 Advance Warning System	0	0	100,000	100,000	0	0	0	200,000
2016198 Storm Water Vehicle Replacement FY 16-17	0	289,900	0	0	0	0	0	289,900
Total Storm Water Utility	47,470,191	36,239,900	1,025,000	1,475,000	125,000	9,425,000	1,050,000	96,810,091

Storm Water Utility

Funding Summary

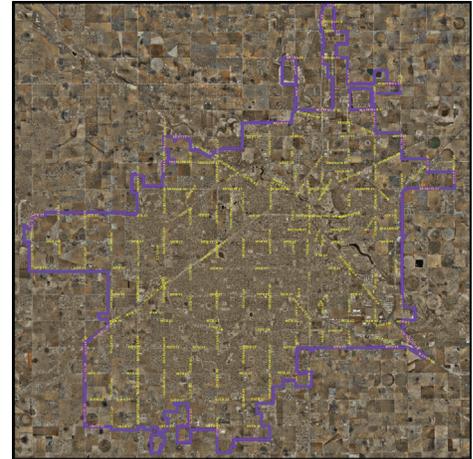
Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2007 Storm Water Revenue CO's	297,896	0	0	0	0	0	0	297,896
FY 2008 Storm Water Revenue CO's	600,000	0	0	0	0	0	0	600,000
FY 2009 Storm Water Pay-As-You-Go	15,000	0	0	0	0	0	0	15,000
FY 2009 Storm Water Revenue CO's	1,472,225	0	0	0	0	0	0	1,472,225
FY 2010 Storm Water Pay-As-You-Go	100,000	0	0	0	0	0	0	100,000
FY 2010 Storm Water Revenue CO's	1,500,000	0	0	0	0	0	0	1,500,000
FY 2011 Storm Water Pay-As-You-Go	750,000	0	0	0	0	0	0	750,000
FY 2012 Storm Water Revenue CO's	33,925,918	0	0	0	0	0	0	33,925,918
FY 2013 Storm Water Revenue CO's	5,253,961	0	0	0	0	0	0	5,253,961
FY 2014 Storm Water Pay-As-You-Go	350,000	0	0	0	0	0	0	350,000
FY 2015 General Fund Pay-As-You-Go	405,191	0	0	0	0	0	0	405,191
FY 2015 Storm Water Pay-As-You-Go	750,000	0	0	0	0	0	0	750,000
FY 2016 Storm Water Pay-As-You-Go	2,050,000	0	0	0	0	0	0	2,050,000
FY 2017 Storm Water Pay-As-You-Go	0	989,900	0	0	0	0	0	989,900
FY 2017 Storm Water Revenue CO's	0	35,250,000	0	0	0	0	0	35,250,000
FY 2018 Storm Water Pay-As-You-Go	0	0	1,025,000	0	0	0	0	1,025,000
FY 2019 Storm Water Pay-As-You-Go	0	0	0	1,225,000	0	0	0	1,225,000
FY 2019 Storm Water Revenue CO's	0	0	0	250,000	0	0	0	250,000
FY 2020 Storm Water Pay-As-You-Go	0	0	0	0	125,000	0	0	125,000
FY 2021 10-Year Storm Water Revenue CO's	0	0	0	0	0	50,000	0	50,000
FY 2021 Storm Water Pay-As-You-Go	0	0	0	0	0	125,000	0	125,000
FY 2021 Storm Water Revenue CO's	0	0	0	0	0	9,250,000	0	9,250,000
FY 2022 10-Year Storm Water Revenue CO's	0	0	0	0	0	0	500,000	500,000
FY 2022 Storm Water Pay-As-You-Go	0	0	0	0	0	0	550,000	550,000
Total Storm Water Utility	47,470,191	36,239,900	1,025,000	1,475,000	125,000	9,425,000	1,050,000	96,810,091

Managing Department **Storm Water Utility**

Project Manager **Jennifer Davidson**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope

Evaluate and repair/reconstruct drainage channels throughout Lubbock to minimize future erosion surrounding existing channels.

Project Justification

Numerous concrete channels are in various stages of disrepair. Broken channels are a safety hazard where erosion has occurred, leaving the concrete structures suspended and prone to collapse. Broken structures that have fallen off into lakes are not aesthetically pleasing.

Project History

The underlying safety hazards associated with the concrete drainage channels necessitate an ongoing evaluation and repair of the structures.

\$15,000 was appropriated in FY 2008-09, Ord. No. 2008-O0077, September 11, 2008.

\$100,000 was appropriated in the FY 2009-10 Budget, Ord. No. 2009-O0073, August 27, 2009.

\$250,000 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.

\$250,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$250,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	850,000	0	150,000	0	0	0	0	1,000,000
Design and Engineering	15,000	0	0	0	0	0	0	15,000
Total Project Appropriation	865,000	0	150,000	0	0	0	0	1,015,000

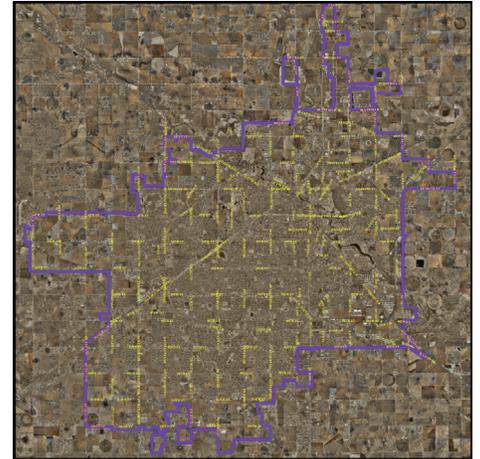
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2009 Storm Water Pay-As-You-Go	15,000	0	0	0	0	0	0	15,000
FY 2010 Storm Water Pay-As-You-Go	100,000	0	0	0	0	0	0	100,000
FY 2011 Storm Water Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2014 Storm Water Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2015 Storm Water Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2018 Storm Water Pay-As-You-Go	0	0	150,000	0	0	0	0	150,000
Total Funding Sources	865,000	0	150,000	0	0	0	0	1,015,000

Managing Department **G I S & Data Services**

Project Manager **Sally Abbe**

Project Classification **Administrative**

Project Status **Approved**



Project Scope

The project includes digital orthophotos for approximately 200 square miles, including land within the city limits and Extraterritorial Jurisdiction (ETJ). The updated planimetric building outlines GIS data collected from the imagery and hardware used to store and access the orthophotos.

The stormwater utility accounts will be maintained and updated as newly developed properties are properly evaluated based on new orthophotos. Proper accounting for new impervious areas will provide for accurate classification of properties within the new stormwater billing structure.

Project Justification

Due to the increased usage and decreasing cost of digital imagery and related data, the City of Lubbock needs to implement more frequent updates to these products than the every 5 year schedule it has maintained for decades. This request is for new digital orthophotos and update of planimetric building outline data. Uses for this updated information have been identified in the following areas, though more uses are anticipated:

- Data source for creating and updating calculations for Storm Water utility billing.
- Updated digital imagery for maps used for City Council and board and commission presentations, capital projects analysis and reporting and other city functions.
- Updated images for use in the Tiburon Computer Aided Dispatch (CAD) system for Police and Fire, Energy Permitting and License software, and other applications that include mapping.
- Web based mapping, including GISDS main site and specialized maps across the city’s websites.
- Historical sets of aerial imagery for change detection, crime analysis, transportation planning, and other applications that would benefit from analysis across time.
- Purchase of additional hardware for the storage and access of the orthophotography.

Ongoing maintenance and updates to the stormwater utility system will be required based on continual new information derived from orthophotos. Imagery will be evaluated against previous imagery to determine new developments and changes to existing properties for correct billing practices.

Project History

\$100,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$150,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	250,000	200,000	125,000	125,000	125,000	125,000	200,000	1,150,000
Total Project Appropriation	250,000	200,000	125,000	125,000	125,000	125,000	200,000	1,150,000

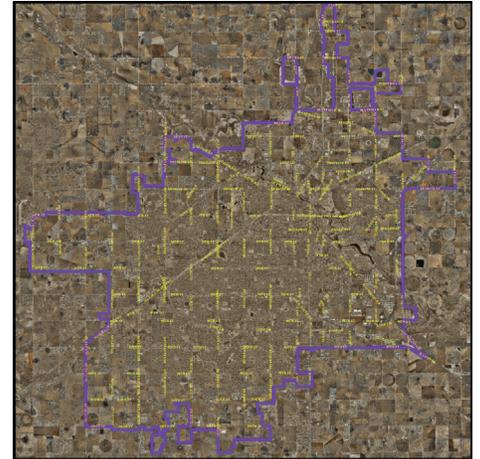
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2014 Storm Water Pay-As-You-Go	100,000	0	0	0	0	0	0	100,000
FY 2016 Storm Water Pay-As-You-Go	150,000	0	0	0	0	0	0	150,000
FY 2017 Storm Water Pay-As-You-Go	0	200,000	0	0	0	0	0	200,000
FY 2018 Storm Water Pay-As-You-Go	0	0	125,000	0	0	0	0	125,000
FY 2019 Storm Water Pay-As-You-Go	0	0	0	125,000	0	0	0	125,000
FY 2020 Storm Water Pay-As-You-Go	0	0	0	0	125,000	0	0	125,000
FY 2021 Storm Water Pay-As-You-Go	0	0	0	0	0	125,000	0	125,000
FY 2022 Storm Water Pay-As-You-Go	0	0	0	0	0	0	200,000	200,000
Total Funding Sources	250,000	200,000	125,000	125,000	125,000	125,000	200,000	1,150,000

Managing Department **Storm Water Utility**

Project Manager **Jennifer Davidson**

Project Classification **New Facility**

Project Status **Approved**



Project Scope

Review the current Master Drainage Plan, Drainage Criteria Manual and other studies, GIS data, development updates, and other City information. Identify changes to system watersheds, verify and update hydrologic input and storage information with updated land use and topographic data. Incorporate updated information into existing hydrologic and hydraulic models in order to use with ongoing development activities. Analyze current models for impacts of revisions to system input on peak playa water surface elevations, base flood elevations, flow depth and top width for all prescribed rainfall events. Examine application and benefit of alternate modeling software(s) to model results. Provide a comparison of available modeling software.

- Perform a High-level review of frequent flooding / drainage issues - Conduct field visits in conjunction with limited desktop assessments to allow for a rapid assessment of drainage problems throughout the entire City. Update flood mapping using revised model information, integrating results into GIS system components. Compare model results and revised mapping to existing data, identify and confirm any changes to flow rates, depths, water surface elevations, and floodplain limits.
- Perform a detailed study of the highest priority areas identified in high-level review, assess problem severity and establish improvement priorities. Compile this information into a format that may be used by the City of Lubbock in daily operations, to track existing and developing flooding issues and to manage CIP program.
- Identify and rank proposed drainage capital improvement projects within each of the City's different drainage systems based on an approved ranking criteria. Prepare Drainage CIP total budget estimates for proposed improvements which may include studies, engineering design, and construction cost. Prepare a GIS Database that organizes the ranked Drainage CIPs so that they can be stored, recalled, and addressed over a specific time period

Project Justification

This plan will update and is intended to build upon the previously-completed Master Drainage Plan Update (last updated 2009-10), Drainage Criteria Manual (last updated 1997), and other studies and provide a holistic look at the City's drainage issues. The goal is to provide information on potential solutions and costs to aid City staff in programming of future Drainage Capital Improvement Projects, as well as managing ongoing development. The project is intended to provide the City with a tool to determine and prioritize potential drainage and flooding problems and develop proactive solutions for effective and efficient storm water management.

Project History

The last Master Drainage Plan update was completed in fiscal year 2009-10 and needs to be updated again for areas that have experienced development. The Drainage Criteria Manual was last updated in 1997 and needs to be updated to reflect new technology and permitting requirements. Staff, developers, and engineering consultants rely on these Plans as a planning tool for future development.

\$500,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

\$500,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-00094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	1,000,000	500,000	250,000	0	0	0	0	1,750,000
Total Project Appropriation	1,000,000	500,000	250,000	0	0	0	0	1,750,000

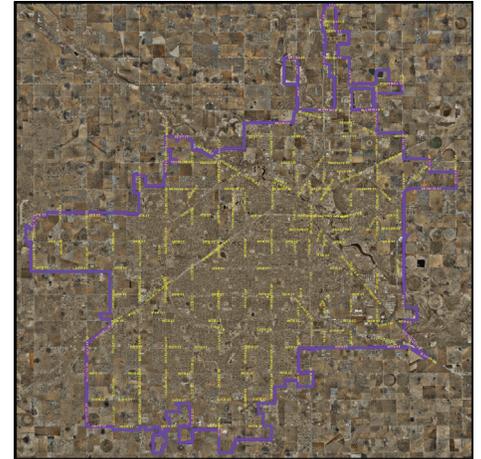
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Storm Water Pay-As-You-Go	500,000	0	0	0	0	0	0	500,000
FY 2016 Storm Water Pay-As-You-Go	500,000	0	0	0	0	0	0	500,000
FY 2017 Storm Water Pay-As-You-Go	0	500,000	0	0	0	0	0	500,000
FY 2018 Storm Water Pay-As-You-Go	0	0	250,000	0	0	0	0	250,000
Total Funding Sources	1,000,000	500,000	250,000	0	0	0	0	1,750,000

Managing Department **Storm Water**

Project Manager **Jennifer Davidson**

Project Classification **Master Plans/Studies**

Project Status **Approved**



Project Scope

This project is an expansion of the original contract to cover expenses beyond the original contract scope and provide for additional oversight and modifications to the Stormwater Utility Fee Rate Structure Change.

Project Justification

Consultant services are required to help with the potential transition of billing methodologies to restructure the City’s current storm water utility billing system. Their services are necessary to provide multiple rate model scenarios as have been requested by Council and to evaluate the equitability of the different scenarios for presentation.

Project History

\$405,901 was appropriated in FY 2014-15 Budget Amendment No. 22, Ord. No. 2015-00048, May 28, 2015.

\$900,000 was appropriated in FY 2015-16 Budget Amendment No. 4, Ord. No. 2015-00115, November 19, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	1,305,191	0	0	0	0	0	0	1,305,191
Total Project Appropriation	1,305,191	0	0	0	0	0	0	1,305,191

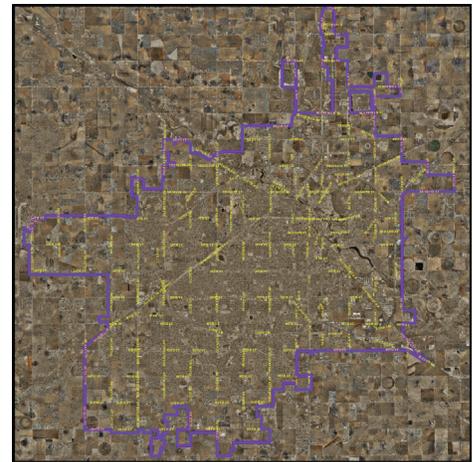
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 General Fund Pay-As-You-Go	405,191	0	0	0	0	0	0	405,191
FY 2016 Storm Water Pay-As-You-Go	900,000	0	0	0	0	0	0	900,000
Total Funding Sources	1,305,191	0	0	0	0	0	0	1,305,191

Managing Department **Storm Water Utility**

Project Manager **Jennifer Davidson**

Project Classification **New Facility**

Project Status **Approved**



Project Scope

Update the drainage models provided by the Federal Emergency Management Agency (FEMA) with current information including new topography, aerial data, and improved site conditions. The Interconnected Pond Routing (ICPR) software will be utilized to better represent the conditions in the City. The ICPR software provides a better indication of the playa lakes and can model dual flow characteristics such as pipe flow, street flow, and overland land flow simultaneously, and will include updates to the model with Northwest Lubbock Drainage project improvements where storm sewers have been installed. The updated models will be compared to the existing FEMA floodplain maps and all differences will be noted. Coordination with FEMA will occur throughout the process so that the submitted data complies with the latest FEMA requirements. The consultant will prepare necessary paperwork for submission to FEMA, and will assist in obtaining the final Letters of Map Amendment.

Project Justification

The FEMA floodplain maps, published in September 2007, define floodplains in the City for flood insurance purposes. The project involves hiring a consultant to review the FEMA flood study for Systems B, C and D, including the Northwest Lubbock Drainage Project improvements, to determine the new floodplain with the improvements in place. The project includes a submission of the new data to FEMA for approval and a letter of map amendment for each of these areas depending on the study results.

Project History

With the installation of more than 8 miles of new storm sewer with the northwest drainage project, removing as many structures as possible from the floodplain benefits citizens who are now paying the cost of flood insurance for structures in and around the playa lakes.

\$500,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	500,000	0	0	400,000	0	0	350,000	1,250,000
Total Project Appropriation	500,000	0	0	400,000	0	0	350,000	1,250,000

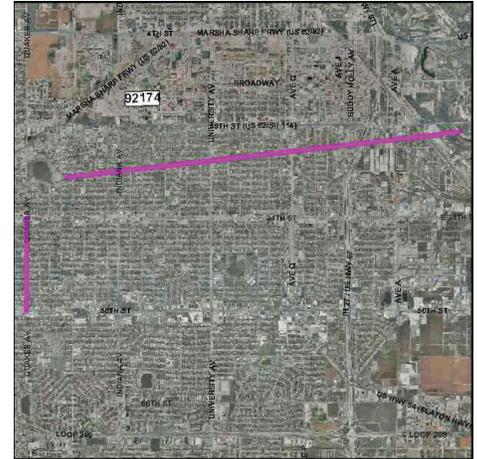
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 Storm Water Pay-As-You-Go	500,000	0	0	0	0	0	0	500,000
FY 2019 Storm Water Pay-As-You-Go	0	0	0	400,000	0	0	0	400,000
FY 2022 Storm Water Pay-As-You-Go	0	0	0	0	0	0	350,000	350,000
Total Funding Sources	500,000	0	0	400,000	0	0	350,000	1,250,000

Managing Department **Storm Water Utility**

Project Manager **Jennifer Davidson**

Project Classification **New Facility**

Project Status **Approved**



Project Scope

Design, plans, specifications, and construction estimates for the construction of storm water infrastructure from Maxey Park to the Canyon Lakes, as well as upstream detention to relieve some flooding risks to homes along Quaker Avenue between 50th Street and 34th Street.

Project Justification

The Northwest Lubbock and Maxey Park Study determined that the projects are feasible and can provide various levels of flood protection in the areas around Maxey Park and along Quaker Avenue.

Project History

The areas have been historically flood prone, affecting residential and commercial structures. Numerous studies conducted since the early 1990s evaluated possibilities for reducing the flood risks in the areas. Results of the Maxey Park Feasibility Study were presented to the City Council in January 2005 and prompted the Northwest Lubbock and Maxey Park Study, which was completed in 2008.

\$1.0 million was appropriated in FY 2008-09 Budget, Ord. No. 2008-O0077, September 11, 2008.

\$1.5 million was appropriated in the FY 2009-10 Budget, Ord. No. 2009-O0073, August 27, 2009.

\$600,000 was appropriated in FY 2009-10 Budget Amendment No. 4, Ord. No. 2009-O105, November 19, 2009.

\$33.35 million was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.

\$5.5 million was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.

\$18.0 million was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

Reduced funding by \$18.0 million in FY 2014-15 Budget Amendment No. 11, Ord. No. 2015-O0015, 2/26/15.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	38,850,000	35,000,000	0	0	0	9,000,000	0	82,850,000
Design and Engineering	3,100,000	0	0	0	0	0	0	3,100,000
Total Project Appropriation	41,950,000	35,000,000	0	0	0	9,000,000	0	85,950,000

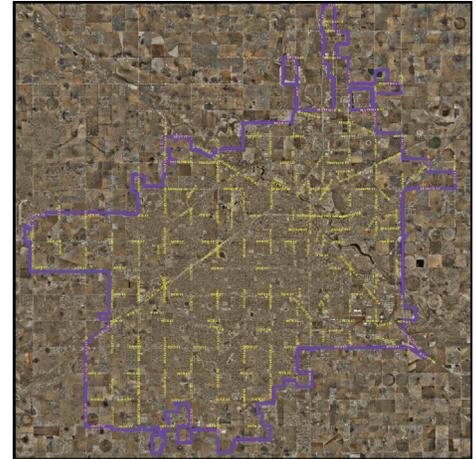
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2007 Storm Water Revenue CO's	297,896	0	0	0	0	0	0	297,896
FY 2008 Storm Water Revenue CO's	600,000	0	0	0	0	0	0	600,000
FY 2009 Storm Water Revenue CO's	872,225	0	0	0	0	0	0	872,225
FY 2010 Storm Water Revenue CO's	1,500,000	0	0	0	0	0	0	1,500,000
FY 2012 Storm Water Revenue CO's	33,425,918	0	0	0	0	0	0	33,425,918
FY 2013 Storm Water Revenue CO's	5,253,961	0	0	0	0	0	0	5,253,961
FY 2017 Storm Water Revenue CO's	0	35,000,000	0	0	0	0	0	35,000,000
FY 2021 Storm Water Revenue CO's	0	0	0	0	0	9,000,000	0	9,000,000
Total Funding Sources	41,950,000	35,000,000	0	0	0	9,000,000	0	85,950,000

Managing Department **Storm Water Utility**

Project Manager **Jennifer Davidson**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope

Design, plans, specifications, and construction estimates for the repair and or replacement of storm water pipelines.

Project Justification

The video inspection of Storm Water infrastructure revealed locations in the downtown area where storm water lines are damaged and in need of repairs. Much of the City’s storm water system infrastructure is approaching 80 years old and is need of maintenance. This project will include but not be limited to new storm sewer in support of the Downtown Redevelopment Project.

Project History

The condition of the storm water pipelines was largely unknown prior to the video inspection project. Many of the pipelines are in good condition, but some are in need of repair. As part of the Municipal Separate Storm Sewer Systems (MS4) permit with the State, Lubbock is required to maintain the storm water pipelines in good working condition.

\$600,000 was appropriated in FY 2008-09 Budget, Ord. No. 2008-O0077, September 11, 2008.

\$500,000 was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	900,000	250,000	0	250,000	0	250,000	0	1,650,000
Design and Engineering	200,000	0	0	0	0	0	0	200,000
Total Project Appropriation	1,100,000	250,000	0	250,000	0	250,000	0	1,850,000

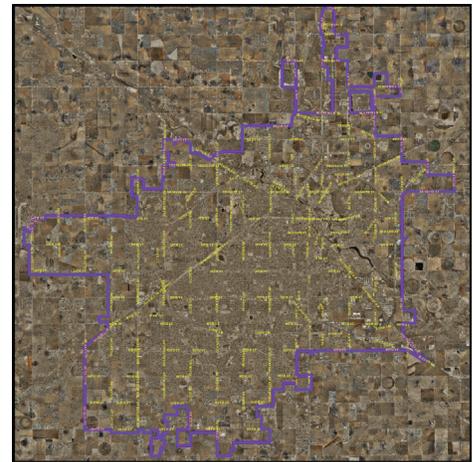
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2009 Storm Water Revenue CO's	600,000	0	0	0	0	0	0	600,000
FY 2012 Storm Water Revenue CO's	500,000	0	0	0	0	0	0	500,000
FY 2017 Storm Water Revenue CO's	0	250,000	0	0	0	0	0	250,000
FY 2019 Storm Water Revenue CO's	0	0	0	250,000	0	0	0	250,000
FY 2021 Storm Water Revenue CO's	0	0	0	0	0	250,000	0	250,000
Total Funding Sources	1,100,000	250,000	0	250,000	0	250,000	0	1,850,000

Managing Department **Storm Water Utility**

Project Manager **Jennifer Davidson**

Project Classification **New Facility**

Project Status **Requested**



Project Scope

Update the drainage models provided by Federal Emergency Management Agency (FEMA) with current information including new topography, aerial data, and improved site conditions. The Interconnected Pond Routing (ICPR) software will be utilized to better represent the conditions in the City. The ICPR software provides a better indication of the playa lakes and can model dual flow characteristics such as pipe flow, street flow, and overland land flow simultaneously. The updated models will be compared to the existing FEMA floodplain maps and all differences will be noted. Coordination with FEMA will occur throughout the process so that the submitted data complies with the latest FEMA requirements. The consultant will prepare necessary paperwork for submission to FEMA, and will assist in obtaining the final Letters of Map Amendment.

Project Justification

The FEMA floodplain maps, published in September 2007, define floodplains in the City for insurance purposes. Recent street projects have redefined the limits of the floodplain and a new study needs to be conducted to reflect the actual on-site conditions. The project involves hiring a consultant to review the FEMA flood study for System K to determine the new floodplain with improvements in place. The project includes a submission of the new data to FEMA for approval and a letter of map amendment for the impacted areas.

Project History

Recent street improvements on the south side of the City have impacted the currently mapped floodplains and need to be updated to reflect the new conditions. This will allow structures to be removed from the floodplain and provide benefits to the citizens who are now paying the cost of flood insurance for structures in and around the playa lakes and their overflow paths.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	0	0	400,000	350,000	0	0	0	750,000
Total Project Appropriation	0	0	400,000	350,000	0	0	0	750,000

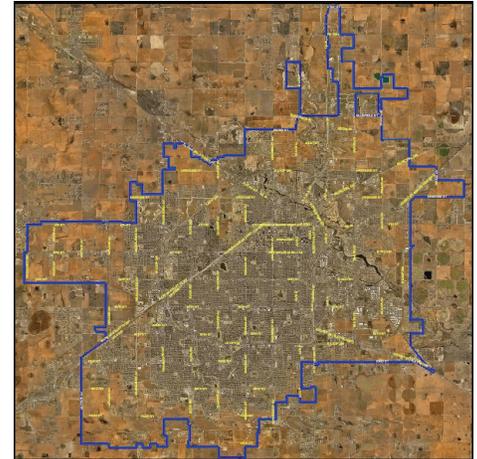
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Storm Water Pay-As-You-Go	0	0	400,000	0	0	0	0	400,000
FY 2019 Storm Water Pay-As-You-Go	0	0	0	350,000	0	0	0	350,000
Total Funding Sources	0	0	400,000	350,000	0	0	0	750,000

Managing Department **Storm Water Utility**

Project Manager **Jennifer Davidson**

Project Classification **New Facility**

Project Status **Requested**



Project Scope

Evaluate and select measures to address the new storm water rules to comply with retrofit requirements. Purchase, construct, and install the required measures in compliance with Federal, State, and local rules. Priorities will be determined for more than thirty local outfall pipes to address the pipes with the most critical need for upgrade in phase one.

Project Justification

The Environmental Protection Agency (EPA) has announced plans to initiate national rulemaking to establish a comprehensive program to reduce storm water discharges from new development and redevelopment, and make other regulatory improvements to strengthen its storm water program. As part of this new rulemaking, it is being suggested that a long-term retrofit plan be implemented to address storm water problems in urban areas. Retrofits can be associated with existing development, new development, and storm water infrastructure. The new rules requires action by all contributing municipalities, which includes the City.

Project History

The National Pollutant Discharge Elimination System (NPDES) program under the Clean Water Act is the primary federal vehicle to regulate the quality of the nation’s waterbodies. In 1990 the EPA issued the Phase I Storm Water Rules. These rules require NPDES permits for operators of municipal separate storm sewer systems (MS4s) serving populations over 100,000 and for runoff associated with industry, including construction sites five acres and larger. In 1999, the EPA issued the Phase II Storm water Rule to expand the requirements to small MS4s and construction sites between one and five acres in size. The City is a Phase I city and has been participating in this program since its inception.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	0	500,000	500,000
Design and Engineering	0	0	0	0	0	50,000	0	50,000
Total Project Appropriation	0	0	0	0	0	50,000	500,000	550,000

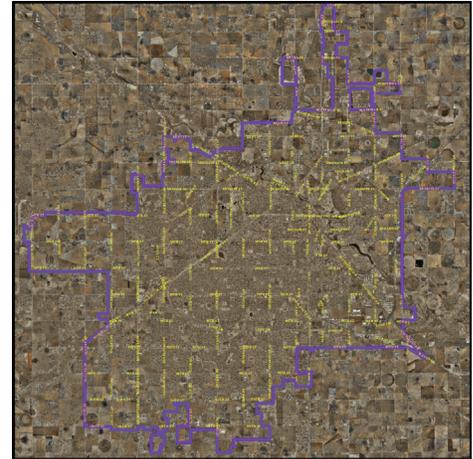
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2021 10-Year Storm Water Revenue CO's	0	0	0	0	0	50,000	0	50,000
FY 2022 10-Year Storm Water Revenue CO's	0	0	0	0	0	0	500,000	500,000
Total Funding Sources	0	0	0	0	0	50,000	500,000	550,000

Managing Department **Stormwater Utility**

Project Manager **Jennifer Davidson**

Project Classification **New Facility**

Project Status **Requested**



Project Scope

Update the drainage models provided by FEMA with current information including new topography, aerial data, and improved site conditions. Updated software will be utilized to better represent the conditions in Lubbock. The updated models will be compared to the existing FEMA floodplain maps and all differences will be noted. Coordination with FEMA will occur throughout the process so that the submitted data complies with the latest FEMA requirements. The consultant will prepare necessary paperwork for submission to FEMA, and will assist in obtaining the final Letters of Map Amendment.

Project Justification

The FEMA floodplain maps, published in September 2007, define floodways and floodplains in Lubbock for insurance purposes. Recent projects have identified discrepancies and inconsistencies with the mapped floodway in the canyon lakes system, and a new study needs to be conducted to reflect the actual on-site conditions. The project involves hiring a consultant to review the FEMA floodway in the canyon lakes system to determine and map a more accurately defined floodway. The project includes a submission of the new data to FEMA for approval and a letter of map amendment for the impacted areas.

Project History

Recent projects have identified discrepancies with the mapped floodway in the canyon lakes system that need to be updated to reflect the actual conditions. This will allow a more accurate designation of the regulatory floodway that will become critical for any future development or redevelopment within this area.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	0	0	0	250,000	0	0	0	250,000
Total Project Appropriation	0	0	0	250,000	0	0	0	250,000

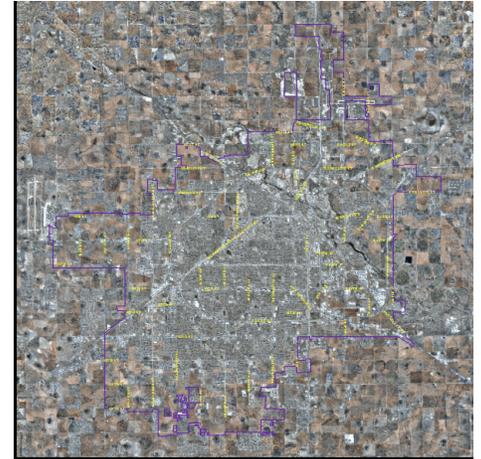
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 Storm Water Pay-As-You-Go	0	0	0	250,000	0	0	0	250,000
Total Funding Sources	0	0	0	250,000	0	0	0	250,000

Managing Department **Stormwater Utility**

Project Manager **Jennifer Davidson**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Identify locations where major roadways become inundated for an extended period of time and install Advance Warning Systems to advise motorists of a weather-impaired or flooded roadway.

Project Justification

Advance warning systems advise motorists of a weather-impaired or flooded roadway. These systems are designed to target two primary goals. The first is to warn motorists they are approaching hazardous road flooding conditions, giving them the opportunity to stay out of harm’s way. This is normally accomplished by activating warning beacons or Dynamic Message Signs. The second goal is to notify transportation and emergency management personnel of the flooded roadway condition so action can be taken. The key is to focus on the benefits a well-designed system can bring to the community in terms of public safety, improved awareness and response to flooding events.

Project History

The City of Lubbock is susceptible to flash flooding from short but intense rainfall events, as well as urban flooding such as low lying areas and street flooding. Low laying roadways can become inundated quickly providing motorists little time to avoid unsafe roadway conditions. A warning system can provide the emergency responders knowledge of the hazardous location. These hazardous roadway conditions have resulted in motorists being rescued or abandoning vehicles after entering flooded roadways.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	100,000	100,000	0	0	0	200,000
Total Project Appropriation	0	0	100,000	100,000	0	0	0	200,000

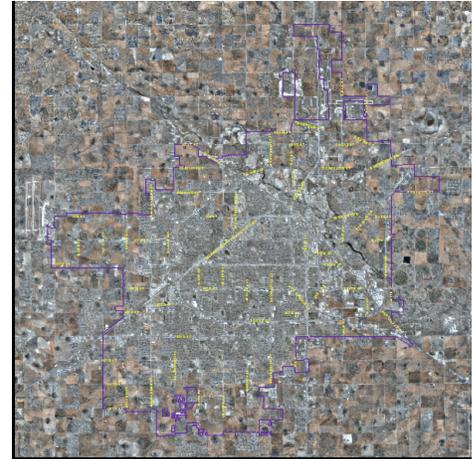
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Storm Water Pay-As-You-Go	0	0	100,000	0	0	0	0	100,000
FY 2019 Storm Water Pay-As-You-Go	0	0	0	100,000	0	0	0	100,000
Total Funding Sources	0	0	100,000	100,000	0	0	0	200,000

Managing Department **Stormwater Utility**

Project Manager **Mike Gilliland**

Project Classification **New Equipment/Fleet**

Project Status **Requested**



Project Scope

This project is for the annual vehicle replacement for Storm Water Fund.

6512 Street Cleaning
Sweeper (replace V72008208) – 273,900

6513 Storm Water Maintenance
Concrete Saw (replace V02008012)– 8,000
Concrete Saw (replace V02008023)– 8,000

Project Justification

Replacement of vehicles and equipment that are at the end of their useful life.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	0	289,900	0	0	0	0	0	289,900
Total Project Appropriation	0	289,900	0	0	0	0	0	289,900

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Storm Water Pay-As-You-Go	0	289,900	0	0	0	0	0	289,900
Total Funding Sources	0	289,900	0	0	0	0	0	289,900

Wastewater Utility

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
8555 Sanitary Sewer Manhole Adjustments	500,000	0	250,000	0	250,000	0	250,000	1,250,000
8579 Wastewater Direct Reuse Evaluation	300,000	0	0	0	0	0	0	300,000
8597 Wastewater Indirect Reuse Evaluation	250,000	0	0	0	0	0	0	250,000
90346 Lift Station Rehabilitation	2,085,000	500,000	250,000	250,000	250,000	250,000	250,000	3,835,000
91039 Sewer Lines Ahead of Street Paving	3,885,000	0	0	0	0	0	0	3,885,000
92221 Northwest Water Reclamation Plant	94,300,000	0	0	0	0	0	0	94,300,000
92249 SEWRP Solids Handling Facility Improvements	46,000,000	0	0	0	0	0	0	46,000,000
92310 South Lubbock Sanitary Sewer Expansion Phase II	19,000,000	0	0	0	0	0	0	19,000,000
92311 SEWRP Emergency Generator and Switch Gear	2,200,000	0	0	0	0	0	0	2,200,000
92318 Major Sanitary Sewer Mains Rehabilitation	7,500,000	2,000,000	3,000,000	1,000,000	0	0	0	13,500,000
92427 Wastewater Vehicle Replacement FY 15-16	416,264	0	0	0	0	0	0	416,264
2009462 Composting Facility for Solids Disposal	0	0	0	0	0	500,000	0	500,000
2009465 Update Wastewater Collection System Master Plan	0	500,000	500,000	0	0	0	0	1,000,000
2012029 Land Application Closure Evaluation	0	0	0	0	250,000	0	0	250,000
2013071 SEWRP Improvements Plant 3	0	1,000,000	1,500,000	1,000,000	0	0	15,000,000	18,500,000
2016078 SEWRP Transformer Rehabilitation	0	500,000	2,000,000	0	0	0	0	2,500,000
2016186 Sewer Line Replacement Phase II	0	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000
2016187 Sewer Lines Ahead of Street Paving Phase II	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000
2016188 Sewer Tap Replacements Phase II	0	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
2016189 Water Reclamation Plant Replacements Phase II	0	450,000	300,000	300,000	300,000	300,000	300,000	1,950,000
2016190 Land Application Production and Monitoring Well II	0	50,000	50,000	50,000	50,000	50,000	50,000	300,000
2016196 Wastewater Vehicle Replacement FY 16-17	0	628,000	288,500	0	0	0	0	916,500
Total Wastewater Utility	176,436,264	6,328,000	9,088,500	3,550,000	2,050,000	2,050,000	16,800,000	216,302,764

Wastewater Utility

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
2004 Tax and Waterworks CO's	60,000	0	0	0	0	0	0	60,000
2005 Wastewater Revenue CO's	539,641	0	0	0	0	0	0	539,641
FY 2006 Wastewater Revenue CO's	200,257	0	0	0	0	0	0	200,257
FY 2007 10-Year Wastewater Revenue CO's	312,699	0	0	0	0	0	0	312,699
FY 2008 Wastewater Revenue CO's	2,844,770	0	0	0	0	0	0	2,844,770
FY 2010 Wastewater Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2010 Wastewater Revenue CO's	1,860,359	0	0	0	0	0	0	1,860,359
FY 2011 Wastewater Revenue CO's	11,755,533	0	0	0	0	0	0	11,755,533
FY 2012 10-Year Wastewater Revenue CO's	250,000	0	0	0	0	0	0	250,000
FY 2012 Wastewater Revenue CO's	2,000,000	0	0	0	0	0	0	2,000,000
FY 2013 10-Year Wastewater Revenue CO's	1,450,000	0	0	0	0	0	0	1,450,000
FY 2013 Wastewater Pay-As-You-Go	300,000	0	0	0	0	0	0	300,000
FY 2013 Wastewater Revenue CO's	22,250,000	0	0	0	0	0	0	22,250,000
FY 2014 10-Year Wastewater Revenue CO's	926,517	0	0	0	0	0	0	926,517
FY 2014 Wastewater Revenue CO's	39,283,565	0	0	0	0	0	0	39,283,565
FY 2015 Wastewater Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2015 Wastewater Revenue CO's	71,413,176	0	0	0	0	0	0	71,413,176
FY 2016 10-Year Wastewater Revenue CO's	250,000	0	0	0	0	0	0	250,000
FY 2016 Wastewater Pay-As-You-Go	416,264	0	0	0	0	0	0	416,264
FY 2016 Wastewater Revenue CO's	18,800,000	0	0	0	0	0	0	18,800,000
FY 2017 10-Year Wastewater Revenue CO's	0	1,250,000	0	0	0	0	0	1,250,000
FY 2017 Wastewater Pay-As-You-Go	0	1,178,000	0	0	0	0	0	1,178,000
FY 2017 Wastewater Revenue CO's	0	3,900,000	0	0	0	0	0	3,900,000
FY 2018 10-Year Wastewater Revenue CO's	0	0	850,000	0	0	0	0	850,000
FY 2018 Wastewater Pay-As-You-Go	0	0	1,088,500	0	0	0	0	1,088,500
FY 2018 Wastewater Revenue CO's	0	0	7,150,000	0	0	0	0	7,150,000
FY 2019 10-Year Wastewater Revenue CO's	0	0	0	850,000	0	0	0	850,000
FY 2019 Wastewater Pay-As-You-Go	0	0	0	50,000	0	0	0	50,000
FY 2019 Wastewater Revenue CO's	0	0	0	2,650,000	0	0	0	2,650,000
FY 2020 10-Year Wastewater Revenue CO's	0	0	0	0	850,000	0	0	850,000
FY 2020 Wastewater Pay-As-You-Go	0	0	0	0	550,000	0	0	550,000
FY 2020 Wastewater Revenue CO's	0	0	0	0	650,000	0	0	650,000
FY 2021 10-Year Wastewater Revenue CO's	0	0	0	0	0	850,000	0	850,000
FY 2021 Wastewater Pay-As-You-Go	0	0	0	0	0	550,000	0	550,000
FY 2021 Wastewater Revenue CO's	0	0	0	0	0	650,000	0	650,000

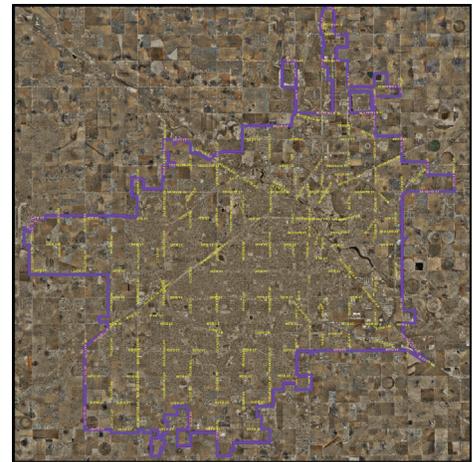
FY 2022 10-Year Wastewater Revenue CO's	0	0	0	0	0	0	850,000	850,000
FY 2022 Wastewater Pay-As-You-Go	0	0	0	0	0	0	300,000	300,000
FY 2022 Wastewater Revenue CO's	0	0	0	0	0	0	15,650,000	15,650,000
Wastewater Capital Project Fund	823,483	0	0	0	0	0	0	823,483
Wastewater Pay-As-You-Go	200,000	0	0	0	0	0	0	200,000
Total Wastewater Utility	176,436,264	6,328,000	9,088,500	3,550,000	2,050,000	2,050,000	16,800,000	216,302,764

Managing Department **Wastewater Collection**

Project Manager **Mary Gonzales**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Replace or adjust the elevation of existing manholes in right-of-ways to conform to the roadway and alley surface, which has been affected by paving improvements.

Project Justification

Replacement and adjustment of manholes located in existing streets and alleys.

Project History

During the past few years, the City Council has approved capital projects to recoat and seal coat streets, which has resulted in existing manholes that are no longer level with the roadway surface.

\$250,000 was appropriated in the FY 2009-10 Budget, Ord. No. 2009-O0073, August 27, 2009.

\$250,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	500,000	0	250,000	0	250,000	0	250,000	1,250,000
Total Project Appropriation	500,000	0	250,000	0	250,000	0	250,000	1,250,000

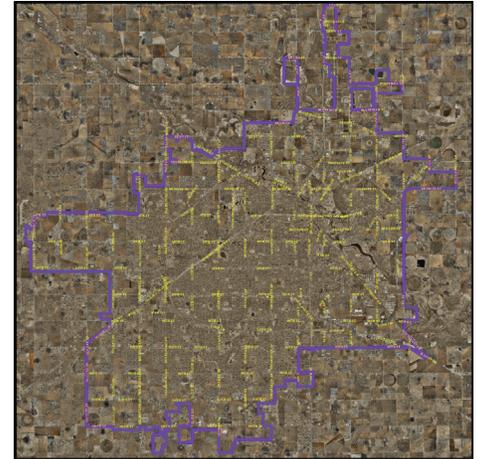
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2010 Wastewater Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2018 Wastewater Pay-As-You-Go	0	0	250,000	0	0	0	0	250,000
FY 2020 Wastewater Pay-As-You-Go	0	0	0	0	250,000	0	0	250,000
FY 2022 Wastewater Pay-As-You-Go	0	0	0	0	0	0	250,000	250,000
Wastewater Capital Project Fund	250,000	0	0	0	0	0	0	250,000
Total Funding Sources	500,000	0	250,000	0	250,000	0	250,000	1,250,000

Managing Department **Water Utility Admin**

Project Manager **Aubrey Spear**

Project Classification **Master Plans/Studies**

Project Status **Approved**



Project Scope

Under this project, the City will begin assessing the water quality requirements and associated treatment regimes, risks, and implementation scenarios for using treated effluent to supplement other raw water sources in the potable water treatment system. The effort includes assessing various treatment technologies for costs, energy requirements, residuals generated and associated disposal methods, regulatory requirements, and related issues. Several treatment scenarios may be identified for demonstration testing to further evaluate the feasibility, costs, monitoring, performance, and reliability aspects. Portions of the project may possibly be done jointly with other west Texas cities that have similar interests and objectives.

Project Justification

The project allows Wastewater staff to perform due diligence and planning necessary to be prepared to use treated wastewater to supplement its existing and future water supplies. While indirect reuse of treated wastewater is a common practice among municipalities, direct reuse has recently gained acceptance as a viable option as a result of emerging technologies. Indirect reuse can be more expensive and take more time to implement than direct reuse. Therefore, these two alternatives need to be evaluated and compared.

Project History

Increasing demands for water supply combined with technologies that allow systems to treat wastewater to very high quality levels has stimulated water utilities in Texas to consider direct potable reuse as part of an integrated water management strategy. Traditional indirect reuse allows the natural environment to act as a buffer or barrier between the discharged water and the potable water treatment system, providing dilution, blending, and detention time in a stream, reservoir, or other natural system. The City of Lubbock has several indirect water reuse alternatives that could supplement the existing potable water supply including constructing Lake 7 and the Post Reservoir. Reservoir permitting and construction is expensive and time consuming. If technologies are available to treat wastewater to higher standards, direct reuse may be a more cost effective approach to reuse.

\$300,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-00100, September 13, 2012.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	300,000	0	0	0	0	0	0	300,000
Total Project Appropriation	300,000	0	0	0	0	0	0	300,000

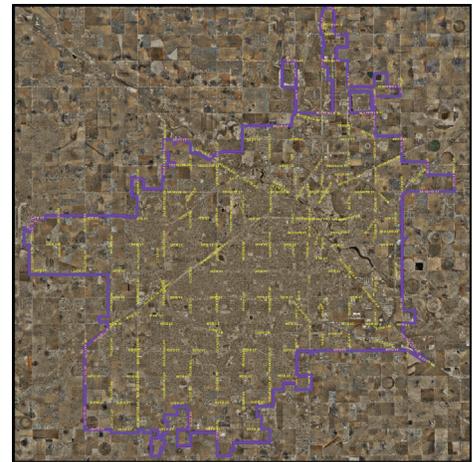
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2013 Wastewater Pay-As-You-Go	300,000	0	0	0	0	0	0	300,000
Total Funding Sources	300,000	0	0	0	0	0	0	300,000

Managing Department **Water Utility Admin.**

Project Manager **Aubrey Spear**

Project Classification **Master Plans/Studies**

Project Status **Approved**



Project Scope

Under this project, the City will further assess reclaimed water strategies contained in the 2013 Strategic Water Supply Plan. These strategies include the North Fork Diversion at County Road 7300, the North Fork Diversion to the Lake Alan Henry Pump Station, the South Fork Discharge, and the construction of Lake 7, or the Post Reservoir. The amount of reclaimed water available for indirect reuse will be evaluated. A conceptual design of the highest ranked strategy (North Fork Diversion at County Road 7300) will be developed which includes evaluation of appropriate diversion and transmission facilities including potential locations for such facilities. The conceptual design will include the assessment of water quality requirements and associated treatment regimes and implementation scenarios. The effort includes an evaluation of permitting, regulatory requirements, and other related issues. The collection of field data to assist in the evaluation may be necessary for the conceptual design.

Project Justification

The indirect use of reclaimed water to supplement the City’s water supply is an important part of the 2013 Strategic Water Supply Plan. This project allows Wastewater staff to perform due diligence and planning necessary to be prepared to use treated wastewater to supplement the City’s existing and future water supplies. Indirect reuse of reclaimed water is a common practice among municipalities. Indirect reuse provides natural barriers that “polish” the reclaimed water, but it can be more expensive and take more time to implement than direct reuse. Therefore, more information is needed to evaluate the various indirect reuse alternatives and the potential benefits they may add to Lubbock’s water supply.

Project History

The cost of finding, developing, transporting new water supplies to Lubbock is expensive. An alternative to finding and developing new sources of water is to reclaim wastewater for reuse as a potable water supply. Traditional indirect reuse allows the natural environment to act as a buffer or barrier between the discharged water and the potable water treatment system, providing dilution, blending, and detention time in a stream, reservoir, or other natural systems. The City’s 2013 Strategic Water Supply Plan includes several strategies that indirectly use reclaimed water. Since diversion facilities take many years to permit and construct, feasibility studies and conceptual designs are necessary to determine whether these strategies provide a feasible water supply solution.

\$250,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	250,000	0	0	0	0	0	0	250,000
Total Project Appropriation	250,000	0	0	0	0	0	0	250,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Wastewater Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
Total Funding Sources	250,000	0	0	0	0	0	0	250,000

Managing Department **Wastewater Collection**

Project Manager **Mary Gonzales**

Project Classification **Replacement Facility**

Project Status **Approved**



Project Scope

Purchase and install new equipment; modify and/or rehabilitate existing equipment, facility, and piping system; and other major maintenance activities.

Project Justification

Over time, gases and other materials commonly found in lift and pump stations cause a breakdown in building materials causing odors, sewer backups, and spills. Replacing aging infrastructure reduces emergency maintenance and system failures.

Project History

The project is part of an annual replacement program that ensures continuous and reliable pumping, compliance with the City's Texas Pollution Discharge Elimination permit, and overall performance.

\$200,000 was appropriated in FY 2003-04, Ord. No. 2003-00100, September 18, 2003.

\$100,000 was appropriated in FY 2004-05, Ord. No. 2005-00066, June 23, 2005.

\$425,000 was appropriated in FY 2006-07 Budget, Ord. No. 2006-00098, September 13, 2006.

Reduced funding by \$160,000, transfer to 91040, in FY 2006-07 Budget Amendment No. 15, Ord. No. 2007-00059, June 27, 2007.

\$260,000 was appropriated in FY 2007-08 Budget, Ord. No. 2007-00091, September 13, 2007.

\$310,000 was appropriated in FY 2008-09 Budget, Ord. No. 2008-00077, September 11, 2008.

Reduced funding by \$300,000 in the FY 2009-10 Budget, Ord. No. 2009-00073, August 27, 2009.

\$500,000 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-00070, September 16, 2010.

Reduced by \$500,000 in FY 2010-11, management reduction, December 21, 2010.

\$250,000 was appropriated in the FY 2011-12 Budget, Ord. No. 2011-00080, September 8, 2011.

\$1.0 million was appropriated in the FY 2012-13 Budget, Ord. No. 2012-00100, September 13, 2012.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	2,045,000	500,000	250,000	250,000	250,000	250,000	250,000	3,795,000
Design and Engineering	40,000	0	0	0	0	0	0	40,000
Total Project Appropriation	2,085,000	500,000	250,000	250,000	250,000	250,000	250,000	3,835,000

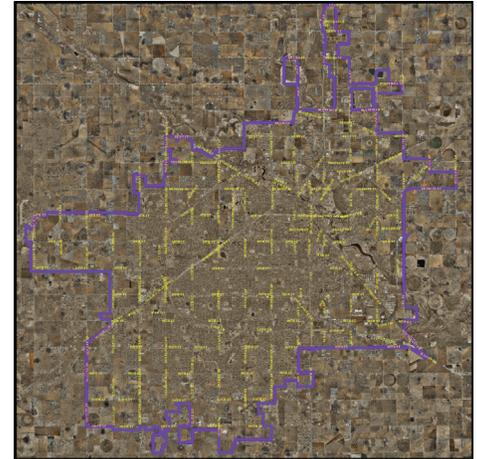
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2007 10-Year Wastewater Revenue CO's	312,699	0	0	0	0	0	0	312,699
FY 2008 Wastewater Revenue CO's	322,301	0	0	0	0	0	0	322,301
FY 2012 10-Year Wastewater Revenue CO's	250,000	0	0	0	0	0	0	250,000
FY 2013 10-Year Wastewater Revenue CO's	1,000,000	0	0	0	0	0	0	1,000,000
FY 2017 10-Year Wastewater Revenue CO's	0	500,000	0	0	0	0	0	500,000
FY 2018 10-Year Wastewater Revenue CO's	0	0	250,000	0	0	0	0	250,000
FY 2019 10-Year Wastewater Revenue CO's	0	0	0	250,000	0	0	0	250,000
FY 2020 10-Year Wastewater Revenue CO's	0	0	0	0	250,000	0	0	250,000
FY 2021 10-Year Wastewater Revenue CO's	0	0	0	0	0	250,000	0	250,000
FY 2022 10-Year Wastewater Revenue CO's	0	0	0	0	0	0	250,000	250,000
Wastewater Pay-As-You-Go	200,000	0	0	0	0	0	0	200,000
Total Funding Sources	2,085,000	500,000	250,000	250,000	250,000	250,000	250,000	3,835,000

Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Installation of sewer lines ahead of municipal, county, and state paving projects including but not limited to Gateway Paving Projects.

Project Justification

Coordinating line change-outs with street paving projects reduces paving costs associated with line change-outs and minimizes customer inconvenience.

Project History

The project is part of an annual sewer line installation program that is coordinated with street paving projects.

- \$460,000 was appropriated in FY 2004-05, Ord. No. 2005-00031, March 24, 2005.
- \$350,000 was appropriated in FY 2006-07 Budget, Ord. No. 2006-00098, September 13, 2006.
- \$365,000 was appropriated in FY 2007-08 Budget, Ord. No. 2007-00091, September 13, 2007.
- \$350,000 was appropriated in FY 2008-09 Budget, Ord. No. 2008-00077, September 11, 2008.
- Reduced funding by \$500,000 in FY 2009-10 Budget Amendment No. 6, Ord. No. 2009-00108, December 2, 2009.
- Reduced funding by \$100,000 in FY 2009-10, August 27, 2010.
- \$500,000 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-00070, September 16, 2010.
- \$750,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-00100, September 13, 2012.
- \$700,000 was appropriated in FY 2012-13 Budget Amendment No. 14, Ord. No. 2013-00009, February 14, 2013.
- \$250,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-00087, September 10, 2013.
- \$460,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.
- \$300,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-00094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	3,885,000	0	0	0	0	0	0	3,885,000
Total Project Appropriation	3,885,000	0	0	0	0	0	0	3,885,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
2004 Tax and Waterworks CO's	60,000	0	0	0	0	0	0	60,000
2005 Wastewater Revenue CO's	400,000	0	0	0	0	0	0	400,000
FY 2006 Wastewater Revenue CO's	200,257	0	0	0	0	0	0	200,257
FY 2008 Wastewater Revenue CO's	264,743	0	0	0	0	0	0	264,743
FY 2011 Wastewater Revenue CO's	1,200,000	0	0	0	0	0	0	1,200,000
FY 2013 Wastewater Revenue CO's	750,000	0	0	0	0	0	0	750,000
FY 2014 Wastewater Revenue CO's	250,000	0	0	0	0	0	0	250,000
FY 2015 Wastewater Revenue CO's	460,000	0	0	0	0	0	0	460,000
FY 2016 Wastewater Revenue CO's	300,000	0	0	0	0	0	0	300,000
Total Funding Sources	3,885,000	0	0	0	0	0	0	3,885,000

Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Water Planning and water management are priorities established by the City Council. One of the objectives of the Strategic Water Supply Plan adopted by the City Council in 2007 is to utilize the City’s effluent as a valuable water resource asset. The project improves the wastewater treatment facilities so that the plant can produce a consistent supply of stream quality discharge into the North Fork of the Double Mountain Fork of the Brazos River.

Project Justification

The project includes design and construction for plant improvements to the Southeast Water Reclamation Plant (SEWRP). The improvements will be constructed in four phases. Phase I includes upgrades to the influent pump station and the influent lift station. Phase II includes the design and construction of improvements associated to upgrade Plant 4 for biological nutrient removal, filtration, and ultraviolet disinfection. Phase III includes the design and construction of improvements to solids handling. Phase IV includes upgrades to Plant 3 for biological nutrient removal. The improvements will produce stream quality effluent which will be discharged into the North Fork of the Double Mountain fork of the Brazos River for potential reuse.

The project is associated with Phase III for the improvements to the Solids Handling portion of the plant improvements.

Project History

\$2.5 million was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.
 \$1.0 million was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.
 \$1.5 million was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.
 \$40.0 million was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.
 \$1.0 million was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	42,500,000	0	0	0	0	0	0	42,500,000
Design and Engineering	3,500,000	0	0	0	0	0	0	3,500,000
Total Project Appropriation	46,000,000	0	0	0	0	0	0	46,000,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2011 Wastewater Revenue CO's	3,466,435	0	0	0	0	0	0	3,466,435
FY 2012 Wastewater Revenue CO's	2,000,000	0	0	0	0	0	0	2,000,000
FY 2013 Wastewater Revenue CO's	1,500,000	0	0	0	0	0	0	1,500,000
FY 2014 Wastewater Revenue CO's	38,033,565	0	0	0	0	0	0	38,033,565
FY 2015 Wastewater Revenue CO's	1,000,000	0	0	0	0	0	0	1,000,000
Total Funding Sources	46,000,000	0	0	0	0	0	0	46,000,000

Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Engineering and construction of large diameter sanitary sewer mains in South and Southwest Lubbock, as recommended by the Sewer Collection System Master Plan. The areas included are south of 114th Street and west of University Avenue.

Project Justification

The project provides sanitary sewer service to newly annexed areas in South and Southwest Lubbock. With recent annexations in South and Southwest Lubbock, the sanitary sewer collection system needs to be extended to provide service.

Project History

\$2.0 million was appropriated in the FY 2012-13 Budget, Ord. No. 2012-00100, September 13, 2012.

\$1.0 million was appropriated in the FY 2013-14 Budget, Ord. No. 2013-00087, September 10, 2013.

\$16.0 million was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	17,000,000	0	0	0	0	0	0	17,000,000
Design and Engineering	2,000,000	0	0	0	0	0	0	2,000,000
Total Project Appropriation	19,000,000	0	0	0	0	0	0	19,000,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2011 Wastewater Revenue CO's	2,000,000	0	0	0	0	0	0	2,000,000
FY 2014 Wastewater Revenue CO's	1,000,000	0	0	0	0	0	0	1,000,000
FY 2015 Wastewater Revenue CO's	16,000,000	0	0	0	0	0	0	16,000,000
Total Funding Sources	19,000,000	0	0	0	0	0	0	19,000,000

Managing Department **Wastewater Treatment**

Project Manager **Mary Gonzales**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Design and construct a generator facility to ensure electrical power to Lift Station 48 prior to the headworks and the Plant 4 intermediate lift station to maintain pump capacity during power outages. Design and install automatic switch gear on effluent pump station 2 to ensure automatic start of effluent pumps during power outages.

Project Justification

The ability to have generators to start influent and effluent pumps in emergency situations ensures the ability to pump raw wastewater into the Southeast Water Reclamation Plant and compliance with the City's Texas Pollution Discharge Elimination permit.

Project History

The project will ensure continuous reliable pumping of wastewater during power outages and emergency situations.

\$450,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-00100, September 13, 2012.

\$1,500,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-00087, September 10, 2013.

\$250,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-00094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	2,050,000	0	0	0	0	0	0	2,050,000
Design and Engineering	150,000	0	0	0	0	0	0	150,000
Total Project Appropriation	2,200,000	0	0	0	0	0	0	2,200,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2013 10-Year Wastewater Revenue CO's	450,000	0	0	0	0	0	0	450,000
FY 2014 10-Year Wastewater Revenue CO's	926,517	0	0	0	0	0	0	926,517
FY 2016 10-Year Wastewater Revenue CO's	250,000	0	0	0	0	0	0	250,000
Wastewater Capital Project Fund	573,483	0	0	0	0	0	0	573,483
Total Funding Sources	2,200,000	0	0	0	0	0	0	2,200,000

Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope

Replacement of large diameter sanitary sewer mains located within the City of Lubbock that has reached their useful life as determined by the 2009 Sewer Collection System Master Plan.

Project Justification

The City of Lubbock’s Sanitary Sewer System has large mains that have surpassed their useful design life and need to be rehabilitated or replaced. Some of these lines currently have issues with inflows and infiltration which are both regulated by the TCEQ. The rehabilitation or replacement will greatly reduce the risk of having infiltration and inflow and structural issues within these areas.

Project History

The 2009 Sewer Collection System Master Plan identified large diameter sanitary sewer mains within the City of Lubbock that need rehabilitation due to age and capacity. The Canyon Lakes Sanitary Sewer Main was identified as one of the Mains that had outlived its design life.

\$1.5 million was appropriated in the FY 2012-13 Budget, Ord. No. 2012-00100, September 13, 2012.

\$6.0 million was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	6,000,000	2,000,000	3,000,000	1,000,000	0	0	0	12,000,000
Design and Engineering	1,500,000	0	0	0	0	0	0	1,500,000
Total Project Appropriation	7,500,000	2,000,000	3,000,000	1,000,000	0	0	0	13,500,000

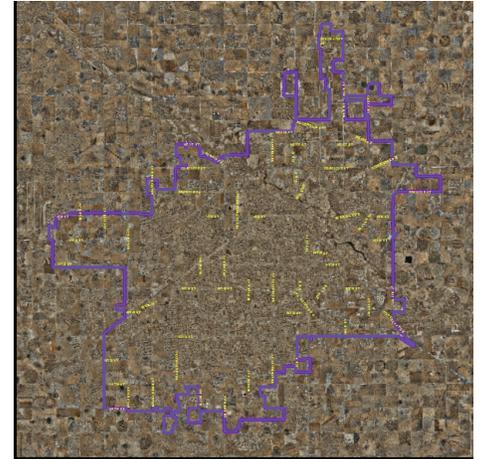
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2013 Wastewater Revenue CO's	1,500,000	0	0	0	0	0	0	1,500,000
FY 2015 Wastewater Revenue CO's	6,000,000	0	0	0	0	0	0	6,000,000
FY 2017 Wastewater Revenue CO's	0	2,000,000	0	0	0	0	0	2,000,000
FY 2018 Wastewater Revenue CO's	0	0	3,000,000	0	0	0	0	3,000,000
FY 2019 Wastewater Revenue CO's	0	0	0	1,000,000	0	0	0	1,000,000
Total Funding Sources	7,500,000	2,000,000	3,000,000	1,000,000	0	0	0	13,500,000

Managing Department **Waste Water Collection**

Project Manager **Mary Gonzales**

Project Classification **Replacement Equipment/Fleet**

Project Status **Approved**



Project Scope

This project is for the annual vehicle replacement for Wastewater Fund.

6411 Wastewater Treatment

1/2 Ton Pickup Crew Cab (replace 12006125) - 28,775

6413 Wastewater Collection

1 Ton Pickup (replace 320008082)- 33,239
 Hydrocleaner (replace 82009017) - 180,000

6415 Land Application

1 Ton Pickup Flatbed 4x4 (replace 32011100) - 33,000
 Telehandler (replace 92005091) - 115,000

6417 Industrial Monitoring

1/2 Ton 4x4 Extended Cab Short Bed (replace 22006135) - 26,250

Project Justification

Replacement of vehicles and equipment that are at the end of their useful life.

Project History

\$416,264 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	416,264	0	0	0	0	0	0	416,264
Total Project Appropriation	416,264	0	0	0	0	0	0	416,264

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 Wastewater Pay-As-You-Go	416,264	0	0	0	0	0	0	416,264
Total Funding Sources	416,264	0	0	0	0	0	0	416,264

Managing Department **Wastewater Treatment**

Project Manager **Mary Gonzales**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Perform a permitting and marketing analysis for a composting facility for biosolids processed at the Southeast Water Reclamation Plant (SEWRP).

Project Justification

The SEWRP processes approximately 600,000 pounds of biosolids per week that is disposed of in the West Texas Regional Disposal Facility. With the upgrades to the SEWRP, the amount of biosolids will increase. Designing and permitting a composting facility allows the City to implement biosolids management alternatives that reduces or eliminates the SEWRP's dependence on the landfill, maximize the beneficial uses of the biosolids, and offer operational flexibility.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	500,000	0	500,000
Total Project Appropriation	0	0	0	0	0	500,000	0	500,000

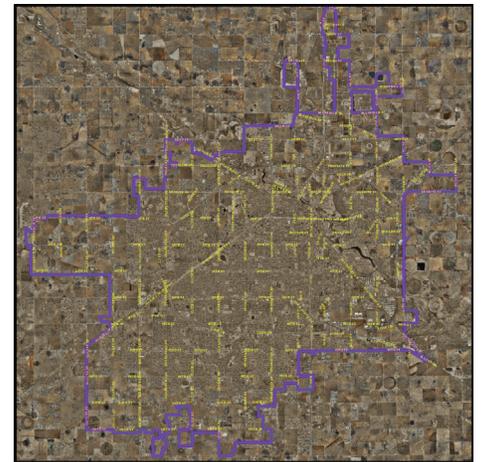
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2021 Wastewater Pay-As-You-Go	0	0	0	0	0	500,000	0	500,000
Total Funding Sources	0	0	0	0	0	500,000	0	500,000

Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **Master Plans/Studies**

Project Status **Requested**



Project Scope

Update the current Wastewater Collection System Master Plan and computer model based on improvements constructed after the completion of the Plan in 2009.

Project Justification

A master plan is created to efficiently develop and operate the wastewater collection system. The City developed a master plan, completed in 2009, that provides for the Wastewater Collection System for the next 50 years. The plan provides a computer model of the wastewater collection system, evaluates the existing wastewater collection system and lift stations, provides recommendations on hydrogen sulfide issues, and proposes future capital improvements. The master plan is required to evaluate the existing collection system and provide a future master plan for expected development growth. It is recommended the plan be updated every five years.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	0	500,000	500,000	0	0	0	0	1,000,000
Total Project Appropriation	0	500,000	500,000	0	0	0	0	1,000,000

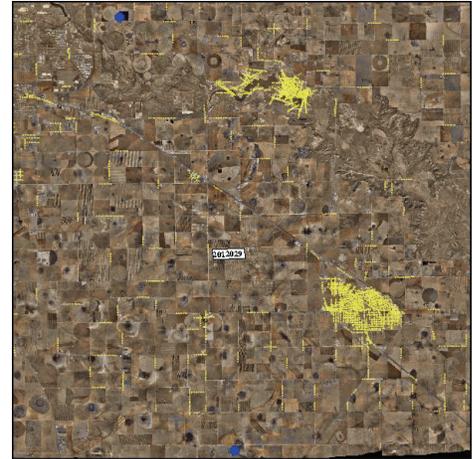
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Wastewater Pay-As-You-Go	0	500,000	0	0	0	0	0	500,000
FY 2018 Wastewater Pay-As-You-Go	0	0	500,000	0	0	0	0	500,000
Total Funding Sources	0	500,000	500,000	0	0	0	0	1,000,000

Managing Department **Land Application**

Project Manager **Aubrey Spear**

Project Classification **Master Plans/Studies**

Project Status **Requested**



Project Scope

Perform due diligence and planning regarding the preparation of a plan for the phased reduction in use of the land application sites in conjunction with the short-, mid-, and long-term needs of the City’s current and future wastewater reuse operations. The effort includes evaluating and identifying various future operational needs for land application with respect to improvements being made in effluent water quality. The scope will evaluate past, present and future operations at both the Hancock Land Application site (HLAS) and Lubbock Land Application site (LLAS) in terms of the nitrogen and water balances of the wastewater applications and the possible impacts to the subsurface soil and groundwater as they relate to the ongoing groundwater monitoring and remediation requirements imposed by the TCEQ.

Project Justification

This project allows Wastewater staff to perform due diligence and planning necessary to develop a short-, mid- and long-term strategy for the reduced use of, and reliance on, LLAS and HLAS as a way of managing treated wastewater during the next 50 years. It also allows staff to ensure that existing City owned Land Application Sites are kept in compliance with current regulations and permits.

Project History

The City has operated land application facilities for many decades. However, the City is investing millions of dollars in upgrading its wastewater treatment facilities to produce higher quality water that can be reused for other beneficial purposes in addition to growing crops at HLAS and LLAS. Current land application operations are in compliance with TCEQ regulations. However, past land application practices created groundwater contaminated with elevated nitrates at LLAS. Ongoing groundwater remediation at LLAS is implemented in accordance with a 2002 Remediation Plan approved by the TCEQ. A more comprehensive evaluation of the impact and benefits of reducing the City’s reliance on land application facilities is needed.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	0	0	0	0	250,000	0	0	250,000
Total Project Appropriation	0	0	0	0	250,000	0	0	250,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2020 Wastewater Pay-As-You-Go	0	0	0	0	250,000	0	0	250,000
Total Funding Sources	0	0	0	0	250,000	0	0	250,000

Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Design and construction of Southeast Water Reclamation Plant (SEWRP) improvements. The improvements will be constructed in several phases. Phase I includes upgrades to the influent pump station and the influent lift station. Phase II includes the design and construction of improvements associated to upgrade Plant 4 for biological nutrient removal, filtration, and ultraviolet disinfection. Phase III includes the design and construction of improvements to solids handling. Phase IV includes upgrades to Plant 3 for biological nutrient removal. The improvements will produce stream quality effluent, which will be discharged into the North Fork of the Double Mountain Fork of the Brazos River for potential reuse.

This capital project is associated with Phase IV upgrades to Plant 3 for biological nutrient removal treatment process.

Project Justification

Water planning and water management are City Council priorities. One of the objectives of the Strategic Water Supply Plan adopted by the City Council in 2007 is to utilize the City's effluent as a valuable water resource asset. The project improves the waste water treatment facilities so that the plant can produce a consistent supply of stream quality discharge for discharge into the North Fork of the Double Mountain Fork of the Brazos River.

Project History

Phase I, Influent Lift Station has been completed and Phase II, Plant 4 Improvements is currently under construction. Phase III is expected to begin design in FY 2016-17.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	1,500,000	1,000,000	0	0	15,000,000	17,500,000
Design and Engineering	0	1,000,000	0	0	0	0	0	1,000,000
Total Project Appropriation	0	1,000,000	1,500,000	1,000,000	0	0	15,000,000	18,500,000

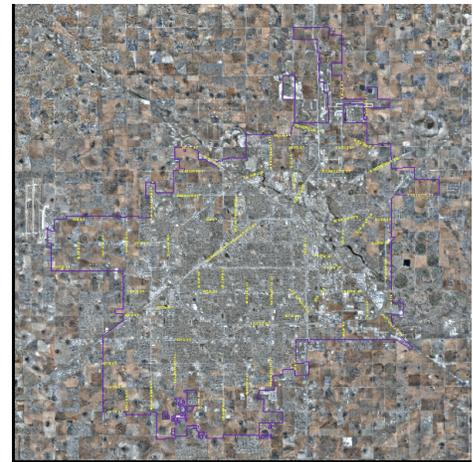
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Wastewater Revenue CO's	0	1,000,000	0	0	0	0	0	1,000,000
FY 2018 Wastewater Revenue CO's	0	0	1,500,000	0	0	0	0	1,500,000
FY 2019 Wastewater Revenue CO's	0	0	0	1,000,000	0	0	0	1,000,000
FY 2022 Wastewater Revenue CO's	0	0	0	0	0	0	15,000,000	15,000,000
Total Funding Sources	0	1,000,000	1,500,000	1,000,000	0	0	15,000,000	18,500,000

Managing Department **Wastewater Treatment**

Project Manager **Mary Gonzales**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

Under this project, City staff will evaluate, design, purchase, install, modify and/or rehabilitate existing electrical transformers switch gears, and ancillary facilities. This project is necessary in order to keep the SEWRP in compliance with current electrical codes and meeting TCEQ wastewater treatment requirements.

Project Justification

The current electrical equipment, transformers, and switchgear at the Southeast Water Reclamation Plant (SEWRP) is over 25 years old. The equipment operates in a corrosive environment. The resilience of the electrical systems is vital to ensuring that the SEWRP treats wastewater effectively and efficiently. This project provides for the replacement of the aging electrical infrastructure and equipment so that they function properly and meet the current electrical codes.

Project History

All of the City's wastewater is collected into the SEWRP for treatment and final disposition. The SEWRP has consisted of four Plants over its lifespan. Plant 1 was constructed in the 1940s (decommissioned), Plant 2 in the 1950s (ready for decommissioning), Plant 3 in the 1970s, and Plant 4 in 1992. In 1992, the electrical system for the SEWRP was upgraded with improvements. However, electrical codes and technology have changed substantially since 1992. This upgrade will ensure continuous and reliable wastewater treatment and ensure compliance with the City's Texas Pollution Discharge Elimination permit, and overall performance.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	2,000,000	0	0	0	0	2,000,000
Design and Engineering	0	500,000	0	0	0	0	0	500,000
Total Project Appropriation	0	500,000	2,000,000	0	0	0	0	2,500,000

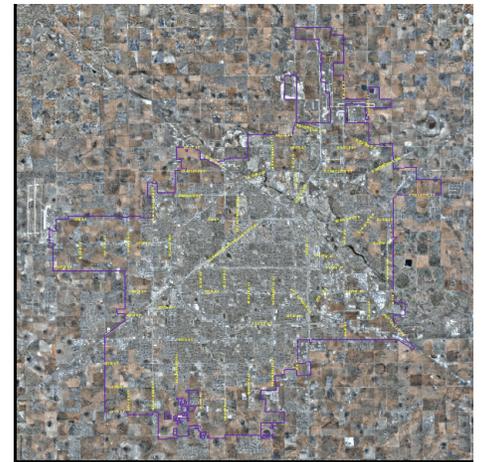
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Wastewater Revenue CO's	0	500,000	0	0	0	0	0	500,000
FY 2018 Wastewater Revenue CO's	0	0	2,000,000	0	0	0	0	2,000,000
Total Funding Sources	0	500,000	2,000,000	0	0	0	0	2,500,000

Managing Department **Waste Water Collection**

Project Manager **Mary Gonzales**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope
Replacement of deteriorated or damaged sanitary sewer lines and manholes.

Project Justification
Replacing aging infrastructure reduces emergency maintenance expenditures, system failures, and customer complaints.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000
Total Project Appropriation	0	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000

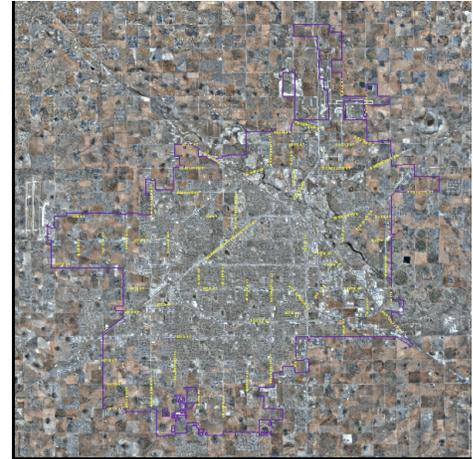
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Wastewater Revenue CO's	0	400,000	0	0	0	0	0	400,000
FY 2018 Wastewater Revenue CO's	0	0	400,000	0	0	0	0	400,000
FY 2019 Wastewater Revenue CO's	0	0	0	400,000	0	0	0	400,000
FY 2020 Wastewater Revenue CO's	0	0	0	0	400,000	0	0	400,000
FY 2021 Wastewater Revenue CO's	0	0	0	0	0	400,000	0	400,000
FY 2022 Wastewater Revenue CO's	0	0	0	0	0	0	400,000	400,000
Total Funding Sources	0	400,000	400,000	400,000	400,000	400,000	400,000	2,400,000

Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

Installation of sewer lines ahead of municipal, county, and state paving projects including but not limited to Gateway Paving Projects.

Project Justification

Coordinating line change-outs with street paving projects reduces paving costs associated with line change-outs and minimizes customer inconvenience.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Total Project Appropriation	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000

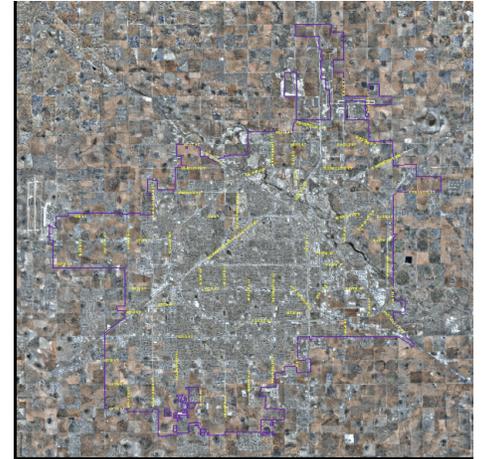
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Wastewater Revenue CO's	0	0	250,000	0	0	0	0	250,000
FY 2019 Wastewater Revenue CO's	0	0	0	250,000	0	0	0	250,000
FY 2020 Wastewater Revenue CO's	0	0	0	0	250,000	0	0	250,000
FY 2021 Wastewater Revenue CO's	0	0	0	0	0	250,000	0	250,000
FY 2022 Wastewater Revenue CO's	0	0	0	0	0	0	250,000	250,000
Total Funding Sources	0	0	250,000	250,000	250,000	250,000	250,000	1,250,000

Managing Department **Wastewater Collection**

Project Manager **Mary Gonzales**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope
 Replace failed sewer taps.

Project Justification
 Replacing broken and aging infrastructure reduces maintenance expenditures, system failures, and customer inconvenience. Damaged taps cause odors, sewer backups, and spills that are potential for citizen complaints, threaten human safety, and may result in regulatory fines.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Total Project Appropriation	0	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000

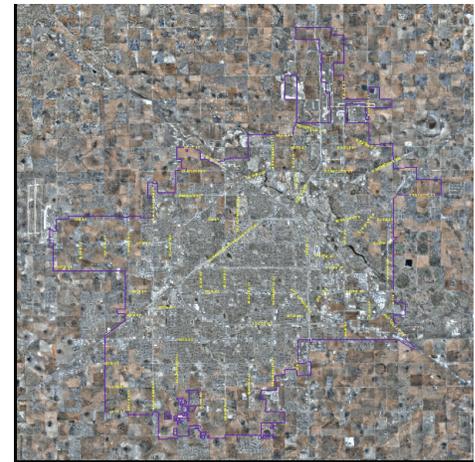
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 10-Year Wastewater Revenue CO's	0	300,000	0	0	0	0	0	300,000
FY 2018 10-Year Wastewater Revenue CO's	0	0	300,000	0	0	0	0	300,000
FY 2019 10-Year Wastewater Revenue CO's	0	0	0	300,000	0	0	0	300,000
FY 2020 10-Year Wastewater Revenue CO's	0	0	0	0	300,000	0	0	300,000
FY 2021 10-Year Wastewater Revenue CO's	0	0	0	0	0	300,000	0	300,000
FY 2022 10-Year Wastewater Revenue CO's	0	0	0	0	0	0	300,000	300,000
Total Funding Sources	0	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000

Managing Department **Waste Water Collection**

Project Manager **Mary Gonzales**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

Purchase and install new equipment; modify and/or rehabilitate existing equipment, facility, and piping system; and other major maintenance activities.

Project Justification

Replacing aging infrastructure reduces emergency maintenance expenditures and system failures.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	450,000	300,000	300,000	300,000	300,000	300,000	1,950,000
Total Project Appropriation	0	450,000	300,000	300,000	300,000	300,000	300,000	1,950,000

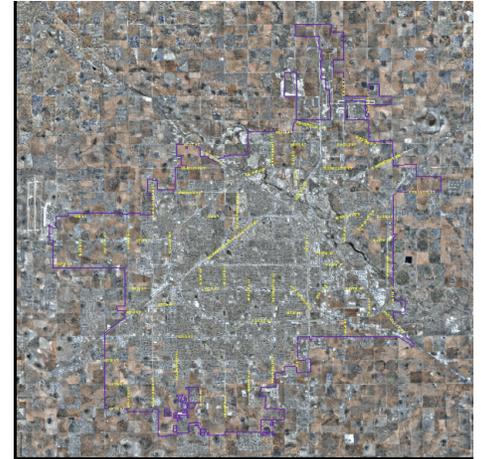
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 10-Year Wastewater Revenue CO's	0	450,000	0	0	0	0	0	450,000
FY 2018 10-Year Wastewater Revenue CO's	0	0	300,000	0	0	0	0	300,000
FY 2019 10-Year Wastewater Revenue CO's	0	0	0	300,000	0	0	0	300,000
FY 2020 10-Year Wastewater Revenue CO's	0	0	0	0	300,000	0	0	300,000
FY 2021 10-Year Wastewater Revenue CO's	0	0	0	0	0	300,000	0	300,000
FY 2022 10-Year Wastewater Revenue CO's	0	0	0	0	0	0	300,000	300,000
Total Funding Sources	0	450,000	300,000	300,000	300,000	300,000	300,000	1,950,000

Managing Department **Sampling & Monitoring**

Project Manager **Mary Gonzales**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

Install wells and repair well and pipeline infrastructure for groundwater production, monitoring, and remediation at the Lubbock Land Application Site, Hancock Land Application Site, and the Jim Bertram Lakes System

Project Justification

The wells, infrastructure, and pipelines are required in order to meet the requirements of the Groundwater Remediation Plan and groundwater protection activities associated with Texas Commission on Environmental Quality Permits WQ0010353-002 and WQ0004599000. Replacing and repairing aging infrastructure reduces emergency maintenance expenditures and system failures

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	50,000	50,000	50,000	50,000	50,000	50,000	300,000
Total Project Appropriation	0	50,000	50,000	50,000	50,000	50,000	50,000	300,000

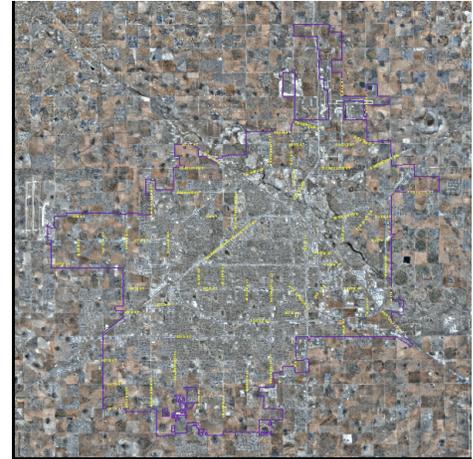
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Wastewater Pay-As-You-Go	0	50,000	0	0	0	0	0	50,000
FY 2018 Wastewater Pay-As-You-Go	0	0	50,000	0	0	0	0	50,000
FY 2019 Wastewater Pay-As-You-Go	0	0	0	50,000	0	0	0	50,000
FY 2020 Wastewater Pay-As-You-Go	0	0	0	0	50,000	0	0	50,000
FY 2021 Wastewater Pay-As-You-Go	0	0	0	0	0	50,000	0	50,000
FY 2022 Wastewater Pay-As-You-Go	0	0	0	0	0	0	50,000	50,000
Total Funding Sources	0	50,000	50,000	50,000	50,000	50,000	50,000	300,000

Managing Department **Waste Water Collection**

Project Manager **Mary Gonzales**

Project Classification **Replacement Equipment/Fleet**

Project Status **Requested**



Project Scope

This project is for the annual vehicle replacement for Wastewater Fund.

6411 Wastewater Treatment
 1/2 Ton Pickup Crew Cab 4x4 (replace V12006125) - 28,000
 Belly Dump Trailer (replace V02007103) - 41,000
 Belly Dump Trailer (replace V02007104) - 41,000
 1/2 Ton Pickup (New) - 25,000

6413 Wastewater Collection
 Trailer 5K GVWR (replace V02005068) - 5,000

6415 Land Application
 Ag Tractor (replace 92003005) - 250,000
 (2) Hay Rake (New) - 70,000
 (2) Center Pivots (New) - 168,000

FY 2017-18 Requests:
 6411 Wastewater Treatment
 3/4 Ton Pickup Extended Cab 4x4 Utility Bed (New) - 36,500
 3/4 Ton Pickup 4x4 Utility Bed (New) - 34,000
 Bobcat Skid Steer (New) - 50,000

6415 Land Application
 (2) Center Pivots (New) - 168,000

Project Justification

Replacement of vehicles and equipment that are at the end of their useful life.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	0	628,000	288,500	0	0	0	0	916,500
Total Project Appropriation	0	628,000	288,500	0	0	0	0	916,500

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Wastewater Pay-As-You-Go	0	628,000	0	0	0	0	0	628,000
FY 2018 Wastewater Pay-As-You-Go	0	0	288,500	0	0	0	0	288,500
Total Funding Sources	0	628,000	288,500	0	0	0	0	916,500



Water Utility

Appropriation Summary

	Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
8532	Supplemental Water Supply for LAH	1,300,000	0	0	0	0	0	0	1,300,000
8543	Lake Alan Henry Repairs/Maintenance	5,005,889	0	0	2,000,000	0	0	0	7,005,889
8587	Water System Master Plan & Model Update	900,000	50,000	50,000	50,000	0	0	0	1,050,000
8598	Brackish Well Field Evaluation	390,000	0	0	0	0	0	0	390,000
8607	Water and Wastewater Rate Structure Evaluation	150,000	0	0	0	0	0	0	150,000
91003	Bailey County Wellfield Improvements	4,985,583	14,000,000	0	5,000,000	0	0	0	23,985,583
91007	Comprehensive Water Line Changeouts	4,019,040	500,000	250,000	250,000	0	0	0	5,019,040
91032	Water Treatment Plant Improvements	15,402,000	2,000,000	12,000,000	6,500,000	0	0	0	35,902,000
91033	Pumping System Improvements	2,806,875	0	0	0	0	0	0	2,806,875
92169	Irrigation Automation & Control Systems	2,857,960	0	0	0	0	0	0	2,857,960
92253	Locate and Replace Water Valves	2,250,000	0	200,000	0	200,000	0	200,000	2,850,000
92255	BCWF Supply Line/Pumping System	42,000,000	600,000	1,500,000	0	0	0	0	44,100,000
92313	Pump Station Disinfection Systems	1,000,000	0	0	0	0	0	0	1,000,000
92353	South Lubbock Water Treatment Plant Expansion	1,000,000	2,000,000	0	6,500,000	0	0	0	9,500,000
92396	Bailey County Well Field Data Radios	650,000	0	0	0	0	0	0	650,000
92397	Pump Station 10	1,000,000	12,000,000	0	0	0	0	0	13,000,000
92398	Water Vehicle Replacement	322,219	0	0	0	0	0	0	322,219
92424	Water Vehicle Replacement FY 15-16	929,375	0	0	0	0	0	0	929,375
2010095	Evaluation of Bailey County Supply Line	0	750,000	0	0	0	0	0	750,000
2011021	Bertram Lake 7 Permitting & Mitigation	0	0	0	0	0	0	4,500,000	4,500,000
2012020	Southland Booster Pump Station	0	0	0	0	0	1,000,000	14,000,000	15,000,000
2013032	Lowhead C Pump Station and Supply Line	0	750,000	750,000	20,000,000	0	0	0	21,500,000
2016058	Lake Alan Henry Watershed Management	0	400,000	0	0	0	0	0	400,000
2016080	Strategic Water Supply Planning	0	200,000	0	0	0	0	0	200,000
2016089	Asset Management	0	200,000	200,000	0	0	0	0	400,000
2016091	Transmission Line & Easement Maintenance	0	200,000	0	0	0	0	0	200,000
2016127	Elevated Storage Tanks	0	200,000	500,000	2,000,000	0	0	0	2,700,000
2016182	Pumping System Improvements Phase II	0	0	500,000	500,000	500,000	500,000	500,000	2,500,000
2016183	Water Line Replacement Phase II	0	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
2016184	Water Lines Ahead of Street Pavings Phase II	0	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
2016185	Water Meter Replacements Phase II	0	450,000	470,000	490,000	510,000	530,000	550,000	3,000,000
2016195	Water Vehicle Replacement FY 16-17	0	693,243	0	0	0	0	0	693,243
Total	Water Utility	86,968,941	35,493,243	16,920,000	43,790,000	1,710,000	2,530,000	20,250,000	207,662,184

Water Utility

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
2003 Tax and Waterworks Revenue CO's	532,522	0	0	0	0	0	0	532,522
FY 2006 Water Revenue CO's	2,000,000	0	0	0	0	0	0	2,000,000
FY 2007 Water Revenue CO's	709,223	0	0	0	0	0	0	709,223
FY 2008 10-year Water Revenue CO's	330,000	0	0	0	0	0	0	330,000
FY 2008 Water Revenue CO's	3,225,888	0	0	0	0	0	0	3,225,888
FY 2009 10-year Water Revenue CO's	3,445,350	0	0	0	0	0	0	3,445,350
FY 2009 Water Revenue CO's	1,175,000	0	0	0	0	0	0	1,175,000
FY 2010 10-year Water Revenue CO's	384,485	0	0	0	0	0	0	384,485
FY 2010 Water Revenue CO's	23,364,588	0	0	0	0	0	0	23,364,588
FY 2011 10-year Water Revenue CO's	8,572,000	0	0	0	0	0	0	8,572,000
FY 2011 Water Revenue CO's	5,660,807	0	0	0	0	0	0	5,660,807
FY 2012 10-year Water Revenue CO's	2,200,000	0	0	0	0	0	0	2,200,000
FY 2012 Water Revenue CO's	12,500,000	0	0	0	0	0	0	12,500,000
FY 2014 10-year Water Revenue CO's	700,000	0	0	0	0	0	0	700,000
FY 2014 Water Pay-As-You-Go	500,000	0	0	0	0	0	0	500,000
FY 2014 Water Revenue CO's	1,000,000	0	0	0	0	0	0	1,000,000
FY 2015 10-year Water Revenue CO's	500,000	0	0	0	0	0	0	500,000
FY 2015 Water Pay-As-You-Go	1,522,219	0	0	0	0	0	0	1,522,219
FY 2016 10-Year Water Revenue CO's	6,000,000	0	0	0	0	0	0	6,000,000
FY 2016 Water Pay-As-You-Go	2,479,375	0	0	0	0	0	0	2,479,375
FY 2016 Water Revenue CO's	9,467,915	0	0	0	0	0	0	9,467,915
FY 2017 10-Year Water Revenue CO's	0	2,000,000	0	0	0	0	0	2,000,000
FY 2017 Water Pay-As-You-Go	0	3,693,243	0	0	0	0	0	3,693,243
FY 2017 Water Revenue CO's	0	29,800,000	0	0	0	0	0	29,800,000
FY 2018 10-year Water Revenue CO's	0	0	12,000,000	0	0	0	0	12,000,000
FY 2018 Water Pay-As-You-Go	0	0	1,920,000	0	0	0	0	1,920,000
FY 2018 Water Revenue CO's	0	0	3,000,000	0	0	0	0	3,000,000
FY 2019 10-year Water Revenue CO's	0	0	0	6,500,000	0	0	0	6,500,000
FY 2019 Water Pay-As-You-Go	0	0	0	1,540,000	0	0	0	1,540,000
FY 2019 Water Revenue CO's	0	0	0	35,750,000	0	0	0	35,750,000
FY 2020 Water Pay-As-You-Go	0	0	0	0	1,460,000	0	0	1,460,000
FY 2020 Water Revenue CO's	0	0	0	0	250,000	0	0	250,000
FY 2021 Water Pay-As-You-Go	0	0	0	0	0	1,280,000	0	1,280,000
FY 2021 Water Revenue CO's	0	0	0	0	0	1,250,000	0	1,250,000
FY 2022 Water Pay-As-You-Go	0	0	0	0	0	0	1,500,000	1,500,000
FY 2022 Water Revenue CO's	0	0	0	0	0	0	18,750,000	18,750,000
Grant Funding	90,000	0	0	0	0	0	0	90,000
LAH Repair/Replacement Fund	505,889	0	0	0	0	0	0	505,889
Water Utility Pay-As-You-Go	103,680	0	0	0	0	0	0	103,680

Total	Water Utility	86,968,941	35,493,243	16,920,000	43,790,000	1,710,000	2,530,000	20,250,000	207,662,184
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Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Maintenance and repairs associated with the John T. Montford Dam at Lake Alan Henry. Maintenance and repairs are restricted to the dam, spillway, and structures associated with the John T. Montford Dam. Maintenance and repair projects will be evaluated and implemented based on importance related to the structure and safety of the dam. One project that will be considered will be erosion control on the dam and around the spillway. Erosion has caused decreased stability in the soils on the dam and around the spillway that has resulted in sedimentation buildup in the spillway.

Project Justification

Maintenance and repairs necessary to maintain and operate the dam and structures associated with the operation of the facilities.

Project History

\$505,889 was appropriated in FY 2008-09 Budget, Ord. No. 2008-O0077, September 11, 2008.
 \$2.0 million was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.
 \$3.0 million was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.
 \$2.0 million was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.
 Reduced appropriation by \$2.5 million in FY 2015-16 Budget Amendment No. 8, Budget Ord. No. 2015-O0120, December 3, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	5,005,889	0	0	2,000,000	0	0	0	7,005,889
Total Project Appropriation	5,005,889	0	0	2,000,000	0	0	0	7,005,889

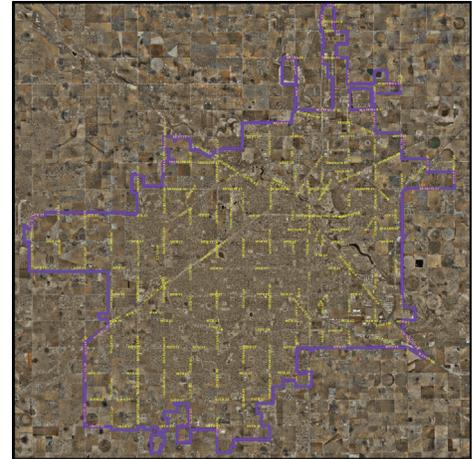
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2011 Water Revenue CO's	4,000,000	0	0	0	0	0	0	4,000,000
FY 2012 Water Revenue CO's	500,000	0	0	0	0	0	0	500,000
FY 2019 Water Revenue CO's	0	0	0	2,000,000	0	0	0	2,000,000
LAH Repair/Replacement Fund	505,889	0	0	0	0	0	0	505,889
Total Funding Sources	5,005,889	0	0	2,000,000	0	0	0	7,005,889

Managing Department **Water Utility Admin.**

Project Manager **John Turpin**

Project Classification **Master Plans/Studies**

Project Status **Approved**



Project Scope

Historical water use within the system will be evaluated to identify various system demands. Current and future land uses that will be served by the water system will be identified for redevelopment areas and areas into which the City will expand to accommodate development associated with population growth and the needs of industry. Current and projected future demands will be estimated for various sectors of the City. The City’s existing system will be compared to TCEQ rules regarding elevated and ground storage capacity, and pumping system redundancy. The City’s water distribution system model will be updated to reflect current infrastructure. The model will be used determine the adequacy of the current system to meet TCEQ standards and fire flow requirements for current demands. System improvements necessary to meet these requirements will be established and prioritized, then developed into a list of capital projects with estimated costs. The updated system model will then be used to determine improvements necessary to meet TCEQ standards and fire flow requirements for future growth scenarios for a 30-year planning horizon. The improvements will be prioritized and compiled into a list of capital projects projected to be needed. The model will be updated annually to include changes within the distribution system involving added infrastructure from subdivisions, commercial developments and capital improvement projects.

Project Justification

The project allows Water staff to perform due diligence and planning necessary to identify and plan for capital improvements to the City’s water distribution system. The improvements will be necessary to accommodate current and future patterns of water use within the City due to population growth. This will enable staff to ensure that the City’s distribution system is designed and constructed in compliance with current TCEQ regulations and City goals regarding system pressure, storage capacity, and fire flow.

Project History

The most recent Water System Master Plan was completed in 2003. Updating the plan periodically is essential because of the growth in the City and changes to the water infrastructure. The Master Plan serves as a guide for the development of the City’s water system and helps prioritize critical projects and allocate necessary funds. The Master Plan also assists in determining the necessary improvements to meet regulatory standards and fire flow requirements.

\$500,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$400,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	900,000	50,000	50,000	50,000	0	0	0	1,050,000
Total Project Appropriation	900,000	50,000	50,000	50,000	0	0	0	1,050,000

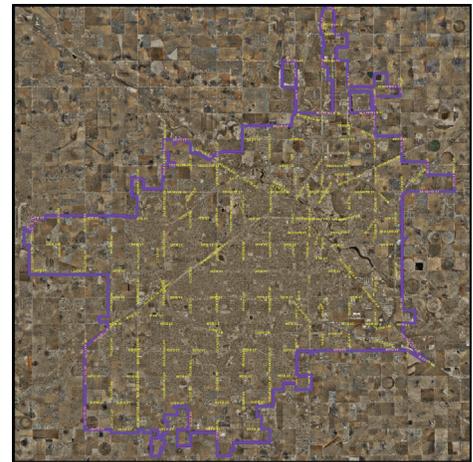
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2014 Water Pay-As-You-Go	500,000	0	0	0	0	0	0	500,000
FY 2015 Water Pay-As-You-Go	400,000	0	0	0	0	0	0	400,000
FY 2017 Water Pay-As-You-Go	0	50,000	0	0	0	0	0	50,000
FY 2018 Water Pay-As-You-Go	0	0	50,000	0	0	0	0	50,000
FY 2019 Water Pay-As-You-Go	0	0	0	50,000	0	0	0	50,000
Total Funding Sources	900,000	50,000	50,000	50,000	0	0	0	1,050,000

Managing Department **Water Utility Admin.**

Project Manager **Aubrey Spear**

Project Classification **Master Plans/Studies**

Project Status **Approved**



Project Scope

Under this project, the City will further evaluate the brackish groundwater supply strategy contained in the 2013 Strategic Water Supply Plan. Part of this project will include a hydrogeologic assessment of the Dockum aquifer focusing on counties where Lubbock’s water infrastructure exists. This assessment will include collection of available published data, analysis of aquifer properties including water quality, and the refinement of an aquifer model that can be used to further evaluate the feasibility of developing a brackish well field. Another part of the project will be to evaluate alternative locations for a brackish well field and provide a conceptual design of the most optimal location. The effort includes assessing various treatment technologies for costs, energy requirements, residuals generated, and associated disposal methods, regulatory requirements, and related issues.

Project Justification

The use of brackish groundwater to supplement the City’s water supply in the future is one strategy of the 2013 Strategic Water Supply Plan. This project allows Water staff to perform due diligence and planning necessary to further evaluate the use of groundwater from the Dockum aquifer to supplement the City’s water supply. Very little information has been compiled on the Dockum aquifer which makes it difficult to fully evaluate the viability of a brackish well field supply strategy.

Project History

Due to the declining water levels in the High Plains Ogallala aquifer over the past several decades, there is a need to assess deeper groundwater formations such as the Dockum aquifer which underlies the South Plains region. Although the Dockum aquifer’s water quality is inferior to the Ogallala aquifer, it could provide the City with supplemental water in the future.

\$200,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

\$190,000 was appropriated in the FY 2015-16 Budget Amendment No.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	390,000	0	0	0	0	0	0	390,000
Total Project Appropriation	390,000	0	0	0	0	0	0	390,000

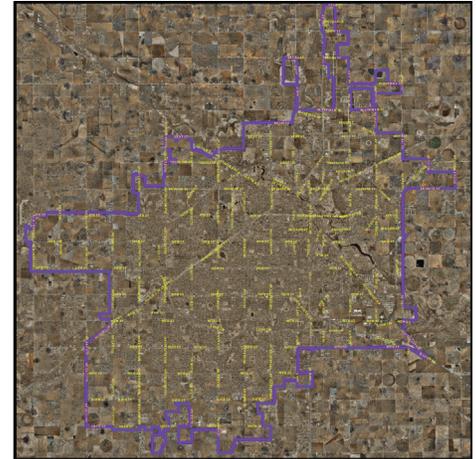
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Water Pay-As-You-Go	200,000	0	0	0	0	0	0	200,000
FY 2016 Water Pay-As-You-Go	100,000	0	0	0	0	0	0	100,000
Grant Funding	90,000	0	0	0	0	0	0	90,000
Total Funding Sources	390,000	0	0	0	0	0	0	390,000

Managing Department **Water Production**

Project Manager **Aubrey Spear**

Project Classification **Master Plans/Studies**

Project Status **Approved**



Project Scope

Under this project, the City will collect, analyze, and evaluate data associated with the Water and Wastewater Funds. This data will include past, present, and projected revenue requirements. In addition, cost of services including debt service coverage data will be evaluated. Appropriate financial models will be developed to evaluate various rate structure scenarios to confirm the adequacy of the current rate structure. Based on the information analyzed and evaluated, recommendations regarding the effectiveness of the current water and wastewater rate structures will be developed.

Project Justification

The periodic evaluation of the City of Lubbock’s current water and wastewater rate structure is an essential step in optimizing three objectives associated with water rates. These three objectives include revenue stability, affordability, and water conservation. Achieving the appropriate level of revenue stability is important for the sustainability of the Water and Wastewater Funds as well as in maintaining good bond rating status. Providing some level of affordability or financial relief to low income customers is also desirable. In addition, developing the appropriate level of incentives to conserve water through the water rate structure is a very important strategy associated with the City’s 2013 Strategic Water Supply Plan. Bond rating agencies strongly encourage utilities to evaluate their rate structure at least every 10 years. The last evaluation was performed in 2006. This project allows staff to update the actual water and wastewater cost of services as well as perform an evaluation to determine whether objectives are being met through the existing rate structure.

Project History

Over the past few decades, the value of water has increased. Until 1992, the City had a decreasing block rate structure for water services (customers paid less per 1,000 gallons the more they used). From 1992 until 2006, the City adopted a uniform or flat rate structure. In December 2006, Red Oak Consulting performed a Water and Wastewater Cost of Service and Rate Study at the City’s request. The City implemented some of the recommendations provided in the study by adopting a conservation or increasing block rate structure (customers pay more per 1,000 gallons the more water they use)for water customers. The current conservation block rate structure has been in place for over eight years.

\$150,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-00094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	150,000	0	0	0	0	0	0	150,000
Total Project Appropriation	150,000	0	0	0	0	0	0	150,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 Water Pay-As-You-Go	150,000	0	0	0	0	0	0	150,000
Total Funding Sources	150,000	0	0	0	0	0	0	150,000

Managing Department **Water Production**

Project Manager **Michael Lowe**

Project Classification **Master Plans/Studies**

Project Status **Approved**



Project Scope

In the Bailey County Well Field, drill sufficient wells to restore production capacity to more than 60 million gallons per day (mgd) and maintain existing infrastructure. The project ensures an adequate production capacity buffer to consistently produce the current 40 mgd pipeline supply capacity when a portion of the wells are inoperable due to mechanical interruptions, electrical malfunctions, lightning strikes, etc. The project is consistent with the objectives of the City's Strategic Water Plan.

Project Justification

During the past 20 years, extended drought periods have resulted in a declining water table causing production from existing wells in the Sandhills Well Field to decline from more than 60 mgd to approximately 50 mgd. There is a need for extensive maintenance on the electric system that provides power to the Bailey County Sandhills Well Field necessary to ensure electric power to the 150 production wells. The extensive age of the well field electric system has resulted in increased concern about reliability and safety. In recent years, extensive wind loading has resulted in power interruptions and brush fires.

Project History

- \$200,000 was appropriated in FY 2004-05, Ord. No. 2005-00031, March 24, 2005.
- \$1,480,000 was appropriated in FY 2005-06 Budget, Ord. No. 2005-00106, September 8, 2005.
- \$520,000 was appropriated in FY 2005-06 Budget Amendment No. 14, Ord. No. 2006-00040, April 13, 2006.
- \$698,820 was appropriated in the FY 2007-08 Budget, Ord. No. 2007-00091, September 13, 2007.
- \$404,860 was appropriated in FY 2008-09 Budget, Ord. No. 2008-00077, September 11, 2008.
- \$346,580 was appropriated in the FY 2009-10 Budget, Ord. No. 2009-00073, August 27, 2009.
- \$10 million was appropriated in the FY 2011-12 Budget Amendment No. 11, Ord. No. 2012-00016, March 6, 2012.
- \$5.0 million was appropriated in the FY 2012-13 Budget, Ord. No. 2012-00100, September 13, 2012.
- Reduced by \$13,664,677, FY 2013-14 Budget Amendment No. 17, Ord. No. 2014-00034, March 27, 2014.
- \$14.0 million was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.
- Reduced funding by \$14.0 million in FY 2014-15 Budget Amendment No. 11, Ord. No. 2015-00015, 2/26/15.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	4,985,583	14,000,000	0	5,000,000	0	0	0	23,985,583
Total Project Appropriation	4,985,583	14,000,000	0	5,000,000	0	0	0	23,985,583

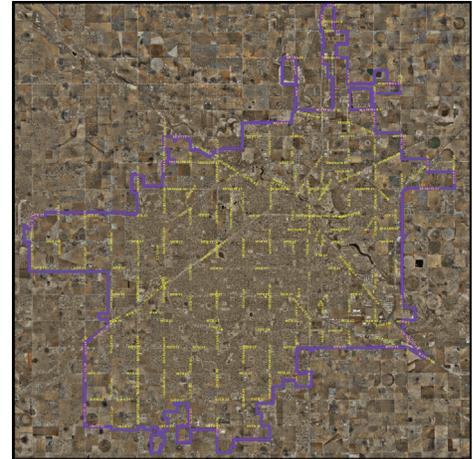
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
2003 Tax and Waterworks Revenue CO's	200,000	0	0	0	0	0	0	200,000
FY 2006 Water Revenue CO's	2,000,000	0	0	0	0	0	0	2,000,000
FY 2008 Water Revenue CO's	1,252,043	0	0	0	0	0	0	1,252,043
FY 2009 Water Revenue CO's	506,015	0	0	0	0	0	0	506,015
FY 2012 Water Revenue CO's	923,845	0	0	0	0	0	0	923,845
FY 2017 Water Revenue CO's	0	14,000,000	0	0	0	0	0	14,000,000
FY 2019 Water Revenue CO's	0	0	0	5,000,000	0	0	0	5,000,000
Water Utility Pay-As-You-Go	103,680	0	0	0	0	0	0	103,680
Total Funding Sources	4,985,583	14,000,000	0	5,000,000	0	0	0	23,985,583

Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope
 Replace approximately 44 miles of substandard 2-inch water lines.

Project Justification
 The majority of old and small diameter water lines have a high incidence of leaks, which causes most of the low pressure and/or volume type complaints from citizens.

Project History
 \$389,040 was appropriated in FY 2004-05, Ord. No. 2005-00031, March 24, 2005.
 \$4.2 million was appropriated in FY 2005-06 Budget, Ord. No. 2005-00106, September 8, 2005.
 Reduced funding by \$70,000 in FY 2009-10 Budget Amendment No. 9, Ord. No. 2010-O0007, February 9, 2010. (Moved funding to 92224)
 \$500,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	4,019,040	500,000	250,000	250,000	0	0	0	5,019,040
Total Project Appropriation	4,019,040	500,000	250,000	250,000	0	0	0	5,019,040

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
2003 Tax and Waterworks Revenue CO's	332,522	0	0	0	0	0	0	332,522
FY 2010 Water Revenue CO's	3,186,518	0	0	0	0	0	0	3,186,518
FY 2016 Water Pay-As-You-Go	500,000	0	0	0	0	0	0	500,000
FY 2017 Water Pay-As-You-Go	0	500,000	0	0	0	0	0	500,000
FY 2018 Water Pay-As-You-Go	0	0	250,000	0	0	0	0	250,000
FY 2019 Water Pay-As-You-Go	0	0	0	250,000	0	0	0	250,000
Total Funding Sources	4,019,040	500,000	250,000	250,000	0	0	0	5,019,040

Managing Department **Water Treatment**

Project Manager **Michael Lowe**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Purchase and install new equipment; modify existing equipment, facility and treatment system; and other major maintenance activities.

Project Justification

Replacing and updating aging infrastructure decreases emergency maintenance expenditures and system failures.

Project History

\$390,000 was appropriated in FY 2004-05, Ord. No. 2005-00031, March 24, 2005.

Reduced funding by \$60,000 in FY 2005-06, Ord. No. 2006-00077, July 10, 2006.

\$1.7 million was appropriated in FY 2008-09 Budget, Ord. No. 2008-O0077, September 11, 2008.

\$5,372,000 was appropriated in the FY 2009-10 Budget, Ord. No. 2009-O0073, August 27, 2009.

Reduced funding by \$5,872,000 in FY 2009-10 Budget Amendment No. 6, Ord. No. 2009-O0108, December 2, 2009.

\$5,872,000 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.

\$2.0 million was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.

\$6.0 million was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	15,402,000	2,000,000	12,000,000	6,500,000	0	0	0	35,902,000
Total Project Appropriation	15,402,000	2,000,000	12,000,000	6,500,000	0	0	0	35,902,000

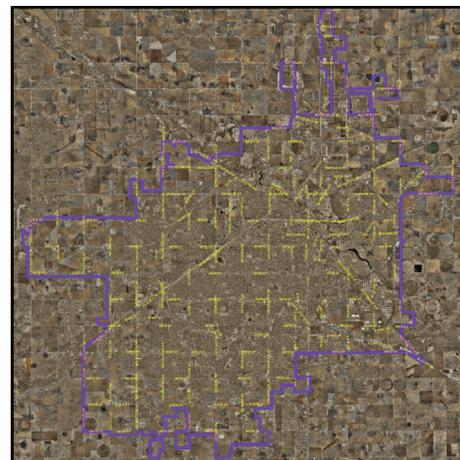
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2008 10-year Water Revenue CO's	330,000	0	0	0	0	0	0	330,000
FY 2009 10-year Water Revenue CO's	1,200,000	0	0	0	0	0	0	1,200,000
FY 2010 10-year Water Revenue CO's	0	0	0	0	0	0	0	0
FY 2011 10-year Water Revenue CO's	5,872,000	0	0	0	0	0	0	5,872,000
FY 2012 10-year Water Revenue CO's	2,000,000	0	0	0	0	0	0	2,000,000
FY 2016 10-Year Water Revenue CO's	6,000,000	0	0	0	0	0	0	6,000,000
FY 2017 10-Year Water Revenue CO's	0	2,000,000	0	0	0	0	0	2,000,000
FY 2018 10-year Water Revenue CO's	0	0	12,000,000	0	0	0	0	12,000,000
FY 2019 10-year Water Revenue CO's	0	0	0	6,500,000	0	0	0	6,500,000
Total Funding Sources	15,402,000	2,000,000	12,000,000	6,500,000	0	0	0	35,902,000

Managing Department **Pumping and Control**

Project Manager **Michael Lowe**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Purchase and install equipment; modify and/or rehabilitate existing equipment, facility, and pumping system; and other major maintenance activities.

Project Justification

Replacing and updating aged infrastructure decreases emergency maintenance expenditures and reduces system failures.

Project History

The project is an annual program that ensures continuous and reliable water service.

\$100,000 was appropriated in FY 2004-05, Ord. No. 2005-00031, March 24, 2005.

\$222,390 was appropriated in FY 2008-09 Budget, Ord. No. 2008-O0077, September 11, 2008.

\$884,485 was appropriated in the FY 2009-10 Budget, Ord. No. 2009-O0073, August 27, 2009.

\$1.5 million was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.

Reduced funding by \$1.0 million in FY 2010-11 Budget Amendment No. 7, Ord. No. 2011-O0035, April 14, 2011.

\$200,000 was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.

\$500,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

4400,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	2,806,875	0	0	0	0	0	0	2,806,875
Total Project Appropriation	2,806,875	0	0	0	0	0	0	2,806,875

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2009 10-year Water Revenue CO's	822,390	0	0	0	0	0	0	822,390
FY 2010 10-year Water Revenue CO's	384,485	0	0	0	0	0	0	384,485
FY 2011 10-year Water Revenue CO's	500,000	0	0	0	0	0	0	500,000
FY 2012 10-year Water Revenue CO's	200,000	0	0	0	0	0	0	200,000
FY 2015 10-year Water Revenue CO's	500,000	0	0	0	0	0	0	500,000
FY 2016 Water Pay-As-You-Go	400,000	0	0	0	0	0	0	400,000
Total Funding Sources	2,806,875	0	0	0	0	0	0	2,806,875

Managing Department **Water Utility Admin**

Project Manager **Lionel Plummer**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Replace existing manual systems with centralized automation and operation of automatic irrigation systems throughout the park system. Centralized control of systems operation improves efficiency by allowing rapid adjustment to plant water requirements resulting from daily water conditions. The ability to monitor system performance and automatically halt the operation of a damaged system saves water.

The appropriation for FY 2008-09 was used for the irrigation system at Mae Simmons Park which is complete. The appropriation for FY 2009-10 was used for the irrigation system at Clapp Park. The remainder of the appropriation will be used for the irrigation automation systems of citywide medians and the irrigation system at Stevens Park.

Project Justification

This project will result in water savings through the efficient application and monitoring of irrigation.

Project History

\$1,422,960 was appropriated in FY 2008-09 Budget, Ord. No. 2008-O0077, September 11, 2008.

\$1,317,211 was appropriated in the FY 2009-10 Budget, Ord. No. 2009-O0073, August 27, 2009.

Reduced funding by \$467,211 in FY 2009-10 Budget Amendment No. 6, Ord. No. 2009-O0108, December 2, 2009.

\$585,000 was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	2,583,943	0	0	0	0	0	0	2,583,943
Design and Engineering	274,017	0	0	0	0	0	0	274,017
Total Project Appropriation	2,857,960	0	0	0	0	0	0	2,857,960

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2008 Water Revenue CO's	850,000	0	0	0	0	0	0	850,000
FY 2009 10-year Water Revenue CO's	1,422,960	0	0	0	0	0	0	1,422,960
FY 2011 Water Revenue CO's	585,000	0	0	0	0	0	0	585,000
Total Funding Sources	2,857,960	0	0	0	0	0	0	2,857,960

Managing Department **Water Distribution**

Project Manager **Mike Gilliland**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope

Locate missing or broken valves and replace the valves or valve boxes as necessary to maintain accessibility to the water valves for operation of the water distribution system.

Project Justification

In the past, water valves have become broken or covered by paving or development. This project is necessary to maintain proper operation of the water distribution system by maintaining the accessibility to the water valves.

Project History

\$1.2 million was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.

\$700,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$350,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	2,250,000	0	200,000	0	200,000	0	200,000	2,850,000
Total Project Appropriation	2,250,000	0	200,000	0	200,000	0	200,000	2,850,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2011 10-year Water Revenue CO's	1,200,000	0	0	0	0	0	0	1,200,000
FY 2014 10-year Water Revenue CO's	700,000	0	0	0	0	0	0	700,000
FY 2015 Water Pay-As-You-Go	350,000	0	0	0	0	0	0	350,000
FY 2018 Water Pay-As-You-Go	0	0	200,000	0	0	0	0	200,000
FY 2020 Water Pay-As-You-Go	0	0	0	0	200,000	0	0	200,000
FY 2022 Water Pay-As-You-Go	0	0	0	0	0	0	200,000	200,000
Total Funding Sources	2,250,000	0	200,000	0	200,000	0	200,000	2,850,000

Managing Department **Pumping & Control**

Project Manager **John Turpin**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope

The following work will be performed with this project as supported by a recent engineering evaluation of the Low Head B pump station, pump station No. 9, pump station No. 7 and the Bailey County Well Field (BCWF) supply line.

1. Add a new branch to the BCWF supply line to relocate the main system connection directly to pump station No. 7 and by-pass the aged Low Head B pump station.
2. Demolish the Low Head B pump station.
3. Rehabilitate or Relocate and replace pump station No. 7
4. Rehabilitate pump station No. 9

Project Justification

Replacing aging infrastructure insures reliable continuous water service to Lubbock citizens and reduces annual maintenance costs, system failures, and utility expenses.

Project History

\$1.0 million was appropriated in FY 2010-11 Budget Amendment No. 7, Ord. No. 2011-O0035, April 14, 2011.

\$9.5 million was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.

\$16.0 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$13.0 million was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

\$2.5 million was appropriated in FY 2015-16 Budget Amendment No. 8, Ord. No. 2015-O0120, December 3, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	42,000,000	600,000	1,500,000	0	0	0	0	44,100,000
Total Project Appropriation	42,000,000	600,000	1,500,000	0	0	0	0	44,100,000

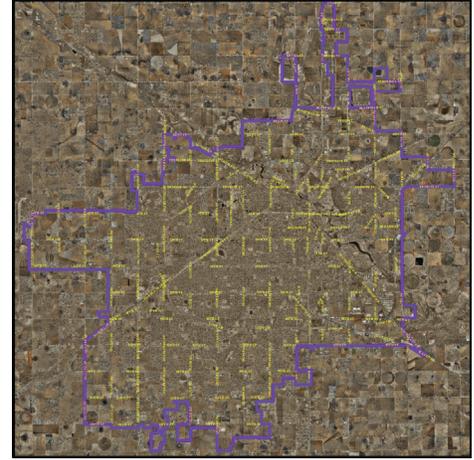
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2008 Water Revenue CO's	923,845	0	0	0	0	0	0	923,845
FY 2009 Water Revenue CO's	668,985	0	0	0	0	0	0	668,985
FY 2010 Water Revenue CO's	17,787,293	0	0	0	0	0	0	17,787,293
FY 2011 10-year Water Revenue CO's	1,000,000	0	0	0	0	0	0	1,000,000
FY 2011 Water Revenue CO's	1,075,807	0	0	0	0	0	0	1,075,807
FY 2012 Water Revenue CO's	11,076,155	0	0	0	0	0	0	11,076,155
FY 2016 Water Revenue CO's	9,467,915	0	0	0	0	0	0	9,467,915
FY 2017 Water Revenue CO's	0	600,000	0	0	0	0	0	600,000
FY 2018 Water Revenue CO's	0	0	1,500,000	0	0	0	0	1,500,000
Total Funding Sources	42,000,000	600,000	1,500,000	0	0	0	0	44,100,000

Managing Department **Pumping & Control**

Project Manager **Michael Lowe**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Convert, or add, disinfection systems at the water booster pumping stations to utilize liquid hypochlorite and liquid ammonium sulfate solutions in place of hazardous gas.

Project Justification

Add safer liquid based disinfection systems to all booster stations. The conversion improves the safety of staff and citizens in nearby neighborhoods, and improves the ability to boost the disinfection residual levels.

Project History

\$1.0 million was appropriated in the FY 2012-13 Budget, Ord. No. 2012-00100, September 13, 2012.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	1,000,000	0	0	0	0	0	0	1,000,000
Total Project Appropriation	1,000,000	0	0	0	0	0	0	1,000,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2010 Water Revenue CO's	1,000,000	0	0	0	0	0	0	1,000,000
Total Funding Sources	1,000,000	0	0	0	0	0	0	1,000,000

Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Construction of additional membrane treatment process equipment at the South Lubbock Water Treatment Plant associated with the Lake Alan Henry Water Supply Project. This will increase the treatment capacity of the plant beyond the current 15 million gallons per day to 30 million gallons per day.

Project Justification

It is anticipated that the City's growth and demand for water will require an increase in the Lake Alan Henry water supply capacity.

Project History

The South Water Treatment Plant was completed in 2012 and included the ability to be expanded to 30 million gallons per day.

\$1,000,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	2,000,000	0	6,500,000	0	0	0	8,500,000
Design and Engineering	1,000,000	0	0	0	0	0	0	1,000,000
Total Project Appropriation	1,000,000	2,000,000	0	6,500,000	0	0	0	9,500,000

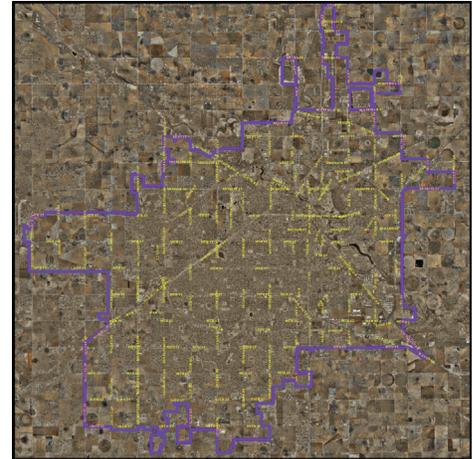
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2014 Water Revenue CO's	1,000,000	0	0	0	0	0	0	1,000,000
FY 2017 Water Revenue CO's	0	2,000,000	0	0	0	0	0	2,000,000
FY 2019 Water Revenue CO's	0	0	0	6,500,000	0	0	0	6,500,000
Total Funding Sources	1,000,000	2,000,000	0	6,500,000	0	0	0	9,500,000

Managing Department **Water Production**

Project Manager **Michael Lowe**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope
 Replace 200 data radio units in the Bailey County Wellfield (BCWF).

Project Justification
 The existing data radios in the BCWF are approaching 15 years age. They are obsolete and the replacement units are no longer available.

Project History
 \$250,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.
 \$400,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	650,000	0	0	0	0	0	0	650,000
Total Project Appropriation	650,000	0	0	0	0	0	0	650,000

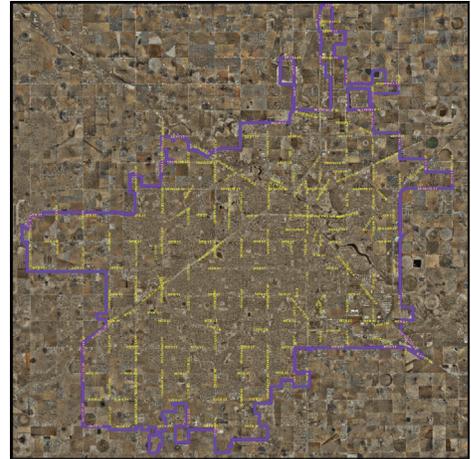
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Water Pay-As-You-Go	250,000	0	0	0	0	0	0	250,000
FY 2016 Water Pay-As-You-Go	400,000	0	0	0	0	0	0	400,000
Total Funding Sources	650,000	0	0	0	0	0	0	650,000

Managing Department **Water Utility Admin.**

Project Manager **Michael Lowe**

Project Classification **Replacement Equipment/Fleet**

Project Status **Approved**



Project Scope

Cash funded replacement or new purchase of the following vehicles:

6111 Water Administration

Mid-size SUV 4x4 (replace V12006222) - 27,997

6113 Water Conservation & Education

Mid-size SUV 4x4 (replace V12002122) - 27,997

6311 Water Meter & Customer Service

Mid-size SUV 4x4 (replace V12006224) - 27,997

Utility Trailer (replace V01995205) - 5,000

6321 Equipment Maintenance

Pump Trailer (replace V02000178) - 50,000

6331 Water Distribution & Maintenance

Trailer mount air compressor (replace 01991130) - 20,000

6343 Pumping and Control

3/4 Ton Truck w/ Service Body & Hoist 4x4 (replace V22008086) - 34,929

3/4 Ton 4X4 Truck w/ Service Body (replace V22009031) - 34,929

Pipe Trailer (replace V02006117) - 10,000

6347 Water Production

3/4 ton standard cab 4 X 4 with flat bed utility body (New) - 29,700

3/4 Ton Ext Cab Pickup 4x4 (replace V32009033) - 25,673

6349 Water Reservoir

Mid-size SUV (New) - 27,997

Project Justification

Replacement of old vehicles that have reached the end of their life and purchase of new vehicles.

Project History

\$322,219 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	322,219	0	0	0	0	0	0	322,219
Total Project Appropriation	322,219	0	0	0	0	0	0	322,219

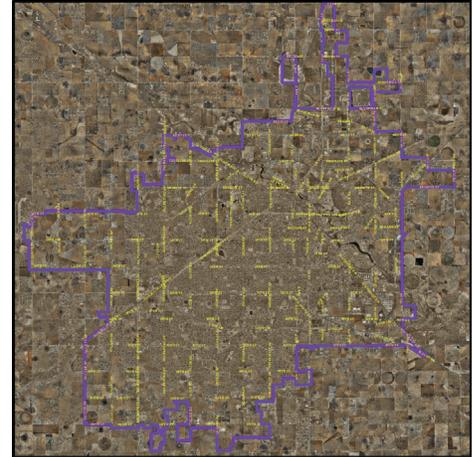
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2015 Water Pay-As-You-Go	322,219	0	0	0	0	0	0	322,219
Total Funding Sources	322,219	0	0	0	0	0	0	322,219

Managing Department **Water Utility Administra**

Project Manager **Michael Lowe**

Project Classification **New Equipment/Fleet**

Project Status **Approved**



Project Scope

This project is for the annual vehicle replacement for Water Fund.

6211 Water Engineering

1/2 Ton Ext Cab Pickup 4x4 (replace V12008132) – 25,725

6311 Water Meter and Customer Service

3/4 Ton Pickup 4x4 (replace V22008117) – 34,000

3/4 Ton Pickup 4x4 (replace V22008119) – 34,000

3/4 Ton Pickup 4x4 (replace V22008120) – 34,000

6331 Water Distribution & Maintenance

IHC 4400 Crew Truck (replace V72008137) – 106,000

3/4 Ton Ext. Cab Pickup (replace V12006241) – 25,725

Screener (replace 91999069) - \$175,000

Case 580SN Backhoe (replace 92006119) - \$100,000

Case 580SN Backhoe (replace 92008128) - \$100,000

Case 580SN Backhoe (replace 92009183) - \$100,000

6343 Pumping & Control

3/4 Ton 4x4 Truck (replace V22008116) – 36,225

Trailer (replace V01973014) – 10,500

6347 Water Production

Generator (replace V01999128) – 63,000

Backhoe Trailer (replace V02001032) – 15,000

1 Ton Ext. Cab Pickup 4x4 – (replace V32009032) – 35,000

6349 Water Reservoir

3/4 Ton Ext. Cab Pickup 4x4 – (replace V12011141) – 35,200

Project Justification

Replacement of vehicles and equipment that are at the end of their useful life.

Project History

\$929,375 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	929,375	0	0	0	0	0	0	929,375
Total Project Appropriation	929,375	0	0	0	0	0	0	929,375

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 Water Pay-As-You-Go	929,375	0	0	0	0	0	0	929,375
Total Funding Sources	929,375	0	0	0	0	0	0	929,375

Managing Department **Water Production**

Project Manager **Michael Lowe**

Project Classification **Master Plans/Studies**

Project Status **Requested**



Project Scope

Evaluate the integrity of the Bailey County pipeline and identify deficiencies.

Project Justification

The Bailey County Well Field is a critical component of the City's Water Supply Plan. Due to its age, changes to the well field affecting pipeline pressure can result in service disruption. An evaluation of the pipeline every four to five years ensures the well field continues to be a reliable water supply.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	0	750,000	0	0	0	0	0	750,000
Total Project Appropriation	0	750,000	0	0	0	0	0	750,000

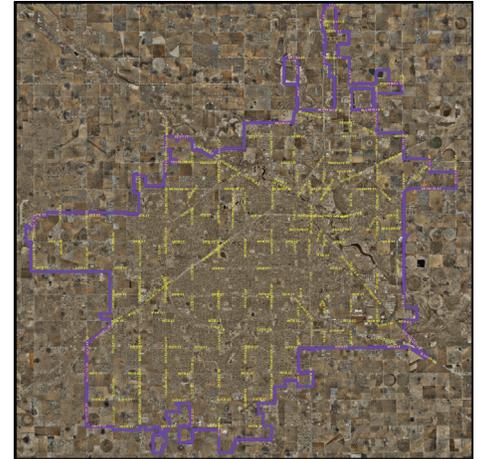
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Water Pay-As-You-Go	0	750,000	0	0	0	0	0	750,000
Total Funding Sources	0	750,000	0	0	0	0	0	750,000

Managing Department **Water Utility Admin**

Project Manager **Aubrey Spear**

Project Classification **Master Plans/Studies**

Project Status **Requested**



Project Scope

Secure the water rights and construction permits for proposed Lake 7. The project includes the permitting process required by the Texas Commission on Environmental Quality (TCEQ), the U.S. Corp of Engineers, and any other regulatory bodies that have jurisdiction over reservoirs and lakes. The permitting process includes wildlife mitigation planning and any required environmental assessment in the area of the proposed Lake 7.

Project Justification

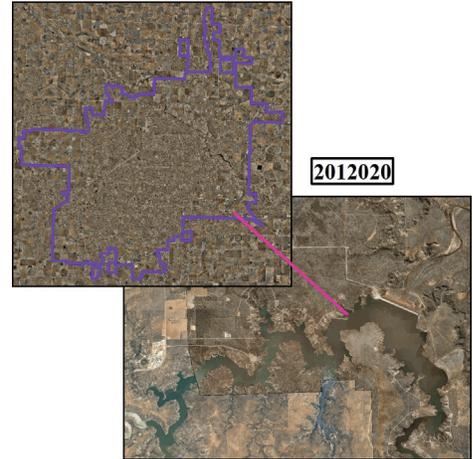
One of the City's potential future water supplies is Jim Bertram Lake 7 located upstream of Buffalo Springs Lake. The viability of Lake 7 is derived from the City discharging treated wastewater into the Canyon Lake System and capturing it in the lake. Securing water rights and construction permits for such a lake can take more than 10 years. Required permits include wildlife mitigation plans and environmental assessments.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	0	0	0	0	0	0	4,500,000	4,500,000
Total Project Appropriation	0	0	0	0	0	0	4,500,000	4,500,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2022 Water Revenue CO's	0	0	0	0	0	0	4,500,000	4,500,000
Total Funding Sources	0	0	0	0	0	0	4,500,000	4,500,000

Managing Department **Public Works Engineering**
 Project Manager **John Turpin**
 Project Classification **New Facility**
 Project Status **Requested**



Project Scope

Design and construction of a Raw Water Booster Pump Station located along the Lake Alan Henry Raw Water pipeline south of Southland, Texas adjacent to Farm to Market Road 2106.

Project Justification

The Lake Alan Henry Water supply project was completed in 2012 with the ability to supply 15 MGD of water to the City of Lubbock. The design of the Lake Alan Henry Raw Water system allows for expansion in the future to 30 MGD. In order to allow for this future expansion the Southland Booster Pump Station will need to be designed and constructed.

Project History

The Lake Alan Henry project was constructed with the ability to increase capacity. The pump station property was purchased for this expansion on September 27, 2010

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	0	0	0	14,000,000	14,000,000
Design and Engineering	0	0	0	0	0	1,000,000	0	1,000,000
Total Project Appropriation	0	0	0	0	0	1,000,000	14,000,000	15,000,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2021 Water Revenue CO's	0	0	0	0	0	1,000,000	0	1,000,000
FY 2022 Water Revenue CO's	0	0	0	0	0	0	14,000,000	14,000,000
Total Funding Sources	0	0	0	0	0	1,000,000	14,000,000	15,000,000

Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **New Facility**

Project Status **Requested**



Project Scope

Design and construct a treated water booster pump station located at pump station 14, and approximately 4 miles of treated water line to the future Bailey County Well Field line to pump station 7.

Project Justification

The Lake Alan Henry Water supply project was completed in 2012 with the ability to supply 15 MGD of water to the City of Lubbock. The design of the Lake Alan Henry Water system allows for expansion in the future to 30 MGD. In order to allow for this future expansion a treated water booster pump station at pump station 14, and a treated water line to pump station 7 will need to be built to have additional capacity within the distribution system for the Lake Alan Henry expansion. The project is in the Strategic Water Supply Plan adopted by City Council on February 28, 2013.

Project History

The Lake Alan Henry project was constructed in 2012 with the ability to increase capacity to 30 MGD. This project is in the Strategic Water Supply Plan adopted by City Council on February 28, 2013.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	20,000,000	0	0	0	20,000,000
Design and Engineering	0	750,000	750,000	0	0	0	0	1,500,000
Total Project Appropriation	0	750,000	750,000	20,000,000	0	0	0	21,500,000

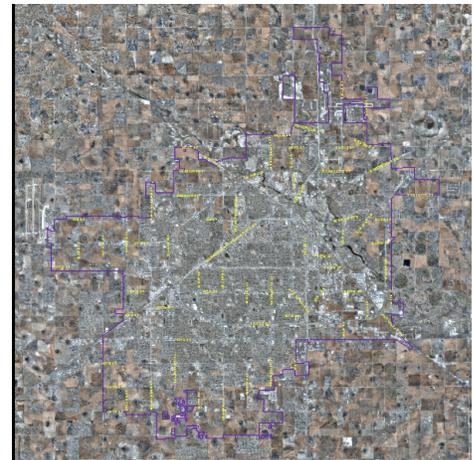
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Water Revenue CO's	0	750,000	0	0	0	0	0	750,000
FY 2018 Water Revenue CO's	0	0	750,000	0	0	0	0	750,000
FY 2019 Water Revenue CO's	0	0	0	20,000,000	0	0	0	20,000,000
Total Funding Sources	0	750,000	750,000	20,000,000	0	0	0	21,500,000

Managing Department **Water Utility Administra**

Project Manager **Malcolm Laing**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Under this project, the City will evaluate existing threats to Lake Alan Henry and its watershed. These threats will be prioritized. Best practices and locations for managing, controlling, and/or responding under emergency conditions to these threats will be evaluated. Based on the evaluation, plans will be prepared, facilities constructed and equipment purchased that will provide the City with the resources necessary to manage, control and/or respond to these threats as needed.

Project Justification

Lake Alan Henry is an important water supply for the City of Lubbock. The Lake’s contributing watershed area is approximately 394 square miles covering parts of Garza, Kent, Scurry, Borden and Lynn Counties. It is essential that the Lake and its watershed are protected from potential threats. This project allows staff to perform the planning, design, construction of facilities, and procurement of equipment necessary to protect the Lake from point source pollutants (such as spills associated with oil and gas production activities) non-point source pollutants, wildfires, invasive plant and animal species, and sedimentation.

Project History

The construction of Lake Alan Henry and the John T. Montford Dam were completed in 1993 as a strategic water supply for the City of Lubbock. In addition, the Lake provides recreation for the region. In July 2010, the Lake Alan Henry watershed experienced a major flood event. During the flood event, some oil production lines that cross the Double Mountain Fork of the Brazos River upstream of Lake Alan Henry ruptured. The oil spill threatened to contaminate the Lake and triggered a major emergency response that successfully safeguarded the Lake and mitigated the contamination. In 2012, the City began using the water from Lake Alan Henry as part of its drinking water supply. Based on numerous potential threats to the Lake and its watershed, it is essential that best management practices be implemented as part of a watershed management/protection plan. The installation of facilities and deployment of equipment to minimize the impact of threats to the Lake is vital to the protection of the Lake.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	400,000	0	0	0	0	0	400,000
Total Project Appropriation	0	400,000	0	0	0	0	0	400,000

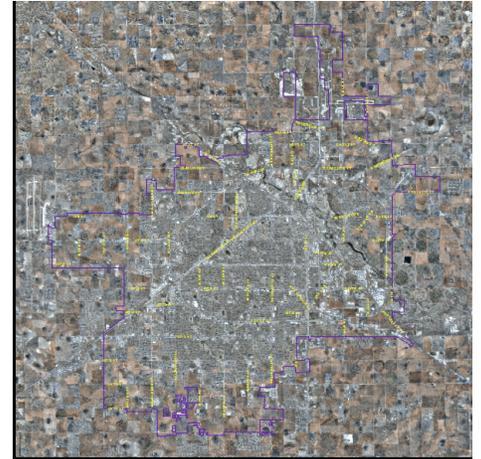
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Water Pay-As-You-Go	0	400,000	0	0	0	0	0	400,000
Total Funding Sources	0	400,000	0	0	0	0	0	400,000

Managing Department **Water Utility Administra**

Project Manager **Aubrey Spear**

Project Classification **Master Plans/Studies**

Project Status **Requested**



Project Scope

Under this project, City staff will update the City’s previous 100-year strategic water supply plan. Population and water demand projections will be updated. Existing and future conservation, reuse, groundwater, and surface water supply strategies will be updated, evaluated, and prioritized. The costs associated with the implementation of each water supply strategy will also be calculated. Several water supply strategies will be grouped into packages under various scenarios with timelines regarding when each water supply project should be available to meet the City’s water demand. The financial impact of the various supply packages will be presented as well. Additional data collection may be necessary to update the plan.

Project Justification

Continual planning is a vital part of securing a resilient and sustainable water supply for the City of Lubbock for many decades to come. Therefore, the City’s goal is to provide a “road map,” plan, and guidance document for the development and implementation of its water supplies over the next 100 years. Since the political, regulatory, and environmental conditions that impact existing and future water supply strategies are continually changing, the City’s strategic water supply plan needs to be updated every five years. This project allows City staff to update and refine the existing strategic water supply plan by incorporating new data, reports, studies, regulatory changes, and improvements to the water and wastewater system that have been completed since the last plan was finalized.

Project History

In 2007, the City completed a strategic water supply plan that consisted of a compilation of potential water supply projects and strategies. In 2013, the City finalized a comprehensive 100-year strategic water supply plan that evaluated and prioritized 16 water supply strategies divided into conservation, water reuse, groundwater, and surface water categories. Since the 2013 Plan was completed, political, regulatory, and environmental conditions that impact existing and future water supply strategies have changed. In addition, the City has initiated and/or completed projects obtaining more information associated with aquifer storage and recovery and brackish groundwater supplies as well as direct and indirect potable reuse strategies. Additional information and changes necessitate an update to the existing strategic water supply plan.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	0	200,000	0	0	0	0	0	200,000
Total Project Appropriation	0	200,000	0	0	0	0	0	200,000

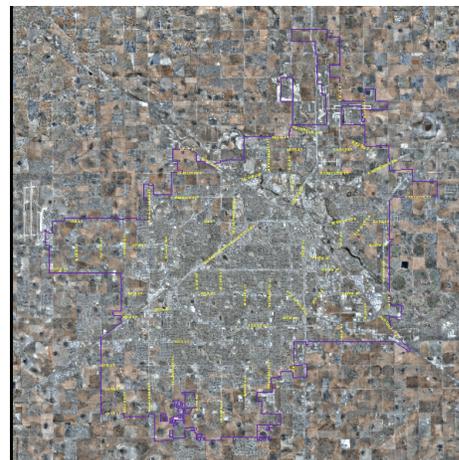
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Water Pay-As-You-Go	0	200,000	0	0	0	0	0	200,000
Total Funding Sources	0	200,000	0	0	0	0	0	200,000

Managing Department **Public Works Engineering**

Project Manager **Mike Keenum**

Project Classification **Master Plans/Studies**

Project Status **Requested**



Project Scope

This project is intended to provide an enterprise solution for the City in order to provide a work order and asset management system for multiple departments throughout the City. Phase 1 of this project is intended to include requests for qualifications for professional services for an Asset Management Implementation Plan. This plan will assist the City in at least the following:

- Gaining an understanding of asset management best practices, including benchmarking;
- Workshops with the staff from multiple departments to include but not limited to the Water Utility, Storm Water utility, Parks, Fleet, Facilities, Electric Utility, Public Works, Finance and IT departments to discuss asset management issues along with the City’s goals and desired integration with other systems
- Gap analysis on existing asset data (GIS, work order system, etc.);
- Review of existing business practices, work flows, and procedures including recommendations of areas for business process improvement;
- Prepare Asset Management Implementation Plan identifying data and business process gaps and a phased plan consisting of measures to address the gaps, implementation schedule and costs

Phase 2 is intended to include at least the following:

- Evaluation of existing software systems;
- Development of Asset Management software requirements definition, including necessary integration with existing systems.
- Development of software search and selection criteria.
- Selection of software vendor to best meet the needs of the most departments. This project includes professional services, software, licensing, and the first year of annual maintenance for the software.

Project Justification

The City of Lubbock has spent many years to identify locations and conditions of much of its infrastructure. Currently these assets remain static and do not have a standard procedure for identifying present and future maintenance needs and historical repairs performed. These assets range from water and sewer pipelines, valves, and manholes to park benches, playground equipment, air filters in city-owned facilities, and oil changes on city vehicles. A comprehensive asset management system will help the City to take a proactive approach at assessing its needs and maintenance schedules for ongoing maintenance and replacement projects. It will also provide a better mechanism to track, maintain, and schedule work for all levels of staff in order to maximize efficiency and reduce unfilled requests.

The Public Works Engineering group as well as many other city departments do not have an adequate way to track and plan the maintenance needs of all of the city infrastructure assets. As the City continues to grow, expand, and age, it is essential that it has mechanisms in place to identify the ongoing condition of its infrastructure as well as effectively plan and track routine maintenance needs in order to preserve and extend the life of its assets as long as possible.

Project History

The City of Lubbock has expended significant effort and finances to identify many of its assets in a GIS environment. This project cost is anticipated to be shared by many departmental funds.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	0	200,000	200,000	0	0	0	0	400,000
Total Project Appropriation	0	200,000	200,000	0	0	0	0	400,000

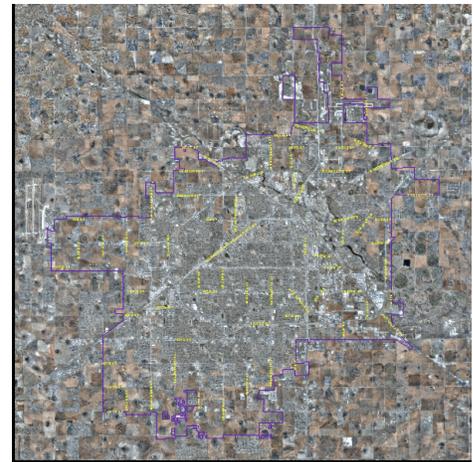
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Water Pay-As-You-Go	0	200,000	0	0	0	0	0	200,000
FY 2018 Water Pay-As-You-Go	0	0	200,000	0	0	0	0	200,000
Total Funding Sources	0	200,000	200,000	0	0	0	0	400,000

Managing Department **Water Production**

Project Manager **Aubrey Spear**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Under this project, City staff will monitor, collect data, evaluate data, plan, design, and implement measures to maintain and repair the LAH and BCWF transmission line systems and their associated easements. Measures include detecting and removing debris and other hazards that could damage the transmission line systems within the easements; maintaining appropriate soil cover over the pipelines; checking for and repairing leaks in the pipeline and ancillary facilities such as air relief valves and shut off valves; and repairing damages to properties within the easements caused by transmission system leaks.

Project Justification

Lake Alan Henry (LAH) and the Bailey County Well Field (BCWF) are both vital water supplies for the City of Lubbock. Water must be transported over 50 miles from LAH and over 75 miles from BCWF through large diameter pipelines. The transmission line systems include air relief valves, shutoff valves, cathodic protection, and ancillary facilities necessary to maintain the system. The transmission line systems are installed within easements that the City controls and maintains. This project provides for the maintenance of these easements and pipelines in order to keep the transmission line systems operating properly so interruptions the City's water supplies can be minimized.

Project History

The BCWF transmission line system was constructed in the late 1950s. This transmission line consists of 42-inch to 48-inch diameter pipe with the water conveyed via gravity flow or pressure depending upon the volume being transported. Most of the easement associated with this system parallels Highway 84 between Lubbock and Muleshoe. The LAH transmission line system was completed in 2012. This transmission line consists of 42-inch and 48 inch diameter pipe that has a high pressure rating so the water can be pumped up the Caprock from LAH to Lubbock's South Water Treatment Plant. The easement associated with this system cuts across numerous properties used for growing crops, cattle grazing, oil/gas operations, and wind farms. Both transmission line system easements need to be maintained to protect the pipelines and associated facilities. Erosion from rainfall events and leaks need to be corrected or it can expose the pipeline to the elements and potential hazards.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	0	200,000	0	0	0	0	0	200,000
Total Project Appropriation	0	200,000	0	0	0	0	0	200,000

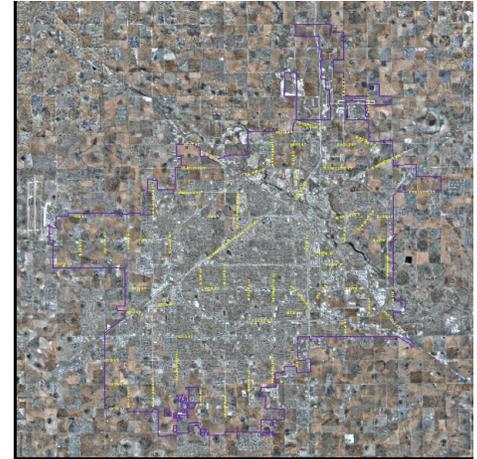
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Water Pay-As-You-Go	0	200,000	0	0	0	0	0	200,000
Total Funding Sources	0	200,000	0	0	0	0	0	200,000

Managing Department **Water Production**

Project Manager **John Turpin**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

The City needs to purchase land and build 5- 2 Million gallon tanks within the next 20 years to meet TCEQ requirements for the projected population. This will provide for engineering services and construction associated with elevated storage for the City of Lubbock.

Project Justification

The Texas Commission of Environmental Quality requires 100 gallons of elevated storage per connection resulting in 4 Million gallons on the east pressure plane and 6 million gallons on the west pressure plane for a total of 10 million gallons across the City. These storage tanks will also provide an opportunity to optimize pump efficiencies within the City of Lubbock saving on power costs and provide for pressure during power outages.

Project History

The City currently has 3 elevated storage tanks with a total capacity of 4 Million Gallons with 3 Million Gallons in the west pressure zone and 1 Million in the east pressure zone. The water master plan has identified a need for 10 Million Gallons of storage by the year 2034. In order to meet this demand it is recommended that 5- 2 Million Gallon tanks be installed over the next 20 years. 3 Tanks in the west pressure zone and two tanks in the east pressure zone while phasing out the existing elevated storage tanks in the east pressure plane.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Land Acquisition	0	200,000	0	0	0	0	0	200,000
Construction	0	0	0	2,000,000	0	0	0	2,000,000
Design and Engineering	0	0	500,000	0	0	0	0	500,000
Total Project Appropriation	0	200,000	500,000	2,000,000	0	0	0	2,700,000

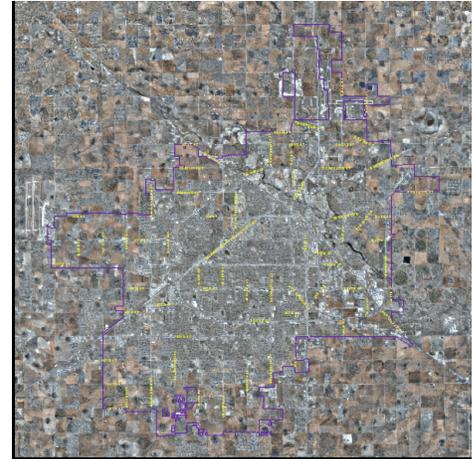
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Water Revenue CO's	0	200,000	0	0	0	0	0	200,000
FY 2018 Water Revenue CO's	0	0	500,000	0	0	0	0	500,000
FY 2019 Water Revenue CO's	0	0	0	2,000,000	0	0	0	2,000,000
Total Funding Sources	0	200,000	500,000	2,000,000	0	0	0	2,700,000

Managing Department **Pumping & Control**

Project Manager **Michael Lowe**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

Purchase and install equipment; modify and/or rehabilitate existing equipment, facility, and pumping system; and other major maintenance activities.

Project Justification

Replacing and updating aged infrastructure decreases emergency maintenance expenditures and reduces system failures.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	500,000	500,000	500,000	500,000	500,000	2,500,000
Total Project Appropriation	0	0	500,000	500,000	500,000	500,000	500,000	2,500,000

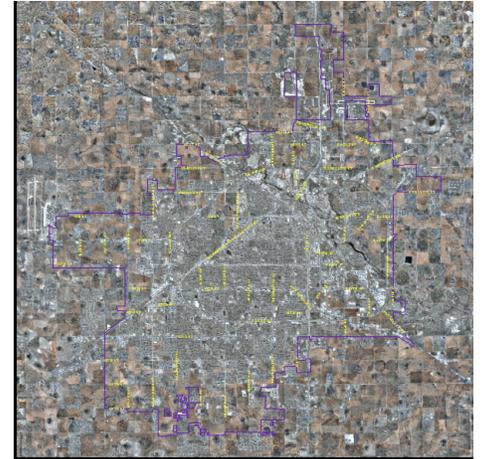
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2018 Water Pay-As-You-Go	0	0	500,000	0	0	0	0	500,000
FY 2019 Water Pay-As-You-Go	0	0	0	500,000	0	0	0	500,000
FY 2020 Water Pay-As-You-Go	0	0	0	0	500,000	0	0	500,000
FY 2021 Water Pay-As-You-Go	0	0	0	0	0	500,000	0	500,000
FY 2022 Water Pay-As-You-Go	0	0	0	0	0	0	500,000	500,000
Total Funding Sources	0	0	500,000	500,000	500,000	500,000	500,000	2,500,000

Managing Department **Dist & Maint-water**

Project Manager **John Turpin**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope
 Replace substandard water lines.

Project Justification
 Replacing aging infrastructure reduces emergency maintenance expenditures, system failures, and customer inconvenience. The lines are typically in the older areas of Lubbock and have a higher incidence of leaks and lower water pressure.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Total Project Appropriation	0	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000

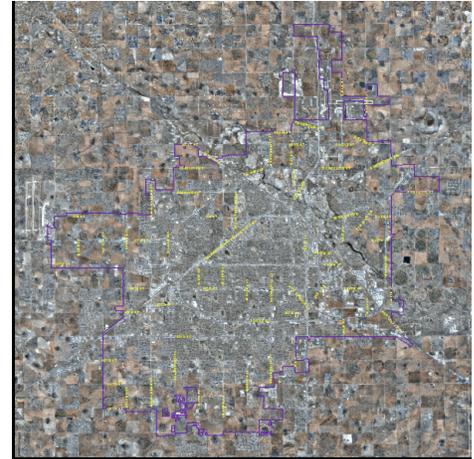
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Water Pay-As-You-Go	0	250,000	0	0	0	0	0	250,000
FY 2018 Water Pay-As-You-Go	0	0	250,000	0	0	0	0	250,000
FY 2019 Water Pay-As-You-Go	0	0	0	250,000	0	0	0	250,000
FY 2020 Water Pay-As-You-Go	0	0	0	0	250,000	0	0	250,000
FY 2021 Water Pay-As-You-Go	0	0	0	0	0	250,000	0	250,000
FY 2022 Water Pay-As-You-Go	0	0	0	0	0	0	250,000	250,000
Total Funding Sources	0	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000

Managing Department **Public Works Engineering**

Project Manager **John Turpin**

Project Classification **Replacement Equipment/Fleet**

Project Status **Requested**



Project Scope

Relocate and install water lines ahead of municipal, county, and state paving projects and future development including but not limited to the Gateway Paving Projects.

Project Justification

The project is an annual water line installation program coordinated with street paving projects.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Total Project Appropriation	0	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000

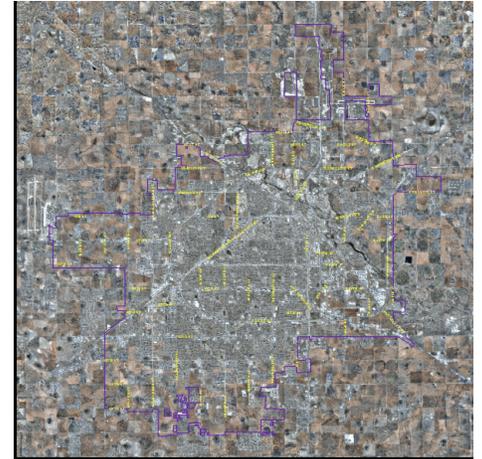
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Water Revenue CO's	0	250,000	0	0	0	0	0	250,000
FY 2018 Water Revenue CO's	0	0	250,000	0	0	0	0	250,000
FY 2019 Water Revenue CO's	0	0	0	250,000	0	0	0	250,000
FY 2020 Water Revenue CO's	0	0	0	0	250,000	0	0	250,000
FY 2021 Water Revenue CO's	0	0	0	0	0	250,000	0	250,000
FY 2022 Water Revenue CO's	0	0	0	0	0	0	250,000	250,000
Total Funding Sources	0	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000

Managing Department **Water Meter & Cust Servi**

Project Manager **Mike Gilliland**

Project Classification **Upgrade/Major Maintenance**

Project Status **Requested**



Project Scope

Purchase and installation of new water meters, water meter boxes with lids, and meter valves for existing and new customers.

Project Justification

Replacing meters regularly improves water service to customers and allows the City to accurately record water consumption for billing. Growth in the city has also increased the demand for new meters. Replacement of the meter boxes and valves is necessary because they are the primary protection for the water meters and connections and provide a substantial savings in the cost of replacing damaged meters.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	0	450,000	470,000	490,000	510,000	530,000	550,000	3,000,000
Total Project Appropriation	0	450,000	470,000	490,000	510,000	530,000	550,000	3,000,000

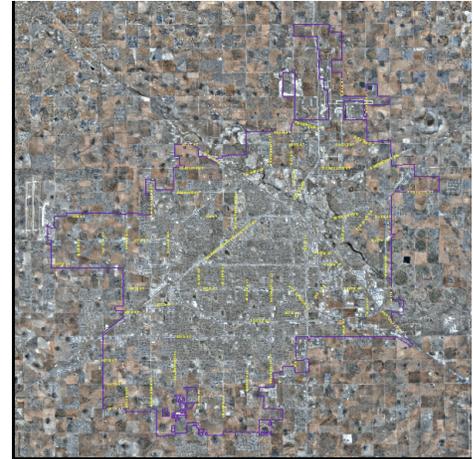
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Water Pay-As-You-Go	0	450,000	0	0	0	0	0	450,000
FY 2018 Water Pay-As-You-Go	0	0	470,000	0	0	0	0	470,000
FY 2019 Water Pay-As-You-Go	0	0	0	490,000	0	0	0	490,000
FY 2020 Water Pay-As-You-Go	0	0	0	0	510,000	0	0	510,000
FY 2021 Water Pay-As-You-Go	0	0	0	0	0	530,000	0	530,000
FY 2022 Water Pay-As-You-Go	0	0	0	0	0	0	550,000	550,000
Total Funding Sources	0	450,000	470,000	490,000	510,000	530,000	550,000	3,000,000

Managing Department **Water Utility Administra**

Project Manager **Michael Lowe**

Project Classification **New Equipment/Fleet**

Project Status **Requested**



Project Scope

This project is for the annual vehicle replacement for Water Fund.

6113 Water Conservation and Education
 Mid Size 4x4 SUV (replace V12006147) – 34,000
 Mid Size 4x4 SUV (New) – 34,000

6211 Water Engineering
 Robotic Total Station Survey Instrument (New) - 33,243

6311 Water Meter and Customer Service
 3/4 Ton Ext. Pickup 4x4 (replace V22008121) – 29,000
 3/4 Ton Ext. Pickup 4x4 (replace V22008120) – 29,000

6331 Water Distribution & Maintenance
 Pothole Machine (New)- 52,000
 IHC 4400 Crew Truck (replace V72007107) – 112,000
 IHC 4400 Crew Truck (replace V82007108) – 112,000
 3/4 Ton Ext. 4x4 Pickup (replace V22008094) – 29,000

6347 Water Production
 Tractor (replace V91998996) - 200,000

6349 Water Reservoir
 3/4 Ton Ext. Cab Pickup 4x4 – (replace V2011114) – 29,000

Project Justification

Replacement of vehicles and equipment that are at the end of their useful life.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activites	0	693,243	0	0	0	0	0	693,243
Total Project Appropriation	0	693,243	0	0	0	0	0	693,243

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 Water Pay-As-You-Go	0	693,243	0	0	0	0	0	693,243
Total Funding Sources	0	693,243	0	0	0	0	0	693,243



Central Business District TIF

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
92227 Underground Utilities	8,050,000	3,000,000	0	0	0	0	0	11,050,000
92286 Glenna Goodacre Boulevard Extension	500,000	0	0	0	0	0	0	500,000
92368 Future Public Improvements	200,000	0	0	0	0	0	0	200,000
92399 Gateways	1,500,000	800,000	0	0	0	0	0	2,300,000
2016197 Utility Infrastructure Upgrades/Relocations	0	700,000	1,000,000	0	0	0	0	1,700,000
Total Central Business District TIF	10,250,000	4,500,000	1,000,000	0	0	0	0	15,750,000

Central Business District TIF

Funding Summary

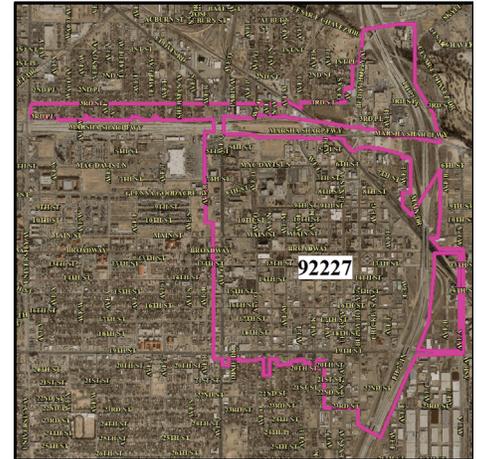
Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2010 CBD TIF Revenue CO's	27,852	0	0	0	0	0	0	27,852
FY 2011 CBD TIF Revenue CO's	1,500,000	0	0	0	0	0	0	1,500,000
FY 2013 CBD TIF Pay-As-You-Go	800,000	0	0	0	0	0	0	800,000
FY 2014 CBD TIF Revenue CO's	2,472,148	0	0	0	0	0	0	2,472,148
FY 2015 CBD TIF Revenue CO's	3,000,000	0	0	0	0	0	0	3,000,000
FY 2016 CBD TIF Pay-As-You-Go	200,000	0	0	0	0	0	0	200,000
FY 2016 CBD TIF Revenue CO's	2,250,000	0	0	0	0	0	0	2,250,000
FY 2017 CBD TIF Revenue CO's	0	4,500,000	0	0	0	0	0	4,500,000
FY 2018 CBD TIF Revenue CO's	0	0	1,000,000	0	0	0	0	1,000,000
Total Central Business District TIF	10,250,000	4,500,000	1,000,000	0	0	0	0	15,750,000

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Design, relocation, and upgrade of public utility infrastructure in downtown Lubbock as recommended by the Downtown Redevelopment Plan.

Phase I of the relocation began in 2012 and addresses the northwest quadrant of the Central Business District Tax Increment Financing Reinvestment Zone (CBD TIF). The City received a \$1.5 million Economic Development Administration (EDA) grant for Phase I of the relocation of utilities underground in the CBD TIF that requires an \$800,000 local match that is funded from this project.

Project Justification

The relocation of the utilities in the CBD TIF must be addressed to move forward with the redevelopment of Downtown.

Project History

- \$1.5 million was appropriated in the FY 2010-11 Budget, Ord. No. 2010-O0070, September 16, 2010.
- \$300,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.
- \$2.5 million was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.
- \$3.0 million was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.
- \$750,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-O0094, September 10, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	6,450,000	3,000,000	0	0	0	0	0	9,450,000
Design and Engineering	800,000	0	0	0	0	0	0	800,000
Transfer to Grant	800,000	0	0	0	0	0	0	800,000
Total Project Appropriation	8,050,000	3,000,000	0	0	0	0	0	11,050,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2010 CBD TIF Revenue CO's	27,852	0	0	0	0	0	0	27,852
FY 2011 CBD TIF Revenue CO's	1,500,000	0	0	0	0	0	0	1,500,000
FY 2013 CBD TIF Pay-As-You-Go	300,000	0	0	0	0	0	0	300,000
FY 2014 CBD TIF Revenue CO's	2,472,148	0	0	0	0	0	0	2,472,148
FY 2015 CBD TIF Revenue CO's	3,000,000	0	0	0	0	0	0	3,000,000
FY 2016 CBD TIF Revenue CO's	750,000	0	0	0	0	0	0	750,000
FY 2017 CBD TIF Revenue CO's	0	3,000,000	0	0	0	0	0	3,000,000
Total Funding Sources	8,050,000	3,000,000	0	0	0	0	0	11,050,000

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

The project provides for the design and construction of Glenna Goodacre Boulevard from Avenue R to Avenue P. The project will consist of widening the roadway to four lanes with a median and appropriate turn lanes. The roadway will be asphalt paving to match the existing Glenna Goodacre Boulevard section west of Avenue R.

Project Justification

The right-of-way has been purchased and cleared for the extension of this roadway. The completion of the roadway will provide for better traffic movements from the campus of Texas Tech University and the North Overton area to the Arts District of Downtown Lubbock. This is one of the Gateway projects identified in the Downtown Revitalization Plan.

Project History

\$500,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	500,000	0	0	0	0	0	0	500,000
Total Project Appropriation	500,000	0	0	0	0	0	0	500,000

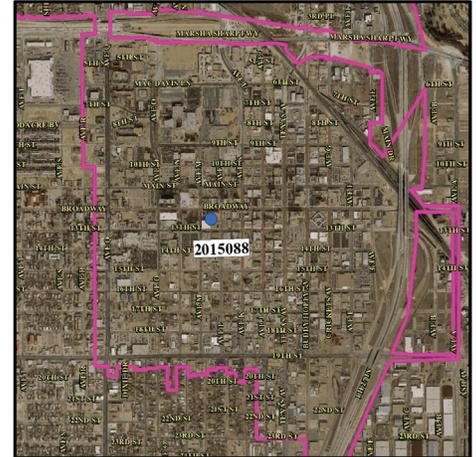
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2013 CBD TIF Pay-As-You-Go	500,000	0	0	0	0	0	0	500,000
Total Funding Sources	500,000	0	0	0	0	0	0	500,000

Managing Department **Fiscal Policy**

Project Manager **Neil Welch**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

The project is funding for additional costs related to the installation of the duct system in the downtown area, reconnection costs, or any other cost related to downtown redevelopment.

Project Justification

As the downtown redevelopment project continues, additional costs related to the installation of the duct system and other activities will be incurred. The purpose of the project is to set aside cash funding for those additional costs.

Project History

\$200,000 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-00094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Other Activities	200,000	0	0	0	0	0	0	200,000
Total Project Appropriation	200,000	0	0	0	0	0	0	200,000

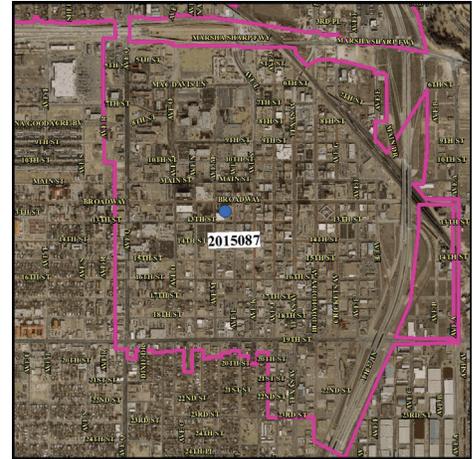
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 CBD TIF Pay-As-You-Go	200,000	0	0	0	0	0	0	200,000
Total Funding Sources	200,000	0	0	0	0	0	0	200,000

Managing Department **Fiscal Policy**

Project Manager **Neil Welch**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope
 Construct gateways and green spaces in the Central Business District TIF.

Project Justification
 Gateways and other green spaces are one of the components included in the downtown redevelopment plan. They will improve the overall appearance of the downtown area and will be another incentive for businesses to participate in the redevelopment of downtown.

Project History
 \$1.5 million was appropriated in the FY 2015-16 Budget, Ord. No. 2015-00094, September 10, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	1,500,000	800,000	0	0	0	0	0	2,300,000
Total Project Appropriation	1,500,000	800,000	0	0	0	0	0	2,300,000

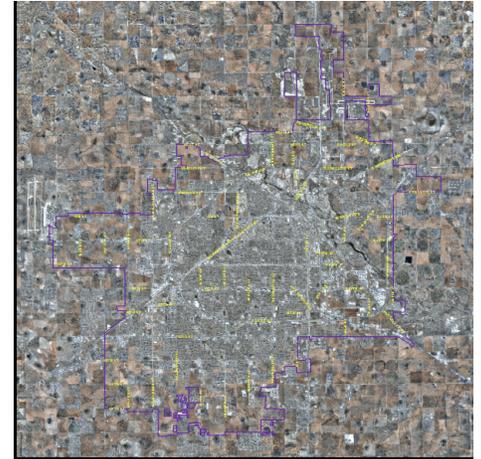
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2016 CBD TIF Revenue CO's	1,500,000	0	0	0	0	0	0	1,500,000
FY 2017 CBD TIF Revenue CO's	0	800,000	0	0	0	0	0	800,000
Total Funding Sources	1,500,000	800,000	0	0	0	0	0	2,300,000

Managing Department **Engineering**

Project Manager **Wood Franklin**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope

Replacement, upgrade, or relocation of utility infrastructure in Downtown Lubbock.

Project Justification

Some of the public infrastructure in Downtown Lubbock is 60 - 80 years old and needs replacement in order to support the redevelopment of the downtown area.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	700,000	1,000,000	0	0	0	0	1,700,000
Total Project Appropriation	0	700,000	1,000,000	0	0	0	0	1,700,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2017 CBD TIF Revenue CO's	0	700,000	0	0	0	0	0	700,000
FY 2018 CBD TIF Revenue CO's	0	0	1,000,000	0	0	0	0	1,000,000
Total Funding Sources	0	700,000	1,000,000	0	0	0	0	1,700,000



Gateway Streets Projects

Appropriation Summary

	Project Name	Appropriation to Date	Unappropriated Planning Years					Total Appropriation	
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21		FY 2021-22
8577	Environmental Assessments for Gateway Projects	650,000	0	0	0	0	0	0	650,000
92265	Erskine - MLK to East Loop 289	1,700,000	0	0	0	0	0	0	1,700,000
92289	98th Street - University Avenue to US 87	10,175,300	0	0	0	0	0	0	10,175,300
Total	Gateway Streets Projects	12,525,300	0	0	0	0	0	0	12,525,300

Gateway Streets Projects

Funding Summary

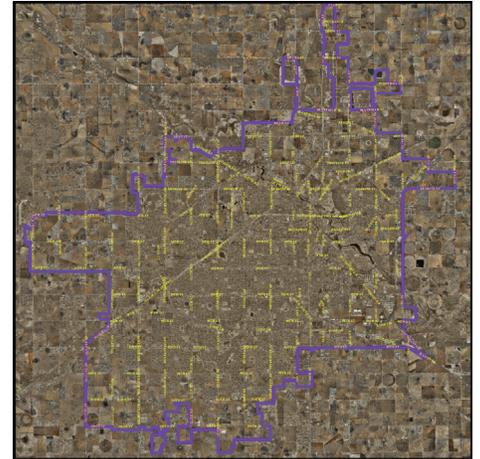
Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2009 Gateway Streets Revenue CO's	3,153,038	0	0	0	0	0	0	3,153,038
FY 2010 Gateway Streets Revenue CO's	3,603,630	0	0	0	0	0	0	3,603,630
FY 2011 Gateway Streets Revenue CO's	1,270,372	0	0	0	0	0	0	1,270,372
FY 2014 Gateway Streets Revenue CO's	1,560,348	0	0	0	0	0	0	1,560,348
FY 2015 Gateway Streets Revenue CO's	2,937,912	0	0	0	0	0	0	2,937,912
Total Gateway Streets Projects	12,525,300	0	0	0	0	0	0	12,525,300

Managing Department **Public Works Engineering**

Project Manager **Neil Welch**

Project Classification **New Roadways**

Project Status **Approved**



Project Scope

Hire a consultant to complete an Environmental Assessment for projects that have the opportunity for federal and state funding.

Project Justification

In order to receive any federal or state funds for local thoroughfare projects an Environmental Assessment must be done and approved by the Texas Department of Transportation and the Federal Highway Administration.

Project History

\$650,000 was appropriated in the FY 2012-13 Budget, Ord. No. 2012-00100, September 13, 2012.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Design and Engineering	650,000	0	0	0	0	0	0	650,000
Total Project Appropriation	650,000	0	0	0	0	0	0	650,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2009 Gateway Streets Revenue CO's	32,343	0	0	0	0	0	0	32,343
FY 2010 Gateway Streets Revenue CO's	617,657	0	0	0	0	0	0	617,657
Total Funding Sources	650,000	0	0	0	0	0	0	650,000

Managing Department **Public Works Engineering**

Project Manager **Wood Franklin**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Design and construction of Erskine Street from Martin Luther King Jr. Boulevard to East Loop 289. The construction includes curb and gutter and full paving of a Type C-1 Collector street along Erskine Street. The project provides a collector street with two lanes of traffic in each direction.

Project Justification

Proposed development in the area will increase traffic volume in the area. This will allow for a paved connection between Loop 289 and Martin Luther King Boulevard to help alleviate possible traffic congestion.

Project History

\$1.5 million was appropriated in the FY 2011-12 Budget, Ord. No. 2011-O0080, September 8, 2011.

\$200,000 was appropriated in FY 2015-16 Budget Amendment No. 5, Ord. No. 2015-O0016, November 19, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	1,700,000	0	0	0	0	0	0	1,700,000
Total Project Appropriation	1,700,000	0	0	0	0	0	0	1,700,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2009 Gateway Streets Revenue CO's	473,852	0	0	0	0	0	0	473,852
FY 2010 Gateway Streets Revenue CO's	1,226,148	0	0	0	0	0	0	1,226,148
Total Funding Sources	1,700,000	0	0	0	0	0	0	1,700,000

Managing Department **Public Works Engineering**

Project Manager **Wood Franklin**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Replace the current strip paving with a T-2 thoroughfare with six travel lanes, continuous left turn lane, and full intersection located at Avenue P. Traffic signals will be required at the Avenue P and 98th street intersection. Street lighting, drainage features, and pedestrian access will be constructed with this project.

Project Justification

Development and traffic demands continue to grow in this area. The current strip paving in this area requires continuous maintenance and repair.

Project History

\$1.68 million was appropriated in the FY 2012-13 Budget, Ord. No. 2012-O0100, September 13, 2012.

\$5,145,300 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

Reduced by \$450,000 in FY 2013-14 Budget Amendment No. 1, Ord. No. 2013-O0095, October 24, 2013.

\$4.0 million was appropriated in the FY 2014-15 Budget, Ord. No. 2014-O0122, September 11, 2014.

Reduced by \$200,000 in FY 2015-16 Budget Amendment No. 5, Ord. No. 2015-O0116, November 19, 2015.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	8,495,300	0	0	0	0	0	0	8,495,300
Design and Engineering	1,650,000	0	0	0	0	0	0	1,650,000
Right of Way Acquisition	30,000	0	0	0	0	0	0	30,000
Total Project Appropriation	10,175,300	0	0	0	0	0	0	10,175,300

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2009 Gateway Streets Revenue CO's	2,646,843	0	0	0	0	0	0	2,646,843
FY 2010 Gateway Streets Revenue CO's	1,759,825	0	0	0	0	0	0	1,759,825
FY 2011 Gateway Streets Revenue CO's	1,270,372	0	0	0	0	0	0	1,270,372
FY 2014 Gateway Streets Revenue CO's	1,560,348	0	0	0	0	0	0	1,560,348
FY 2015 Gateway Streets Revenue CO's	2,937,912	0	0	0	0	0	0	2,937,912
Total Funding Sources	10,175,300	0	0	0	0	0	0	10,175,300



North Overton TIF

Appropriation Summary

Project Name	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
92254 North Overton TIF Public Improvements	2,247,031	150,000	1,000,000	0	0	0	0	3,397,031
2016203 Street Infrastructure Upgrade/Replacement	0	0	0	400,000	1,400,000	1,500,000	2,000,000	5,300,000
2016204 Roy Furr Pioneer Park	0	0	0	800,000	0	0	0	800,000
Total North Overton TIF	2,247,031	150,000	1,000,000	1,200,000	1,400,000	1,500,000	2,000,000	9,497,031

North Overton TIF

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2007 TIF Revenue CO's	29,175	0	0	0	0	0	0	29,175
FY 2008 TIF Revenue CO's	676,105	0	0	0	0	0	0	676,105
FY 2009 TIF Revenue CO's	41,731	0	0	0	0	0	0	41,731
FY 2010 TIF Revenue CO's	20	0	0	0	0	0	0	20
FY 2016 10-Year TIF Revenue CO's	1,500,000	0	0	0	0	0	0	1,500,000
FY 2017 North Overton TIF Pay-As-You-Go	0	150,000	0	0	0	0	0	150,000
FY 2018 North Overton TIF Pay-As-You-Go	0	0	1,000,000	0	0	0	0	1,000,000
FY 2019 North Overton TIF Pay-As-You-Go	0	0	0	1,200,000	0	0	0	1,200,000
FY 2020 North Overton TIF Pay-As-You-Go	0	0	0	0	1,400,000	0	0	1,400,000
FY 2021 North Overton TIF Pay-As-You-Go	0	0	0	0	0	1,500,000	0	1,500,000
FY 2022 North Overton TIF Pay-As-You-Go	0	0	0	0	0	0	2,000,000	2,000,000
Total North Overton TIF	2,247,031	150,000	1,000,000	1,200,000	1,400,000	1,500,000	2,000,000	9,497,031

Managing Department **Business Development**

Project Manager **Melissa Trevino**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Construction of public improvements in the right-of-way for the remaining undeveloped tracts. Also included in the project is the repair or replacement of public improvements in the right of way for already developed areas, such as the relocation and replacement of bollards on Glenna Goodacre Boulevard and any other replacement of the original construction that is needed.

Project Justification

The project is part of the ongoing redevelopment in the North Overton TIF to replace 70-year old infrastructure.

Project History

\$65,485 was appropriated in FY 2010-11 Budget Amendment No. 1, Ord. No. 2010-O0080, October 28, 2010.

\$161,765 was appropriated in FY 2010-11, Budget Amendment No. 5, Ord. No. 2011-O0010, February 10, 2011.

\$519,782 was appropriated in FY 2010-11, Budget Amendment No. 12, Ord. No. 2011-O0059, July 14, 2011.

\$1.5 million was appropriated in FY 2015-16, Budget Amendment No. 9, Ord. No. 2015-O0122, December 17, 2015.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	2,247,031	150,000	1,000,000	0	0	0	0	3,397,031
Total Project Appropriation	2,247,031	150,000	1,000,000	0	0	0	0	3,397,031

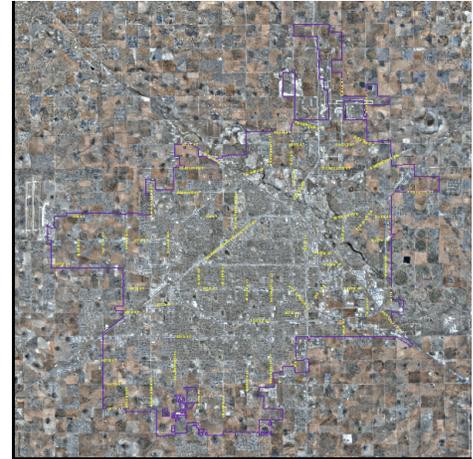
<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2007 TIF Revenue CO's	29,175	0	0	0	0	0	0	29,175
FY 2008 TIF Revenue CO's	676,105	0	0	0	0	0	0	676,105
FY 2009 TIF Revenue CO's	41,731	0	0	0	0	0	0	41,731
FY 2010 TIF Revenue CO's	20	0	0	0	0	0	0	20
FY 2016 10-Year TIF Revenue CO's	1,500,000	0	0	0	0	0	0	1,500,000
FY 2017 North Overton TIF Pay-As-You-Go	0	150,000	0	0	0	0	0	150,000
FY 2018 North Overton TIF Pay-As-You-Go	0	0	1,000,000	0	0	0	0	1,000,000
Total Funding Sources	2,247,031	150,000	1,000,000	0	0	0	0	3,397,031

Managing Department **Fiscal Policy**

Project Manager **Melissa Trevino**

Project Classification **Infrastructure Improvements**

Project Status **Requested**



Project Scope
Upgrade or replacement of streets.

Project Justification
Many of the streets in the North Overton TIF are the original streets and need to be upgraded and/or replaced.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	400,000	1,400,000	1,500,000	2,000,000	5,300,000
Total Project Appropriation	0	0	0	400,000	1,400,000	1,500,000	2,000,000	5,300,000

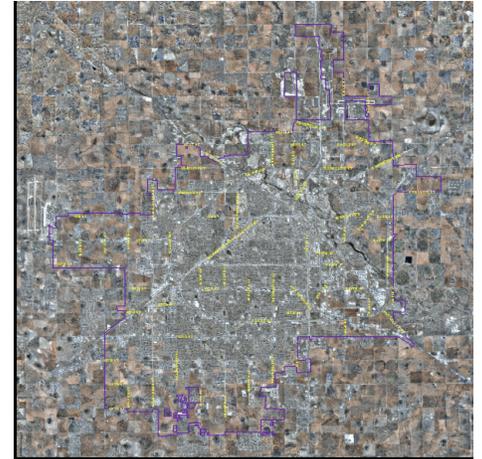
Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 North Overton TIF Pay-As-You-Go	0	0	0	400,000	0	0	0	400,000
FY 2020 North Overton TIF Pay-As-You-Go	0	0	0	0	1,400,000	0	0	1,400,000
FY 2021 North Overton TIF Pay-As-You-Go	0	0	0	0	0	1,500,000	0	1,500,000
FY 2022 North Overton TIF Pay-As-You-Go	0	0	0	0	0	0	2,000,000	2,000,000
Total Funding Sources	0	0	0	400,000	1,400,000	1,500,000	2,000,000	5,300,000

Managing Department **Fiscal Policy**

Project Manager **Melissa Trevino**

Project Classification **Replacement Infrastructure**

Project Status **Requested**



Project Scope

The project will design and construct/install new improvements in Roy Furr Pioneer Park. The improvements includes, but it not limited to, updates/renovation of the existing park, lighting, furniture, new structures, and any other elements needed as determined by the design.

Project Justification

Roy Furr Pioneer Park has not been updated in many years.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
Construction	0	0	0	800,000	0	0	0	800,000
Total Project Appropriation	0	0	0	800,000	0	0	0	800,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	
FY 2019 North Overton TIF Pay-As-You-Go	0	0	0	800,000	0	0	0	800,000
Total Funding Sources	0	0	0	800,000	0	0	0	800,000





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