

Building MOMENTUM



City of Pearland, Texas
Capital Improvement Program

2016 - 2020

pearlandtx.gov



CITY OF PEARLAND, TEXAS

CITY OF PEARLAND
2016 – 2020
CAPITAL IMPROVEMENT PROGRAM (CIP)
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INTRODUCTION

The City of Pearland's Capital Improvement Program (CIP) has been developed in order to further our commitment to the citizens of Pearland by working to meet today's needs, as well as those of the future ensuring a sustainable infrastructure. From work on underground water and sewer lines to more visible projects such as street paving and extensions, the five-year CIP addresses the needs of the City through responsible City Government with a comprehensive and fiscally responsible approach.

What is a Capital Improvement? A capital improvement is a major, non-routine expenditure for new construction, improvements to existing buildings, facilities, land, streets, storm sewers, and expansion of the City's park system to name a few. A capital improvement project has a relatively high monetary value (\$100,000+), long-life expectancy, and results in the creation of an asset or extends the life of existing assets. The cost of the capital improvement includes design, legal fees, land, operating equipment, furniture, construction, etc. that is necessary to put the asset into service. A capital improvement project is not the purchase of a piece of equipment such as a fire truck, vehicle, etc.

What are the benefits of a Capital Improvement Program? A long-term capital improvement program has many obvious benefits derived from its organized approach to planning projects. The program can focus attention on community and City strategic priorities and needs, allowing projects to be prioritized based on need. The CIP can be an effective tool for achieving goals set forth in the City's Comprehensive Plan, as well as the City's various master plans. Through proper planning, the need for bond referendums, bond issues or other revenue production measures can be foreseen and action can be taken to fund the projects as identified.

CIP DEVELOPMENT PROCESS

The development of a capital improvement program is a continual process and, consequently, should be viewed as a working document. Therefore, while the document covers a five-year planning perspective, it is revised every year in order to accommodate new projects, reflect changes in ongoing projects, and extend the program an additional year.

The first year of the plan is incorporated into the annual budget to appropriate funds. Improvements identified in subsequent years are approved only on a planning basis and do not receive expenditure appropriation. Cost estimates for years two through five are also for planning purposes only, to be used in conjunction with the City's long-range financial plan for operations.

As City projects related to Drainage, Streets, Parks and Facilities in the previous 2007 bond program are completed, projects in future years are added in order to identify and quantify future needs. These projects have been added to the five-year CIP as New/Proposed GO Bonds. These identified projects will then become a basis for the preparation of a future referendum.

Projects included in the five-year CIP are either City managed projects or include just the City's share of projects that will be managed by other agencies. If an outside agency will be contributing funding directly to the City for a project that the City will manage, then that cost and funding are included in the project budget. The Five-Year Capital Improvement Program includes all capital projects, which are to be financed in whole or in part from funds subject to control or appropriation by the City. Therefore, the CIP includes bond appropriations (general obligation, certificates of obligation and revenue bonds),

General Revenue – Cash, Economic Development Corporation Sales Tax, System Revenues – Cash, Impact Fees, Developer Contributions, and any Federal, State or private foundation grant funds received by the City for capital improvement projects.

The City considers input from the citizens, the Planning and Zoning Commission, City staff members, and master plans in the Capital Improvement Program’s preparation. A project list is compiled, prioritized by year, and cost estimates assigned. The Finance Department also looks at the overall effect of projects, including the need to issue debt, potential impact on the tax rate, and operations and maintenance impact on the City. The City Council, through workshops, reviews the draft with any recommended changes incorporated into the final document. A final draft of the Five-Year CIP is then prepared for Council consideration and approval. Upon Council adoption, the five-year CIP document is reproduced and distributed for implementation of the program.

2016 - 2020 CAPITAL IMPROVEMENT PROGRAM

The Five-Year Capital Improvement Program for 2016 to 2020 totals \$480,983,079. How is the Capital Improvement Program funded? Funding for CIP projects are derived from various sources, including General Obligation Bonds, Certificates of Obligation, Water & Sewer Revenue Bonds, Impact Fees, General Revenues, System Revenues, P.E.D.C., Developer Contributions, County/MUD Contributions, Federal and State Highway Funds, and Grant Funds. Uses of the funding include Drainage, Streets, Facilities, Parks, Water, and Wastewater projects.

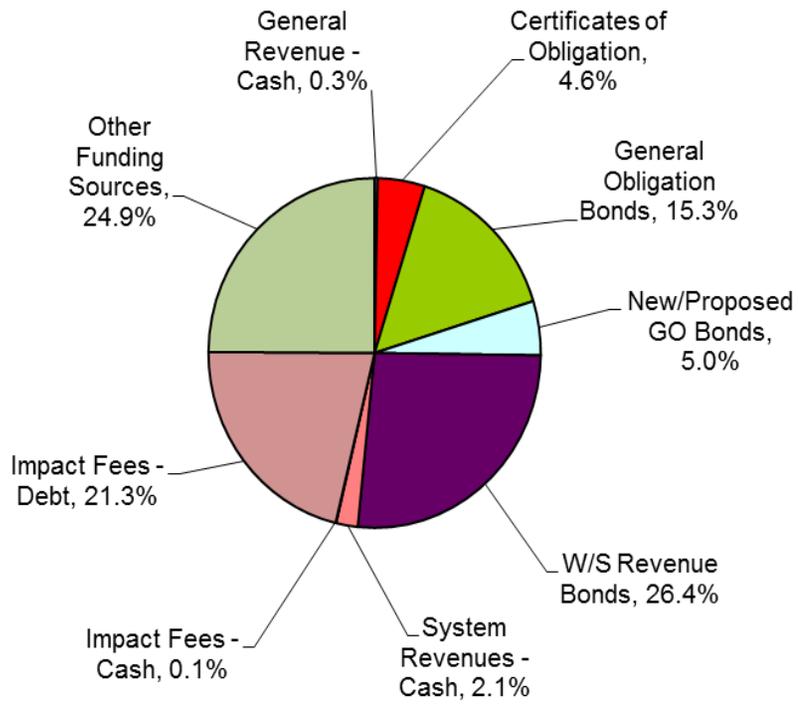
The 2016 - 2020 CIP completes the balance of funds from the 2007 bond referendum. As such, capital needs in the amount of \$100,659,864 have been identified and are listed in the

appendix of this document. This list of projects do not include potential projects from the completion of master plans including but not limited to the parks master plan, the drainage master plan, the facilities assessment study or potential transportation improvement plan opportunities.

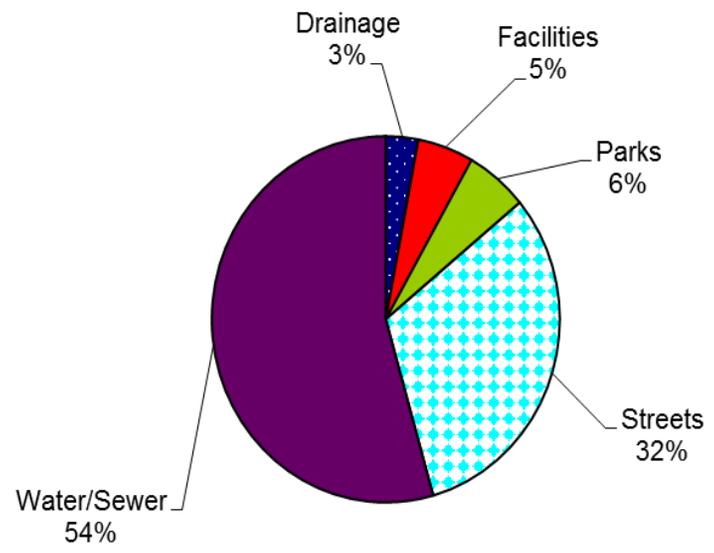
The City’s last bond referendum in 2007 totaled \$162 million taking 10 years to complete. In an effort to have a more manageable program that can be reasonably completed in a three to five year time frame and to manage the city debt, the 2016 – 2020 CIP includes a bond election in 2019 for \$70,378,613.

The graph on the following page provides a breakdown of the funding sources and uses.

**2016-2020 CIP
by
Funding Source - \$481 Million**



**2016-2020 CIP
by
Project Type - \$481 Million**



PROJECT HIGHLIGHTS

DRAINAGE

Drainage projects include the construction of storm sewers, detention ponds, and underground drainage, as well as associated culvert and ditch improvements. These construction projects and improvements will help reduce the risk of repetitive flooding in residential areas and provide storage capacity. Major drainage improvements include Cullen/FM518 Regional Detention Pond, and Old Townsite Drainage.

PARKS

Parks projects include the construction of Independence Park Phase I, which will include the reorientation of entry into the park, relocation and replacement of existing playground, electrical and lighting improvements along with minor architectural details in the existing pavilion, blast and repaint the basketball court, additional parking, a small stage and sloped earthen amphitheater. The Delores Fenwick Nature Center funding will be used to complete design and begin construction on a 7,000 square foot building with an open air pavilion at one end that would include: restrooms, outdoor spray station and hose bibs, a classroom with a 50 seat capacity, and 400 square feet of storage. Completion of funding for Centennial Park Phase II construction is also included. Funding is included for the construction for Green Tee Terrace Trail, which will be a 10-foot hike and bike trail from the Pearland Eastside Library/City Hall to Barry Rose Road, along the Clear Creek Corridor and also for the construction for the extension of the Shadow Creek Ranch Trail from east of Kirby Drive to Shadow Creek Ranch Park.

FACILITIES

Facility projects include the expansion of the Tom Reid Library by approximately 8,000 square feet. The renovation of the City Hall Complex will accommodate much needed space for personnel, a result of the City's growth, provide for adjacencies and security improvements. Also included in Facility projects is the design for Fire Station #1 and a new office facility at Orange Street Service Center.

STREETS

Street projects include pavement rehabilitation, which replaces sections of existing failed pavement, road extensions, widening and reconstruction of some of the major streets in the City to improve mobility, congestion, and ride-ability. Major street projects include Bailey Road from Veterans to FM 1128, Old Alvin Road Widening from Plum Street to McHard Road, Mykawa Road Widening from Orange to McHard, Hughes Ranch Road (CR 403) from Cullen Parkway to Smith Ranch Road, Fite Road Extension from Veterans to McLean, Max Road Expansion from Hughes Ranch to Reid Boulevard, Regency Park Subdivision Paving, Kirby Drive Expansion from Broadway to CR 59, McHard Road Extension from Mykawa to Cullen Parkway, Smith Ranch Road Extension (CR 94) from Hughes Ranch Road to Broadway, and intersection improvements. Sidewalk construction projects include Safe Routes to School and West McHard Pedestrian Path.

WATER/WASTEWATER

Water and Wastewater projects include the replacement and/or the construction of water and sewer lines, water wells, and treatment and water capacity. Major projects for water

improvements include the relocation of Toll Road Utilities, the installation of FM 521 Waterline from Broadway to Mooring Pointer, McHard Waterline Phase II, Hughes Ranch Road West 12" Waterline, Underground Piping Infrastructure at water facilities, Transite Waterline Replacement, Water Meter Change-out, and construction of 10 MGD Surface Water Plant. Wastewater projects include the expansion of Reflection Bay Water Reclamation facility, Barry Rose WWTP Expansion and JHEC WWTP Expansion, McHard Road Trunk Sewer, installation of McHard Road Trunk Sewer from Garden to Southdown WWTP, relocation of the Mykawa/Scott Lift Station, Veteran's Drive Lift Station and sanitary sewer rehabilitation.

NEW/PROPOSED GO BOND

The new/proposed bond projects include the construction of Fire Station #8, Shadow Creek Library, Orange Street Service Center, Fire Training Field Phase I, JHEC Nature Trails Phase II, Shadow Creek Ranch Park Phase II, Independence Park Phase II, Park Equipment Replacement Program, Trail Connectivity Phase III, Street Reconstruction Program, Pearland Parkway Super Street, Pearland Parkway Traffic Circle Improvements, and Broadway Expansion from SH 288 to Cullen.

**CITY OF PEARLAND
2016 - 2020 CAPITAL IMPROVEMENT PROGRAM
TOTAL SUMMARY**

USE	2016	2017	2018	2019	2020	TOTAL
DRAINAGE	1,300,800	2,327,724	7,927,542	2,900,536		14,456,602
PARKS	9,782,496	2,857,991	1,364,640	7,854,748	6,010,500	27,870,375
FACILITIES	13,793,481	3,778,000	650,000	6,759,210		24,980,691
STREETS	52,111,039	31,424,387	42,494,081	18,066,778	7,978,000	152,074,285
WATER	3,630,570	19,136,050	15,958,005	43,327,962	35,750,000	117,802,587
WASTEWATER	36,666,552	54,337,520	28,023,922	22,710,545	2,060,000	143,798,539
TOTAL	\$ 117,284,938	\$ 113,861,672	\$ 96,418,190	\$ 101,619,779	\$ 51,798,500	\$ 480,983,079

SOURCE OF FUNDS	2016	2017	2018	2019	2020	TOTAL
General Revenue - Cash		353,000	353,000	353,000	353,000	1,412,000
Certificates of Obligation	12,618,805	4,618,292	3,699,741	1,099,050		22,035,888
General Obligation Bonds	21,822,405	17,533,508	21,472,153	12,833,214		73,661,280
New/Proposed GO Bonds				15,621,210	8,530,500	24,151,710
P.E.D.C.						
W/S Revenue Bonds	27,438,315	26,369,894	22,160,754	33,375,734	17,560,000	126,904,697
System Revenues - Cash	500,000	1,800,000	2,300,000	2,250,000	3,250,000	10,100,000
Impact Fees - Cash	292,500					292,500
Impact Fees - Debt	20,916,500	18,467,950	16,675,490	29,350,273	17,000,000	102,410,213
Other Funding Sources	47,129,395	31,019,028	29,757,052	6,737,298	5,105,000	119,747,773
<i>Plus Bonds Sold in Prior Years</i>						267,018
TOTAL	\$ 130,717,920	\$ 100,161,672	\$ 96,418,190	\$ 101,619,779	\$ 51,798,500	\$ 480,983,079

Note: The totals do not tie by year as the City sometimes appropriates funds for GO Bond projects in one year and then sells the bonds in the next year.

**CITY OF PEARLAND
2016 PROJECTS BY FUNDING SOURCE
CERTIFICATES OF OBLIGATION**

Project No.	Project Name	Amount
PARKS		
P50071	Centennial Park Ph. II	573,064
PK1401	Shadow Creek Ranch Trail	324,951
PK1402	Green Tee Terrace Trail	616,562
	Sub-Total	\$1,514,577
FACILITIES		
F20002	Tom Reid Library Expansion	1,235,075
FA0904	City Hall Complex Renovations	5,224,831
FA1404	Orange Street Service Center	3,800,100
FA1601	Fire Station #1	405,000
	Sub-Total	\$10,665,006
STREETS		
TR1602	Safe Routes to School Improvements	439,222
	Sub-Total	\$439,222
CERTIFICATES OF OBLIGATION TOTAL		\$12,618,805

**CITY OF PEARLAND
2016 PROJECTS BY FUNDING SOURCE
GENERAL OBLIGATION BONDS**

Project No.	Project Name	Amount
DRAINAGE		
DR1103	Cullen/FM 518 Detention Pond	585,935
DR1302	Old Townsite Drainage	487,834
	Sub-Total	\$1,073,769
PARKS		
P20001	Independence Park Ph. I	1,820,803
P20004	Delores Fenwick Nature Center	790,122
P50071	Centennial Park Ph. II	1,254,936
	Sub-Total	\$3,865,861
FACILITIES		
F20002	Tom Reid Library Expansion	3,108,225
	Sub-Total	\$3,108,225
STREETS		
T08002	Bailey Road - Veterans to FM 1128	3,992,870
T20002	Old Alvin Road Widening - Plum St to McHard Rd	762,800
TR1201	Hughes Ranch Road (CR 403) - Cullen to Smith Ranch Rd	3,625,663
TR1202	Fite Road - Veterans to McLean	1,240,207
TR1205	Max Road Expansion - Hughes Ranch to Reid Blvd	1,550,000
TR1402	Regency Park Subdivision Paving	1,240,790
TR1404	Kirby Drive Expansion - Broadway to CR 59	956,201
TR1405	McHard Road Extension - Mykawa Rd to Cullen Pkwy	222,658
TR1501	Smith Ranch Rd Extension (CR 94) - Hughes Ranch Rd to Broadway	183,361
	Sub-Total	\$13,774,550
GENERAL OBLIGATION BONDS TOTAL		\$21,822,405

**CITY OF PEARLAND
2016 PROJECTS BY FUNDING SOURCE
W/S REVENUE BONDS**

Project No.	Project Name	Amount
WATER		
WA1501	Toll Road Utility Relocations	749,460
WA1505	FM 521 Waterline - Broadway to Mooring Pointer	773,055
WA1602	Hughes Ranch Rd West 12" Water Line	292,500
	Sub-Total	\$1,815,015
WASTEWATER		
WW1405	Reflection Bay Water Reclamation	23,175,000
WW1406	McHard Rd Trunk Sewer - Garden to Southdown WWTP	577,500
WW1506	Lift Station Program	440,800
WW1603	JHEC WWTP Expansion	1,430,000
	Sub-Total	\$25,623,300
W/S REVENUE BONDS TOTAL		\$27,438,315

CITY OF PEARLAND
 2016 PROJECTS BY FUNDING SOURCE
 SYSTEM REVENUE - CASH

Project No.	Project Name	Amount
WATER		
WA1604	Transite Pipe Water Line Replacement	250,000
	Sub-Total	\$250,000
WASTEWATER		
WW1507	Sanitary Sewer Rehabilitation	250,000
	Sub-Total	\$250,000
SYSTEM REVENUE - CASH TOTAL		\$500,000

CITY OF PEARLAND
2016 PROJECTS BY FUNDING SOURCE
IMPACT FEES - CASH

Project No.	Project Name	Amount
WATER		
WA1602	Hughes Ranch Rd West 12" Water Line	292,500
	Sub-Total	\$292,500
IMPACT FEES - CASH TOTAL		\$292,500

CITY OF PEARLAND
 2016 PROJECTS BY FUNDING SOURCE
 IMPACT FEES - DEBT

Project No.	Project Name	Amount
WASTEWATER		
WW1405	Reflection Bay Water Reclamation	20,339,000
WW1406	McHard Rd Trunk Sewer - Garden to Southdown WWTP	577,500
	Sub-Total	\$20,916,500
IMPACT FEES - DEBT TOTAL		\$20,916,500

**CITY OF PEARLAND
2016 PROJECTS BY FUNDING SOURCE
OTHER FUNDING SOURCES**

Project No.	Project Name	Amount
DRAINAGE		
DR1302	Old Townsite Drainage	112,966
	Sub-Total	\$112,966
PARKS		
P20001	Independence Park Phase I	86,000
PK1401	Shadow Creek Ranch Trail	1,299,804
PK1402	Green Tee Terrace Trail	3,016,254
	Sub-Total	\$4,402,058
FACILITIES		
FA0904	City Hall Complex Renovations	20,250
	Sub-Total	\$20,250
STREETS		
T08002	Bailey Road - Veterans to FM 1128	14,251,475
T20002	Old Alvin Road Widening - Plum St to McHard Rd	752,000
TR1201	Hughes Ranch Road (CR 403) - Cullen to Smith Ranch Rd	13,575,673
TR1202	Fite Road - Veterans to McLean	2,390,965
TR1404	Kirby Drive Expansion - Broadway to CR 59	100,361
TR1405	McHard Road Extension - Mykawa Rd to Cullen Pkwy	4,155,631
TR1501	Smith Ranch Rd Extension (CR 94) - Hughes Ranch Rd to Broadway	733,442
TR1601	Intersection Improvements	375,000
TR1602	Safe Routes to School Improvements	1,038,730
TR1603	West McHard Pedestrian Path	371,037
	Sub-Total	\$37,744,314
WATER		
WA1001	General Engineering/CIP Administration	50,000
WA1505	FM 521 Waterline (Broadway to Mooring Pointer)	773,055
WA1601	McHard Rd 16" Waterline Phase II	100,000
WA1603	Underground Piping Infrastructure at Water Production Facilities	250,000
WA1605	Surface Water Plant	100,000
	Sub-Total	\$1,273,055
WASTEWATER		
WW0901	Riverstone Ranch Oversizing	163,452
WW1201	Southdown WWTP Rehabilitation	850,000
WW1502	Barry Rose WWTP Expansion	300,000
WW1601	Orange Mykawa Lift Station Retirement	166,300
WW1602	Relocation Mykawa Scott LS	335,000
WW1603	JHEC WWTP Expansion	1,530,000
WW1604	Green Tee 1 to Riverstone Wastewater Diversion	182,000
WW1605	Roy/Max/Garden Roads Basin Sewage System	50,000
	Sub-Total	\$3,576,752
OTHER FUNDING SOURCES TOTAL		\$47,129,395
GRAND TOTAL ALL FUNDING SOURCES		\$130,717,920

**CITY OF PEARLAND
2016 - 2020
CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL PAGE LOCATION**

Project No.	Project Name	Detail Page
DR1103	Cullen/FM 518 Regional Detention Pond	14
DR1302	Old Townsite Drainage	15
DR1701	PER for Future Bond Referendum	16
DR2002	D.L. Smith Detention Pond Expansion Phase I	17
P20001	Independence Park Phase I	20
P20004	Delores Fenwick Nature Center Phase I	21
P50071	Centennial Park Phase II	22
PK1401	Shadow Creek Ranch Trail	23
PK1402	Green Tee Terrace Trail	24
PK1801	PER for Future Bond Referendum	25
PK1802	Clear Creek Trail	26
PK1901	JHEC Nature Trails Phase II	27
PK1902	Park Equipment Recapitalization	28
PK1903	Shadow Creek Ranch Park Phase II	29
PK2001	Trail Connectivity Phase III	30
F20002	Tom Reid Library Expansion	33
FA0904	City Hall Complex Renovations	34
FA1404	Orange Street Service Center	35
FA1501	Fire Station #8	36
FA1601	Fire Station #1	37
FA1901	Fire Training Field Phase I	38
T08002	Bailey Road Extension - Veterans to FM 1128	41
T20002	Old Alvin Rd Widening - Plum Street to McHard Road	42
TR0601	Mykawa Road Widening - Orange to McHard	43
TR1201	Hughes Ranch Road (CR 403) - Cullen to Smith Ranch	44
TR1202	Fite Road Extension - Veterans to McLean	45
TR1205	Max Road Expansion - Hughes Ranch to Reid Blvd.	46

**CITY OF PEARLAND
2016 - 2020
CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL PAGE LOCATION**

Project No.	Project Name	Detail Page
TR1402	Regency Park Subdivision Paving	47
TR1404	Kirby Drive Expansion - Broadway to CR 59	48
TR1405	McHard Road Extension - Mykawa Road to Cullen Parkway	49
TR1407	SH288 Tollway - CR 58 to US 59	50
TR1501	Smith Ranch Road Expansion (CR 94) - Hughes Ranch to Broadway	51
TR1601	Intersection Improvements	52
TR1602	Safe Routes to School Improvements	53
TR1603	West McHard Pedestrian Path	54
TR1701	SH 288 Northbound Frontage Road - CR 59 to FM 518 (Broadway)	55
TR1801	PER for Future Bond Referendum	56
TR1901	Broadway Expansion - SH 288 to Cullen	57
TR1902	Pearland Parkway Traffic Circle Improvements	58
TR1903	Pearland Parkway Superstreet Improvements	59
TR1904	Street Reconstruction	60
WA1001	General Engineering / CIP Administration	63
WA1204	Bailey Water Plant	64
WA1501	Toll Road Utility Relocation	65
WA1505	FM 521 Waterline (Broadway to Mooring Pointer)	66
WA1601	McHard Water Line Phase II	67
WA1602	Hughes Ranch Road West 12" Water Line	68
WA1603	Underground Piping Infrastructure at Water Facilities	69
WA1604	Transite Water Line Replacement	70
WA1605	Surface Water Plant	71
WA1701	FM 521 GST Expansion	72
WA1702	Water Meter Changeout	73
WA1801	Hughes Ranch Road East 12" Water Line	74
WA1802	FM 1128 16" Waterline	75

**CITY OF PEARLAND
2016 - 2020
CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL PAGE LOCATION**

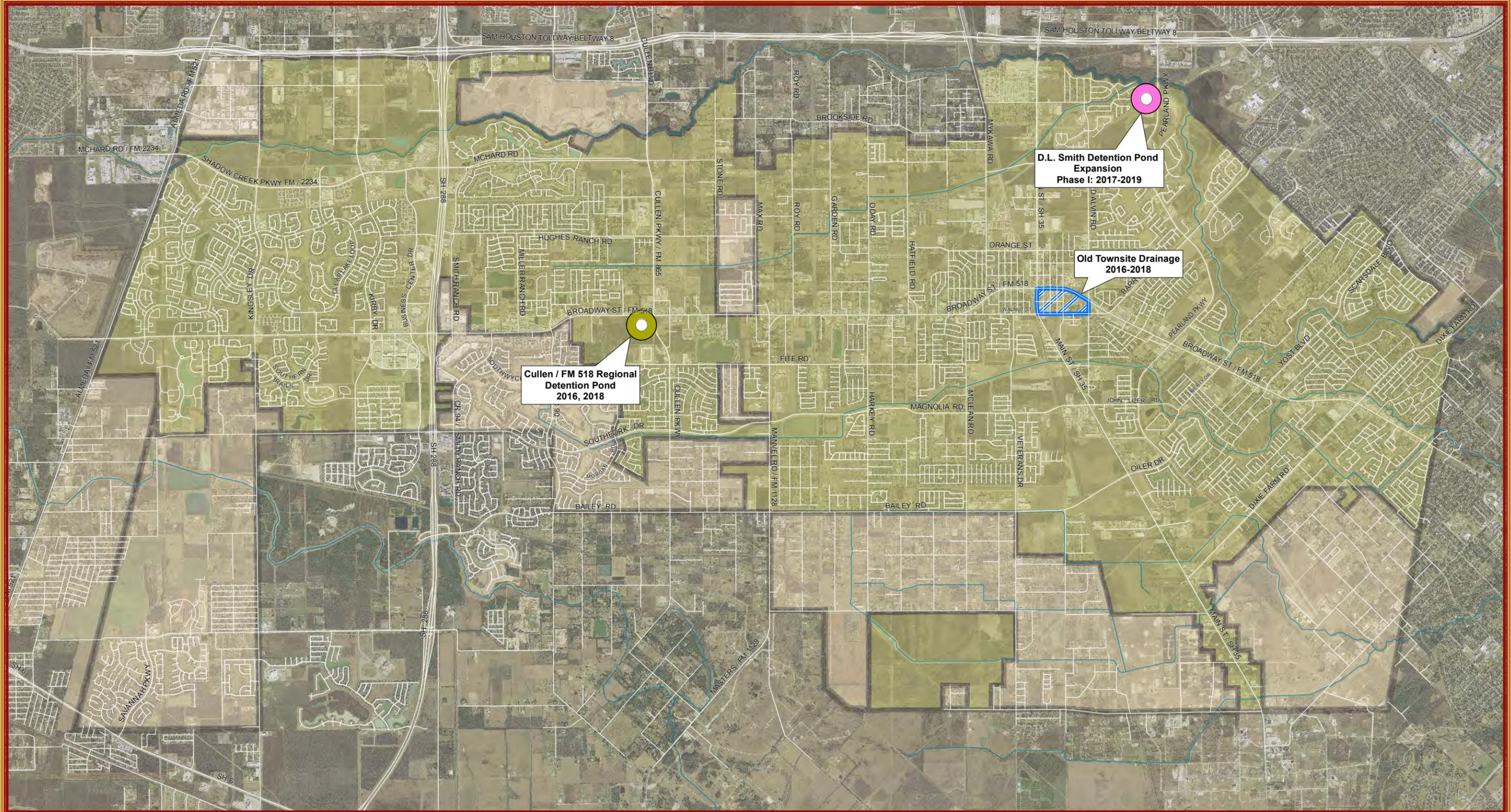
Project No.	Project Name	Detail Page
WA1803	CR 100 Waterline	76
WA1804	Harkey Rd. from CR100 to CR128 & CR 128 from Harkey to Veterans	77
WA1805	Veterans Dr. Bailey Rd. to CR 128 16" Waterline	78
WW0901	Riverstone Ranch Oversizing	81
WW1201	Southdown WWTP Rehabilitation	82
WW1405	Reflection Bay Water Reclamation	83
WW1406	McHard Rd Trunk Sewer (Garden to Southdown WWTP)	84
WW1502	Barry Rose WWTP Expansion	85
WW1506	Lift Station Program	86
WW1507	Sanitary Sewer Rehabilitation	87
WW1601	Orange Mykawa Lift Station Retirement - WWM Project 33	88
WW1602	Relocation Mykawa/Scott LS - WWM Project 5	89
WW1603	JHEC WWTP Expansion - WWM Project 29A	90
WW1604	Green Tee 1 to Riverstone Wastewater Diversion (Longwood Service Area Phase 1)	91
WW1605	Roy/Max/Garden Roads Basin Sewage System - WWM Project 12	92
WW1801	Veterans Drive Lift Station Service Area - WWM Project 11	93

**CITY OF PEARLAND
2016 - 2020 CAPITAL IMPROVEMENT PROGRAM
DRAINAGE**

Project No.	Project Name	2016	2017	2018	2019	2020	TOTAL
DR1103	Cullen/FM 518 Detention Pond	700,000		3,858,000			4,558,000
DR1302	Old Townsite Drainage	600,800	2,204,800	826,800			3,632,400
DR1801	PER for Future Bond Referendum			500,000			500,000
DR2002	D.L. Smith Detention Pond Expansion Phase I		122,924	2,742,742	2,900,536		5,766,202
	TOTAL	\$ 1,300,800	\$ 2,327,724	\$ 7,927,542	\$ 2,900,536	\$ -	\$ 14,456,602

SOURCE OF FUNDS	2016	2017	2018	2019	2020	TOTAL
General Revenue - Cash						
Certificates of Obligation						
General Obligation Bonds	1,073,769	2,327,724	7,927,542	2,900,536		14,229,571
New/Proposed GO Bonds						
P.E.D.C.						
W/S Revenue Bonds						
System Revenues - Cash						
Impact Fees - Cash						
Impact Fees - Debt						
Other Funding Sources	112,966					112,966
<i>Plus Bonds Sold in Prior Years</i>						<i>114,065</i>
TOTAL	\$ 1,186,735	\$ 2,327,724	\$ 7,927,542	\$ 2,900,536	\$ -	\$ 14,456,602

Note: The totals do not tie by year as the City sometimes appropriates funds for GO Bond projects in one year and then sells the bonds in the next year.



CITY OF PEARLAND

2016 - 2020

Capital Improvement Projects

Drainage

-  Cullen/FM 518 Regional Detention Pond
-  D.L. Smith Detention Pond Expansion Phase I

-  Old Townsite Drainage
-  City Limits
-  ETJ



1:63,360 or 1 in = 1 miles

0 0.5 1 2 Miles

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

MAP PREPARED: JULY 2015
CITY OF PEARLAND GIS DEPARTMENT

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Cullen/FM 518 Detention Pond					DR1103		2			
PROJECT DESCRIPTION										
The City's Sub Regional Detention Master Plan identified the southwest quadrant of FM 518/ Cullen Parkway as a potential location for a sub-regional detention pond. The pond would be constructed in phases with developer contributing land or excavation. This 1st phase includes minor ROW acquisition, existing ditch improvements and possible underground storm sewer improvements. Ultimate service area is approximately 265 acres.										
PROJECT JUSTIFICATION										
This project was one of the highest priority projects from the City's Regional Detention Study conducted in 2010. The proposed detention pond will provide the required detention for future development allowing development along FM 518 without the need for individual detention ponds. The development of this regional detention facility is a City Council goal.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
		CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$250,000	\$250,000	\$250,000	\$250,000						\$250,000
Land/Right of Way	\$500,000	\$500,000	\$264,000		\$500,000					\$500,000
Design/Surveying	\$350,000	\$350,000	\$200,000		\$200,000		\$150,000			\$350,000
Construction	\$3,110,000	\$3,110,000					\$3,110,000			\$3,110,000
Equipment & Furniture										\$0
Contingency	\$598,000	\$598,000					\$598,000			\$598,000
TOTAL COSTS	\$4,808,000	\$4,808,000	\$714,000	\$250,000	\$700,000	\$0	\$3,858,000	\$0	\$0	\$4,808,000
PROJECT COSTS ALLOCATION	TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
		CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds	\$4,808,000	\$4,808,000	\$864,000	\$364,065	\$585,935		\$3,858,000			\$4,808,000
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -										\$0
TOTAL SOURCES	\$4,808,000	\$4,808,000	\$864,000	\$364,065	\$585,935	\$0	\$3,858,000	\$0	\$0	\$4,808,000
¹ Explain & Identify Type of Other Sources: Partial offset by regional detention fees. Savings from E. Mary's & Town Ditch voter authorization for Drainage Projects. Assumes BCDD# 4 will maintain. \$864K is bonds already sold.						Project Manager: Les Saberniak Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Old Townsite Drainage					DR1302		1				
PROJECT DESCRIPTION					PROJECT IMAGE						
<p>The City's Sub-Regional Detention Master Plan identified an area located within the City's Old Townsite as a potential location for a sub-regional detention pond. The 41-acre service area is located at the southwest corner of Walnut and Galveston and extends to SH35 and FM518, which is within the southeast quadrant of the Old Townsite. The scope of the project will be to develop a drainage and detention plan for serving the area with a sub-regional detention pond and will include the development of a PER that determines pond location, pond size, and conveyance to the sub-regional facility.</p>											
PROJECT JUSTIFICATION											
<p>The need for sub-regional detention has been a priority set by Council which led to the development of the Sub-Regional Detention Pond Master Plan. One of the short-term priority projects was a pond located within the southeast quadrant of the Old Townsite. Phase one focuses on the area located between Walnut St. and FM518. Re-development of this portion of the Old Townsite has been difficult primarily because of the inability to construct on-site detention. Implementation of this project will help alleviate that issue allowing for approximately 15 acres to develop and will also provide regional detention for the re-development or expansion of approximately 20 acres. In addition to this, the detention pond will also serve and mitigate the impacts of the expansion of the roadway network within this portion of the Old Townsite.</p>											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$163,034	\$163,034	\$100,000	\$163,034						\$163,034
Land/Right of Way		\$217,800	\$217,800	\$176,000		\$217,800					\$217,800
Design/Surveying		\$383,000	\$383,000	\$383,000		\$383,000					\$383,000
Construction		\$2,756,000	\$2,756,000				\$1,929,200	\$826,800			\$2,756,000
Equipment and Furniture											\$0
Contingency		\$275,600	\$275,600				\$275,600				\$275,600
TOTAL COSTS		\$3,795,434	\$3,795,434	\$659,000	\$163,034	\$600,800	\$2,204,800	\$826,800	\$0	\$0	\$3,795,434
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds		\$3,619,434	\$3,619,434	\$483,000	\$100,000	\$487,834	\$2,204,800	\$826,800			\$3,619,434
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$176,000	\$176,000	\$176,000	\$63,034	\$112,966					\$176,000
TOTAL SOURCES		\$3,795,434	\$3,795,434	\$659,000	\$163,034	\$600,800	\$2,204,800	\$826,800	\$0	\$0	\$3,795,434
¹ Explain & Identify Type of Other Sources: Reallocation of Town Ditch & Veterans/Walnut						Project Manager: Andrea Brinkley					
						Project's Approval Date: 6/22/2015					

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
PER for Future Bond Referendum					DR1801		4				
PROJECT DESCRIPTION					PROJECT IMAGE						
Provide funding for preliminary engineering on future projects yet to be identified from the Drainage Master Plan to be conducted in FY 2016. Preliminary engineering would tighten down scopes and provide for estimated construction dollars that would be needed to take a proposition to the voters.											
PROJECT JUSTIFICATION											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)											
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$500,000	\$500,000					\$500,000			\$500,000
Land/Right of Way											\$0
Design/Surveying											\$0
Construction											\$0
Equipment and Furniture											\$0
Contingency											\$0
TOTAL COSTS		\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds		\$500,000	\$500,000					\$500,000			\$500,000
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -											\$0
TOTAL SOURCES		\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
*Explain & Identify Type of Other Sources:							Project Manager: Projects				
							Project's Approval Date: 6/22/2015				

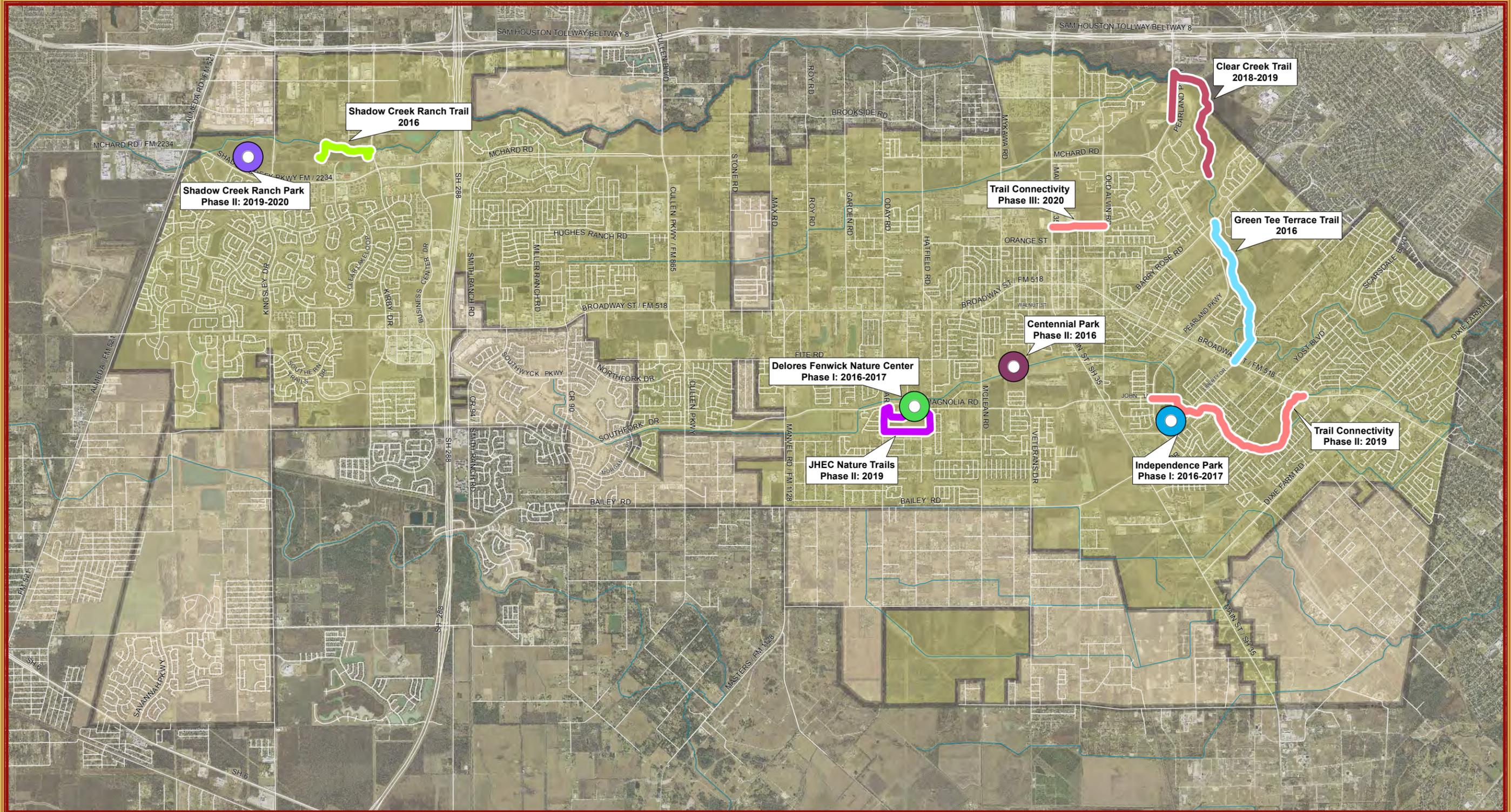
PROJECT NAME					PROJECT #		PREFERENCE ORDER				
D. L. Smith Detention Pond Expansion Phase I					DR2002		3				
PROJECT DESCRIPTION					PROJECT IMAGE						
Phase I of the project will expand the existing DL Smith detention facility by approximately 150 acre-feet. The expansion will occur to the west of the existing McHard Road outfall ditch and south of the pipeline easement. A future phase will add an additional 150 acre-feet of detention for further flood plain improvements and regional detention.											
PROJECT JUSTIFICATION											
In accordance with the City's Master Drainage Plan, there is a need for additional storage capacity along the Clear Creek Watershed to mitigate existing flooding and provide capacity for future development. This expansion will lower the 100-year water surface elevation of Clear Creek, alleviate existing flood plain issues, accommodate future development along McHard Road between Old Alvin and Pearland Parkway, and be able to provide detention for the expansion of the University of Houston Clear Lake - Pearland Campus and other potential city facilities on D.L. Smith site.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$88,036	\$88,036	\$88,036	\$88,036						\$88,036
Land/Right of Way											\$0
Design/Surveying		\$861,540	\$861,540				\$122,924	\$738,616			\$861,540
Construction		\$12,684,592	\$4,687,592					\$1,932,083	\$2,755,509		\$4,687,592
Equipment and Furniture											\$0
Contingency		\$217,070	\$217,070					\$72,043	\$145,027		\$217,070
TOTAL COSTS		\$13,851,238	\$5,854,238	\$88,036	\$88,036	\$0	\$122,924	\$2,742,742	\$2,900,536	\$0	\$5,854,238
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation		\$88,036	\$88,036	\$88,036	\$88,036						\$88,036
General Obligation Bonds		\$5,766,202	\$5,766,202				\$122,924	\$2,742,742	\$2,900,536		\$5,766,202
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$7,997,000									\$0
TOTAL SOURCES		\$13,851,238	\$5,854,238	\$88,036	\$88,036	\$0	\$122,924	\$2,742,742	\$2,900,536	\$0	\$5,854,238
¹ Explain & Identify Type of Other Sources: In kind services totaling \$7,997,000 from BCDD #4 for future phases. Assumes BCDD #4 will maintain.							Project Manager: Les Saberniak				
							Project's Approval Date: 6/22/2015				

**CITY OF PEARLAND
2016 - 2020 CAPITAL IMPROVEMENT PROGRAM
PARKS**

Project No.	Project Name	2016	2017	2018	2019	2020	TOTAL
P20001	Independence Park Phase I	1,906,803	1,522,460				3,429,263
P20004	Delores Fenwick Nature Center Phase I	790,122	1,335,531				2,125,653
P50071	Centennial Park Phase II	1,828,000					1,828,000
PK1401	Shadow Creek Ranch Trail	1,624,755					1,624,755
PK1402	Green Tee Terrace Trail	3,632,816					3,632,816
PK1801	PER for Future Bond Referendum			613,000			613,000
PK1802	Clear Creek Trail			751,640	5,495,248		6,246,888
PK1901	JHEC Nature Trails Phase II				997,500		997,500
PK1902	Park Equipment Recapitalization				500,000	500,000	1,000,000
PK1903	Shadow Creek Ranch Park Phase II				862,000	4,132,000	4,994,000
PK2001	Trail Connectivity Phase III					1,378,500	1,378,500
	TOTAL	\$ 9,782,496	\$ 2,857,991	\$ 1,364,640	\$ 7,854,748	\$ 6,010,500	\$ 27,870,375

SOURCE OF FUNDS	2016	2017	2018	2019	2020	TOTAL
General Revenue - Cash						
Certificates of Obligation	1,514,577	168,496	613,000	1,099,050		3,395,123
General Obligation Bonds	3,865,861	2,689,495				6,555,356
New/Proposed GO Bonds				2,359,500	5,810,500	8,170,000
P.E.D.C.						
W/S Revenue Bonds						
System Revenues - Cash						
Impact Fees - Cash						
Impact Fees - Debt						
Other Funding Sources	4,402,058		751,640	4,396,198	200,000	9,749,896
TOTAL	\$ 9,782,496	\$ 2,857,991	\$ 1,364,640	\$ 7,854,748	\$ 6,010,500	\$ 27,870,375

Note: The totals do not tie by year as the City sometimes appropriates funds for GO Bond projects in one year and then sells the bonds in the next year.



CITY OF PEARLAND

2016 - 2020

Capital Improvement Projects

Parks

- Clear Creek Trail
- Green Tee Terrace Trail
- JHEC Nature Trails
- Shadow Creek Ranch Trail
- Trail Connectivity Phase III
- Centennial Park Phase II
- Delores Fenwick Nature Center
- Independence Park Phase I
- Shadow Creek Ranch Park Phase II
- City Limits
- ETJ

1:63,360 or 1 in = 1 miles

0 0.5 1 2

Miles

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

MAP PREPARED: JULY 2015
CITY OF PEARLAND GIS DEPARTMENT

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Independence Park Phase I					P20001		1				
PROJECT DESCRIPTION					PROJECT IMAGE						
Phase I Improvements include a reorientation of the entry into the park, relocation and replacement of the existing playground, improvements to electrical & lighting along with minor architectural details in the existing pavilion, blast and repaint basketball court, the construction of additional parking, a small stage and sloped earthen berm type amphitheater for special events and landscaping.											
PROJECT JUSTIFICATION											
Independence Park is one of the oldest and most recognized parks that the City owns. According to the park utilization survey conducted with the master plan, this park had the second highest utilization of all City parks. Most of the current amenities at the park are outdated or in bad condition and are in need of replacement. This project was approved by voters in the 2007 Bond Program. The Master Plan lists improvements to this park as a high priority.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services		\$24,660	\$50,799	\$52,323	\$53,893						
Operation & Maintenance		\$3,230	\$6,783	\$7,122	\$7,478						
Capital Outlay											
Total Expense		\$27,890	\$57,582	\$59,445	\$61,371						
FTE Staff Total		1.0									
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$29,437	\$29,437	\$29,437	\$29,437						\$29,437
Land/Right of Way											\$0
Design/Surveying		\$240,000	\$240,000	\$179,810	\$179,810	\$60,190					\$240,000
Construction		\$3,069,073	\$3,069,073			\$1,816,613	\$1,252,460				\$3,069,073
Equipment and Furniture											\$0
Contingency		\$300,000	\$300,000			\$30,000	\$270,000				\$300,000
TOTAL COSTS		\$3,638,510	\$3,638,510	\$209,247	\$209,247	\$1,906,803	\$1,522,460	\$0	\$0	\$0	\$3,638,510
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation		\$197,933	\$197,933	\$29,437	\$29,437		\$168,496				\$197,933
General Obligation Bonds		\$3,354,577	\$3,354,577	\$179,810	\$179,810	\$1,820,803	\$1,353,964				\$3,354,577
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$86,000	\$86,000			\$86,000					\$86,000
TOTAL SOURCES		\$3,638,510	\$3,638,510	\$209,247	\$209,247	\$1,906,803	\$1,522,460	\$0	\$0	\$0	\$3,638,510
¹ Explain & Identify Type of Other Sources: Park land zone 11 \$86,000.						Project Manager: Andrea Brinkley					
						Project's Approval Date: 6/22/2015					

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Delores Fenwick Nature Center					P20004		2			
PROJECT DESCRIPTION					PROJECT IMAGE					
The project will include a building to demonstrate/program environmental educational displays, demonstration gardens, interpretive exhibits, offices, restrooms, a classroom with a 50 seat capacity, 400 sq. ft. of storage and pervious parking areas.										
PROJECT JUSTIFICATION										
There is a great need in the community to educate the public on the benefit of recycling, green space and trees. This project would give Pearland a unique opportunity to showcase JHEC as a learning opportunity for the entire community. Children/adults would be able to come and take classes and learn about the environment in a hands-on setting. This would provide an opportunity to showcase the entire concept of utilizing one site as multi purposing for parks, recreation, detention, education, recycling, and environmental park.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services			\$88,429	\$182,163	\$187,628					
Operation & Maintenance			\$53,166	\$101,953	\$107,051					
Capital Outlay			\$44,254							
Total Expense			\$185,849	\$284,116	\$294,679					
FTE Staff Total			3.0							
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$25,000	\$25,000	\$25,000	\$25,000						\$25,000
Land/Right of Way										\$0
Design/Surveying	\$212,096	\$212,096	\$158,000	\$158,000	\$54,096					\$212,096
Construction	\$1,928,153	\$1,928,153			\$736,026	\$1,192,127				\$1,928,153
Equipment and Furniture	\$50,000	\$50,000				\$50,000				\$50,000
Contingency	\$93,404	\$93,404				\$93,404				\$93,404
TOTAL COSTS	\$2,308,653	\$2,308,653	\$183,000	\$183,000	\$790,122	\$1,335,531	\$0	\$0	\$0	\$2,308,653
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation	\$25,000	\$25,000	\$25,000	\$25,000						\$25,000
General Obligation Bonds	\$2,283,653	\$2,283,653	\$39,150	\$158,000	\$790,122	\$1,335,531				\$2,283,653
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -										\$0
TOTAL SOURCES	\$2,308,653	\$2,308,653	\$64,150	\$183,000	\$790,122	\$1,335,531	\$0	\$0	\$0	\$2,308,653
Explain & Identify Type of Other Sources: Possible grant funding in the amount of \$500,000 from HGAC.						Project Manager: Jennifer Lee				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Centennial Park Phase II					P50071		1				
PROJECT DESCRIPTION					PROJECT IMAGE						
Phase II of Centennial Park includes the demolition of the existing soccer fields, the construction of two new lighted softball fields, the installation of a new picnic pavilion and additional parking for the complex.											
PROJECT JUSTIFICATION											
Once the Hickory Slough Sports Complex is completed, youth and adult soccer will move from Centennial Park to Max Road where the program can be expanded. The existing soccer fields will be demolished and converted to lighted softball fields. Additional softball fields will allow for the expansion of the girls softball program. Adult softball will ultimately move to the Shadow Creek Ranch Complex once completed to make room for girls softball.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000						
Personnel Services											
Operation & Maintenance	\$56,966	\$76,045	\$76,118	\$76,118	\$76,118						
Capital Outlay											
Total Expense	\$56,966	\$76,045	\$76,118	\$76,118	\$76,118						
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$207,000	\$207,000	\$207,000	\$207,000						\$207,000
Land/Right of Way		\$495	\$495	\$495	\$495						\$495
Design/Surveying		\$147,000	\$147,000	\$147,000	\$147,000						\$147,000
Construction		\$2,228,000	\$2,228,000	\$1,189,858	\$400,000	\$1,828,000					\$2,228,000
Equipment and Furniture											\$0
Contingency		\$183,800	\$183,800	\$183,800	\$183,800						\$183,800
TOTAL COSTS		\$2,766,295	\$2,766,295	\$1,728,153	\$938,295	\$1,828,000	\$0	\$0	\$0	\$0	\$2,766,295
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash		\$495	\$495	\$495	\$495						\$495
Certificates of Obligation		\$573,064	\$573,064			\$573,064					\$573,064
General Obligation Bonds		\$2,042,736	\$2,042,736	\$1,727,658	\$787,800	\$1,254,936					\$2,042,736
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$150,000	\$150,000		\$150,000						\$150,000
TOTAL SOURCES		\$2,766,295	\$2,766,295	\$1,728,153	\$938,295	\$1,828,000	\$0	\$0	\$0	\$0	\$2,766,295
¹ Explain & Identify Type of Other Sources: Park Zone 7. Potential TPWD grant \$400,000.							Project Manager: Cara Davis				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Shadow Creek Ranch Trail					PK1401		3			
PROJECT DESCRIPTION					PROJECT IMAGE					
Construction of a 10 foot wide hike and bike trail along the southern bank of Clear Creek beginning on the east side of Kingsley Drive and extending east approximately 1,300 feet terminating at Kirby Drive. Project will include shaded seating areas, bike facilities, educational and/or themed signage and may include improvements to the existing trail head parking area.										
PROJECT JUSTIFICATION										
The Parks and Recreation Plan that was adopted by Council in December of 2005 lists the hike and bike trails as the number one priority for acquisition and development. This project is included in the 2013-2014 TIP and will be 80% federally funded.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance		\$4,379	\$6,130	\$6,436	\$6,758					
Capital Outlay										
Total Expense		\$4,379	\$6,130	\$6,436	\$6,758					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way	\$115,733	\$115,733	\$115,733	\$115,733						\$115,733
Design/Surveying	\$194,970	\$194,970	\$194,970	\$194,970						\$194,970
Construction	\$1,624,755	\$1,624,755			\$1,624,755					\$1,624,755
Equipment and Furniture										\$0
Contingency										\$0
TOTAL COSTS	\$1,935,458	\$1,935,458	\$310,703	\$310,703	\$1,624,755	\$0	\$0	\$0	\$0	\$1,935,458
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash	\$38,994	\$38,994	\$38,994	\$38,994						\$38,994
Certificates of Obligation	\$324,951	\$324,951			\$324,951					\$324,951
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$1,571,513	\$1,571,513	\$271,709	\$271,709	\$1,299,804					\$1,571,513
TOTAL SOURCES	\$1,935,458	\$1,935,458	\$310,703	\$310,703	\$1,624,755	\$0	\$0	\$0	\$0	\$1,935,458
Explain & Identify Type of Other Sources: Transportation Improvement Program funds in the amount of \$1,548,366; City must provide 20% matching funds. \$9,552 from park land fees - zone 1						Project Manager: Cara Davis				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Green Tee Terrace Trail					PK1402		4			
PROJECT DESCRIPTION					PROJECT IMAGE					
Extension of a 10-foot hike and bike trail along the Clear Creek Corridor. Project includes benches, bike racks, trail signage, trash receptacles, water fountains, shade structures, and a pedestrian bridge over Clear Creek.										
PROJECT JUSTIFICATION										
The Parks and Recreation Plan that was adopted by Council in December 2005, lists the hike and bike trails as the number one priority for acquisition and development. This project is included in the 2013-2014 TIP and will be 80% federally funded.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance		\$3,077	\$6,461	\$6,784	\$7,123					
Capital Outlay										
Total Expense		\$3,077	\$6,461	\$6,784	\$7,123					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way	\$105,183	\$105,183	\$105,183	\$105,183						\$105,183
Design/Surveying	\$435,937	\$435,937	\$435,937	\$435,937						\$435,937
Construction	\$3,632,816	\$3,632,816			\$3,632,816					\$3,632,816
Equipment and Furniture										\$0
Contingency										\$0
TOTAL COSTS	\$4,173,936	\$4,173,936	\$541,120	\$541,120	\$3,632,816	\$0	\$0	\$0	\$0	\$4,173,936
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash	\$20,487	\$20,487	\$20,487	\$20,487						\$20,487
Certificates of Obligation	\$616,562	\$616,562			\$616,562					\$616,562
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$3,536,887	\$3,536,887	\$520,633	\$520,633	\$3,016,254					\$3,536,887
TOTAL SOURCES	\$4,173,936	\$4,173,936	\$541,120	\$541,120	\$3,632,816	\$0	\$0	\$0	\$0	\$4,173,936
Explain & Identify Type of Other Sources: Transportation Improvement Program funds in the amount of \$3,339,150; City must provide 20% matching funds. Zone 11 \$9,000 and Zone 10 \$167,500						Project Manager: Les Saberniak				
						Project's Approval Date:				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
PER for Future Bond Referendum					PK1801		6				
PROJECT DESCRIPTION					PROJECT IMAGE						
Provide funding for preliminary engineering on future projects yet to be identified that would be funded with the City's next bond referendum. Preliminary engineering would tighten down scopes and provide for estimated construction dollars that would be needed to take a proposition to the voters.											
PROJECT JUSTIFICATION											
Parks Master Plan being updated in FY 2015, a list of potential future projects and needs will be determined.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)											
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$613,000	\$613,000					\$613,000			\$613,000
Land/Right of Way											\$0
Design/Surveying											\$0
Construction											\$0
Equipment and Furniture											\$0
Contingency											\$0
TOTAL COSTS		\$613,000	\$613,000	\$0	\$0	\$0	\$0	\$613,000	\$0	\$0	\$613,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation		\$613,000	\$613,000					\$613,000			\$613,000
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -											\$0
TOTAL SOURCES		\$613,000	\$613,000	\$0	\$0	\$0	\$0	\$613,000	\$0	\$0	\$613,000
*Explain & Identify Type of Other Sources:							Project Manager: Projects				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Clear Creek Trail					PK1802		5			
PROJECT DESCRIPTION					PROJECT IMAGE					
Construction of a 10 foot wide concrete hike and bike trail from a starting point on FM518 at Country Club Drive to Province Village then to follow the west side of the Clear Creek, crossing the creek to the east side and proceeding north crossing beneath Hughes Road and proceeding to the El Franco Lee Park then crossing back over Clear Creek and beneath the Pearland Parkway bridge then turning south to the University of Houston campus. This trail will include a nature or historical theme with points of interest signage and include two pedestrian bridges.										
PROJECT JUSTIFICATION										
This project is an extension of the Trail Master Plan and the first major component to be constructed on the north side of Broadway and would eventually tie into the future segment planned for the banks of Clear Creek and across the northern boundaries of the City.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance					\$9,384					
Capital Outlay										
Total Expense					\$9,384					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way	\$110,250	\$110,250					\$110,250			\$110,250
Design/Surveying	\$641,390	\$641,390					\$641,390			\$641,390
Construction	\$5,495,248	\$5,495,248						\$5,495,248		\$5,495,248
Equipment and Furniture										\$0
Contingency										\$0
TOTAL COSTS	\$6,246,888	\$6,246,888	\$0	\$0	\$0	\$0	\$751,640	\$5,495,248	\$0	\$6,246,888
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation	\$1,099,050	\$1,099,050						\$1,099,050		\$1,099,050
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$5,147,838	\$5,147,838					\$751,640	\$4,396,198		\$5,147,838
TOTAL SOURCES	\$6,246,888	\$6,246,888	\$0	\$0	\$0	\$0	\$751,640	\$5,495,248	\$0	\$6,246,888
Explain & Identify Type of Other Sources: This project was submitted for 2015-19 HGAC TIP if selected it will receive 80% funding. Park zone 9 \$150,328.							Project Manager: Les Saberniak			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
JHEC Nature Trails Phase II					PK1901		7				
PROJECT DESCRIPTION					PROJECT IMAGE						
Project includes 8 ft. trails, being a combination of crushed granite and concrete in low lying areas, picnic tables, benches, trash receptacles, drinking fountain, and interpretive signage.											
PROJECT JUSTIFICATION											
The overall vision for this particular area was to provide an area that provides access to nature in a suburban setting, provide for recreation opportunities and provide a facility for environmental/nature education and awareness. It will also be a showcase facility displaying the multi-use of both a detention pond and water treatment plant effluent to create a usable park and open space for the community. Because appropriate grant money became available through the County coupled with trails appearing as a number one priority in citizen surveys for many years, the City has proceeded with acting on the vision of creating the trail portion of the project using the money made available.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)											
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											\$53,893
Operation & Maintenance											\$3,977
Capital Outlay											\$21,075
Total Expense											\$78,945
FTE Staff Total											1.0
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
FY PROJECTED ALLOCATIONS											
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL	
Prelim. Engineering Report										\$0	
Land/Right of Way										\$0	
Design/Surveying										\$0	
Construction	\$766,500	\$766,500						\$766,500		\$766,500	
Equipment and Furniture	\$73,500	\$73,500						\$73,500		\$73,500	
Contingency	\$157,500	\$157,500						\$157,500		\$157,500	
TOTAL COSTS	\$997,500	\$997,500	\$0	\$0	\$0	\$0	\$0	\$997,500	\$0	\$997,500	
FY PROJECTED FUNDING SOURCES											
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL	
General Revenue - Cash										\$0	
Certificates of Obligation										\$0	
General Obligation Bonds										\$0	
New/Proposed GO Bonds	\$997,500	\$997,500						\$997,500		\$997,500	
PEDC										\$0	
W/S Revenue Bonds										\$0	
System Revenue - Cash										\$0	
Impact Fees - Cash										\$0	
Impact Fees - Debt										\$0	
Other Funding Sources ¹ -										\$0	
TOTAL SOURCES	\$997,500	\$997,500	\$0	\$0	\$0	\$0	\$0	\$997,500	\$0	\$997,500	
Explain & Identify Type of Other Sources: Possible application for Restore Act funds.						Project Manager: Andrea Brinkley					
						Project's Approval Date: 6/22/2015					

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Park Equipment Recapitalization					PK1902		10				
PROJECT DESCRIPTION					PROJECT IMAGE						
A recapitalization program to update an aging Parks Infrastructure and Amenity inventory. Updated features will include playgrounds, shade structures, safety surfaces, and standalone comfort amenities such as tables, benches, and receptacles.											
PROJECT JUSTIFICATION											
As our population base grows, proportionally the use and wear on our assets grows along with it. A proactive decision to maintain a safe and desirable park infrastructure is a trademark of a signature community.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget <input type="checkbox"/> No <input type="checkbox"/> Yes (See Below)											
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report											\$0
Land/Right of Way											\$0
Design/Surveying											\$0
Construction											\$0
Equipment and Furniture		\$2,500,000	\$2,500,000						\$500,000	\$500,000	\$1,000,000
Contingency											\$0
TOTAL COSTS		\$2,500,000	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds		\$2,500,000	\$2,500,000						\$500,000	\$500,000	\$1,000,000
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -											\$0
TOTAL SOURCES		\$2,500,000	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000
Explain & Identify Type of Other Sources:							Project Manager: TBD				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Shadow Creek Ranch Park Phase II					PK1903		8				
PROJECT DESCRIPTION					PROJECT IMAGE						
Phase II project elements based on updated Parks Master Plan.											
PROJECT JUSTIFICATION											
The Parks and Recreation Master Plan calls for a multipurpose sports complex in this area of the community to serve the anticipated growth of the area.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget											
					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report											\$0
Land/Right of Way											\$0
Design/Surveying		\$862,000	\$862,000						\$862,000		\$862,000
Construction		\$7,186,000	\$7,186,000							\$3,593,000	\$3,593,000
Equipment and Furniture											\$0
Contingency		\$1,078,000	\$1,078,000							\$539,000	\$539,000
TOTAL COSTS		\$9,126,000	\$9,126,000	\$0	\$0	\$0	\$0	\$0	\$862,000	\$4,132,000	\$4,994,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds		\$9,126,000	\$9,126,000						\$862,000	\$4,132,000	\$4,994,000
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -											\$0
TOTAL SOURCES		\$9,126,000	\$9,126,000	\$0	\$0	\$0	\$0	\$0	\$862,000	\$4,132,000	\$4,994,000
Explain & Identify Type of Other Sources: Future Bond Referendum. Construction to be allocated in 2020 and 2021.							Project Manager: Cara Davis				
							Project's Approval Date: 6/22/2015				

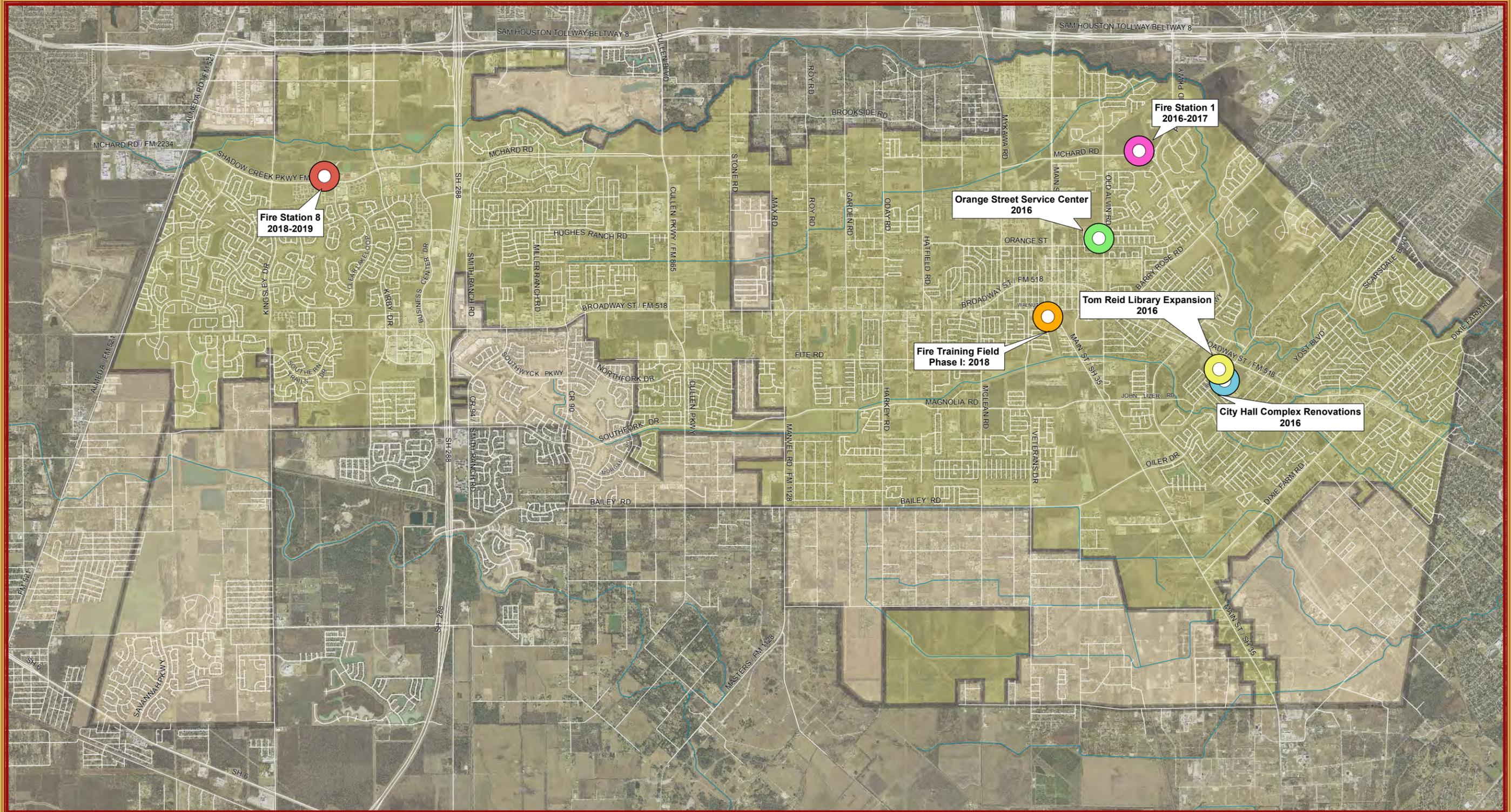
PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Trail Connectivity Phase III					PK2001		11				
PROJECT DESCRIPTION					PROJECT IMAGE						
Implement phases of the Hike and Bike Master Plan. Phase III is scheduled in 2019 and will run from SH35 along the south side of Walmart to West of Old Alvin Rd connecting with an existing trail that runs east of Old Alvin to Clear Creek.											
PROJECT JUSTIFICATION											
The Parks and Recreation Plan that was adopted by Council in December of 2005 lists the hike and bike trails as the number one priority for acquisition and development.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget											
					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report											\$0
Land/Right of Way											\$0
Design/Surveying		\$276,000	\$276,000							\$276,000	\$276,000
Construction		\$1,102,500	\$1,102,500							\$1,102,500	\$1,102,500
Equipment and Furniture											\$0
Contingency											\$0
TOTAL COSTS		\$1,378,500	\$1,378,500	\$0	\$0	\$0	\$0	\$0	\$0	\$1,378,500	\$1,378,500
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds		\$1,178,500	\$1,178,500							\$1,178,500	\$1,178,500
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$200,000	\$200,000							\$200,000	\$200,000
TOTAL SOURCES		\$1,378,500	\$1,378,500	\$0	\$0	\$0	\$0	\$0	\$0	\$1,378,500	\$1,378,500
Explain & Identify Type of Other Sources: Potential Texas Parks and Wildlife Trails Grant Funding - \$200,000.							Project Manager: Cara Davis				
							Project's Approval Date: 6/22/2015				

**CITY OF PEARLAND
2016 - 2020 CAPITAL IMPROVEMENT PROGRAM
FACILITIES**

Project No.	Project Name	2016	2017	2018	2019	2020	TOTAL
F20002	Tom Reid Library Expansion	4,343,300					4,343,300
FA0904	City Hall Complex Renovations	5,245,081					5,245,081
FA1404	Orange Street Service Center	3,800,100					3,800,100
FA1501	Fire Station #8			650,000	6,259,210		6,909,210
FA1601	Fire Station #1	405,000	3,778,000				4,183,000
FA1901	Fire Training Field Phase I				500,000		500,000
	TOTAL	\$ 13,793,481	\$ 3,778,000	\$ 650,000	\$ 6,759,210	\$ -	\$ 24,980,691

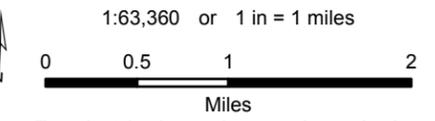
SOURCE OF FUNDS	2016	2017	2018	2019	2020	TOTAL
General Revenue - Cash						
Certificates of Obligation	10,665,006	3,778,000	650,000			15,093,006
General Obligation Bonds	3,108,225					3,108,225
New/Proposed GO Bonds				6,759,210		6,759,210
P.E.D.C.						
W/S Revenue Bonds						
System Revenues - Cash						
Impact Fees - Cash						
Impact Fees - Debt						
Other Funding Sources	20,250					20,250
TOTAL	\$ 13,793,481	\$ 3,778,000	\$ 650,000	\$ 6,759,210	\$ -	\$ 24,980,691

Note: The totals do not tie by year as the City sometimes appropriates funds for GO Bond projects in one year and then sells the bonds in the next year.



CITY OF PEARLAND
2016 - 2020
Capital Improvement Projects
Facilities

-  Fire Station 8
-  Fire Station 1
-  Fire Training Field
-  City Limits
-  Orange Street Service Center
-  City Hall Complex Renovations
-  Tom Reid Library Expansion
-  ETJ



This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

MAP PREPARED: JULY 2015
 CITY OF PEARLAND GIS DEPARTMENT

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Tom Reid Library Expansion					F20002		1			
PROJECT DESCRIPTION					PROJECT IMAGE					
The library expansion will increase the now 20,584 sf building by 8,174 sf for an overall floor plan area of 28,758 sf. This expansion will create new areas in the library such as a bookstore, children's story time room, teen zone, computer labs and additional office/storage space. Renovations and enlargements of existing areas such as the circulation desk and book stacks are also included. Additional scope includes replacement of three existing HVAC units and replacement of the entire roof.										
PROJECT JUSTIFICATION										
The significant population growth of Pearland has created a need for a larger children's area and adult meeting room to conduct activities, more stack area for books, and improved computer access. Increasing maintenance costs for outdated non-energy efficient HVAC equipment support replacement at this time. Roof is now 15 +/- years old and should not patch into new areas - replace all.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance		\$90,382	\$90,382	\$90,382	\$90,382					
Capital Outlay										
Total Expense		\$90,382	\$90,382	\$90,382	\$90,382					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$35,260	\$35,260	\$35,260	\$35,260						\$35,260
Land/Right of Way										\$0
Design/Surveying	\$316,775	\$316,775	\$230,400	\$316,775						\$316,775
Construction	\$4,005,300	\$4,005,300	\$3,303,900		\$4,005,300					\$4,005,300
Equipment and Furniture	\$50,000	\$50,000			\$50,000					\$50,000
Contingency	\$288,000	\$288,000	\$288,000		\$288,000					\$288,000
TOTAL COSTS	\$4,695,335	\$4,695,335	\$3,857,560	\$352,035	\$4,343,300	\$0	\$0	\$0	\$0	\$4,695,335
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation	\$1,285,335	\$1,285,335	\$447,560	\$35,260	\$1,235,075					\$1,270,335
General Obligation Bonds	\$3,395,000	\$3,395,000	\$882,600	\$301,775	\$3,108,225					\$3,410,000
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$15,000	\$15,000	\$15,000	\$15,000						\$15,000
TOTAL SOURCES	\$4,695,335	\$4,695,335	\$1,345,160	\$352,035	\$4,343,300	\$0	\$0	\$0	\$0	\$4,695,335
Explain & Identify Type of Other Sources: From Fund 50						Project Manager: Cara Davis				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
City Hall Complex Renovations					FA0904		2			
PROJECT DESCRIPTION					PROJECT IMAGE					
The existing Community Center was constructed in 1983 and City Hall in 1986. Departmental Space Programming was completed in 2014. This program incorporates the remodel of approximately 23,110 square feet of the former Community Center for Community Development and Finance & UB departments, renovations to the HVAC, Electrical and Plumbing systems and the installation of a sprinkler system for that building. It includes the remodel of 27,800 square feet in City Hall, the replacement of HVAC systems, including modifications to the Council Chambers, Administration, City Secretary, Legal, HR and Receptionist spaces and will include security and safety (exterior lighting) improvements for both buildings.										
PROJECT JUSTIFICATION										
Increased demands for secure public contact and a more effective and efficient use of existing space for Community Development. Finance Department growth and specifically related activities require consolidation of the personnel and those activities in a single building. Greater public access is provided by moving the Administration and City Secretary to the first floor of City Hall and efficiencies are created by moving Legal and Communications into proximity with Admin. Current HVAC equipment is long past the useful life expectancy and requires replacement. Remodeling the existing facilities will provide space for staff growth through build-out and can be performed at less than one third the cost of building a new facility.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$89,204	\$89,204	\$40,945	\$89,204						\$89,204
Land/Right of Way										\$0
Design/Surveying	\$407,600	\$407,600	\$320,586	\$407,600						\$407,600
Construction	\$4,772,003	\$4,772,003	\$4,122,411	\$87,822	\$4,684,181					\$4,772,003
Equipment and Furniture	\$255,770	\$255,770	\$97,941	\$55,770	\$200,000					\$255,770
Contingency	\$360,900	\$360,900	\$360,900		\$360,900					\$360,900
TOTAL COSTS	\$5,885,477	\$5,885,477	\$4,942,783	\$640,396	\$5,245,081	\$0	\$0	\$0	\$0	\$5,885,477
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation	\$5,624,831	\$5,624,831	\$4,859,230	\$400,000	\$5,224,831					\$5,624,831
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$260,646	\$260,646	\$83,553	\$240,396	\$20,250					\$260,646
TOTAL SOURCES	\$5,885,477	\$5,885,477	\$4,942,783	\$640,396	\$5,245,081	\$0	\$0	\$0	\$0	\$5,885,477
Explain & Identify Type of Other Sources: Remaining Fund balance, Funds 50 and 201. FY 2016 other funding from the PEC channel for construction of the in-house studio for municipal programming.						Project Manager: Jennifer Lee				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Orange Street Service Center Phase 1					FA1404		3				
PROJECT DESCRIPTION					PROJECT IMAGE						
Phase 1 of the project will consist of a new 10-12,000 SF office facility to house an estimated 150 staff to include the Assistant City Manager, Public Works Administration, Engineering and Projects Department. This building will replace the existing office area that was built before windstorm requirements and no longer can meet many of the current life safety and ADA codes. This phase will also structurally upgrade and remodel one or more of the existing out-buildings to provide a new lunch room/kitchen/training area, locker rooms and showers, and crew support facility.											
PROJECT JUSTIFICATION											
The Orange Street facility has not been updated in over ten years. Departmental administrative staff levels have changed and grown over this period and staff are being officed out of poorly constructed facilities in the attached areas of the Admin building or in makeshift offices throughout the yard area. Reconstruction of office facilities will allow consolidation of division superintendents, support staff and admin. New construction will be designed to meet current occupancy and wind storm codes.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget											
					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$98,900	\$98,900		\$98,900						\$98,900
Land/Right of Way		\$0	\$0								\$0
Design/Surveying		\$330,000	\$330,000	\$240,000	\$330,000						\$330,000
Construction		\$3,300,000	\$3,300,000	\$1,820,000		\$3,300,000					\$3,300,000
Equipment and Furniture		\$200,000	\$200,000	\$150,000		\$200,000					\$200,000
Contingency		\$300,100	\$300,100	\$200,000		\$300,100					\$300,100
TOTAL COSTS		\$4,229,000	\$4,229,000	\$2,410,000	\$428,900	\$3,800,100	\$0	\$0	\$0	\$0	\$4,229,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation		\$4,229,000	\$4,229,000	\$2,410,000	\$428,900	\$3,800,100					\$4,229,000
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -											\$0
TOTAL SOURCES		\$4,229,000	\$4,229,000	\$2,410,000	\$428,900	\$3,800,100	\$0	\$0	\$0	\$0	\$4,229,000
Explain & Identify Type of Other Sources: Move funding from Hillhouse Phase II \$1,819,000 to this project.							Project Manager: Susan Johnson				
							Project's Approval Date: 6/22/2015				

PROJECT NAME		PROJECT #	PREFERENCE ORDER							
Fire Station #8		FA1501	4							
PROJECT DESCRIPTION		PROJECT IMAGE								
Construction of approximately 15,000 sq. ft. fire station designed to house two 4 person engine crews, one 4 person ladder crew and one 2 person ambulance crew. The station will include 14 dorm rooms, 4 restrooms with showers, a kitchen/dining area, a day room, a Captain's office and Lieutenant's office, a conference/training room, an EMS decontamination area and an exercise room along with storage areas for bunker gear, medical supplies. The facility will be constructed to 140 mph 3 second gust wind load standards and will include four 80 feet deep drive through equipment bays and adequate parking for full staffing on 24/7 operation.										
PROJECT JUSTIFICATION										
Provide Fire and EMS services at a location that will improve response times. In addition, the new station will accommodate a 24-hour operation and will add EMS housing. This station is based on the Fire Station Location Plan approved in February 2012. Fire Station #8 is a combination of previously proposed Fire Station #8 and Fire Station #9. Fire Station #8 may be located in the vicinity of Shadow Creek Parkway and Reflection Bay Drive.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)								
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										\$234,255
Operation & Maintenance										\$33,059
Capital Outlay				\$1,900,000						
Total Expense				\$1,900,000						\$267,314
FTE Staff Total										10.0
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS							
		CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$48,900	\$48,900	\$6,800	\$6,800			\$42,100			\$48,900
Land/Right of Way	\$100,000	\$100,000					\$100,000			\$100,000
Design/Surveying	\$507,900	\$507,900					\$507,900			\$507,900
Construction	\$5,244,210	\$5,244,210						\$5,244,210		\$5,244,210
Equipment and Furniture	\$210,000	\$210,000						\$210,000		\$210,000
Contingency	\$805,000	\$805,000						\$805,000		\$805,000
TOTAL COSTS	\$6,916,010	\$6,916,010	\$6,800	\$6,800	\$0	\$0	\$650,000	\$6,259,210	\$0	\$6,916,010
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES							
		CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation	\$656,800	\$656,800	\$6,800	\$6,800			\$650,000			\$656,800
General Obligation Bonds										\$0
New/Proposed GO Bonds	\$6,259,210	\$6,259,210						\$6,259,210		\$6,259,210
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -										\$0
TOTAL SOURCES	\$6,916,010	\$6,916,010	\$6,800	\$6,800	\$0	\$0	\$650,000	\$6,259,210	\$0	\$6,916,010
¹ Explain & Identify Type of Other Sources: Funds for the PER (\$6,800) were transferred from Fire Station #2.							Project Manager: Cara Davis			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Fire Station #1					FA1601		6				
PROJECT DESCRIPTION					PROJECT IMAGE						
Construction of approximately 8,500 sq. ft. station to house one 4-person Engine Crew and one 2-person EMS Ambulance Crew. Station will include 6 dorm rooms, 2 restrooms with showers, and a kitchen dining area, a dayroom, a station command office, and exercise room. Equipment area will consist of 2-80 foot deep drive-thru apparatus bays, a bunker gear storage area, medical supply storage, and an EMS decontamination area. Facility will be located on McHard Road near Pearland Parkway on City owned land. The building will be designed to add a third 80-foot deep apparatus bay in the future.											
PROJECT JUSTIFICATION											
Replaces a station that will be approximately 48 years old at a location that will improve response times. In addition, the new station will better accommodate a 24-hour operation and will add EMS housing.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance			\$78,284	\$81,504	\$92,264						
Capital Outlay											
Total Expense			\$78,284	\$81,504	\$92,264						
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report											\$0
Land/Right of Way											\$0
Design/Surveying		\$405,000	\$405,000			\$405,000					\$405,000
Construction		\$3,213,000	\$3,213,000				\$3,213,000				\$3,213,000
Equipment and Furniture		\$105,000	\$105,000				\$105,000				\$105,000
Contingency		\$460,000	\$460,000				\$460,000				\$460,000
TOTAL COSTS		\$4,183,000	\$4,183,000	\$0	\$0	\$405,000	\$3,778,000	\$0	\$0	\$0	\$4,183,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation		\$4,183,000	\$4,183,000			\$405,000	\$3,778,000				\$4,183,000
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -											\$0
TOTAL SOURCES		\$4,183,000	\$4,183,000	\$0	\$0	\$405,000	\$3,778,000	\$0	\$0	\$0	\$4,183,000
*Explain & Identify Type of Other Sources:							Project Manager: Andrea Brinkley				
							Project's Approval Date: 6/22/2015				

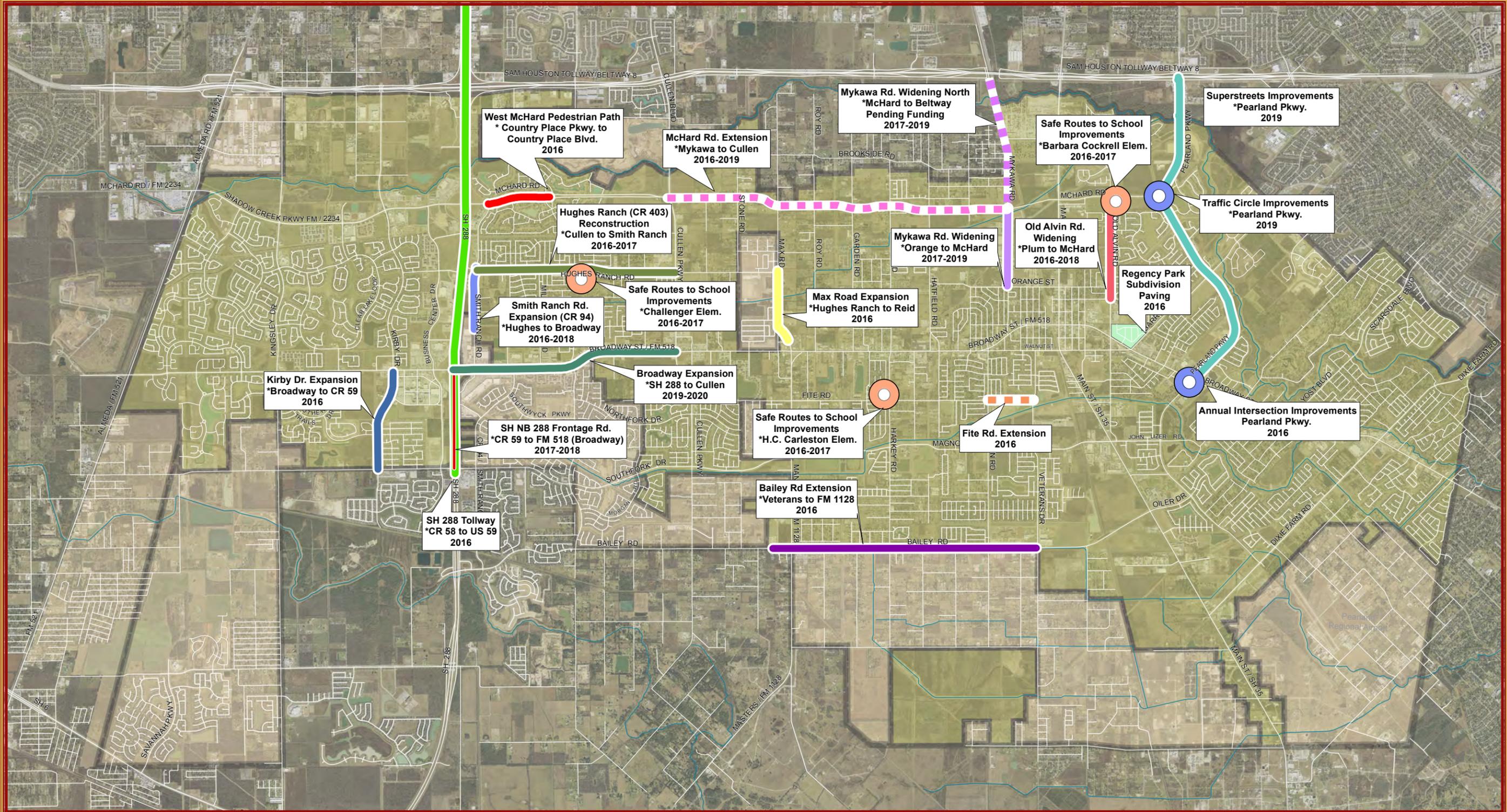
PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Fire Training Field Phase I					FA1901		7			
PROJECT DESCRIPTION					PROJECT IMAGE					
Construction of a multi-story burn building located on existing land east of the Fire & EMS Admin building.										
PROJECT JUSTIFICATION										
This project is a continuation from the Pearland Volunteer Fire Department, Inc. who previously funded the project. This will allow additional initial training and continuing education training opportunities for the Fire Department and surrounding area departments.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way										\$0
Design/Surveying	\$50,000	\$50,000						\$50,000		\$50,000
Construction	\$450,000	\$450,000						\$450,000		\$450,000
Equipment and Furniture										\$0
Contingency										\$0
TOTAL COSTS	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds	\$500,000	\$500,000						\$500,000		\$500,000
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -										\$0
TOTAL SOURCES	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000
Explain & Identify Type of Other Sources:							Project Manager: TBD			
							Project's Approval Date: 6/22/2015			

**CITY OF PEARLAND
2016 - 2020 CAPITAL IMPROVEMENT PROGRAM
STREETS**

Project No.	Project Name	2016	2017	2018	2019	2020	TOTAL
T08002	Bailey Road Extension - Veterans to FM 1128	18,244,345					18,244,345
T20002	Old Alvin Rd Widening - Plum Street to McHard Road	1,514,800	6,753,670	3,014,892			11,283,362
TR0601	Mykawa Road Widening - Orange to McHard		1,341,601	4,584,982	7,691,778		13,618,361
TR1201	Hughes Ranch Road (CR 403) - Cullen to Smith Ranch	17,344,591	8,808,945				26,153,536
TR1202	Fite Road Extension - Veterans to McLean	3,631,172					3,631,172
TR1205	Max Road Expansion - Hughes Ranch to Reid Blvd.	1,550,000					1,550,000
TR1402	Regency Park Subdivision Paving	1,240,790					1,240,790
TR1404	Kirby Drive Expansion - Broadway to CR 59	1,066,260					1,066,260
TR1405	McHard Road Extension - Mykawa Road to Cullen Parkway	4,378,289	11,444,187	20,964,118	3,272,000		40,058,594
TR1407	SH288 Tollway - CR 58 to US 59						
TR1501	Smith Ranch Road Expansion (CR 94) - Hughes Ranch to Broadway	916,803	82,167	4,393,386			5,392,356
TR1601	Intersection Improvements	375,000	353,000	353,000	353,000	353,000	1,787,000
TR1602	Safe Routes to School Improvements	1,477,952	1,260,551				2,738,503
TR1603	West McHard Pedestrian Path	371,037					371,037
TR1701	SH 288 Northbound Frontage Road - CR 59 to FM 518 (Broadway)		1,380,266	8,433,703			9,813,969
TR1801	PER for Future Bond Referendum			750,000			750,000
TR1901	Broadway Expansion - SH 288 to Cullen				275,000	5,450,000	5,725,000
TR1902	Pearland Parkway Traffic Circle Improvements				2,000,000		2,000,000
TR1903	Pearland Parkway Superstreet Improvements				2,300,000		2,300,000
TR1904	Street Reconstruction				2,175,000	2,175,000	4,350,000
	TOTAL	\$ 52,111,039	\$ 31,424,387	\$ 42,494,081	\$ 18,066,778	\$ 7,978,000	\$ 152,074,285

SOURCE OF FUNDS	2016	2017	2018	2019	2020	TOTAL
General Revenue - Cash		353,000	353,000	353,000	353,000	1,412,000
Certificates of Obligation	439,222	671,796	2,436,741			3,547,759
General Obligation Bonds	13,774,550	12,516,289	13,544,611	9,932,678		49,768,128
New/Proposed GO Bonds				6,502,500	2,720,000	9,222,500
P.E.D.C.						
W/S Revenue Bonds						
System Revenues - Cash						
Impact Fees - Cash						
Impact Fees - Debt						
Other Funding Sources	37,744,314	17,883,302	26,159,729	1,278,600	4,905,000	87,970,945
<i>Plus Bonds Sold in Prior Years</i>						152,953
TOTAL	\$ 51,958,086	\$ 31,424,387	\$ 42,494,081	\$ 18,066,778	\$ 7,978,000	\$ 152,074,285

Note: The totals do not tie by year as the City sometimes appropriates funds for GO Bond projects in one year and then sells the bonds in the next year.



CITY OF PEARLAND

2016 - 2020

Capital Improvement Projects

Streets

- | | | | |
|----------------------------------|--|--|---|
| Kirby Drive Expansion | Mykawa Road Widening North | Fite Road Extension | City Limits |
| SH 288 Tollway | Mykawa Road Widening | Bailey Road Improvement | ETJ |
| Hughes Ranch Road Reconstruction | Smith Ranch Road Expansion | Old Alvin Road Widening | Annual Intersection & Traffic Circle Improvements |
| Broadway Expansion | McHard Road Extension | Pearland Pkwy. Superstreets Improvements | Safe Routes to School Improvements |
| SH 288 Northbound Frontage Rd. | West McHard Pedestrian Path | Regency Park Subdivision Paving | |
| Max Road Widening | <i>* Street Reconstruction: 2019-2020 (Not Shown on Map)</i> | | |

1:63,360 or 1 in = 1 miles

Miles

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

MAP PREPARED: JULY 2015
CITY OF PEARLAND GIS DEPARTMENT

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Bailey Road Extension - Veterans to FM 1128					T08002		1				
PROJECT DESCRIPTION					PROJECT IMAGE						
The extension of approximately 2.76 miles of four-lane concrete curb and gutter divided boulevard with raised medians, curb and gutter, underground drainage, street lighting and landscaping from approximately 1,300 feet west of FM 1128 to Veterans Drive. The project includes the full build out of the Bailey Intersection at FM1128. Detention has been provided in the Cowart's Creek Diversion project.											
PROJECT JUSTIFICATION											
Four lane boulevard segment will provide an additional east/west major thoroughfare corridor across the southern portion of the city, accommodate increased school traffic, and complete drainage improvements along this area of Cowart Creek. The project was selected by H-GAC to receive 80% federal funding for construction through the 2013 TIP. Design is complete and construction scheduled to begin in early 2015.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)											
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance		\$80,611	\$84,642	\$88,874	\$93,318						
Capital Outlay											
Total Expense		\$80,611	\$84,642	\$88,874	\$93,318						
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report											\$0
Land/Right of Way		\$2,528,005	\$2,528,005	\$3,218,675	\$2,528,005						\$2,528,005
Design/Surveying		\$2,334,725	\$2,334,725	\$2,163,000	\$2,334,725						\$2,334,725
Construction		\$28,309,003	\$28,309,003	\$9,856,361	\$10,064,658	\$18,244,345					\$28,309,003
Equipment and Furniture											\$0
Contingency		\$140,000	\$140,000	\$204,577	\$140,000						\$140,000
TOTAL COSTS		\$33,311,733	\$33,311,733	\$15,442,613	\$15,067,388	\$18,244,345	\$0	\$0	\$0	\$0	\$33,311,733
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds		\$9,486,606	\$9,486,606	\$5,957,507	\$5,493,736	\$3,992,870					\$9,486,606
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$23,825,127	\$23,825,127	\$9,485,106	\$9,573,652	\$14,251,475					\$23,825,127
TOTAL SOURCES		\$33,311,733	\$33,311,733	\$15,442,613	\$15,067,388	\$18,244,345	\$0	\$0	\$0	\$0	\$33,311,733
¹ Explain & Identify Type of Other Sources: \$1.4M of GO Drainage bonds from the Cowart Creek Diversion project will be used to upsize the box culvert in this project. This will result in decreasing the cost of the Cowart Creek Project by approximately \$2.6M. HGAC TIP Funds in the amount of \$21,451,475 for construction. 20% City match required. Other Funding Sources includes bonds already sold - Fund 202 thru \$1,037,361 2014 and \$805,296 in 2015. \$67,224 from Sidewalk Fund in 2015.						Project Manager: Cara Davis					
						Project's Approval Date: 6/22/2015					

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Old Alvin Road Widening - Plum Street to McHard Road					T20002		10			
PROJECT DESCRIPTION					PROJECT IMAGE					
Reconstruction of approximately 1.0 mile of Old Alvin Rd from Plum St to McHard Rd from a 2-lane asphalt to a 4-lane undivided curb and gutter roadway. East side from McHard to Knapp to have 6' sidewalks.										
PROJECT JUSTIFICATION										
This proposed roadway was part of the 2007 Bond Referendum and will provide another north-south route between McHard Road and FM518. Average daily count is expected to increase once McHard is put through to Cullen.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance				\$8,057	\$32,226					
Capital Outlay										
Total Expense				\$8,057	\$32,226					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$261,189	\$261,189	\$261,189	\$261,189						\$261,189
Land/Right of Way	\$550,000	\$550,000			\$550,000					\$550,000
Design/Surveying	\$964,800	\$964,800			\$964,800					\$964,800
Construction	\$9,743,813	\$9,743,813	\$472,525	\$651,538		\$6,753,670	\$2,338,605			\$9,743,813
Equipment and Furniture										\$0
Contingency	\$676,287	\$676,287					\$676,287			\$676,287
TOTAL COSTS	\$12,196,089	\$12,196,089	\$733,714	\$912,727	\$1,514,800	\$6,753,670	\$3,014,892	\$0	\$0	\$12,196,089
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation	\$261,189	\$261,189	\$261,189	\$261,189						\$261,189
General Obligation Bonds	\$11,110,375	\$11,110,375	\$400,000	\$579,013	\$762,800	\$6,753,670	\$3,014,892			\$11,110,375
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$824,525	\$824,525	\$72,525	\$72,525	\$752,000					\$824,525
TOTAL SOURCES	\$12,196,089	\$12,196,089	\$733,714	\$912,727	\$1,514,800	\$6,753,670	\$3,014,892	\$0	\$0	\$12,196,089
¹Explain & Identify Type of Other Sources: Other funding includes \$752,000 of Lower Kirby reimbursement used pursuant to the notice of intent to issue CO's for engineering.						Project Manager: Cara Davis				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Mykawa Road Widening - Orange to McHard					TR0601		9			
PROJECT DESCRIPTION					PROJECT IMAGE					
Construct approximately 4,200 LF of 4 lane concrete curb and gutter divided boulevard section roadway from the Orange Street intersection to the McHard Road intersection. Roadway would include sidewalks, underground storm sewer, detention, modifications to traffic signals at Orange and McHard, landscaping and irrigation. Right of way acquisition will be required in certain areas. No plans or prior work exists.										
PROJECT JUSTIFICATION										
The proposed roadway is included in the City's Thoroughfare Plan and was one of the 2007 bond Projects approved to alleviate traffic south from the Beltway to FM518. This abbreviated project handles a lot of commercial/industrial truck traffic and is fronted by a number of commercial/light industrial properties. This project would substitute for the longer project extending to the Beltway frontage roads if it is not selected to receive federal funding through the TIP program.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget										
					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance				\$43,017	\$86,033					
Capital Outlay										
Total Expense				\$43,017	\$86,033					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
PROJECT COSTS ALLOCATION					FY PROJECTED ALLOCATIONS					
	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$108,723	\$108,723	\$108,723	\$108,723						\$108,723
Land/Right of Way	\$741,601	\$741,601				\$741,601				\$741,601
Design/Surveying	\$1,384,982	\$1,384,982				\$600,000	\$784,982			\$1,384,982
Construction	\$11,491,778	\$11,491,778					\$3,800,000	\$7,691,778		\$11,491,778
Equipment and Furniture										\$0
Contingency										\$0
TOTAL COSTS	\$13,727,084	\$13,727,084	\$108,723	\$108,723	\$0	\$1,341,601	\$4,584,982	\$7,691,778	\$0	\$13,727,084
FUNDING SOURCES					FY PROJECTED FUNDING SOURCES					
	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation	\$108,723	\$108,723	\$108,723	\$108,723						\$108,723
General Obligation Bonds	\$13,613,000	\$13,613,000				\$1,336,240	\$4,584,982	\$7,691,778		\$13,613,000
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$5,361	\$5,361				\$5,361				\$5,361
TOTAL SOURCES	\$13,727,084	\$13,727,084	\$108,723	\$108,723	\$0	\$1,341,601	\$4,584,982	\$7,691,778	\$0	\$13,727,084
¹Explain & Identify Type of Other Sources: Remaining authorization applied to this project. Funds from Traffic Fund \$1,141 and Sidewalk Fund \$4,220.						Project Manager: Cara Davis				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Hughes Ranch Road (CR 403) - Cullen to Smith Ranch Road					TR1201		6			
PROJECT DESCRIPTION					PROJECT IMAGE					
Reconstruction of CR403 from Cullen to Smith Ranch Road from a two lane asphalt open ditch roadway to a four lane concrete curb and gutter boulevard for a distance of 2 miles. Brown and Gay Engineering is currently completing construction plans. Environmental clearance issued in 2011, currently acquiring right of way. The project includes approximately 13,000 LF of Noise Barrier. Installation of additional water line infrastructure will be constructed in coordination with this project to fill in the gaps of the current system.										
PROJECT JUSTIFICATION										
The roadway will provide enhanced safety and access to Dawson High School located on Cullen Blvd. and enhance access to SH 288 and the SH288 toll way, in conformance with the City Thoroughfare Plan.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget										
					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance		\$14,447	\$57,786	\$57,786	\$57,786					
Capital Outlay										
Total Expense		\$14,447	\$57,786	\$57,786	\$57,786					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
PROJECT COSTS ALLOCATION					FY PROJECTED ALLOCATIONS					
	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way	\$1,300,000	\$1,300,000	\$1,065,000	\$1,065,000	\$235,000					\$1,300,000
Design/Surveying	\$286,000	\$286,000	\$216,000	\$216,000	\$70,000					\$286,000
Construction	\$25,259,386	\$25,259,386	\$342,000		\$16,839,591	\$8,419,795				\$25,259,386
Equipment and Furniture										\$0
Contingency	\$624,150	\$624,150	\$35,000	\$35,000	\$200,000	\$389,150				\$624,150
TOTAL COSTS	\$27,469,536	\$27,469,536	\$1,658,000	\$1,316,000	\$17,344,591	\$8,808,945	\$0	\$0	\$0	\$27,469,536
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds	\$7,115,480	\$7,115,480	\$1,567,453	\$1,368,708	\$3,625,663	\$2,121,109				\$7,115,480
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$20,354,056	\$20,354,056	\$90,547	\$90,547	\$13,575,673	\$6,687,836				\$20,354,056
TOTAL SOURCES	\$27,469,536	\$27,469,536	\$1,658,000	\$1,459,255	\$17,201,336	\$8,808,945	\$0	\$0	\$0	\$27,469,536
¹ Explain & Identify Type of Other Sources: City or County future bond referendum. Other includes \$90,547 from Traffic Fund in 2013. Submitted to HGAC for 2015 TIP Funds (\$20,263,509).							Project Manager: Andrea Brinkley			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Max Road Expansion - Hughes Ranch to Reid Blvd.					TR1205		3				
PROJECT DESCRIPTION					PROJECT IMAGE						
Widen 3,700 LF of Max Road from the future Hughes Ranch alignment and connecting with Reid Boulevard, just west of the Food Town shopping center. The roadway will be four lanes, divided, with concrete curb and gutter, including storm sewers, outfalls and detention. A traffic signal will be installed at the intersection of Hughes Ranch Road and Max Road, and a new bridge will be constructed over Hickory Slough. A 10-ft multi-use path will be incorporated on the west side of the roadway from Hughes Ranch to Broadway per the Trail Master Plan.											
PROJECT JUSTIFICATION											
New residential development in the area, as well as the development of the City's Sports Complex adjacent to the proposed project, increase the demand for reliable access to the area. Improvements to this roadway will reduce maintenance, improve mobility, and increase public safety.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)											
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance	\$4,097	\$28,231	\$29,642	\$31,124	\$32,681						
Capital Outlay											
Total Expense	\$4,097	\$28,231	\$29,642	\$31,124	\$32,681						
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000						\$200,000
Land/Right of Way	\$406,000	\$406,000	\$406,000	\$406,000	\$406,000						\$406,000
Design/Surveying	\$679,000	\$679,000	\$679,000	\$679,000	\$679,000						\$679,000
Construction	\$6,093,773	\$6,093,773	\$4,543,773	\$4,543,773	\$1,550,000						\$6,093,773
Equipment and Furniture											\$0
Contingency	\$633,844	\$633,844	\$658,844	\$633,844							\$633,844
TOTAL COSTS	\$8,012,617	\$8,012,617	\$6,462,617	\$6,462,617	\$1,550,000	\$0	\$0	\$0	\$0	\$0	\$8,012,617
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds	\$2,874,837	\$2,874,837	\$1,390,123	\$1,324,837	\$1,550,000						\$2,874,837
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
=	\$5,137,780	\$5,137,780	\$5,072,494	\$5,137,780							\$5,137,780
TOTAL SOURCES	\$8,012,617	\$8,012,617	\$6,462,617	\$6,462,617	\$1,550,000	\$0	\$0	\$0	\$0	\$0	\$8,012,617
Explain & Identify Type of Other Sources: HGAC TIP Funds in the amount of \$5,072,494. 20% City match required							Project Manager: Andrea Brinkley				
							Project's Approval Date: 6/22/2015				

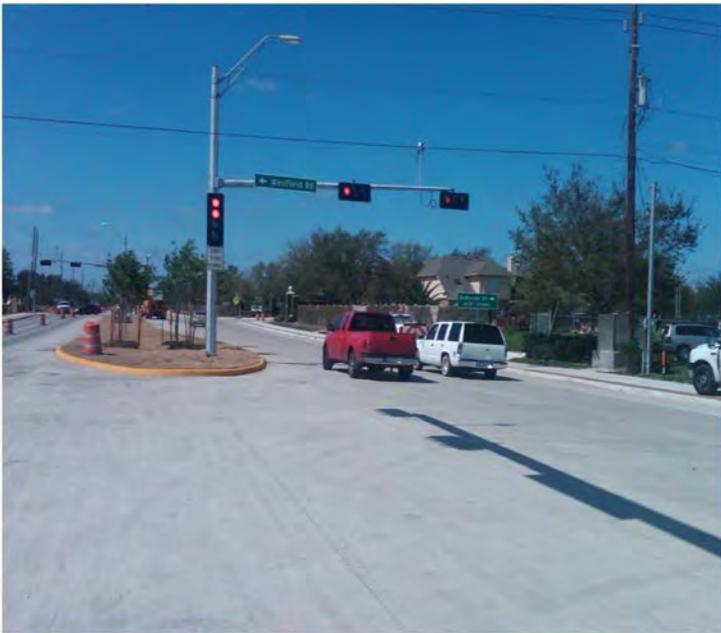
PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Regency Park Subdivision Paving					TR1402		5			
PROJECT DESCRIPTION					PROJECT IMAGE					
Replace all concrete paving within Regency Park Subdivision. Project will include an evaluation of the existing drainage system within the subdivision, and recommendations to improve drainage. Replacement of existing water line infrastructure throughout the neighborhood will be done in coordination with this project.										
PROJECT JUSTIFICATION										
Regency Park is the oldest concrete-paved subdivision in the City. Currently, the pavement condition throughout the subdivision has become increasingly unacceptable. Because of the nature of the failures, it is not fiscally efficient to replace individual concrete slabs.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way										\$0
Design/Surveying	\$235,282	\$235,282	\$245,161	\$235,282						\$235,282
Construction	\$2,866,622	\$2,866,622	\$2,462,457	\$2,025,832	\$840,790					\$2,866,622
Equipment and Furniture										\$0
Contingency	\$400,000	\$400,000	\$461,100		\$400,000					\$400,000
TOTAL COSTS	\$3,501,904	\$3,501,904	\$3,168,718	\$2,261,114	\$1,240,790	\$0	\$0	\$0	\$0	\$3,501,904
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds	\$3,062,650	\$3,062,650	\$3,168,718	\$1,821,860	\$1,240,790					\$3,062,650
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$439,254	\$439,254		\$439,254						\$439,254
TOTAL SOURCES	\$3,501,904	\$3,501,904	\$3,168,718	\$2,261,114	\$1,240,790	\$0	\$0	\$0	\$0	\$3,501,904
¹ Explain & Identify Type of Other Sources: \$156,957 was transferred from CR59 Expansion (TR1304).						Project Manager: Jennifer Lee				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Kirby Drive Expansion - Broadway to CR 59					TR1404		2				
PROJECT DESCRIPTION					PROJECT IMAGE						
Four lanes of Kirby Drive exist from Broadway to the Pearland Town Center north entrance. Two lanes continue south to CR 59. The limits of this project include extending the remaining two lanes from the Pearland Town Center entrance to CR 59. The proposed cross section is concrete curb and gutter with sidewalks. The Kirby Drive water main will be extended approximately 800 feet south to County Road 59.											
PROJECT JUSTIFICATION											
Expansion of Alvin ISD with two schools in the area will require improved and greater access for traffic circulation. This project fills a gap between Broadway and CR 59.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)											
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance	\$18,170	\$25,438	\$26,710	\$28,045	\$29,447						
Capital Outlay											
Total Expense	\$18,170	\$25,438	\$26,710	\$28,045	\$29,447						
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report											\$0
Land/Right of Way											\$0
Design/Surveying		\$269,031	\$269,031	\$269,000	\$269,031						\$269,031
Construction		\$2,767,076	\$2,767,076	\$1,710,545	\$1,700,816	\$1,066,260					\$2,767,076
Equipment and Furniture											\$0
Contingency		\$278,000	\$278,000	\$278,000	\$278,000						\$278,000
TOTAL COSTS		\$3,314,107	\$3,314,107	\$2,257,545	\$2,247,847	\$1,066,260	\$0	\$0	\$0	\$0	\$3,314,107
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds		\$2,685,746	\$2,685,746	\$1,998,545	\$1,729,545	\$956,201					\$2,685,746
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$628,361	\$628,361	\$259,000	\$528,000	\$100,361					\$628,361
TOTAL SOURCES		\$3,314,107	\$3,314,107	\$2,257,545	\$2,257,545	\$1,056,562	\$0	\$0	\$0	\$0	\$3,314,107
¹ Explain & Identify Type of Other Sources: Other includes Traffic Fund (\$9,000), Alvin ISD for drive and traffic signal (\$308,711), and developer contribution towards sidewalks (\$41,650).							Project Manager: Jennifer Lee				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
McHard Road Extension (Mykawa Road to Cullen Parkway)					TR1405		8				
PROJECT DESCRIPTION					PROJECT IMAGE						
The extension of approximately 3.5 miles of McHard Road, from Cullen Parkway to Mykawa Road, consisting of a 4-lane, concrete, curb and gutter, divided roadway with raised medians and underground drainage. Includes storm sewers, outfalls and detention, five traffic signals at secondary thoroughfares and major collectors, sidewalks, street lighting and landscaping. This project will be coordinated with the McHard Road Trunk Sewer extension and McHard Road Water Line Extension.											
PROJECT JUSTIFICATION											
This project is in accordance with the City's Thoroughfare Plan to alleviate traffic on FM518 by providing an alternate east/west route between SH288 and SH35. The project was selected by H-GAC to receive 80% federal funding for design and construction through the 2013 TIP. A design engineer has been selected, a contract negotiated and design is underway with a target of meeting a letting date of August, 2017.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance				\$86,277	\$103,533						
Capital Outlay											
Total Expense				\$86,277	\$103,533						
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$300,000	\$300,000	\$300,000	\$300,000						\$300,000
Land/Right of Way		\$3,855,469	\$3,855,469			\$2,313,282	\$1,542,187				\$3,855,469
Design/Surveying		\$4,415,202	\$4,415,202	\$5,436,052	\$2,350,195	\$2,065,007					\$4,415,202
Construction		\$32,720,000	\$32,720,000				\$9,816,000	\$19,632,000	\$3,272,000		\$32,720,000
Equipment and Furniture											\$0
Contingency		\$1,418,118	\$1,418,118				\$86,000	\$1,332,118			\$1,418,118
TOTAL COSTS		\$42,708,789	\$42,708,789	\$5,736,052	\$2,650,195	\$4,378,289	\$11,444,187	\$20,964,118	\$3,272,000	\$0	\$42,708,789
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds		\$9,715,258	\$9,715,258	\$1,387,210	\$770,039	\$222,658	\$2,288,837	\$4,192,824	\$2,240,900		\$9,715,258
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$32,993,531	\$32,993,531	\$4,348,842	\$1,880,156	\$4,155,631	\$9,155,350	\$16,771,294	\$1,031,100		\$32,993,531
TOTAL SOURCES		\$42,708,789	\$42,708,789	\$5,736,052	\$2,650,195	\$4,378,289	\$11,444,187	\$20,964,118	\$3,272,000	\$0	\$42,708,789
¹ Explain & Identify Type of Other Sources: HGAC TIP Funds in the amount of \$32,580,531. 20% City match required.							Project Manager: Jennifer Lee				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
SH288 Tollway - CR 58 to US 59					TR1407		N/A			
PROJECT DESCRIPTION					PROJECT IMAGE					
Construction of a four-lane toll way (two lanes in each direction) within the existing median of the SH288 corridor from County Road 58 in Brazoria County to US59 near downtown Houston. The existing lanes will remain free lanes. The Harris County segment will be managed and constructed by TxDOT and the Brazoria County segment will be managed and constructed by the Brazoria County Toll road Authority. The project will include entrances and exits within Pearland north of FM518 and direct access from a T-ramp at Hughes Ranch Road on the east and Discovery Bay Drive on the west. The Harris County segment includes eight (8) direct connectors. Construction is projected to start in 2016 and anticipated to be completed by end of 2018.										
PROJECT JUSTIFICATION										
The SH288 corridor has become very congested with the significant growth in Brazoria County and southern Harris County. A traditional highway expansion would not be possible for many years based on existing state funding levels. Providing additional lanes with a toll way project will significantly accelerate completion of the highway expansion.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget										
					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way										\$0
Design/Surveying										\$0
Construction										\$0
Equipment and Furniture										\$0
Contingency										\$0
TOTAL COSTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -										\$0
TOTAL SOURCES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Explain & Identify Type of Other Sources:							Project Manager: N/A			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Smith Ranch Road Extension (CR 94) - Hughes Ranch Road to Broadway					TR1501		7			
PROJECT DESCRIPTION					PROJECT IMAGE					
Expansion of Smith Ranch Road from 2-lanes of asphalt into 4-lanes, divided, with raised medians, concrete curb and gutter, storm sewer, and landscaping. Project will include planning and construction of provisions for utility services along both sides of the right of way. Limits are from Hughes Ranch Road, south approximately 3,250 LF to 2,040 LF north of Broadway.										
PROJECT JUSTIFICATION										
Construction of the SH 288 Toll Lanes and the T-Ramp Access point at Hughes Ranch Road will increase traffic on this roadway. Demand for improved access to the toll lanes from Cullen Parkway and FM518 requires the expansion of this roadway. Project was selected by HGAC to receive 80% federal funding through the 2013 TIP. Funding for construction will be available in 2017. A design engineer has been selected and contract negotiations are underway with a target of meeting a letting date of August, 2017.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance			\$15,813	\$33,208	\$34,869					
Capital Outlay										
Total Expense			\$15,813	\$33,208	\$34,869					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way	\$816,803	\$816,803			\$816,803					\$816,803
Design/Surveying	\$573,678	\$573,678	\$328,668	\$573,678						\$573,678
Construction	\$4,027,772	\$4,027,772					\$4,027,772			\$4,027,772
Equipment and Furniture										\$0
Contingency	\$547,781	\$547,781			\$100,000	\$82,167	\$365,614			\$547,781
TOTAL COSTS	\$5,966,034	\$5,966,034	\$328,668	\$573,678	\$916,803	\$82,167	\$4,393,386	\$0	\$0	\$5,966,034
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds	\$2,066,352	\$2,066,352	\$65,643	\$114,645	\$183,361	\$16,433	\$1,751,913			\$2,066,352
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$3,899,682	\$3,899,682	\$263,025	\$459,033	\$733,442	\$65,734	\$2,641,473			\$3,899,682
TOTAL SOURCES	\$5,966,034	\$5,966,034	\$328,668	\$573,678	\$916,803	\$82,167	\$4,393,386	\$0	\$0	\$5,966,034
Explain & Identify Type of Other Sources: Includes HGAC TIP funds in the amount of \$3,899,591. 20% City match required. Funding from the Traffic Improvement Funds totals \$91 in 2015.							Project Manager: Les Saberniak			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Intersection Improvements					TR1601		13				
PROJECT DESCRIPTION					PROJECT IMAGE						
With the continuous development driven evolution of traffic patterns and counts, intersections encounter increasing traffic flows than they were originally constructed to handle increasing congestion and raising safety concerns. Rapidly changing traffic patterns make this hard to predict, so this is a "reactive" effort aimed at modifying intersection geometry or signalization to address these conditions as and where they occur. In the first instance, funds budgeted for 2016 are targeted for the Pearland Parkway-Broadway intersection.											
PROJECT JUSTIFICATION											
Through the 2013 citizen's survey, it was made apparent that the citizens are concerned with traffic and congestion issues. This project will allow us a funded project to address their concerns and the needs of the City to maintain or improve mobility efficiency throughout the City, while improving safety. We collect prorated fees from developers which pay for a portion of intersection improvements.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report											\$0
Land/Right of Way											\$0
Design/Surveying		\$226,500	\$226,500			\$46,500	\$45,000	\$45,000	\$45,000	\$45,000	\$226,500
Construction		\$1,472,000	\$1,472,000			\$310,000	\$290,500	\$290,500	\$290,500	\$290,500	\$1,472,000
Equipment and Furniture											\$0
Contingency		\$88,500	\$88,500			\$18,500	\$17,500	\$17,500	\$17,500	\$17,500	\$88,500
TOTAL COSTS		\$1,787,000	\$1,787,000	\$0	\$0	\$375,000	\$353,000	\$353,000	\$353,000	\$353,000	\$1,787,000
FY PROJECTED FUNDING SOURCES											
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL	
General Revenue - Cash	\$1,412,000	\$1,412,000				\$353,000	\$353,000	\$353,000	\$353,000	\$1,412,000	
Certificates of Obligation										\$0	
General Obligation Bonds										\$0	
New/Proposed GO Bonds										\$0	
PEDC										\$0	
W/S Revenue Bonds										\$0	
System Revenue - Cash										\$0	
Impact Fees - Cash										\$0	
Impact Fees - Debt										\$0	
Other Funding Sources ¹ -	\$375,000	\$375,000			\$375,000					\$375,000	
TOTAL SOURCES	\$1,787,000	\$1,787,000	\$0	\$0	\$375,000	\$353,000	\$353,000	\$353,000	\$353,000	\$1,787,000	
¹ Explain & Identify Type of Other Sources: Fund 050 fund balance.							Project Manager: Jennifer Lee				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Safe Routes to School Improvements					TR1602		17			
PROJECT DESCRIPTION					PROJECT IMAGE					
As identified in the Safe Routes to School Plan, sites may include the installation of sidewalks, drainage improvements, roadway widening, crosswalk enhancements/improvements and other traffic improvements. City staff has prioritized and produced cost estimates that include detailed scopes of work required and a project schedule. Improvements planned for Challenger Elementary, HC Carlestone Elementary and Barbara Cockrell Elementary will be done with Hughes Ranch Rd project, if funded.										
PROJECT JUSTIFICATION										
Facilitate safe pedestrian mobility to schools and encourage reduced driving, traffic calming and other safety measures along these routes. Locations have been coordinated with the Safe Routes to School Study and street projects. Grant funding was included in 2015 TIP Call for Projects.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way	\$98,526	\$98,526			\$53,764	\$44,762				\$98,526
Design/Surveying	\$216,200	\$216,200			\$108,100	\$108,100				\$216,200
Construction	\$2,280,897	\$2,280,897			\$1,244,648	\$1,036,249				\$2,280,897
Equipment and Furniture										\$0
Contingency	\$142,880	\$142,880			\$71,440	\$71,440				\$142,880
TOTAL COSTS	\$2,738,503	\$2,738,503	\$0	\$0	\$1,477,952	\$1,260,551	\$0	\$0	\$0	\$2,738,503
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation	\$834,965	\$834,965			\$439,222	\$395,743				\$834,965
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$1,903,538	\$1,903,538			\$1,038,730	\$864,808				\$1,903,538
TOTAL SOURCES	\$2,738,503	\$2,738,503	\$0	\$0	\$1,477,952	\$1,260,551	\$0	\$0	\$0	\$2,738,503
¹ Explain & Identify Type of Other Sources: Applied for Safe Routes to School grant funding through HGAC Transportation Enhancement Projects (\$1,903,538). Grant funding 80%, City match 20%.							Project Manager: Public Works			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
West McHard Pedestrian Path					TR1603					
PROJECT DESCRIPTION					PROJECT IMAGE					
Design and construction of an 8 foot wide concrete pedestrian path along the north right of way from the Country Place Boulevard/McHard Road intersection approximately 3,250 feet to the intersection of McHard Road and Country Place Parkway. This configuration will tie into existing pedestrian features at the traffic signals on both east and west ends.										
PROJECT JUSTIFICATION										
This developed segment of McHard Road is a Major Thoroughfare that is without pedestrian or bicycle accommodations. The addition of this pedestrian path will allow residents to access local retail, commercial, and entertainment venues without the use of motor vehicles.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget										
					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PRO										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$7,000	\$7,000			\$7,000					\$7,000
Land/Right of Way										\$0
Design/Surveying	\$36,000	\$36,000			\$36,000					\$36,000
Construction	\$268,037	\$268,037			\$268,037					\$268,037
Equipment and Furniture										\$0
Contingency	\$60,000	\$60,000			\$60,000					\$60,000
TOTAL COSTS	\$371,037	\$371,037	\$0	\$0	\$371,037	\$0	\$0	\$0	\$0	\$371,037
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$371,037	\$371,037			\$371,037					\$371,037
TOTAL SOURCES	\$371,037	\$371,037	\$0	\$0	\$371,037	\$0	\$0	\$0	\$0	\$371,037
Explain & Identify Type of Other Sources: Fund 302 fund balance.						Project Manager: TBD				
						Project's Approval Date: 8/14/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
SH 288 Northbound Frontage Road - CR 59 to FM 518 (Broadway)					TR1701		18				
PROJECT DESCRIPTION					PROJECT IMAGE						
Construct a three lane concrete curb and gutter "urban" cross-section frontage road from County Road 59 to FM 518 (Broadway), northbound only, to include a U-Turn lane under the CR59 Overpass, to include access lane to SH 288 main lanes. Project includes right of way acquisition for detention pond.											
PROJECT JUSTIFICATION											
Current traffic routes from the Silver Lake and Southfork and areas to the south must travel through these subdivisions along Smith Ranch (CR94) to access Broadway and commercial areas in the southeast quadrant of SH 288 and Broadway. This frontage road would provide a more direct route to access these locations. Additionally, the frontage road would open up prime commercial frontage along SH 288 between CR59 and Broadway to development and will reduce traffic on Broadway.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget <input type="checkbox"/> No <input type="checkbox"/> Yes (See Below)											
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report											\$0
Land/Right of Way		\$609,840	\$609,840				\$609,840				\$609,840
Design/Surveying		\$770,426	\$770,426				\$770,426				\$770,426
Construction		\$8,433,703	\$8,433,703					\$8,433,703			\$8,433,703
Equipment and Furniture											\$0
Contingency											\$0
TOTAL COSTS		\$9,813,969	\$9,813,969	\$0	\$0	\$0	\$1,380,266	\$8,433,703	\$0	\$0	\$9,813,969
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation		\$1,962,794	\$1,962,794				\$276,053	\$1,686,741			\$1,962,794
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$7,851,175	\$7,851,175				\$1,104,213	\$6,746,962			\$7,851,175
TOTAL SOURCES		\$9,813,969	\$9,813,969	\$0	\$0	\$0	\$1,380,266	\$8,433,703	\$0	\$0	\$9,813,969
Explain & Identify Type of Other Sources: Project was submitted to 2015-2020 HGAC TIP for funding that would provide up to 80%							Project Manager: TBD				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
PER for Future Bond Referendum					TR1801		11			
PROJECT DESCRIPTION					PROJECT IMAGE					
Provide funding for preliminary engineering on future projects yet to be identified that would be funded with the City's next bond referendum. Preliminary engineering would tighten down scopes and provide for estimated construction dollars that would be needed to take a proposition to the voters.										
PROJECT JUSTIFICATION										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
PROJECT COSTS ALLOCATION					FY PROJECTED ALLOCATIONS					
	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$750,000	\$750,000					\$750,000			\$750,000
Land/Right of Way										\$0
Design/Surveying										\$0
Construction										\$0
Equipment and Furniture										\$0
Contingency										\$0
TOTAL COSTS	\$750,000	\$750,000	\$0	\$0	\$0	\$0	\$750,000	\$0	\$0	\$750,000
FUNDING SOURCES					FY PROJECTED FUNDING SOURCES					
	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation	\$750,000	\$750,000					\$750,000			\$750,000
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -										\$0
TOTAL SOURCES	\$750,000	\$750,000	\$0	\$0	\$0	\$0	\$750,000	\$0	\$0	\$750,000
¹Explain & Identify Type of Other Sources:							Project Manager: Projects			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Broadway Expansion (SH288 to Cullen)					TR1901		12			
PROJECT DESCRIPTION					PROJECT IMAGE					
This project widens Broadway from the intersection with State Highway 288 to Walnut. The project will provide three lanes each direction, raised medians, new signals and additional turn lanes where required for traffic management purposes. This will require the relocation of both wet and dry utilities, movement of signals, changes to existing drainage facilities, revisions to medians, and reconfiguration of intersections and driveways within the limits. Construction will likely be phased with the first phase from SH288 to Cullen and the second phase from Cullen to the eastern terminus. Staff have requested that this eastern terminus be changed to SH35.										
PROJECT JUSTIFICATION										
Traffic counts between SH288 and Cullen and rapid growth within this segment of Broadway warrant the expansion of this major artery. Reconfiguration will add capacity to assist traffic movements towards accessing both State Highway 288 and SH288 toll lanes via both Broadway and Smith Ranch Road while relieving congestion along major commercial frontages.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$275,000	\$275,000						\$275,000		\$275,000
Land/Right of Way	\$1,250,000	\$1,250,000							\$1,250,000	\$1,250,000
Design/Surveying	\$4,200,000	\$4,200,000							\$4,200,000	\$4,200,000
Construction	\$41,275,000	\$41,275,000								\$0
Equipment and Furniture										\$0
Contingency	\$8,000,000	\$8,000,000								\$0
TOTAL COSTS	\$55,000,000	\$55,000,000	\$0	\$0	\$0	\$0	\$0	\$275,000	\$5,450,000	\$5,725,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds	\$5,500,000	\$5,500,000						\$27,500	\$545,000	\$572,500
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$49,500,000	\$49,500,000						\$247,500	\$4,905,000	\$5,152,500
TOTAL SOURCES	\$55,000,000	\$55,000,000	\$0	\$0	\$0	\$0	\$0	\$275,000	\$5,450,000	\$5,725,000
Explain & Identify Type of Other Sources:							Project Manager: Skipper Jones			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Pearland Parkway Traffic Circle Improvements					TR1902		16			
PROJECT DESCRIPTION					PROJECT IMAGE					
Design and construct improvements to the circular rotary at the intersection of Pearland Parkway and McHard to provide a more conventional geometry with a two lane roundabout with an outside by-pass lane designed for slightly higher speeds for right turn and through movements.										
PROJECT JUSTIFICATION										
Reconfiguration of the traffic rotary will improve traffic flows by providing for higher speed by-pass movements that result in a right existing movement and reduce conflicts resulting from the existing two lane configuration. Analysis of accident reports from this area of the Parkway indicate that these changes will reduce injury accidents without adding traffic signals that impede traffic flows adding time to the commute.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$50,000	\$50,000						\$50,000		\$50,000
Land/Right of Way										\$0
Design/Surveying	\$220,000	\$220,000						\$220,000		\$220,000
Construction	\$1,640,000	\$1,640,000						\$1,640,000		\$1,640,000
Equipment and Furniture										\$0
Contingency	\$90,000	\$90,000						\$90,000		\$90,000
TOTAL COSTS	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$2,000,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds	\$2,000,000	\$2,000,000						\$2,000,000		\$2,000,000
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -										\$0
TOTAL SOURCES	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$2,000,000
Explain & Identify Type of Other Sources:						Project Manager:				
						Project's Approval Date: 6/22/2015				

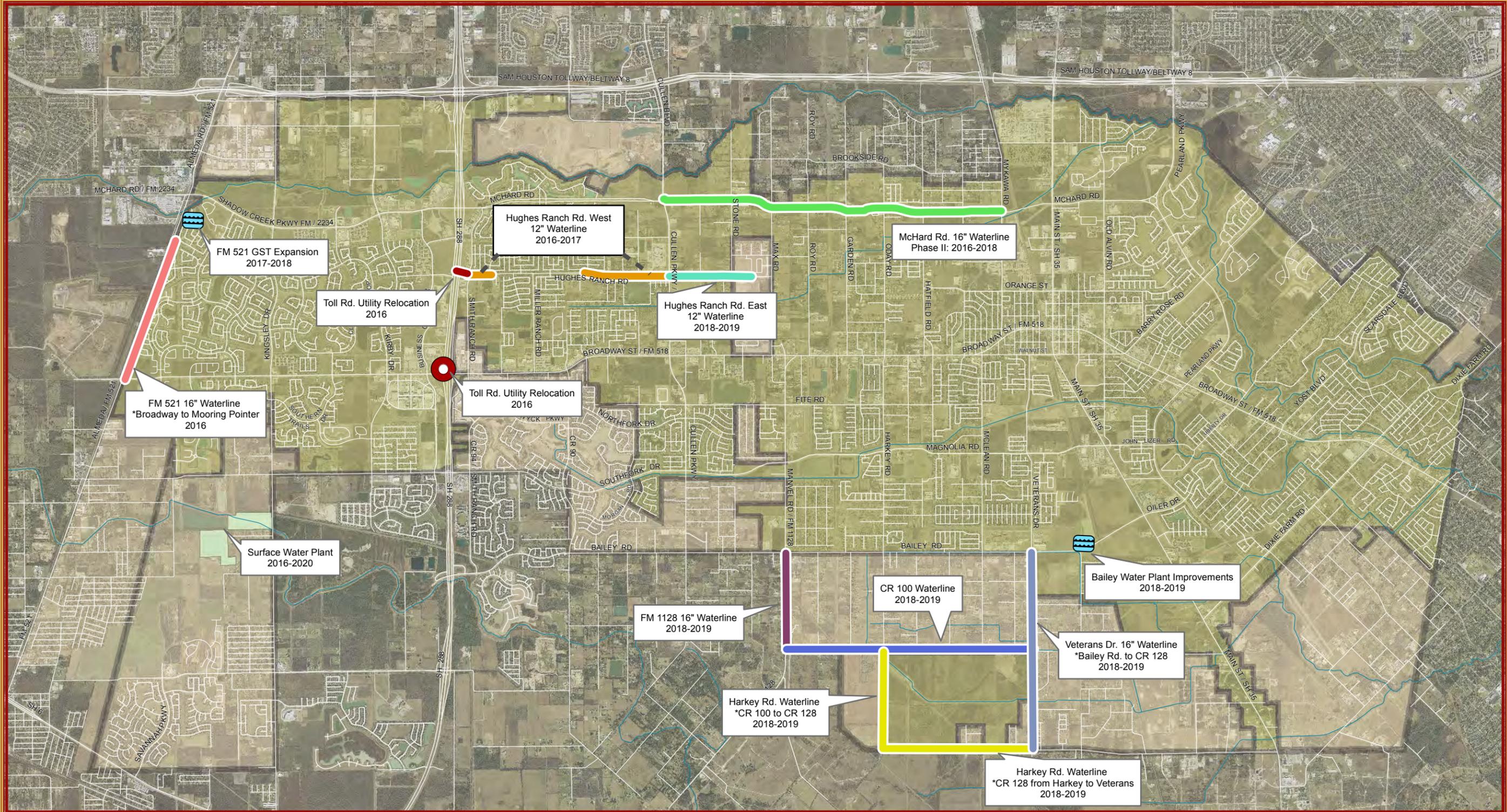
PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Pearland Parkway Superstreets Improvements					TR1903		15			
PROJECT DESCRIPTION					PROJECT IMAGE					
This project consists of the construction of approximately 6 left turn lanes and 4 U-Turn lanes along with other modifications to the median at 13 median cuts and side street intersections between the Beltway and Broadway. These modifications are designed to improve traffic flow and safety at the intersections without the installation of traffic signals by installing improvements to reduce the number of left turn entry movements into the corridor by introducing a right turn entry with a down stream left U-Turn.										
PROJECT JUSTIFICATION										
Accident reports dating back to 2013 indicated the need for the reduction of uncontrolled left turn movements along the entire corridor. The corridor was intended to operate without traffic signals impeding the flow of traffic. These modifications provide that reduction of unprotected left turn movements and will reduce the number of entering left turns.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$100,000	\$100,000						\$100,000		\$100,000
Land/Right of Way										\$0
Design/Surveying	\$250,000	\$250,000						\$250,000		\$250,000
Construction	\$1,700,000	\$1,700,000						\$1,700,000		\$1,700,000
Equipment and Furniture										\$0
Contingency	\$250,000	\$250,000						\$250,000		\$250,000
TOTAL COSTS	\$2,300,000	\$2,300,000	\$0	\$0	\$0	\$0	\$0	\$2,300,000	\$0	\$2,300,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds	\$2,300,000	\$2,300,000						\$2,300,000		\$2,300,000
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -										\$0
TOTAL SOURCES	\$2,300,000	\$2,300,000	\$0	\$0	\$0	\$0	\$0	\$2,300,000	\$0	\$2,300,000
Explain & Identify Type of Other Sources:							Project Manager:			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Street Reconstruction					TR1904		14				
PROJECT DESCRIPTION					PROJECT IMAGE						
This project consists of the rehabilitation, reconditioning and reconstruction of non-TIP funding eligible collector streets throughout the City. The specific streets are based on priorities derived through the Thoroughfare Plan, the Condition Assessment Program, traffic counts and types of traffic loads that roadway sees. The specific activity selected for each roadway may vary with the objective to maintain or improve the current average assessment score city-wide.											
PROJECT JUSTIFICATION											
In 2015 the City Council was presented with the results of the Rights of Way Assessment Program Study which showed the current pavement condition index (PCI) rating score to be at 76/100. To maintain the current score of 76 requires an annual investment of \$3.75 million. This recurring portion of the pavement program will focus on the reconstruction of the streets identified in the Assessment as requiring reconstruction. The other portion of the program will focus on the maintenance of streets through the operating budget.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)											
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$375,000	\$375,000						\$75,000	\$75,000	\$150,000
Land/Right of Way											\$0
Design/Surveying		\$1,250,000	\$1,250,000						\$250,000	\$250,000	\$500,000
Construction		\$8,750,000	\$8,750,000						\$1,750,000	\$1,750,000	\$3,500,000
Equipment and Furniture											\$0
Contingency		\$500,000	\$500,000						\$100,000	\$100,000	\$200,000
TOTAL COSTS		\$10,875,000	\$10,875,000	\$0	\$0	\$0	\$0	\$0	\$2,175,000	\$2,175,000	\$4,350,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds		\$10,875,000	\$10,875,000						\$2,175,000	\$2,175,000	\$4,350,000
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -											\$0
TOTAL SOURCES		\$10,875,000	\$10,875,000	\$0	\$0	\$0	\$0	\$0	\$2,175,000	\$2,175,000	\$4,350,000
Explain & Identify Type of Other Sources: Project to carryover to 2021 and 2022							Project Manager:				
							Project's Approval Date: 6/22/2015				

**CITY OF PEARLAND
2016 - 2020 CAPITAL IMPROVEMENT PROGRAM
WATER**

Project No.	Project Name	2016	2017	2018	2019	2020	TOTAL
WA1001	General Engineering/CIP Administration	50,000	550,000	50,000			650,000
WA1204	Bailey Water Plant			233,625	1,766,962		2,000,587
WA1501	Toll Road Utility Relocation	749,460					749,460
WA1505	FM 521 Waterline (Broadway to Mooring Pointer)	1,546,110					1,546,110
WA1601	McHard Water Line Phase II	100,000	3,000,000	2,836,480			5,936,480
WA1602	Hughes Ranch Road West 12" Water Line	585,000	616,000				1,201,000
WA1603	Underground Piping Infrastructure at Water Facilities	250,000	250,000	250,000	250,000	250,000	1,250,000
WA1604	Transite Water Line Replacement	250,000	500,000	1,000,000	1,000,000	1,500,000	4,250,000
WA1605	Surface Water Plant	100,000	2,915,000	6,900,000	31,000,000	34,000,000	74,915,000
WA1701	FM 521 GST Expansion		305,050	2,171,900			2,476,950
WA1702	Water Meter Changeout		11,000,000				11,000,000
WA1801	Hughes Ranch Road East 12" Water Line			370,000	506,000		876,000
WA1802	FM 1128 16" Waterline			240,000	1,285,000		1,525,000
WA1803	CR 100 Waterline			670,000	2,840,000		3,510,000
WA1804	Harkey Rd. from CR100 to CR128 & CR 128 from Harkey to Veterans			578,000	2,285,000		2,863,000
WA1805	Veterans Dr. Bailey Rd. to CR 128 16" Waterline			658,000	2,395,000		3,053,000
	TOTAL	\$ 3,630,570	\$ 19,136,050	\$ 15,958,005	\$ 43,327,962	\$ 35,750,000	\$ 117,802,587

SOURCE OF FUNDS	2016	2017	2018	2019	2020	TOTAL
General Revenue - Cash						
Certificates of Obligation						
General Obligation Bonds						
New/Proposed GO Bonds						
P.E.D.C.						
W/S Revenue Bonds	1,815,015	3,418,025	7,692,840	22,240,462	17,000,000	52,166,342
System Revenues - Cash	250,000	1,300,000	1,300,000	1,250,000	1,750,000	5,850,000
Impact Fees - Cash	292,500					292,500
Impact Fees - Debt		1,808,000	4,402,840	18,775,000	17,000,000	41,985,840
Other Funding Sources	1,273,055	12,610,025	2,562,325	1,062,500		17,507,905
TOTAL	\$ 3,630,570	\$ 19,136,050	\$ 15,958,005	\$ 43,327,962	\$ 35,750,000	\$ 117,802,587



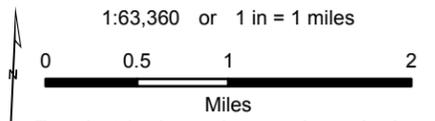
CITY OF PEARLAND

2016 - 2020

Capital Improvement Projects

Water

- FM 521 16" Waterline
 - McHard Road 16" Waterline Phase II
 - Hughes Ranch Road West 12" Water Line
 - Hughes Ranch Road East 12" Water Line
 - FM 1128 16" Waterline
 - CR 100 Waterline
 - Harkey Road & CR 128 12" Waterline
 - Veterans Drive 16" Waterline
 - Toll Rd. Utility Relocations
 - City Limits
 - ETJ
 - Surface Water Plant
 - Water Facility Expansion and Improvements
 - Multiple Locations - Not Shown
- * Water Meter Changeout * Transite Waterline Replacement
 * Underground Piping Infrastructure at Water Facilities



This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

MAP PREPARED: JULY 2015
 CITY OF PEARLAND GIS DEPARTMENT

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
General Engineering/CIP Administration					WA1001		1				
PROJECT DESCRIPTION					PROJECT IMAGE						
This project provides services necessary for the entire CIP and not project specific but is specific to the water or wastewater projects. The Wastewater and Water Models will be updated and any special studies will be completed as necessary.											
PROJECT JUSTIFICATION											
The Wastewater Model was last updated in 2007 and a partial update to the Water Model in 2012, and most of the high priority projects identified at that time have been completed. Additionally, the model updates will ensure that projects included in the CIP are based upon priority and the special studies will include cost estimates for the projects.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)											
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$500,000	\$500,000				\$500,000				\$500,000
Land/Right of Way											\$0
Design/Surveying		\$516,078	\$516,078	\$367,306	\$366,078	\$50,000	\$50,000	\$50,000			\$516,078
Construction											\$0
Equipment and Furniture		\$150,000	\$150,000	\$28,772	\$150,000						\$150,000
Contingency											\$0
TOTAL COSTS		\$1,166,078	\$1,166,078	\$396,078	\$516,078	\$50,000	\$550,000	\$50,000	\$0	\$0	\$1,166,078
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash		\$891,078	\$941,078	\$171,078	\$291,078		\$550,000	\$50,000			\$891,078
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$225,000	\$225,000	\$225,000	\$225,000	\$50,000					\$275,000
TOTAL SOURCES		\$1,116,078	\$1,166,078	\$396,078	\$516,078	\$50,000	\$550,000	\$50,000	\$0	\$0	\$1,166,078
Explain & Identify Type of Other Sources: Funding for updates to the water and wastewater models. Fund 301 Fund balance.							Project Manager: TBD				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Bailey Water Plant Improvements					WA1204		8			
PROJECT DESCRIPTION					PROJECT IMAGE					
<p>In FY14 the water well at the Bailey Water Production Facility was taken off line due to it's higher than acceptable levels of organic magnesium. Elevated levels of organic magnesium cause taste, odor and appearance issues though the water product itself remains safe for consumption. This project will install a distribution line at the facility that will improve water quality by providing adequate water flow within the tank which will significantly reduce or eliminate the odor, taste and appearance issues. The project also includes the installation of green sand filter, automatic backwash control, a 30,000 gallon backwash equalization tank, disposal pumps, and 4" backwash line. Funding in FY 2014 is for re-piping and reconfiguration of elevated storage to alleviate stagnation.</p>										
PROJECT JUSTIFICATION										
<p>The City of Pearland has maintained a log of customer complaints regarding "dirty water". Complaints regarding brown/rusty colored water that would indicate problems with iron and manganese have been consistently occurring in the winter months.</p>										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way										\$0
Design/Surveying	\$264,297	\$264,297	\$30,672	\$30,672			\$233,625			\$264,297
Construction	\$1,624,790	\$1,624,790	\$115,140	\$169,328				\$1,455,462		\$1,624,790
Equipment and Furniture										\$0
Contingency	\$311,500	\$311,500	\$54,188					\$311,500		\$311,500
TOTAL COSTS	\$2,200,587	\$2,200,587	\$200,000	\$200,000	\$0	\$0	\$233,625	\$1,766,962	\$0	\$2,200,587
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$2,000,587	\$2,000,587					\$233,625	\$1,766,962		\$2,000,587
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$200,000	\$200,000	\$200,000	\$200,000						\$200,000
TOTAL SOURCES	\$2,200,587	\$2,200,587	\$200,000	\$200,000	\$0	\$0	\$233,625	\$1,766,962	\$0	\$2,200,587
Explain & Identify Type of Other Sources:							Project Manager: Public Works			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Toll Road Utility Relocations					WA1501		6				
PROJECT DESCRIPTION					PROJECT IMAGE						
<p>The project consists of relocating 600 linear feet of 16 inch water main by directional drill beneath the northern embankment for the FM518 overpass on SH288. At Smith Ranch approximately 1,330 feet of 12 inch PVC water line will be relocated and placed in 18 inch steel casing. At this same location approximately 970 feet of 4 inch Force Main will be relocated by open cut and another 130 feet by directional drill and placed in steel casing to allow for the installation of the T-Ramp.</p>											
PROJECT JUSTIFICATION											
<p>Existing utilities in both locations will conflict with improvements being constructed for the SH288 Toll Lanes. At FM518 the SH288 Overpass will be lengthened placing support foundations in the current location of the waterline. On Smith Ranch, the intersection will be extensively reconstructed to provide for an elevated T-Ramp from Hughes Ranch to the toll lanes.</p>											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report											\$0
Land/Right of Way											\$0
Design/Surveying		\$40,000	\$40,000	\$40,000	\$40,000						\$40,000
Construction		\$749,460	\$749,460			\$749,460					\$749,460
Equipment and Furniture											\$0
Contingency											\$0
TOTAL COSTS		\$789,460	\$789,460	\$40,000	\$40,000	\$749,460	\$0	\$0	\$0	\$0	\$789,460
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds		\$789,460	\$789,460	\$40,000	\$40,000	\$749,460					\$789,460
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -											\$0
TOTAL SOURCES		\$789,460	\$789,460	\$40,000	\$40,000	\$749,460	\$0	\$0	\$0	\$0	\$789,460
*Explain & Identify Type of Other Sources:							Project Manager: Les Saberniak				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
FM 521 Waterline (Broadway to Mooring Pointer)					WA1505		10			
PROJECT DESCRIPTION					PROJECT IMAGE					
7,500 feet of 16" water line along Alameda Rd from Broadway to Mooring Pointer.										
PROJECT JUSTIFICATION										
Looping of transmission lines based on the City's water model.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget										
					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$48,000	\$48,000	\$48,000	\$48,000						\$48,000
Land/Right of Way	\$100,000	\$100,000	\$100,000	\$100,000						\$100,000
Design/Surveying	\$165,000	\$165,000	\$63,890	\$63,890	\$101,110					\$165,000
Construction	\$1,215,000	\$1,215,000			\$1,215,000					\$1,215,000
Equipment and Furniture										\$0
Contingency	\$230,000	\$230,000			\$230,000					\$230,000
TOTAL COSTS	\$1,758,000	\$1,758,000	\$211,890	\$211,890	\$1,546,110	\$0	\$0	\$0	\$0	\$1,758,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$773,055	\$773,055			\$773,055					\$773,055
System Revenue - Cash	\$105,945	\$105,945	\$105,945	\$105,945						\$105,945
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$879,000	\$879,000	\$105,945	\$105,945	\$773,055					\$879,000
TOTAL SOURCES	\$1,758,000	\$1,758,000	\$211,890	\$211,890	\$1,546,110	\$0	\$0	\$0	\$0	\$1,758,000
Explain & Identify Type of Other Sources: Fund 42 Fund Balance						Project Manager: Jennifer Lee				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
McHard Rd. 16" Waterline Phase II					WA1601		3			
PROJECT DESCRIPTION					PROJECT IMAGE					
Phase II extends from Cullen Parkway to Mykawa a total of 17,340 linear feet. This portion of the project is timed to coincide with Right of Way approval and acquisition for the McHard Road project.										
PROJECT JUSTIFICATION										
This will be a second continuous connection between the east and west sides of the City. It will allow for more efficient water flow, better fire protection and the movement of water from the expanded Alice Street Water Plant. This will reduce monthly average payments for water supplied to the west side from the Far North West plant where purchase prices are much higher.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance			(\$375,000)	(\$750,000)	(\$750,000)					
Capital Outlay										
Total Expense			(\$375,000)	(\$750,000)	(\$750,000)					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
Purchased water from the City of Houston Connection at Alice Street will reduce by approximately \$750,000/year.										
PROJECT COSTS ALLOCATION					FY PROJECTED ALLOCATIONS					
	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way										\$0
Design/Surveying	\$100,000	\$100,000			\$100,000					\$100,000
Construction	\$5,206,480	\$5,206,480				\$3,000,000	\$2,206,480			\$5,206,480
Equipment and Furniture										\$0
Contingency	\$630,000	\$630,000					\$630,000			\$630,000
TOTAL COSTS	\$5,936,480	\$5,936,480	\$0	\$0	\$100,000	\$3,000,000	\$2,836,480	\$0	\$0	\$5,936,480
FUNDING SOURCES					FY PROJECTED FUNDING SOURCES					
	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$2,968,240	\$2,968,240				\$1,500,000	\$1,468,240			\$2,968,240
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt	\$2,868,240	\$2,868,240				\$1,500,000	\$1,368,240			\$2,868,240
Other Funding Sources ¹ -	\$100,000	\$100,000			\$100,000					\$100,000
TOTAL SOURCES	\$5,936,480	\$5,936,480	\$0	\$0	\$100,000	\$3,000,000	\$2,836,480	\$0	\$0	\$5,936,480
¹ Explain & Identify Type of Other Sources: Fund 42 fund balance.							Project Manager: Jennifer Lee			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Hughes Ranch Road West 12" Water Line					WA1602		9			
PROJECT DESCRIPTION					PROJECT IMAGE					
Installation of approximately 3,000 LF of 12" water line along Hughes Ranch Road from CR 94 to Cullen Parkway. This water line connection will be done in coordination with the Hughes Ranch Road Expansion from CR 94 to Cullen Parkway. Infill of existing system 1,550 LF North Hampton to Brookney and 1,450 LF Smith to May Court.										
PROJECT JUSTIFICATION										
There is currently several missing sections of water line totaling approximately 5,200' along Hughes Ranch Road. The water line will connect existing City lines to acquired MUD water lines.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way										\$0
Design/Surveying	\$125,000	\$125,000			\$125,000					\$125,000
Construction	\$920,000	\$920,000			\$460,000	\$460,000				\$920,000
Equipment and Furniture										\$0
Contingency	\$156,000	\$156,000				\$156,000				\$156,000
TOTAL COSTS	\$1,201,000	\$1,201,000	\$0	\$0	\$585,000	\$616,000	\$0	\$0	\$0	\$1,201,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$600,500	\$600,500			\$292,500	\$308,000				\$600,500
System Revenue - Cash										\$0
Impact Fees - Cash	\$292,500	\$292,500			\$292,500					\$292,500
Impact Fees - Debt	\$308,000	\$308,000				\$308,000				\$308,000
Other Funding Sources ¹ -										\$0
TOTAL SOURCES	\$1,201,000	\$1,201,000	\$0	\$0	\$585,000	\$616,000	\$0	\$0	\$0	\$1,201,000
Explain & Identify Type of Other Sources:						Project Manager: Andrea Brinkley				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Underground Piping Infrastructure at Water Production Facilities					WA1603		7			
PROJECT DESCRIPTION					PROJECT IMAGE					
This project will replace significant portions of the aging large diameter water conveyance pipe located at water production facilities. This project will inspect each facility and make recommendations for the design and replacement of failing piping within each facility.										
PROJECT JUSTIFICATION										
The Public Works Department has experienced several failures of water lines at the water production facilities over the past several years. Most of the water line infrastructure at the production facilities is original to the facilities and has not been replaced. This project will reduce service interruptions.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$50,000	\$50,000			\$50,000					\$50,000
Land/Right of Way										\$0
Design/Surveying	\$200,000	\$200,000			\$200,000					\$200,000
Construction	\$1,000,000	\$1,000,000				\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000
Equipment and Furniture										\$0
Contingency										\$0
TOTAL COSTS	\$1,250,000	\$1,250,000	\$0	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash	\$1,000,000	\$1,000,000				\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$250,000	\$250,000			\$250,000					\$250,000
TOTAL SOURCES	\$1,250,000	\$1,250,000	\$0	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
Explain & Identify Type of Other Sources: Fund 301 fund balance.						Project Manager: Tracy Sombrano				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Transite Pipe Water Line Replacement					WA1604		5			
PROJECT DESCRIPTION					PROJECT IMAGE					
Replace approximately 50 miles of failing transite pipe water lines (over 30 years old) in the City with PVC water lines. The project will replace the water line infrastructure in the following locations over a period of years - Corrigan Subdivision, Old Towne, Summeret/Shrine, Country Place, Green Tee, Westminster, Brookside Acres, Shadycrest, Creek View, Parkview, Wood Creek, Heritage Green, Clear Creek Estates, and Twin Creek Woods.										
PROJECT JUSTIFICATION										
Transite pipe water line has a failure rate significantly higher than that of comparable and like sized PVC. This project will in time replace the failing transite pipe infrastructure with more robust PVC which was not prevalent in the industry at the time the transite pipe lines were installed. The transite pipe lines are responsible for a higher percentage of work orders per foot than comparable PVC lines and require an inordinate amount of resources to maintain relative to PVC. The projects will also provide the opportunity to resolve dead end water line issues in the effected areas which will improve water quality.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way										\$0
Design/Surveying	\$110,000	\$110,000			\$50,000	\$60,000				\$110,000
Construction	\$14,000,000	\$14,000,000			\$200,000	\$440,000	\$1,000,000	\$1,000,000	\$1,500,000	\$4,140,000
Equipment and Furniture										\$0
Contingency										\$0
TOTAL COSTS	\$14,110,000	\$14,110,000	\$0	\$0	\$250,000	\$500,000	\$1,000,000	\$1,000,000	\$1,500,000	\$4,250,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash	\$14,110,000	\$14,110,000			\$250,000	\$500,000	\$1,000,000	\$1,000,000	\$1,500,000	\$4,250,000
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -										\$0
TOTAL SOURCES	\$14,110,000	\$14,110,000	\$0	\$0	\$250,000	\$500,000	\$1,000,000	\$1,000,000	\$1,500,000	\$4,250,000
Explain & Identify Type of Other Sources: Project to carryover to 2025							Project Manager: Public Works			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Surface Water Plant					WA1605		2			
PROJECT DESCRIPTION					PROJECT IMAGE					
Pilot testing, design, and construction of a 10 MGD Surface Water Treatment Plant that will treat raw water from the Gulf Coast Water Authority (GCWA) canal for distribution throughout the City's water system. In addition, the project will include 24" transmission lines. A future phase will include an additional 10 MGD of capacity. The plant will be located on City property on CR48 south of CR59, which is adjacent to the GCWA canal. Pilot testing will begin in FY2017 followed by design and construction. The project is scheduled to be completed over a five year period with new capacity available by 2022.										
PROJECT JUSTIFICATION										
The project will provide additional potable water capacity to meet demand as the City continues to grow. The 2012 Water Model Update based on growth projections established that the demand for an additional 10 MGD would need to be met by 2022.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$2,515,000	\$2,515,000			\$100,000	\$2,415,000				\$2,515,000
Land/Right of Way										\$0
Design/Surveying	\$6,400,000	\$6,400,000					\$6,400,000			\$6,400,000
Construction	\$62,100,000	\$62,100,000						\$25,000,000	\$27,000,000	\$52,000,000
Equipment and Furniture	\$200,000	\$200,000								\$0
Contingency	\$17,700,000	\$17,700,000				\$500,000	\$500,000	\$6,000,000	\$7,000,000	\$14,000,000
TOTAL COSTS	\$88,915,000	\$88,915,000	\$0	\$0	\$100,000	\$2,915,000	\$6,900,000	\$31,000,000	\$34,000,000	\$74,915,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$44,407,500	\$44,407,500				\$1,457,500	\$3,450,000	\$15,500,000	\$17,000,000	\$37,407,500
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt	\$41,656,150	\$41,656,150					\$1,948,650	\$15,500,000	\$17,000,000	\$34,448,650
Other Funding Sources ¹ -	\$2,851,350	\$2,851,350			\$100,000	\$1,457,500	\$1,501,350			\$3,058,850
TOTAL SOURCES	\$88,915,000	\$88,915,000	\$0	\$0	\$100,000	\$2,915,000	\$6,900,000	\$31,000,000	\$34,000,000	\$74,915,000
Explain & Identify Type of Other Sources: Fund 42 Fund Balance and reallocation of \$109,947 from City of Houston Waterline. This project carries over to 2021. Project 7 in 2013 impact fee update.							Project Manager: Skipper Jones			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
FM 521 Ground Storage Tank Expansion					WA1701		11				
PROJECT DESCRIPTION					PROJECT IMAGE						
Installation of a third 1.66 MGD ground storage tank and related piping and controls to work in conjunction with the McHard Water transmission line.											
PROJECT JUSTIFICATION											
The McHard Road transmission line was designed to transfer cheaper water from City of Houston Southeast Plant to the west side of Pearland and replace water purchased at a more expensive rate from the City of Houston's Hiram Clark Plant. This tank is required to store the water from the Alice Street plant.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance				\$60,086	\$120,172						
Capital Outlay											
Total Expense				\$60,086	\$120,172						
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$76,250	\$76,250				\$76,250				\$76,250
Land/Right of Way											\$0
Design/Surveying		\$228,800	\$228,800				\$228,800				\$228,800
Construction		\$1,691,700	\$1,691,700					\$1,691,700			\$1,691,700
Equipment and Furniture											\$0
Contingency		\$480,200	\$480,200					\$480,200			\$480,200
TOTAL COSTS		\$2,476,950	\$2,476,950	\$0	\$0	\$0	\$305,050	\$2,171,900	\$0	\$0	\$2,476,950
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds		\$1,238,475	\$1,238,475				\$152,525	\$1,085,950			\$1,238,475
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt		\$1,085,950	\$1,085,950					\$1,085,950			\$1,085,950
Other Funding Sources ¹ -		\$152,525	\$152,525				\$152,525				\$152,525
TOTAL SOURCES		\$2,476,950	\$2,476,950	\$0	\$0	\$0	\$305,050	\$2,171,900	\$0	\$0	\$2,476,950
¹ Explain & Identify Type of Other Sources: Fund 42 Fund Balance. Project 14 in 2013 impact fee update.							Project Manager: Les Saberniak				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Water Meter Changeout					WA1702		4				
PROJECT DESCRIPTION					PROJECT IMAGE						
Changeout of approximately 33,000 water meters and drive-by reading system with a wireless remote read and addition of Customer Portal Technology. The changeout will include remote antennae, meters, external antennae on meter lids, installation, hardware and software, and vaults as needed.											
PROJECT JUSTIFICATION											
AWWA standards recommends that residential meters be replaced when over 10 years old or more than 1.0 mill gallons have passed through the meter. By 2017 approximately 22,000 meters in Pearland will be older than 10 years old or have 1.0 million gallons that have passed through the meters. The AWWA standard is based on .25 gallons per min. The newer meters will register .03 gallons per minute, thus measuring more water, increasing revenues and reducing water loss. Newer technology will allow for remote turn on and off and capture water and loss associated with a given area. Customer expectations are also higher wanting information more readily to view (graphs, etc.) and the customer portal would provide.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget											
					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report											\$0
Land/Right of Way											\$0
Design/Surveying											\$0
Construction											\$0
Equipment and Furniture		\$11,000,000	\$11,000,000				\$11,000,000				\$11,000,000
Contingency											\$0
TOTAL COSTS		\$11,000,000	\$11,000,000	\$0	\$0	\$0	\$11,000,000	\$0	\$0	\$0	\$11,000,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds											\$0
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$11,000,000	\$11,000,000				\$11,000,000				\$11,000,000
TOTAL SOURCES		\$11,000,000	\$11,000,000	\$0	\$0	\$0	\$11,000,000	\$0	\$0	\$0	\$11,000,000
Explain & Identify Type of Other Sources: Lease purchase (10 yr)							Project Manager: Utility Billing				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Hughes Ranch Road East 12" Water Line Phase II					WA1801		16			
PROJECT DESCRIPTION					PROJECT IMAGE					
Installation of approximately 2,200 LF of 8" water line, extending along Hughes Ranch Road from Cullen Parkway to Max Road, near the Sports Complex. This water line extension will be completed in coordination with the Hughes Ranch Road Expansion from Cullen to Stone Road.										
PROJECT JUSTIFICATION										
The water line extension will tie dead end water line on Max Road into the transmission line on Cullen. Existing lines along Max Road and this segment of Hughes Ranch Road are MUD lines, 980 LF of this line would be in the ETJ and will not be extended by future development.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way	\$220,000	\$220,000					\$220,000			\$220,000
Design/Surveying	\$150,000	\$150,000					\$150,000			\$150,000
Construction	\$350,000	\$350,000						\$350,000		\$350,000
Equipment and Furniture										\$0
Contingency	\$156,000	\$156,000						\$156,000		\$156,000
TOTAL COSTS	\$876,000	\$876,000	\$0	\$0	\$0	\$0	\$370,000	\$506,000	\$0	\$876,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$876,000	\$876,000					\$370,000	\$506,000		\$876,000
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -										\$0
TOTAL SOURCES	\$876,000	\$876,000	\$0	\$0	\$0	\$0	\$370,000	\$506,000	\$0	\$876,000
Explain & Identify Type of Other Sources:							Project Manager: Andrea Brinkley			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
FM 1128 16" Waterline					WA1802		15				
PROJECT DESCRIPTION					PROJECT IMAGE						
To install approximately 5,300 feet of 16-inch water line along FM 1128 (Marvel Rd) from Bailey Rd. to CR100.											
PROJECT JUSTIFICATION											
This will loop the system for pressure and fire protection based on 2007 Water Model Update and will supply water to future development.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$45,000	\$45,000					\$45,000			\$45,000
Land/Right of Way		\$100,000	\$100,000					\$100,000			\$100,000
Design/Surveying		\$95,000	\$95,000					\$95,000			\$95,000
Construction		\$1,000,000	\$1,000,000						\$1,000,000		\$1,000,000
Equipment and Furniture											\$0
Contingency		\$285,000	\$285,000						\$285,000		\$285,000
TOTAL COSTS		\$1,525,000	\$1,525,000	\$0	\$0	\$0	\$0	\$240,000	\$1,285,000	\$0	\$1,525,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds		\$839,525	\$839,525					\$132,025	\$707,500		\$839,525
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt											\$0
Other Funding Sources ¹ -		\$685,475	\$685,475					\$107,975	\$577,500		\$685,475
TOTAL SOURCES		\$1,525,000	\$1,525,000	\$0	\$0	\$0	\$0	\$240,000	\$1,285,000	\$0	\$1,525,000
¹ Explain & Identify Type of Other Sources: Fund 42 Fund Balance. Project 8 in 2013 impact fee update.							Project Manager: Les Saberniak				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
CR 100 Waterline					WA1803		14				
PROJECT DESCRIPTION					PROJECT IMAGE						
To install approximately 13,160 feet of 16-inch water line along CR 100 from Veterans Dr. to FM 1128 (Manvel Rd).											
PROJECT JUSTIFICATION											
This will supply water for future development along this corridor based on the 2007 Water Model update, projected growth for 2017 demand and is developer driven.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$100,000	\$100,000					\$100,000			\$100,000
Land/Right of Way		\$250,000	\$250,000					\$250,000			\$250,000
Design/Surveying		\$320,000	\$320,000					\$320,000			\$320,000
Construction		\$2,355,000	\$2,355,000						\$2,355,000		\$2,355,000
Equipment and Furniture											\$0
Contingency		\$485,000	\$485,000						\$485,000		\$485,000
TOTAL COSTS		\$3,510,000	\$3,510,000	\$0	\$0	\$0	\$0	\$670,000	\$2,840,000	\$0	\$3,510,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds		\$1,755,000	\$1,755,000					\$335,000	\$1,420,000		\$1,755,000
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt		\$935,000	\$935,000						\$935,000		\$935,000
Other Funding Sources ¹ -		\$820,000	\$820,000					\$335,000	\$485,000		\$820,000
TOTAL SOURCES		\$3,510,000	\$3,510,000	\$0	\$0	\$0	\$0	\$670,000	\$2,840,000	\$0	\$3,510,000
¹ Explain & Identify Type of Other Sources: Fund 42 Fund Balance. Project 9 in 2013 impact fee update.							Project Manager: Cara Davis				
							Project's Approval Date: 6/22/2015				

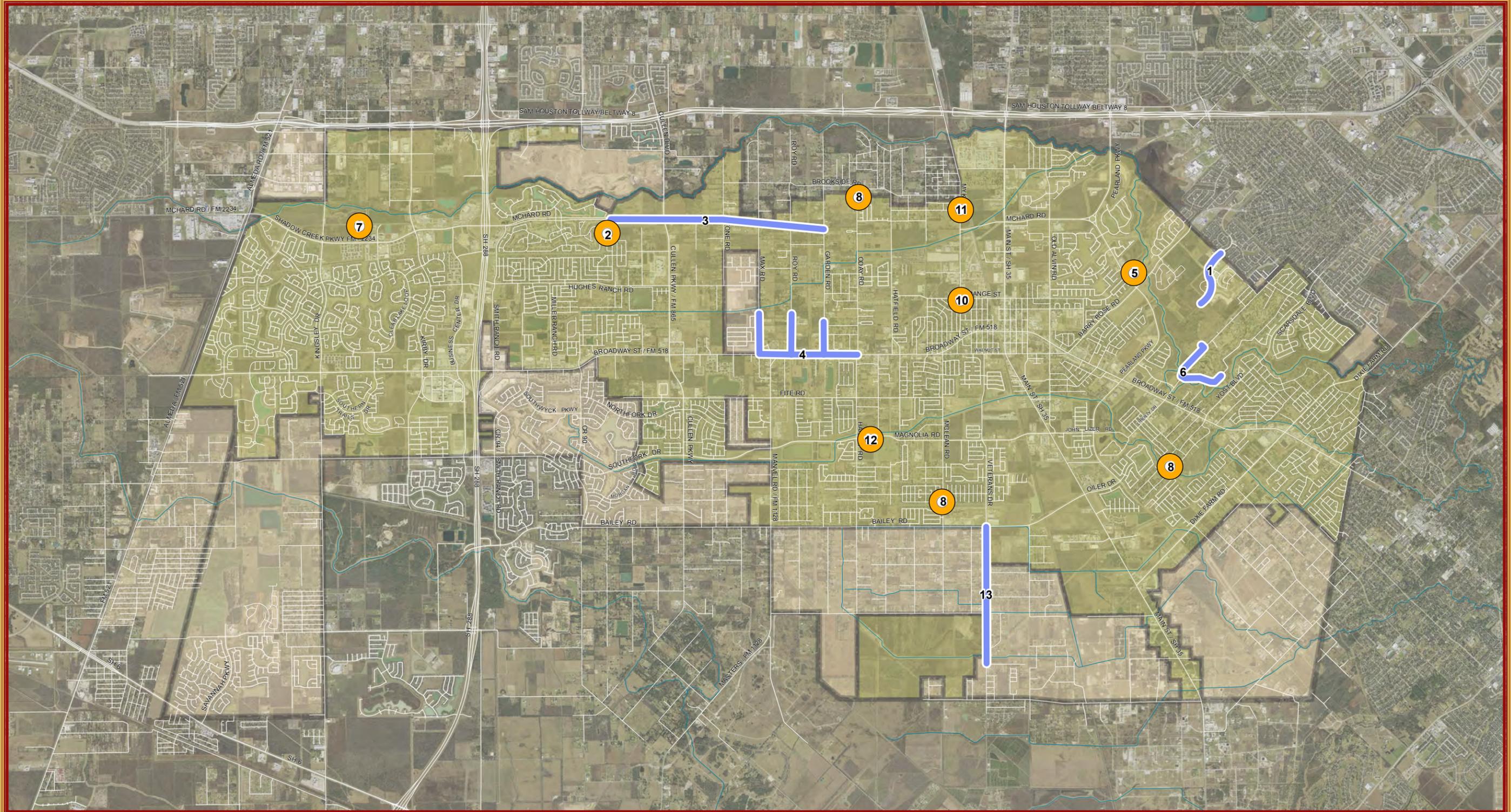
PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Harkey Rd. Waterline from CR100 to CR128 & CR128 from Harkey to Veterans					WA1804		13			
PROJECT DESCRIPTION					PROJECT IMAGE					
To install approximately 13,300 feet of 12-inch waterline from Harkey Rd/CR100 south to CR128 then east to Veterans Dr.										
PROJECT JUSTIFICATION										
This will loop the system for pressure and fire protection based on 2007 Water Model Update and will supply water to future development.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$78,000	\$78,000					\$78,000			\$78,000
Land/Right of Way	\$250,000	\$250,000					\$250,000			\$250,000
Design/Surveying	\$250,000	\$250,000					\$250,000			\$250,000
Construction	\$1,960,000	\$1,960,000						\$1,960,000		\$1,960,000
Equipment and Furniture										\$0
Contingency	\$325,000	\$325,000						\$325,000		\$325,000
TOTAL COSTS	\$2,863,000	\$2,863,000	\$0	\$0	\$0	\$0	\$578,000	\$2,285,000	\$0	\$2,863,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$1,431,500	\$1,431,500					\$289,000	\$1,142,500		\$1,431,500
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt	\$1,142,500	\$1,142,500						\$1,142,500		\$1,142,500
Other Funding Sources ¹ -	\$289,000	\$289,000					\$289,000			\$289,000
TOTAL SOURCES	\$2,863,000	\$2,863,000	\$0	\$0	\$0	\$0	\$578,000	\$2,285,000	\$0	\$2,863,000
Explain & Identify Type of Other Sources: Fund 42 Fund Balance. Project 10 in 2013 impact fee update.							Project Manager: Cara Davis			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Veterans Dr. Bailey Rd. to CR 128 16" Waterline					WA1805		12				
PROJECT DESCRIPTION					PROJECT IMAGE						
To install approximately 5,300 feet of 16-inch water line on Veterans Dr. from Bailey Rd, south to CR 100 and continue an additional 5,300 feet with a 12-inch line from CR 100 to CR 128.											
PROJECT JUSTIFICATION											
This will loop the system for pressure and fire protection based on 2007 Water Model Update and will supply water to future development.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance											
Capital Outlay											
Total Expense											
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$78,000	\$78,000					\$78,000			\$78,000
Land/Right of Way		\$300,000	\$300,000					\$300,000			\$300,000
Design/Surveying		\$280,000	\$280,000					\$280,000			\$280,000
Construction		\$2,070,000	\$2,070,000						\$2,070,000		\$2,070,000
Equipment and Furniture											\$0
Contingency		\$325,000	\$325,000						\$325,000		\$325,000
TOTAL COSTS		\$3,053,000	\$3,053,000	\$0	\$0	\$0	\$0	\$658,000	\$2,395,000	\$0	\$3,053,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds		\$1,526,500	\$1,526,500					\$329,000	\$1,197,500		\$1,526,500
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt		\$1,197,500	\$1,197,500						\$1,197,500		\$1,197,500
Other Funding Sources ¹ -		\$329,000	\$329,000					\$329,000			\$329,000
TOTAL SOURCES		\$3,053,000	\$3,053,000	\$0	\$0	\$0	\$0	\$658,000	\$2,395,000	\$0	\$3,053,000
¹ Explain & Identify Type of Other Sources: Fund 42 Fund Balance. Project 11 in 2013 impact fee update.								Project Manager: Andrea Brinkley			
								Project's Approval Date: 6/22/2015			

**CITY OF PEARLAND
2016 - 2020 CAPITAL IMPROVEMENT PROGRAM
WASTEWATER**

Project No.	Project Name	2016	2017	2018	2019	2020	TOTAL
WW0901	Riverstone Ranch Oversizing	163,452					163,452
WW1201	Southdown WWTP Rehabilitation	850,000					850,000
WW1405	Reflection Bay Water Reclamation	29,814,000	13,700,000				43,514,000
WW1406	McHard Rd Trunk Sewer (Garden to Southdown WWTP)	1,155,000	3,599,900				4,754,900
WW1502	Barry Rose WWTP Expansion	300,000	2,940,000	15,832,000	13,488,000		32,560,000
WW1506	Lift Station Program	440,800	560,000	836,250	560,000	560,000	2,957,050
WW1507	Sanitary Sewer Rehabilitation	250,000	500,000	1,000,000	1,000,000	1,500,000	4,250,000
WW1601	Orange Mykawa Lift Station Retirement - WWM Project 33	166,300	1,008,900				1,175,200
WW1602	Relocation Mykawa/Scott LS - WWM Project 5	335,000	4,152,720				4,487,720
WW1603	JHEC WWTP Expansion - WWM Project 29A	2,960,000	26,780,000	6,678,300			36,418,300
WW1604	Green Tee 1 to Riverstone Wastewater Diversion (Longwood Service Area Phase 1)	182,000	741,000				923,000
WW1605	Roy/Max/Garden Roads Basin Sewage System - WWM Project 12	50,000	355,000	2,440,000			2,845,000
WW1801	Veterans Drive Lift Station Service Area - WWM Project 11			1,237,372	7,662,545		8,899,917
	TOTAL	\$ 36,666,552	\$ 54,337,520	\$ 28,023,922	\$ 22,710,545	\$ 2,060,000	\$ 143,798,539

SOURCE OF FUNDS	2016	2017	2018	2019	2020	TOTAL
General Revenue - Cash						
Certificates of Obligation						
General Obligation Bonds						
New/Proposed GO Bonds						
P.E.D.C.						
W/S Revenue Bonds	25,623,300	22,951,869	14,467,914	11,135,272	560,000	74,738,355
System Revenues - Cash	250,000	500,000	1,000,000	1,000,000	1,500,000	4,250,000
Impact Fees - Cash						
Impact Fees - Debt	20,916,500	16,659,950	12,272,650	10,575,273		60,424,373
Other Funding Sources	3,576,752	525,701	283,358			4,385,811
TOTAL	\$ 50,366,552	\$ 40,637,520	\$ 28,023,922	\$ 22,710,545	\$ 2,060,000	\$ 143,798,539



CITY OF PEARLAND

2016 - 2020

Capital Improvement Projects

Wastewater

- | | |
|--|---|
| 1 Riverstone Ranch Oversizing.....2016 | 7 Reflection Bay Water Reclamation.....2016-2017 |
| 2 Southdown WWTP Rehabilitation (WWM Project 31A).....2016 | 8 Lift Station Program (Springfield, Pearland Heights & Mary's Creek).....2016-2020 |
| 3 McHard Road Trunk Sewer.....2016-2017 | 9 Sanitary Sewer Rehabilitation (Multiple Locations - Not Shown).....2016-2020 |
| 4 Roy/Max/Garden Rds Basin Sewage System (WWM Project 12)...2016-2018 | 10 Orange Mykawa Lift Station Retirement (WWM Project 33).....2016-2017 |
| 5 Barry Rose WWTP Expansion.....2016-2019 | 11 Relocation Mykawa/Scott Lift Station (WWM Project 5).....2016-2017 |
| 6 Green Tee 1 to Riverstone Wastewater Diversion (Longwood Service Area Phase 1).....2016-2017 | 12 JHEC WWTP Expansion (WWM Project 29A).....2016-2018 |
| | 13 Veterans Dr Lift Station Service Area (WWM Project 11).....2018-2019 |

City Limits
ETJ

1:72,407 or 1 in = 1 miles

0 0.5 1 2
Miles

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

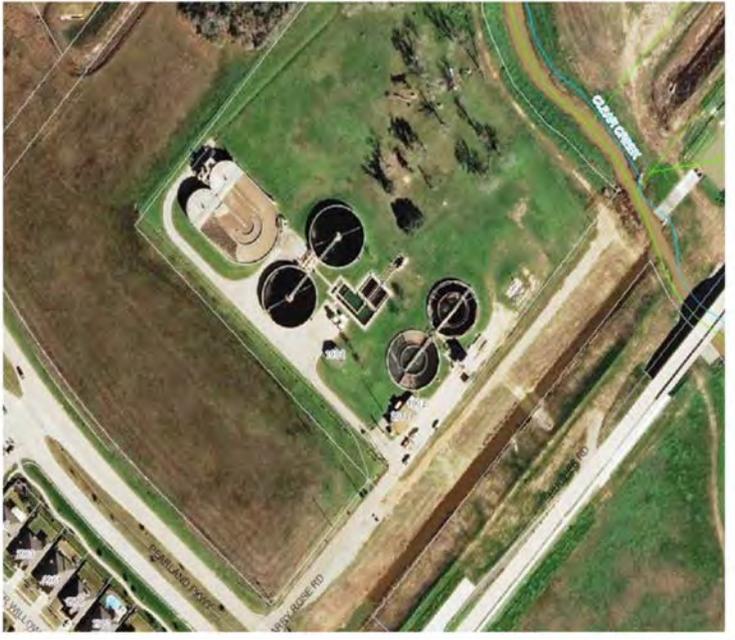
MAP PREPARED: JULY 2015
CITY OF PEARLAND GIS DEPARTMENT

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Riverstone Ranch Oversizing					WW0901		6			
PROJECT DESCRIPTION					PROJECT IMAGE					
Oversizing of the Riverstone Ranch development's sewer infrastructure in order to incorporate into the City's larger system.										
PROJECT JUSTIFICATION										
This project accomplishes a portion of the overall plan developed in the Longwood Wastewater Basin study to eliminate the need for an expansion or long-term operation of the Longwood Wastewater Treatment Plant. This project also eliminates three lift stations in the Green Tee Subdivision.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance		(\$12,300)	(\$16,400)	(\$16,400)	(\$16,400)					
Capital Outlay										
Total Expense		(\$12,300)	(\$16,400)	(\$16,400)	(\$16,400)					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way										\$0
Design/Surveying	\$407,921	\$407,921	\$382,031	\$382,031	\$25,890					\$407,921
Construction	\$271,688	\$271,688	\$168,126	\$168,126	\$103,562					\$271,688
Equipment and Furniture										\$0
Contingency	\$34,000	\$34,000			\$34,000					\$34,000
TOTAL COSTS	\$713,609	\$713,609	\$550,157	\$550,157	\$163,452	\$0	\$0	\$0	\$0	\$713,609
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash	\$296,778	\$296,778	\$296,778	\$296,778						\$296,778
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$416,831	\$416,831	\$253,379	\$253,379	\$163,452					\$416,831
TOTAL SOURCES	\$713,609	\$713,609	\$550,157	\$550,157	\$163,452	\$0	\$0	\$0	\$0	\$713,609
¹ Explain & Identify Type of Other Sources: \$43,222 in 2013 from WW0902 - Longwood Lift Station Replacement project. Fund 42 fund balance.							Project Manager: Engineering			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Southdown (North Central) WWTP Rehabilitation -WWM Project 31A					WW1201		4			
PROJECT DESCRIPTION					PROJECT IMAGE					
Rehabilitate influent lift station wet well, replace pump discharge piping within the wet well, retrofit and rehab the two existing Parkson rotating fine screens, replace sludge airlift pump boxes in aeration basins with stainless steel, install process Water Sprayer Assembly at existing clarifier, drain clarifier and replace corner sweeps on clarifier mechanism; install stamford baffles on square clarifiers, and repair sand filter.										
PROJECT JUSTIFICATION										
Extend the life of the Southdown WWTP and improve operations.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$54,897	\$54,897	\$54,897	\$54,897						\$54,897
Land/Right of Way	\$0	\$0								\$0
Design/Surveying	\$137,334	\$137,334	\$137,334	\$137,334						\$137,334
Construction	\$1,293,370	\$1,293,370	\$443,370	\$443,370	\$850,000					\$1,293,370
Equipment and Furniture	\$0	\$0								\$0
Contingency	\$97,175	\$97,175	\$97,175	\$97,175						\$97,175
TOTAL COSTS	\$1,582,776	\$1,582,776	\$732,776	\$732,776	\$850,000	\$0	\$0	\$0	\$0	\$1,582,776
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds										\$0
System Revenue - Cash	\$594,596	\$594,596	\$594,596	\$594,596						\$594,596
Impact Fees - Cash	\$0	\$0								\$0
Impact Fees - Debt	\$0	\$0								\$0
Other Funding Sources ¹ -	\$988,180	\$988,180	\$138,180	\$138,180	\$850,000					\$988,180
TOTAL SOURCES	\$1,582,776	\$1,582,776	\$732,776	\$732,776	\$850,000	\$0	\$0	\$0	\$0	\$1,582,776
Explain & Identify Type of Other Sources: Fund 67 Fund Balance, Fund 302 MUD 4 bond proceeds \$677,560.						Project Manager: Andrea Brinkley				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Reflection Bay Water Reclamation					WW1405		1				
PROJECT DESCRIPTION					PROJECT IMAGE						
Growth rates within the service area have increased both average daily flows and the biological loading contained in the plant's influent requiring construction of a 4 MGD treatment capacity expansion. The project includes the design, permitting and construction upgrades of the lift station, headwork's, addition of four continuous flow 1 MGD basins modifications to the existing basins to create two additional 1 MGD continuous flow basins, new filtration and UV disinfectant systems, expansion of the sludge holding tanks, addition of two belt press dewatering systems, a new non-potable water system and new SCADA control for a total plant capacity of 6 MGD.											
PROJECT JUSTIFICATION											
The existing plant reached 75% of its rated capacity in 2013. TCEQ rules require that operators begin design once a plant reaches 75% capacity for a period of three consecutive months. Plant design, permitting and construction are scheduled to be completed in late 2017. Current flows require a doubling of existing capacity but with the addition of flows from the Southdown plant, planned to occur around 2024, and the inclusion of the flows from development in the Lower Kirby area a full 6 MGD expansion provides better economies of scale at this point in time. In addition, a smaller expansion would require a second expansion to start within two years of completing this expansion.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance			\$180,258	\$240,344	\$240,344						
Capital Outlay											
Total Expense			\$180,258	\$240,344	\$240,344						
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$414,000	\$414,000	\$414,000	\$414,000						\$414,000
Land/Right of Way											\$0
Design/Surveying		\$4,408,000	\$4,408,000	\$4,000,000	\$4,408,000						\$4,408,000
Construction		\$39,000,000	\$39,000,000			\$27,300,000	\$11,700,000				\$39,000,000
Equipment and Furniture											\$0
Contingency		\$5,000,000	\$5,000,000	\$486,000	\$486,000	\$2,514,000	\$2,000,000				\$5,000,000
TOTAL COSTS		\$48,822,000	\$48,822,000	\$4,900,000	\$5,308,000	\$29,814,000	\$13,700,000	\$0	\$0	\$0	\$48,822,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds		\$24,615,000	\$24,615,000	\$1,032,000	\$1,440,000	\$23,175,000					\$24,615,000
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt		\$20,339,000	\$20,339,000			\$20,339,000					\$20,339,000
Other Funding Sources ¹ -		\$3,868,000	\$3,868,000	\$3,868,000	\$3,868,000						\$3,868,000
TOTAL SOURCES		\$48,822,000	\$48,822,000	\$4,900,000	\$5,308,000	\$43,514,000	\$0	\$0	\$0	\$0	\$48,822,000
¹ Explain & Identify Type of Other Sources: Fund 42 and Fund 44 Fund Balance. Waste water project 7 in 2013 impact fee update. TWDB Loan in amount of \$55,000,000, including \$11 million package plant.							Project Manager: Andrea Brinkley				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
McHard Rd Trunk Sewer (Garden to Southdown WWTP)					WW1406		9			
PROJECT DESCRIPTION					PROJECT IMAGE					
Install, along McHard Rd, approximately 4,500 feet of 24" trunk sewer from Cullen to Southdown WWTP; 5,800 feet of 18" trunk sewer from Cullen to Max Road; and approximately 4,000 LF of 15" trunk sewer from Max Road to Garden Road.										
PROJECT JUSTIFICATION										
This project will provide gravity sewer and is called for in the wastewater model. Extends Southdown service area to the east, picking up areas not currently served by City system.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way										\$0
Design/Surveying	\$886,261	\$886,261	\$486,261	\$886,261						\$886,261
Construction	\$3,703,800	\$3,703,800			\$1,155,000	\$2,548,800				\$3,703,800
Equipment and Furniture										\$0
Contingency	\$1,051,100	\$1,051,100				\$1,051,100				\$1,051,100
TOTAL COSTS	\$5,641,161	\$5,641,161	\$486,261	\$886,261	\$1,155,000	\$3,599,900	\$0	\$0	\$0	\$5,641,161
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$2,803,195	\$2,803,195	\$225,745	\$425,745	\$577,500	\$1,799,950				\$2,803,195
System Revenue - Cash	\$34,771	\$34,771	\$34,771	\$34,771						\$34,771
Impact Fees - Cash										\$0
Impact Fees - Debt	\$2,377,450	\$2,377,450			\$577,500	\$1,799,950				\$2,377,450
Other Funding Sources ¹ -	\$425,745	\$425,745	\$225,745	\$425,745						\$425,745
TOTAL SOURCES	\$5,641,161	\$5,641,161	\$486,261	\$886,261	\$1,155,000	\$3,599,900	\$0	\$0	\$0	\$5,641,161
Explain & Identify Type of Other Sources: Fund 42 Fund Balance. Waste water project 8 in 2013 impact fee update. Probable Oversizing Agreement with Park Lake Subdivision for the 24" segment							Project Manager: Jennifer Lee			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Barry Rose WWTP Expansion					WW1502		2				
PROJECT DESCRIPTION					PROJECT IMAGE						
<p>In 2015 staff will conduct a Preliminary Engineering Report to determine the specific design parameters required for the plant expansion, including volume and biological loading. In 2017 capacity expansion design will begin. In 2018 the package plant will be relocated to Barry Rose plant to ensure plant effluent remains within permit during the construction schedule. In 2020 construction of approximately a 2 MGD sequencing batch reactor plant will begin which will be a separate plant to be run in parallel with the existing plant, for a total capacity of 5 MGD.</p>											
PROJECT JUSTIFICATION											
<p>The TCEQ rules require the initiation of engineering and financial planning to upgrade a wastewater treatment plant when the flows reach 75% of the plant capacity. The plant is currently treating approximately 46% of the capacity.</p>											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance				\$42,060	\$168,241						
Capital Outlay											
Total Expense				\$42,060	\$168,241						
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$300,000	\$300,000	\$300,000	\$350,000		\$300,000					\$300,000
Land/Right of Way											\$0
Design/Surveying	\$2,940,000	\$2,940,000					\$2,940,000				\$2,940,000
Construction	\$25,720,000	\$25,720,000						\$15,832,000	\$9,888,000		\$25,720,000
Equipment and Furniture											\$0
Contingency	\$3,600,000	\$3,600,000							\$3,600,000		\$3,600,000
TOTAL COSTS	\$32,560,000	\$32,560,000		\$350,000	\$0	\$300,000	\$2,940,000	\$15,832,000	\$13,488,000	\$0	\$32,560,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds	\$16,130,000	\$16,130,000					\$1,470,000	\$7,916,000	\$6,744,000		\$16,130,000
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt	\$16,130,000	\$16,130,000					\$1,470,000	\$7,916,000	\$6,744,000		\$16,130,000
Other Funding Sources ¹ -	\$300,000	\$300,000		\$350,000		\$300,000					\$300,000
TOTAL SOURCES	\$32,560,000	\$32,560,000		\$350,000	\$0	\$300,000	\$2,940,000	\$15,832,000	\$13,488,000	\$0	\$32,560,000
¹ Explain & Identify Type of Other Sources: Fund 42 Fund Balance. Waste water project 2 in 2013 impact fee update.							Project Manager: Skipper Jones				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Lift Station Program					WW1506		8			
PROJECT DESCRIPTION					PROJECT IMAGE					
FY16 - Convert the Springfield lift station into a manhole and gravity flow all wastewater 1,300 feet south to the Park Village Lift station on the east side of McLean. FY17 - Convert the Pearland Heights Lift Station into a manhole and gravity flow the wastewater to the lift station located at 1630 Rice Road. FY18 - Demolish and reconstruct the 30 year old Mary's Creek Lift Station in the area adjacent to the current location.										
PROJECT JUSTIFICATION										
The pumps at these facilities are currently above ground centrifugal pumps that have been in service for 30+ years. The rehab of these facilities would be costly and consist of submersible pump replacements with guide rail systems, raising wet well top to a higher elevation, relining wet well and upgrading the control panels. It is less costly to convert these facilities to gravity flow manholes.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance		(\$8,200)	(\$8,200)	(\$8,200)	(\$8,200)					
Capital Outlay										
Total Expense		(\$8,200)	(\$8,200)	(\$8,200)	(\$8,200)					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way										\$0
Design/Surveying	\$325,850	\$325,850	\$57,000	\$59,600		\$60,000	\$86,250	\$60,000	\$60,000	\$325,850
Construction	\$2,690,800	\$2,690,800			\$440,800	\$500,000	\$750,000	\$500,000	\$500,000	\$2,690,800
Equipment and Furniture										\$0
Contingency										\$0
TOTAL COSTS	\$3,016,650	\$3,016,650	\$57,000	\$59,600	\$440,800	\$560,000	\$836,250	\$560,000	\$560,000	\$3,016,650
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$2,957,050	\$2,957,050			\$440,800	\$560,000	\$836,250	\$560,000	\$560,000	\$2,957,050
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$59,600	\$59,600	\$57,000	\$59,600						\$59,600
TOTAL SOURCES	\$3,016,650	\$3,016,650	\$57,000	\$59,600	\$440,800	\$560,000	\$836,250	\$560,000	\$560,000	\$3,016,650
Explain & Identify Type of Other Sources: Fund 301 fund balance							Project Manager: Public Works			
							Project's Approval Date: 6/22/2015			

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Sanitary Sewer Rehabilitation					WW1507		3			
PROJECT DESCRIPTION					PROJECT IMAGE					
Inflow and infiltration program to replace failing waste water lines over thirty years of age in the following areas over a period of years - Corrigan Subdivision, Old Towne, Summerset/Shrine, Country Place, Green Tee, Westminster, Brookside Acres, Shadycrest, Creek View, Parkview, Wood Creek, Heritage Green, Clear Creek Estates, and Twin Creek Woods.										
PROJECT JUSTIFICATION										
Through analysis of Public Works work order history and institutional knowledge, the waste water lines in these older areas are responsible for the majority of line breaks and service interruptions in Pearland. This project will address the areas with the most frequent failures and improve system reliability for the residents. You will note that the list of project locations is the same as that listed for water line rehabilitation. It is recommended that both projects are done simultaneously to limit construction impacts to the residents.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way										\$0
Design/Surveying	\$1,300,000	\$1,300,000	\$34,000	\$34,000	\$75,000		\$110,000	\$110,000	\$150,000	\$479,000
Construction	\$13,800,000	\$13,800,000	\$297,979	\$306,194	\$175,000	\$500,000	\$890,000	\$890,000	\$1,350,000	\$4,111,194
Equipment and Furniture										\$0
Contingency										\$0
TOTAL COSTS	\$15,100,000	\$15,100,000	\$331,979	\$340,194	\$250,000	\$500,000	\$1,000,000	\$1,000,000	\$1,500,000	\$4,590,194
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$9,259,806	\$9,259,806								\$0
System Revenue - Cash	\$5,500,000	\$5,500,000			\$250,000	\$500,000	\$1,000,000	\$1,000,000	\$1,500,000	\$4,250,000
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$340,194	\$340,194	\$331,979	\$340,194						\$340,194
TOTAL SOURCES	\$15,100,000	\$15,100,000	\$331,979	\$340,194	\$250,000	\$500,000	\$1,000,000	\$1,000,000	\$1,500,000	\$4,590,194
Explain & Identify Type of Other Sources: Interest from TWDB funds. Project will carryover to 2025.						Project Manager: Public Works				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Orange Mykawa Lift Station Retirement - WWM Project 33					WW1601		10			
PROJECT DESCRIPTION					PROJECT IMAGE					
Abandonment of lift station and installation of new 12-inch gravity sewer line along Mykawa from Orange to Walnut for approximately 3,386 LF. To be completed in coordination with Mykawa Road construction.										
PROJECT JUSTIFICATION										
Retirement of an old lift station that pumps wastewater three times before sending to the plant. In addition, this lift station will require a major rehabilitation within the next five years. The project will also eliminate an inverted siphon gravity line and remove the existing lines from being in conflict with the drainage for the Mykawa Road project.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance		(\$4,100)	(\$8,200)	(\$8,200)	(\$8,200)					
Capital Outlay										
Total Expense		(\$4,100)	(\$8,200)	(\$8,200)	(\$8,200)					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$30,000	\$30,000			\$30,000					\$30,000
Land/Right of Way	\$60,000	\$60,000			\$60,000					\$60,000
Design/Surveying	\$76,300	\$76,300			\$76,300					\$76,300
Construction	\$785,800	\$785,800				\$785,800				\$785,800
Equipment and Furniture										\$0
Contingency	\$223,100	\$223,100				\$223,100				\$223,100
TOTAL COSTS	\$1,175,200	\$1,175,200	\$0	\$0	\$166,300	\$1,008,900	\$0	\$0	\$0	\$1,175,200
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$1,008,900	\$1,008,900				\$1,008,900				\$1,008,900
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$166,300	\$166,300	\$119,945		\$166,300					\$166,300
TOTAL SOURCES	\$1,175,200	\$1,175,200	\$119,945	\$0	\$166,300	\$1,008,900	\$0	\$0	\$0	\$1,175,200
Explain & Identify Type of Other Sources: Fund 67 Fund Balance						Project Manager: Les Saberniak				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Relocation Mykawa Scott LS - WWM Projects 5					WW1602		11			
PROJECT DESCRIPTION					PROJECT IMAGE					
Replacement of the existing lift station, a new 12" force main, approximately 2,500 LF, from Mykawa to SH35 and a new 8 - 12" gravity line, approximately 3,430 LF along Mykawa from Scott Street to Shank. Project will be coordinated with Mykawa Rd. construction.										
PROJECT JUSTIFICATION										
The Mykawa-Scott basin has heavy I/I based on pump run time. Rehabilitation of the basin with the above improvements will reduce flow to the Barry Rose WWTP, reduce surcharging in the McHard 24" trunk sewer, and eliminate one lift station. The project will also remove the existing line from underneath the future widening of Mykawa Road.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance		(\$2,050)	(\$8,200)	(\$8,200)	(\$8,200)					
Capital Outlay										
Total Expense		(\$2,050)	(\$8,200)	(\$8,200)	(\$8,200)					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$135,000	\$135,000			\$135,000					\$135,000
Land/Right of Way	\$200,000	\$200,000				\$200,000				\$200,000
Design/Surveying	\$320,000	\$320,000			\$200,000	\$120,000				\$320,000
Construction	\$3,332,800	\$3,332,800				\$3,332,800				\$3,332,800
Equipment and Furniture										\$0
Contingency	\$499,920	\$499,920				\$499,920				\$499,920
TOTAL COSTS	\$4,487,720	\$4,487,720	\$0	\$0	\$335,000	\$4,152,720	\$0	\$0	\$0	\$4,487,720
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
										\$0
PEDC										\$0
W/S Revenue Bonds	\$3,982,019	\$3,982,019				\$3,982,019				\$3,982,019
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$505,701	\$505,701			\$335,000	\$170,701				\$505,701
TOTAL SOURCES	\$4,487,720	\$4,487,720	\$0	\$0	\$335,000	\$4,152,720	\$0	\$0	\$0	\$4,487,720
Explain & Identify Type of Other Sources: Mykawa Rd not all funded yet. Fund 42 fund balance.						Project Manager: Les Saberniak				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
JHEC WWTP Expansion - WWM Project 29A					WW1603		7			
PROJECT DESCRIPTION					PROJECT IMAGE					
A 2 MGD expansion to the existing 4 MGD wastewater treatment plant that will increase the wastewater treatment capacity to 6 MGD facility at the John Hargrove Environmental Center.										
PROJECT JUSTIFICATION										
This 2 MGD expansion is based on growth projections for the JHEC WWTP service area and additional flows that will be diverted to the JHEC WWTP from the Longwood Service Area. Current flows are at 55% to 60% of capacity.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget					<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (See Below)					
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance			\$80,115	\$240,344	\$240,344					
Capital Outlay										
Total Expense			\$80,115	\$240,344	\$240,344					
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report	\$400,000	\$400,000		\$300,000	\$100,000					\$400,000
Land/Right of Way										\$0
Design/Surveying	\$2,860,000	\$2,860,000			\$2,860,000					\$2,860,000
Construction	\$29,558,300	\$29,558,300				\$26,780,000	\$2,778,300			\$29,558,300
Equipment and Furniture										\$0
Contingency	\$3,900,000	\$3,900,000					\$3,900,000			\$3,900,000
TOTAL COSTS	\$36,718,300	\$36,718,300	\$0	\$300,000	\$2,960,000	\$26,780,000	\$6,678,300	\$0	\$0	\$36,718,300
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$18,159,150	\$18,159,150			\$1,430,000	\$13,390,000	\$3,339,150			\$18,159,150
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt	\$16,729,150	\$16,729,150				\$13,390,000	\$3,339,150			\$16,729,150
Other Funding Sources ¹ -	\$1,830,000	\$1,830,000		\$300,000	\$1,530,000					\$1,830,000
TOTAL SOURCES	\$36,718,300	\$36,718,300	\$0	\$300,000	\$2,960,000	\$26,780,000	\$6,678,300	\$0	\$0	\$36,718,300
Explain & Identify Type of Other Sources: Fund 42 Fund Balance. Waste water project 10 in 2013 impact fee update.						Project Manager: TBD				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER			
Green Tee 1 to Riverstone Wastewater Diversion (Longwood Service Area Phase 1)					WW1604		5			
PROJECT DESCRIPTION					PROJECT IMAGE					
Install 5,100 LF of 8 inch force main from Lift Station #34 on Green Tee Drive through the golf course by directional drill to the Riverstone Ranch Collection system receiving manhole at Donegal Street and Country Club Drive. This project works in conjunction with the Riverstone Ranch Oversizing agreement.										
PROJECT JUSTIFICATION										
This project will effectively remove 780 equivalent wastewater connections from the Longwood treatment plant and transfer them to the Barry Rose plant.										
INCREMENTAL OPERATING AND MAINTENANCE COSTS										
Impact on operating budget <input type="checkbox"/> No <input type="checkbox"/> Yes (See Below)										
Fiscal Year	2016	2017	2018	2019	2020					
Total Revenue										
Personnel Services										
Operation & Maintenance										
Capital Outlay										
Total Expense										
FTE Staff Total										
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION										
FY PROJECTED ALLOCATIONS										
PROJECT COSTS ALLOCATION	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report										\$0
Land/Right of Way	\$85,000	\$85,000			\$85,000					\$85,000
Design/Surveying	\$97,000	\$97,000	\$64,200		\$97,000					\$97,000
Construction	\$641,000	\$641,000	\$230,500			\$641,000				\$641,000
Equipment and Furniture										\$0
Contingency	\$100,000	\$100,000	\$29,470			\$100,000				\$100,000
TOTAL COSTS	\$923,000	\$923,000	\$324,170	\$0	\$182,000	\$741,000	\$0	\$0	\$0	\$923,000
FY PROJECTED FUNDING SOURCES										
FUNDING SOURCES	TOTAL BUDGET	CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash										\$0
Certificates of Obligation										\$0
General Obligation Bonds										\$0
New/Proposed GO Bonds										\$0
PEDC										\$0
W/S Revenue Bonds	\$741,000	\$741,000	\$324,170			\$741,000				\$741,000
System Revenue - Cash										\$0
Impact Fees - Cash										\$0
Impact Fees - Debt										\$0
Other Funding Sources ¹ -	\$182,000	\$182,000			\$182,000					\$182,000
TOTAL SOURCES	\$923,000	\$923,000	\$324,170	\$0	\$182,000	\$741,000	\$0	\$0	\$0	\$923,000
Explain & Identify Type of Other Sources: Fund 67 fund balance.						Project Manager: Jameson Appel				
						Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Roy/Max/Garden Roads Basin Sewage System - WWM Project 12					WW1605		12				
PROJECT DESCRIPTION					PROJECT IMAGE						
This project proposes approximately 4,940 LF of 18" trunk sewer along Broadway St. from Food Town's Lift Station to O'Day Rd, approximately 1,300 LF of 15" trunk sewer along Garden Rd from Broadway to the lift station and 1,200 LF of 12" sewer line along Roy/Max Rd from Broadway to Hickory Slough.											
PROJECT JUSTIFICATION											
This project will eliminate modeled overflows and two existing lift stations (Food Town's, Garden Rd.) and serve areas that are currently not serviced.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance				(\$10,933)	(\$16,400)						
Capital Outlay											
Total Expense				(\$10,933)	(\$16,400)						
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
Prelim. Engineering Report		\$50,000	\$50,000			\$50,000					\$50,000
Land/Right of Way		\$95,000	\$95,000	\$85,000			\$95,000				\$95,000
Design/Surveying		\$260,000	\$260,000	\$245,000			\$260,000				\$260,000
Construction		\$1,900,000	\$1,900,000					\$1,900,000			\$1,900,000
Equipment and Furniture											\$0
Contingency		\$540,000	\$540,000					\$540,000			\$540,000
TOTAL COSTS		\$2,845,000	\$2,845,000	\$330,000	\$0	\$50,000	\$355,000	\$2,440,000	\$0	\$0	\$2,845,000
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	PROJECT TOTAL
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds		\$1,422,500	\$1,422,500					\$1,422,500			\$1,422,500
System Revenue - Cash				\$165,000							\$0
Impact Fees - Cash											\$0
Impact Fees - Debt		\$1,017,500	\$1,017,500					\$1,017,500			\$1,017,500
Other Funding Sources ¹ -		\$405,000	\$405,000	\$165,000		\$50,000	\$355,000				\$405,000
TOTAL SOURCES		\$2,845,000	\$2,845,000	\$330,000	\$0	\$50,000	\$355,000	\$2,440,000	\$0	\$0	\$2,845,000
¹ Explain & Identify Type of Other Sources: Fund 42 Fund Balances							Project Manager: Jennifer Lee				
							Project's Approval Date: 6/22/2015				

PROJECT NAME					PROJECT #		PREFERENCE ORDER				
Veterans Drive Lift Station Service Area - WWM Project 11					WW1801		13				
PROJECT DESCRIPTION					PROJECT IMAGE						
This project extends the trunk sewer south along Veterans Dr. as far as Dare Rd., providing gravity sewer service as follows: approximately 1,600 LF of 12" line, 16,680 feet of 18" line, and 4,920 LF of 24" line.											
PROJECT JUSTIFICATION											
This will allow gravity sewer for development south of Bailey Rd. and eliminate two lift stations (Park Village and Springfield). This project will be developer driven.											
INCREMENTAL OPERATING AND MAINTENANCE COSTS											
Impact on operating budget					<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (See Below)						
Fiscal Year	2016	2017	2018	2019	2020						
Total Revenue											
Personnel Services											
Operation & Maintenance				(\$8,200)	(\$16,400)						
Capital Outlay											
Total Expense				(\$8,200)	(\$16,400)						
FTE Staff Total											
COST AVOIDANCE/PAYBACK PERIOD EXPLANATION											
Elimination of two Lift Stations in 2017 at an estimated amount of \$25,000.											
PROJECT COSTS ALLOCATION		TOTAL BUDGET	FY PROJECTED ALLOCATIONS								PROJECT TOTAL
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	
Prelim. Engineering Report	\$383,250	\$383,250						\$383,250			\$383,250
Land/Right of Way	\$77,122	\$77,122						\$77,122			\$77,122
Design/Surveying	\$777,000	\$777,000						\$777,000			\$777,000
Construction	\$6,032,000	\$6,032,000							\$6,032,000		\$6,032,000
Equipment and Furniture											\$0
Contingency	\$1,630,545	\$1,630,545							\$1,630,545		\$1,630,545
TOTAL COSTS	\$8,899,917	\$8,899,917		\$0	\$0	\$0	\$0	\$1,237,372	\$7,662,545	\$0	\$8,899,917
FUNDING SOURCES		TOTAL BUDGET	FY PROJECTED FUNDING SOURCES								PROJECT TOTAL
			CITY APPROP.	FUNDED BUDGET	ESTIMATED THRU 2015	2016	2017	2018	2019	2020	
General Revenue - Cash											\$0
Certificates of Obligation											\$0
General Obligation Bonds											\$0
New/Proposed GO Bonds											\$0
PEDC											\$0
W/S Revenue Bonds	\$4,785,287	\$4,785,287						\$954,014	\$3,831,272		\$4,785,286
System Revenue - Cash											\$0
Impact Fees - Cash											\$0
Impact Fees - Debt	\$3,831,273	\$3,831,273							\$3,831,273		\$3,831,273
Other Funding Sources ¹ -	\$283,358	\$283,358						\$283,358			\$283,358
TOTAL SOURCES	\$8,899,918	\$8,899,918		\$0	\$0	\$0	\$0	\$1,237,372	\$7,662,545	\$0	\$8,899,917
¹ Explain & Identify Type of Other Sources: Fund 42 Fund Balance. Waste water project 6 in 2013 impact fee update.							Project Manager: Jennifer Lee				
							Project's Approval Date: 6/22/2015				

NEW/PROPOSED BOND PROGRAM PROJECTS

Project Name	Project Type	Overall Priority	2019	2020	2021	2022	2023	Total	Running Total
Proposed 2018 Bond Projects									
Fire Station #8 Construction	Facilities	1	6,259,210					6,259,210	6,259,210
JHEC Nature Trails - Phase II	Parks	2	997,500					997,500	7,256,710
Street Reconstruction Program	Roads	3	2,175,000	2,175,000	2,175,000	2,175,000	2,175,000	10,875,000	18,131,710
Shadow Creek Ranch Park Phase II	Parks	4	862,000	4,132,000	4,132,000			9,126,000	27,257,710
Independence Park Phase II	Parks	5			2,200,000	5,100,000		7,300,000	34,557,710
Pearland Pkwy Super Street	Roads	6	2,300,000					2,300,000	36,857,710
Park Equipment Replacement Program	Parks	7	500,000	500,000	500,000	500,000	500,000	2,500,000	39,357,710
SCR Library	Facilities	8			1,075,705	9,982,445	5,887,500	16,945,650	56,303,360
Pearland Pkwy Traffic Circle Improvements	Roads	9	2,000,000					2,000,000	58,303,360
Orange Street Service Center Phase II	Facilities	10				382,165	4,514,588	4,896,753	63,200,113
Fire Training Field Phase I	Facilities	11	500,000					500,000	63,700,113
Broadway Expansion - SH 288 to Cullen (City Share)	Roads	12	27,500	545,000	4,927,500			5,500,000	69,200,113
Trail Connectivity Phase III	Parks	13		1,178,500				1,178,500	70,378,613
Total New/Proposed Bond Projects			15,621,210	8,530,500	15,010,205	18,139,610	13,077,088	70,378,613	
Additional Identified Projects									
Woodcreek Park Improvements	Parks	14	650,000					650,000	71,028,613
Hickory Slough Sportsplex Phase II	Parks	15	389,000	2,914,500	809,500			4,113,000	75,141,613
Hickory Slough Detention Pond Phase II	Drainage	16		150,000	3,220,000			3,370,000	78,511,613
Hughes Ranch Rd - Cullen to Stone	Roads	17		1,160,000	4,065,000	2,455,000		7,680,000	86,191,613
Fire Training Field Phase II	Facilities	18		315,000	2,737,251			3,052,251	89,243,864
Park Land Acquisition	Parks	19			1,000,000			1,000,000	90,243,864
Hillhouse PW Annex Phase II	Facilities	20	200,000	1,806,000				2,006,000	92,249,864
FM2234 Landscape Improvements - SH 288 to 15,000' West	Roads	21	1,300,000					1,300,000	93,549,864
Grand Blvd Reconstruction - Broadway to Walnut	Roads	22		890,800	4,354,200			5,245,000	98,794,864
Old Alvin - McHard to Knapp	Roads	23	205,000	1,660,000				1,865,000	100,659,864
Total Additional Identified Projects			2,744,000	8,896,300	16,185,951	2,455,000	-	30,281,251	
TOTAL ALL PROJECTS			18,365,210	17,426,800	31,196,156	20,594,610	13,077,088	100,659,864	

Note - Does not include results of Parks Master Plan, Drainage Master Plan, Facilities Assessment Study or potential TIP opportunities.
Items in 2021 to 2023 are outside the current 5-year CIP.

GLOSSARY OF TERMS

-A-

AC – Asbestos Concrete
AC-FT – Acre Feet
ADA – American Disabilities Act
ADF – Average Daily Flow
APPROP – Appropriation
AWWA – American Water Works Association

-B-

BCDD # 4 – Brazoria County Drainage District #4
BC MUD # 4 – Brazoria County Municipal Utility District #4
BNSF – An acronym meaning Burlington Northern Santa Fe (Railroad)
BW – Beltway

-C-

CAT – Category
CDBG – Community Development Block Grant
CIAD – Coastal Impact Assistance Program
CIP – Capital Improvement Program
CMAQ – Congestion Mitigation and Air Quality
CO – Certificates of Obligation
CR – County Road

-E-

EMS – Emergency Medical Service
EOC – Emergency Operations Center
ESA – Environmental Site Assessment
EST – Elevated Storage Tank
ETJ – Extraterritorial Jurisdiction

-F-

FM – Farm-to-Market
FNW – Far North West
FTE – Full-Time Equivalent
FY – Fiscal Year

-G-

GCWA – Gulf Coast Water Authority
GEC – General Engineering Consultant
GO – General Obligation
GST – Ground Storage Tank

-H-

HCFCDD – Harris County Flood Control District
HDPE – High Density Polyethylene
HGAC – Houston-Galveston Area Council
HVAC – Heating, Ventilation, and Air Condition

-I-

I/I – Inflow and Infiltration
IH – Interstate Highway

-J-

JHEC – John Hargrove Environmental Center

-K-

KPB – Keep Pearland Beautiful.

GLOSSARY OF TERMS

-L-

LEED – Leadership in Energy & Environmental Design
LF – Linear Feet.
LS – Lift Station

-M-

M – Million
MEP – Mechanical, Electrical, and Plumbing
MGD – million gallons per day
MUD – Municipal Utility District

-N-

NOI – Notice of Intent

-P-

PD – Planned Development
PEDC – Pearland Economic Development Corporation
PER – Preliminary Engineering Report
PISD – Pearland Independent School District
PSB – Public Safety Building
PVFD – Pearland Volunteer Fire Department

-R-

ROW – Right-Of-Way
RD – Road

-S-

SBR – Sequential Batch Reactor
SCADA – Supervisory Control and Data Acquisition
SWEC – Southwest Environmental Center
SF – Square Feet
ST – Street

-T-

TCEQ – Texas Commission of Environmental Quality
TIP – Transportation Improvement Program
TOC – Traffic Operations Center
TXDOT – Texas Department of Transportation

-U-

UB – Utility Billing
UDC – Unified Development Code
UHCL – University of Houston Clear Lake

-V-

VOIP – Voice Over Internet Protocol

-W-

WWM – Waste Water Model
WWTP – Waste Water Treatment Plant