



Capital Improvement Plan Fiscal Years 2015-2019

TOWN OF HIGHLAND PARK, TEXAS

CAPITAL PROJECTS FUND

FISCAL YEARS 2015-2019

<u>Department</u>	<u>Project/Funding Source</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
<i>Beginning Balance</i>		\$ 1,801,296	\$ 2,542,518	\$ 2,444,823	\$ 2,140,305	\$ 1,165,694	\$ 1,801,296
<i>Annual Project Funding</i>							
	General Fund CIP Transfer	\$ 1,045,453	\$ 1,067,408	\$ 1,089,824	\$ 1,112,710	\$ 1,136,077	\$ 5,451,472
	General Fund 5% Solid Waste Transfer	63,580	64,216	64,858	65,507	66,162	324,323
	Utility Fund 5% W&S Transfer	420,980	425,190	429,442	433,736	438,073	2,147,421
	One-time General Fund Transfer	67,183	-	-	-	-	67,183
	Increased CIP Revenue from Growth in Property Values	328,449	309,425	321,203	335,788	303,440	1,598,305
	Intergovernmental Revenue	-	893,160	659,760	-	390,360	1,943,280
	Transfer from DPS Technology Fund	72,600	108,900	145,200	145,200	145,200	617,100
	Interest Revenue	8,500	12,379	11,904	10,421	5,676	48,880
<i>Total Annual Project Funding</i>		\$ 2,006,745	\$ 2,880,678	\$ 2,722,191	\$ 2,103,362	\$ 2,484,988	\$ 12,197,964
<i>Expenditures</i>							
DPS	Town Wide Video & LPR System Study	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
DPS	Project 25 Dallas City/County Radio System	-	-	-	334,148	334,148	668,296
Parks & Recreation	Flippen Park Improvements	-	-	110,000	-	-	110,000
Engineering	Street Resurfacing & Miscellaneous Concrete	869,375	888,501	908,048	928,025	948,442	4,542,391
Engineering	Preston Road Rehabilitation	-	1,786,320	1,319,520	-	-	3,105,840
Engineering	Livingston Avenue Rehabilitation	-	-	378,000	-	-	378,000
Engineering	Lakeside Drive Rehabilitation	-	-	-	1,496,880	-	1,496,880
Engineering	Armstrong Parkway Rehabilitation	-	-	-	-	780,720	780,720
	Project Personnel Costs	296,148	303,552	311,141	318,920	326,893	1,556,654
<i>Total Expenditures</i>		\$ 1,265,523	\$ 2,978,373	\$ 3,026,709	\$ 3,077,973	\$ 2,390,203	\$ 12,738,781
<i>Ending Balance</i>		\$ 2,542,518	\$ 2,444,823	\$ 2,140,305	\$ 1,165,694	\$ 1,260,479	\$ 1,260,479
<i>Ideal Fund Balance</i>		\$ 2,000,000					
<i>Over(Under) Ideal Fund Balance</i>		\$ 542,518	\$ 444,823	\$ 140,305	\$ (834,306)	\$ (739,521)	\$ (739,521)

TOWN OF HIGHLAND PARK, TEXAS

UTILITY FUND

FISCAL YEARS 2015-2019

<u>Department</u>	<u>Project/Funding Source</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
<i>Beginning Balance</i>		\$ -	\$ (2,107)	\$ 87,630	\$ 95,591	\$ 103,727	\$ -
<i>Annual Project Funding</i>							
	Capital Funding Allocation	\$ 1,922,443	\$ 1,964,737	\$ 2,007,961	\$ 2,052,136	\$ 2,097,283	\$ 10,044,560
	Intergovernmental Revenue	550,000	-	-	-	-	550,000
<i>Total Annual Project Funding</i>		<u>\$ 2,472,443</u>	<u>\$ 1,964,737</u>	<u>\$ 2,007,961</u>	<u>\$ 2,052,136</u>	<u>\$ 2,097,283</u>	<u>\$ 10,594,560</u>
<i>Expenditures</i>							
Engineering	Turtle Creek 30-Inch Sanitary Sewer Interceptor Impr.	\$ 1,100,000	\$ -	\$ -	\$ -	\$ -	\$ 1,100,000
Engineering	New Pump Station & Discharge Line at Gillon Pump Station	-	475,000	-	-	-	475,000
Engineering	Water Conservation Demonstration Garden (Flippen Park)	274,550	-	-	-	-	274,550
Engineering	Water & Sanitary Sewer Infrastructure Replace./Rehab.	1,100,000	1,400,000	2,000,000	2,044,000	2,088,968	8,632,968
<i>Total Expenditures</i>		<u>\$ 2,474,550</u>	<u>\$ 1,875,000</u>	<u>\$ 2,000,000</u>	<u>\$ 2,044,000</u>	<u>\$ 2,088,968</u>	<u>\$ 10,482,518</u>
<i>Ending Balance</i>		<u>\$ (2,107)</u>	<u>\$ 87,630</u>	<u>\$ 95,591</u>	<u>\$ 103,727</u>	<u>\$ 112,042</u>	<u>\$ 112,042</u>

TOWN OF HIGHLAND PARK, TEXAS

STORM WATER FUND

FISCAL YEARS 2015-2019

<u>Department</u>	<u>Project/Funding Source</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>Total</u>
<i>Beginning Balance</i>		\$ 628,116	\$ 610,461	\$ 685,999	\$ 869,784	\$ 1,056,871	\$ 628,116
<i>Annual Project Funding</i>							
	Charges for Services net of Operating Expenses	\$ 288,400	\$ 294,369	\$ 300,462	\$ 306,681	\$ 313,028	\$ 1,502,940
<i>Total Annual Project Funding</i>		\$ 288,400	\$ 294,369	\$ 300,462	\$ 306,681	\$ 313,028	\$ 2,131,056
 <i>Expenditures</i>							
Parks & Recreation	Douglas Park Drainage Improvement	\$ -	\$ 105,000	\$ -	\$ -	\$ -	\$ 105,000
Engineering	Exall Lake Dredging & Silt Removal - Study	45,000	-	-	-	-	45,000
Engineering	Conner Park Shoreline Stabilization & Silt Removal - Study	75,000	-	-	-	-	75,000
Engineering	Hackberry Creek Stream Bank Restoration - Study	75,000	-	-	-	-	75,000
	Project Personnel Costs	111,055	113,831	116,677	119,594	122,584	583,741
<i>Total Expenditures</i>		\$ 306,055	\$ 218,831	\$ 116,677	\$ 119,594	\$ 122,584	\$ 883,741
<i>Ending Balance</i>		\$ 610,461	\$ 685,999	\$ 869,784	\$ 1,056,871	\$ 1,247,315	\$ 1,875,431

TOWN OF HIGHLAND PARK, TEXAS
SUMMARY OF PROJECTS SUBMITTED AND INCLUDED
FISCAL YEARS 2015-2019

Department	Project	2014-15	2015-16	2016-17	2017-18	2018-19	Total Submitted for Council Review	Total Included in Plan	Projects not Included in 5-Year CIP
Public Safety Projects									
DPS	Town Wide Video & LPR System Study	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000	
DPS	Project 25 Dallas City/County Radio System	-	-	-	2,750,325	-	2,750,325	668,296	
DPS	Outdoor Warning System/Flood Warning System	150,000	-	-	-	-	150,000		150,000
DPS	Use of Force Training Simulator	206,090	-	-	-	-	206,090		206,090
Parks & Recreation									
Parks & Recreation	Douglas Park Drainage Improvement	-	105,000	-	-	-	105,000	105,000	
Parks & Recreation	Flippen Park Improvements	-	135,000	1,765,000	-	-	1,900,000	110,000	1,790,000
Parks & Recreation	Swimming Pool Restroom & Accessibility Impr.	-	-	150,000	-	-	150,000		150,000
Parks & Recreation	Tennis Court Reconstruction	-	-	605,000	-	-	605,000		605,000
Parks & Recreation	Willowood Alley Paving Enhancements	-	63,000	-	-	-	63,000		63,000
Streets & Traffic Projects									
Engineering	Street Resurfacing & Miscellaneous Concrete	850,660	850,660	850,660	850,660	850,660	4,253,300	4,542,391	
Engineering	Preston Road Rehabilitation/Reconstruction	-	1,786,320	1,319,520	-	-	3,105,840	3,105,840	
Engineering	Livingston Avenue Reconstruction	-	-	378,000	-	-	378,000	378,000	
Engineering	Lakeside Drive Reconstruction	-	-	-	1,496,880	-	1,496,880	1,496,880	
Engineering	Armstrong Parkway Reconstruction	-	-	-	-	780,720	780,720	780,720	
Engineering	Douglas Avenue Rehabilitation Phase I	-	500,280	-	-	-	500,280		500,280
Engineering	Douglas Avenue Rehabilitation Phase II	-	-	601,440	-	-	601,440		601,440
Engineering	Traffic Signal Upgrade - Abbott Ave. and Mockingbird Ln.	-	175,000	-	-	-	175,000		175,000
Water & Sewer Utility Projects									
Engineering	Water & Sanitary Sewer Infrastructure Replace./Rehab.	1,860,000	1,860,000	1,860,000	1,860,000	1,860,000	9,300,000	8,632,968	667,032
Parks & Recreation	Water Conservation Demonstration Garden (Flippen Park)							274,550	
Engineering	New Pump Station & Discharge Line at Gillon Pump Station	475,000	-	-	-	-	475,000	475,000	
Engineering	Turtle Creek 30-Inch Sanitary Sewer Interceptor Impr.	1,100,000	-	-	-	-	1,100,000	1,100,000	
Stormwater Projects									
Engineering	Eval./Study of Exall Lake Dredging & Silt Removal	45,000	-	-	-	-	45,000	45,000	
Engineering	Eval./Study of Conner Park Shoreline Stab. & Silt Removal	-	75,000	-	-	-	75,000	75,000	
Engineering	Mirimar Avenue Culvert Modification	-	-	-	-	456,000	456,000		456,000
Engineering	Beverly Drive Culvert	-	-	-	-	540,000	540,000		540,000
Engineering	Eval./Study of Hackberry Creek Stream Bank Restoration	-	-	70,000	-	-	70,000	75,000	
Total Project Costs		\$ 4,786,750	\$ 5,550,260	\$ 7,599,620	\$ 6,957,865	\$ 4,487,380	\$ 29,381,875	\$ 21,964,645	\$ 5,903,842

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Town Wide Video & LPR System Study	Department	Public Safety
Description	Security and Risk Assessment	Project Ranking	III
Project Year	FY 2014-15	Departmental Priority Ranking	2

Project Justification Study will provide needed information to develop budgets and work plans for implementing Town-wide video and License Plate Recognition (LPR) systems. Advantages of conducting this study include identifying a project scope, assessing community interest and estimating a project budget. Assessment will consider the existing Town controlled fiber optic cable as a component of the overall system. The assessment would also include policy recommendations for best practices related to data gathered.

Total Estimated Project Cost **\$100,000**

Funding Mechanism **Current Resources**

Project Funding

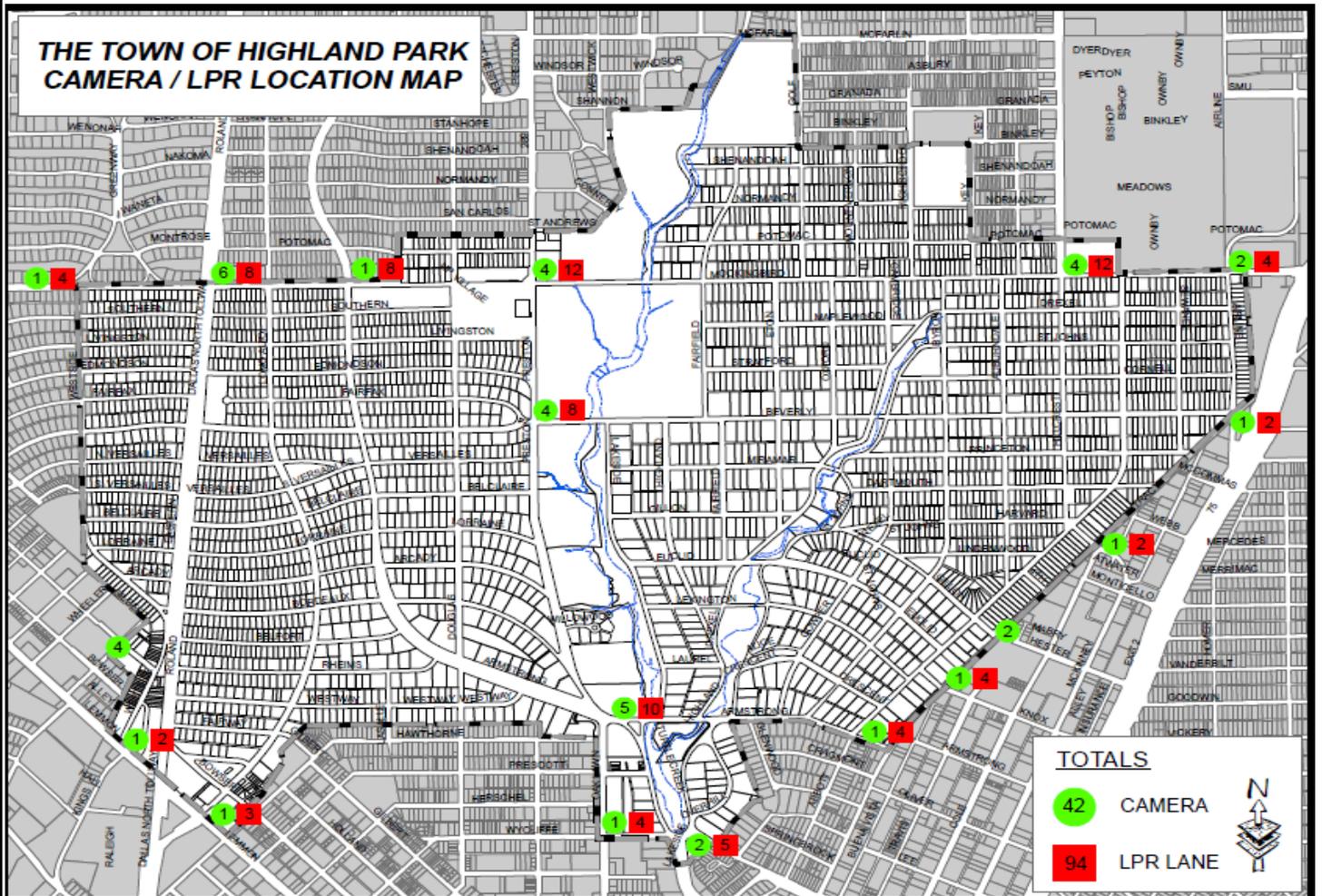
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Capital Projects Fund	\$ 100,000.00	\$ -	\$ -	\$ -	\$ -
Total Funding Source(s)	<u>\$ 100,000.00</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Funding Use(s)					
Consulting Fees	\$ 100,000.00	\$ -	\$ -	\$ -	\$ -
Total Funding Use(s)	<u>\$ 100,000.00</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Impact on Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Town Wide Video & LPR System Study	Department	Public Safety
Description	Security and Risk Assessment	Project Ranking	III
Project Year	FY 2014-15	Departmental Priority Ranking	2

Conceptual Layout



Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail



Project Name	P25 Dallas City/County Radio System	Department	Public Safety
Description	City of Dallas and Dallas County are planning to build a combined, P-25 compliant shared radio system	Project Ranking	1
Project Year	FY 2017-18	Departmental Priority Ranking	1

Project Justification Interoperable emergency communications is essential to emergency response, the safety of our communities and national security. One of our greatest identified public safety weaknesses is operating on a different radio system than University Park. The current radio system was designed/ purchased as bridge until the time when Dallas City/County could develop and build their new P25 system. This P25 suite of standards has been adopted by the emergency response community and the Federal Government. By coordinating and cooperating with each other, we will able to leverage resources, coordinate purchases and share infrastructure. The Town will be relieved of the burden of the entire expense of building a quality public safety P25 radio system.

Total Estimated Project Cost **\$2,750,325**

Funding Mechanism **Capital Lease**

Project Funding					
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Capital Projects Fund	\$ -	\$ -	\$ -	\$ 334,148	\$ 334,148
Total Funding Source(s)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 334,148</u>	<u>\$ 334,148</u>
Funding Use(s)					
Lease Payment	\$ -	\$ -	\$ -	\$ 334,148	\$ 334,148
Total Funding Use(s)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 334,148</u>	<u>\$ 334,148</u>
Impact on Operating Funds	<u>\$ -</u>				

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	P25 Dallas City/County Radio System	Department	Public Safety
Description	City of Dallas and Dallas County are planning to build a combined, P-25 compliant shared radio system	Project Ranking	1
Project Year	FY 2017-18	Departmental Priority Ranking	1

Additional Project Benefits:

The P25 compliant shared radio system will:

- Be completed in 2017-18.
- Enhance communications among jurisdictions throughout Dallas County.
- Be built on multiple levels/zones to provide multiple levels of redundancy.
- Have enough capacity to allow for participation by other municipalities such as Highland Park and University Park.
- Be designed to improve radio coverage inside medium density buildings with portable radios.
- Create interoperable communications with mutual aid agencies, and meets defined standard for interoperability.

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**

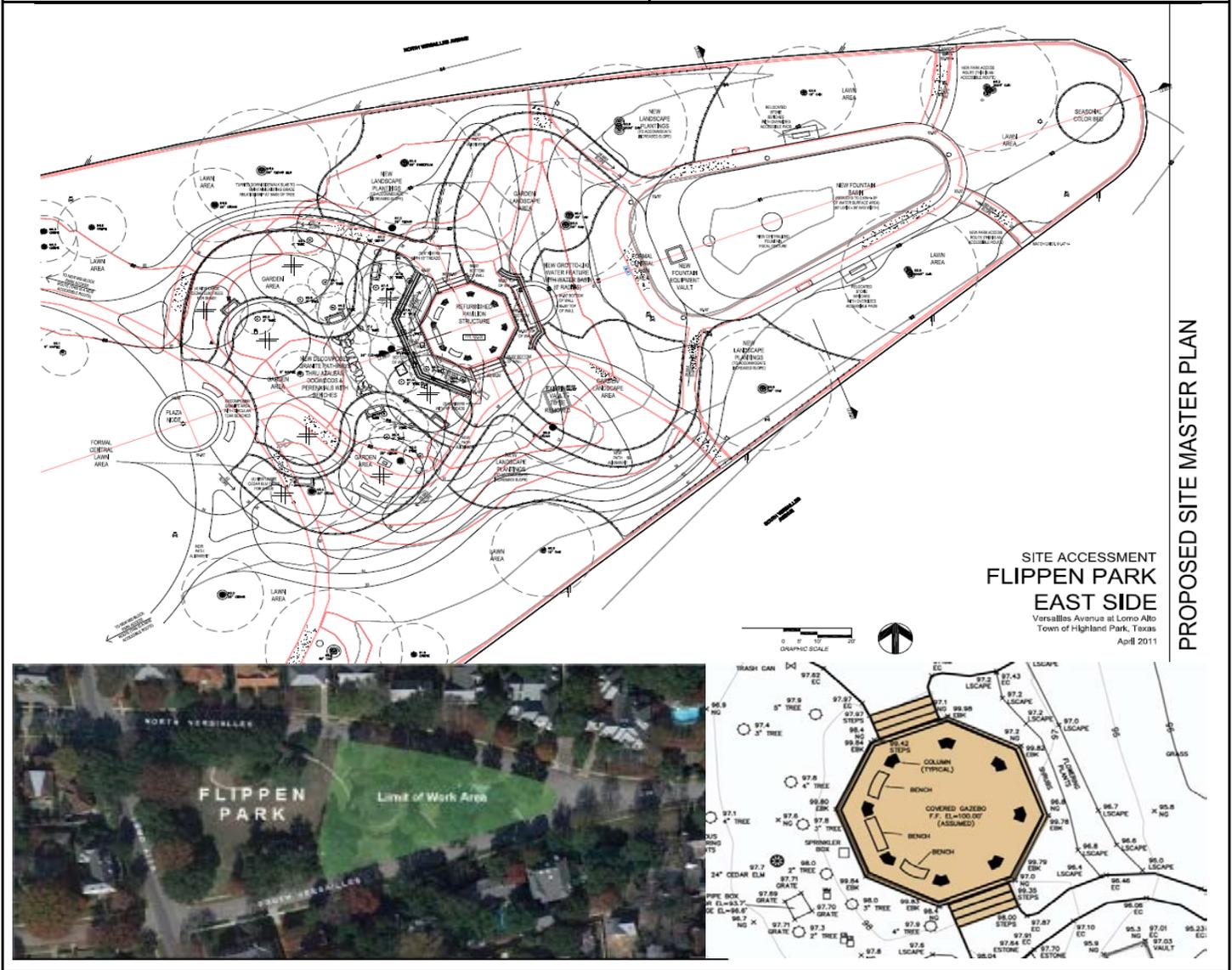


Project Name	Flippen Park Improvements				Department	Parks & Recreation			
Description	Renovation of the eastern third of Flippen Park to include (1) Pavilion and fountain (2) accessibility to meet ADA standards (3) enhance existing landscaping, grading, drainage & lighting.				Project Ranking	II			
Project Year	FY 2015-16		\$ 110,000		Departmental Priority Ranking	2			
	Future		\$ 1,790,000						
Project Justification	The fountain/pool basin exceeds the water depth of 18 inches and the basin drain does not meet VGB 2008 Pool and Spa Safety Regulations. Current filtration system is not adequate to keep the water clear. The structural integrity of the fountain and pavilion are in need of stabilization.								
Total Estimated Project Cost					\$1,900,000				
Total Amount Funded in the CIP					\$ 110,000				
Funding Mechanism					Current Resources				
Project Funding									
		FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19			
Funding Source(s)									
Capital Projects Fund	\$	-	\$ 110,000	\$ -	\$ -	\$ -			
Total Funding Source(s)	\$	-	\$ 110,000	\$ -	\$ -	\$ -			
Funding Use(s)									
Design & Construction	\$	-	\$ 110,000	\$ -	\$ -	\$ -			
Total Funding Use(s)	\$	-	\$ 110,000	\$ -	\$ -	\$ -			
Impact on Operating Funds	\$	-	\$ -	\$ -	\$ -	\$ -			

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Flippen Park Improvements	Department	Parks & Recreation
Description	Renovation of the eastern third of Flippen Park to include (1) Pavilion and fountain (2) accessibility to meet ADA standards (3) enhance existing landscaping, grading, drainage & lighting.	Project Ranking	II
Project Year	FY 2015-16	Departmental Priority Ranking	2



**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Street Rehabilitation/Restoration & Miscellaneous Concrete	Department	Engineering
Description	An annual program of rehabilitating & restoring asphalt road surfaces. The miscellaneous concrete work includes the repair and/or replacement of substandard sidewalks, as well as, curb and gutter repair.	Project Ranking	II
Project Year(s)	FY 2015-19	Departmental Priority Ranking	N/A

Project Justification The advantages to street rehabilitation and reconstruction projects include, but are not limited to; increased safety, improved drainage, improved sidewalks, better appearance, better ride quality, less maintenance, extends pavement life and reduces cost of total reconstruction. While these projects are expensive and can be an inconvenience to the motorists and residents during construction, not having such a program allows roads within the community to deteriorate, and ultimately increases the overall cost of maintaining and replacing the roads.

Total Estimated Project Cost **\$4,542,391**

Funding Mechanism **Current Resources**

Project Funding

	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Capital Projects Fund	\$ 869,375	\$ 888,501	\$ 908,048	\$ 928,025	\$ 948,442
Total Funding Source(s)	<u>\$ 869,375</u>	<u>\$ 888,501</u>	<u>\$ 908,048</u>	<u>\$ 928,025</u>	<u>\$ 948,442</u>
Funding Use(s)					
Design & Construction	\$ 869,375	\$ 888,501	\$ 908,048	\$ 928,025	\$ 948,442
Total Funding Use(s)	<u>\$ 869,375</u>	<u>\$ 888,501</u>	<u>\$ 908,048</u>	<u>\$ 928,025</u>	<u>\$ 948,442</u>
Impact on Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Street Rehabilitation/Restoration & Miscellaneous Concrete	Department	Engineering
Description	An annual program of rehabilitating & restoring asphalt road surfaces. The miscellaneous concrete work includes the repair and/or replacement of substandard sidewalks, as well as, curb and gutter repair.	Project Ranking	II
Project Year	FY 2015-19	Departmental Priority Ranking	N/A



Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail



Project Name	Preston Road Rehabilitation Reconstruction		Department	Engineering	
Description	The project will consist of replacing the damaged curb & gutter, sidewalk, and subgrade and resurfacing the road.		Project Ranking	II	
Project Year(s)	FY 2015-16	Phase 1	Departmental Priority Ranking	2	
	FY 2016-17	Phase 2			
Project Justification	The project improves the length of Preston Road for both safety and aesthetics, and will reduce ongoing maintenance of the roadway. It is also anticipated that 50% of this project will be funded by Dallas County. Delaying the project will result in continued deterioration of the roadway, increasing maintenance costs and ultimately increasing costs of reconstructing the road at a later date.				
Total Estimated Project Cost			\$3,105,840		
Funding Mechanism					
Current Resources & Intergovernmental Revenue					
Project Funding					
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Intergovernmental	\$ -	\$ 893,160	\$ 659,760	\$ -	\$ -
Capital Projects Fund	-	893,160	659,760	-	-
Total Funding Source(s)	<u>\$ -</u>	<u>\$ 1,786,320</u>	<u>\$ 1,319,520</u>	<u>\$ -</u>	<u>\$ -</u>
Funding Use(s)					
Design & Construction	\$ -	\$ 1,786,320	\$ 1,319,520	\$ -	\$ -
Total Funding Use(s)	<u>\$ -</u>	<u>\$ 1,786,320</u>	<u>\$ 1,319,520</u>	<u>\$ -</u>	<u>\$ -</u>
Impact on Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Preston Road Rehabilitation Reconstruction	Department	Engineering
Description	The project will consist of replacing the damaged curb & gutter, sidewalk, and subgrade and resurfacing the road.	Project Ranking	II
Project Year	FY 2015-16 Phase 1 FY 2016-17 Phase 2	Departmental Priority Ranking	2



**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Livingston Road Reconstruction	Department	Engineering
Description	The project will consist of replacing the damaged curb & gutter, sidewalk, and deteriorated subgrade and resurfacing the road from Preston Road to Douglas Avenue.	Project Ranking	III
Project Year(s)	FY 2016-17	Departmental Priority Ranking	1

Project Justification The road is quickly deteriorating and experiencing heavy rutting. Project advantages include better appearance, increased safety, improved drainage, improved sidewalks, better ride quality, less maintenance. Delaying the project will result in continued deterioration of the roadway, and ultimately increased cost of reconstruction as cost of construction materials increase.

Total Estimated Project Cost **\$378,000**

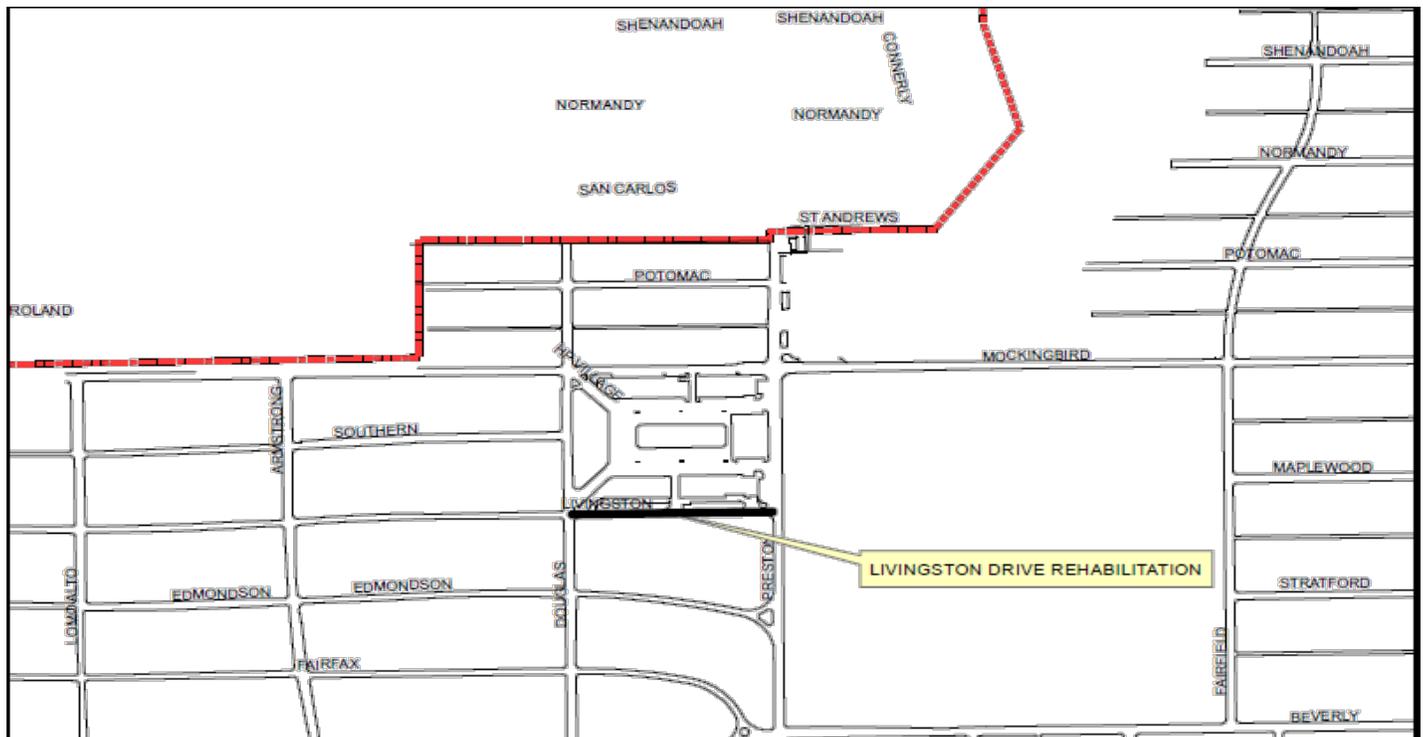
Funding Mechanism **Current Resources**

Project Funding					
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Capital Projects Fund	\$ -	\$ -	\$ 378,000	\$ -	\$ -
Total Funding Source(s)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 378,000</u>	<u>\$ -</u>	<u>\$ -</u>
Funding Use(s)					
Design & Construction	\$ -	\$ -	\$ 378,000	\$ -	\$ -
Total Funding Use(s)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 378,000</u>	<u>\$ -</u>	<u>\$ -</u>
Impact on Operating Funds					
	\$ -	\$ -	\$ -	\$ -	\$ -

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Livingston Road Reconstruction	Department	Engineering
Description	The project will consist of replacing the damaged curb & gutter, sidewalk, and deteriorated subgrade and resurfacing the road from Preston Road to Douglas Avenue.	Project Ranking	III
Project Year	FY 2016-17	Departmental Priority Ranking	1



LIVINGSTON DRIVE REHABILITATION



**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Lakeside Drive Reconstruction	Department	Engineering
Description	The project will consist of replacing the damaged curb & gutter, sidewalk, and deteriorating subgrade and reconstructing the road from Beverly to Armstrong Avenue.	Project Ranking	II
Project Year(s)	FY 2017-18	Departmental Priority Ranking	3

Project Justification Lakeside Drive has been showing signs of cracking and rapid deterioration along the trench line of the 30-inch sanitary sewer. The driving surface is failing in some areas due to a weakened subgrade and is continually being patched by the Town. Project advantages include increased safety, improved drainage, improved sidewalks, better appearance, better ride quality, and less maintenance. This road is in need of reconstruction and will continue to deteriorate over time. The cost of this project will continue to increase as will maintenance cost.

Total Estimated Project Cost **\$1,496,880**

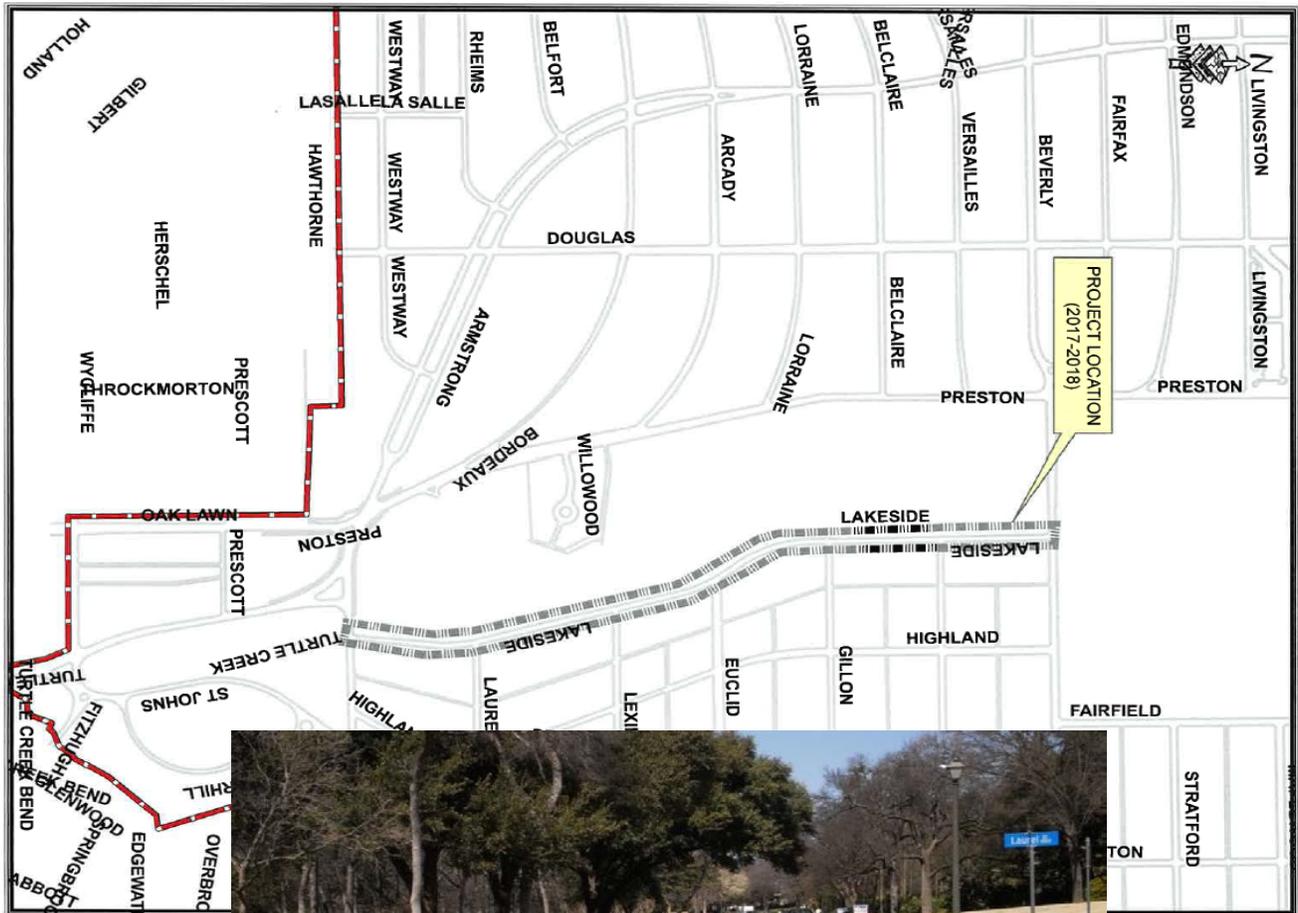
Funding Mechanism **Current Resources**

Project Funding					
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Capital Projects Fund	\$ -	\$ -	\$ -	\$ 1,496,880	\$ -
Total Funding Source(s)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,496,880</u>	<u>\$ -</u>
Funding Use(s)					
Design & Construction	\$ -	\$ -	\$ -	\$ 1,496,880	\$ -
Total Funding Use(s)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,496,880</u>	<u>\$ -</u>
Impact on Operating Funds					
	\$ -	\$ -	\$ -	\$ -	\$ -

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Lakeside Drive Reconstruction	Department	Engineering
Description	The project will consist of replacing the damaged curb & gutter, sidewalk, and deteriorating subgrade and reconstructing the road from Beverly to Armstrong Avenue.	Project Ranking	II
Project Year	FY 2017-18	Departmental Priority Ranking	3



Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail



Project Name	Armstrong Parkway Reconstruction	Department	Engineering
Description	The project will consist of replacing the damaged curb & gutter, sidewalk, and deteriorating subgrade and total reconstruction of the westbound lane Preston Road to Douglas Avenue.	Project Ranking	II
Project Year(s)	FY 2018-19	Departmental Priority Ranking	4

Project Justification The westbound lane in the 4200 block of Armstrong Parkway has been showing signs of cracking and rapid deterioration of the asphalt. The driving surface is failing in some areas due to a weakened sub-grade. Project advantages include increased safety, improved drainage, improved sidewalks, better appearance, better ride quality, and less maintenance. Overtime, without reconstruction, the road condition will worsen and the cost of reconstruction will likely increase based on construction costs.

Total Estimated Project Cost **\$780,720**

Funding Mechanism **Current Resources**

Project Funding					
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Capital Projects Fund	\$ -	\$ -	\$ -	\$ -	\$ 780,720
Total Funding Source(s)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 780,720</u>
Funding Use(s)					
Design & Construction	\$ -	\$ -	\$ -	\$ -	\$ 780,720
Total Funding Use(s)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 780,720</u>
Impact on Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Armstrong Parkway Reconstruction	Department	Engineering
Description	The project will consist of replacing the damaged curb & gutter, sidewalk, and deteriorating subgrade and total reconstruction of the westbound lane Preston Road to Douglas Avenue.	Project Ranking	II
Project Year	FY 2018-19	Departmental Priority Ranking	4



**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**

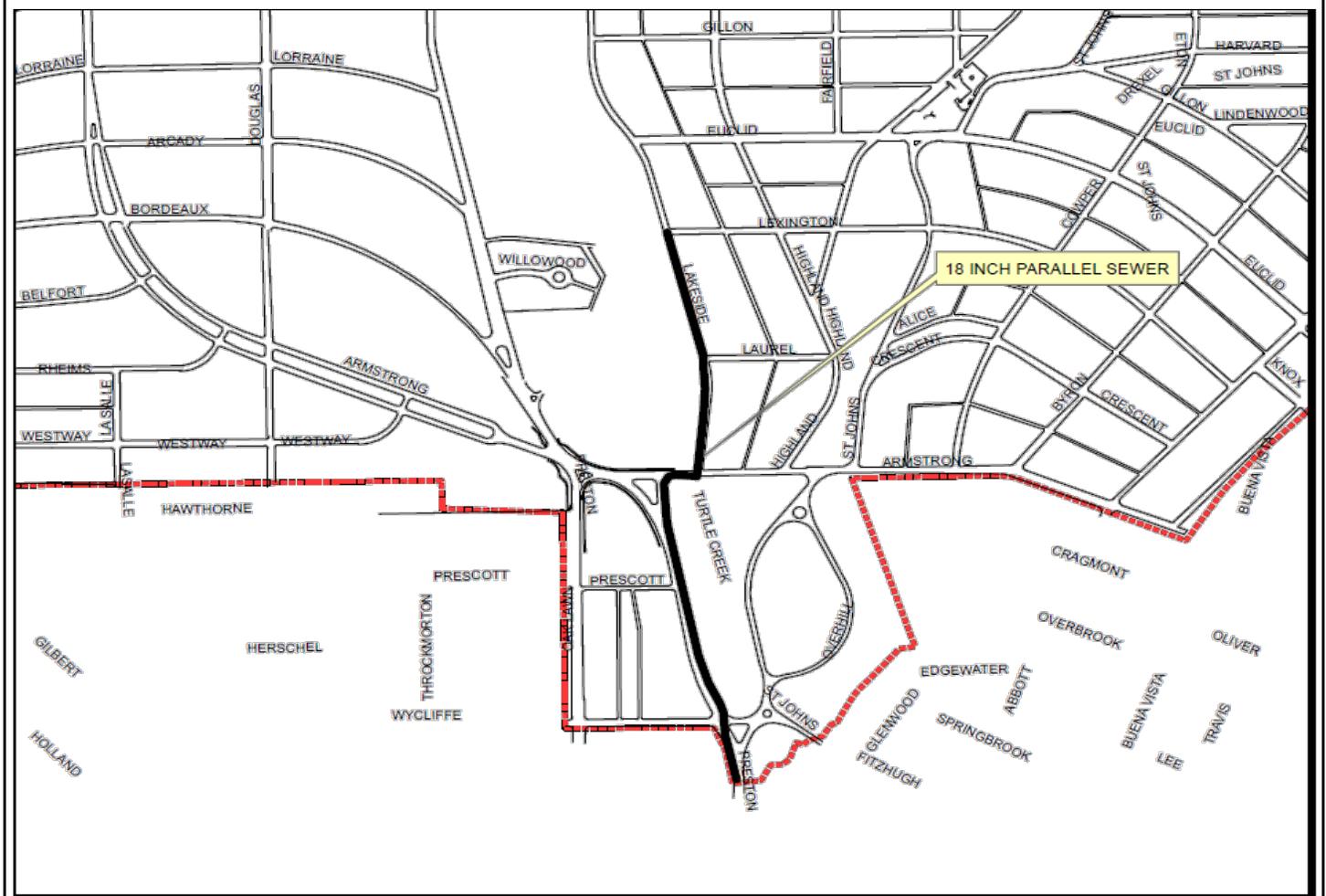


Project Name	Turtle Creek 30-Inch Sanitary Sewer Interceptor Improvement		Department	Engineering	
Description	The project will consist of rehabilitating the 18-inch SMU sanitary sewer that runs parallel to the 30-inch sanitary sewer from Lexington Avenue to Wycliffe Avenue.		Project Ranking	1	
Project Year(s)	FY 2014-15		Departmental Priority Ranking	1	
Project Justification	The Town recently committed to the TCEQ's Sanitary Sewer Overflow (SSO) Initiative 5-year program. This program is designed to reduce SSO's within the Town. A recent study of the 30-inch sanitary sewer shows that by constructing the parallel sanitary sewer line in conjunction with the City of Dallas increasing their capacity, SSO's will be eliminated. University Park will participate in this project, providing for 50% of the cost.				
Total Estimated Project Cost			\$1,100,000		
Funding Mechanism					
Current Resources & Intergovernmental Revenue					
Project Funding					
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Intergovernmental	\$ 550,000	\$ -	\$ -		\$ -
Utility Fund	550,000	-	-	-	-
Total Funding Source(s)	<u>\$ 550,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Funding Use(s)					
Design & Construction	\$ 1,100,000	\$ -	\$ -	\$ -	\$ -
Total Funding Use(s)	<u>\$ 1,100,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Impact on Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Turtle Creek 30-Inch Sanitary Sewer Interceptor Improvement	Department	Engineering
Description	The project will consist of rehabilitating the 18-inch SMU sanitary sewer that runs parallel to the 30-inch sanitary sewer from Lexington Avenue to Wycliffe Avenue.	Project Ranking	1
Project Year	FY 2014-15	Departmental Priority Ranking	1



Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail



Project Name	Gillon Pump Station	Department	Engineering
Description	The project consists of replacing existing pumps at Gillon Pump Station with larger size pumps rated at higher head, increasing capacity from 500 gpm to about 750 gpm. The project also, replaces approximately 300 linear feet of the existing Gillon 10-inch water line with a 14-inch water line from the Gillon Pump Station to Abbot Avenue.	Project Ranking	II
Project Year(s)	FY 2015-16	Departmental Priority Ranking	2

Project Justification The project includes replacing 23-year old pumps with larger, more reliable pumps and motors, updating electrical to meet current standards, and improving water pressures. If the project is not completed the improvements to water pressure, that the project is intended to address, will not be realized. Moreover, as the current system continues to age, it can be expected that the system will need greater maintenance.

Total Estimated Project Cost \$475,000

Funding Mechanism Current Resources

Project Funding					
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Utility Fund	\$ -	\$ 475,000	\$ -	\$ -	\$ -
Total Funding Source(s)	<u>\$ -</u>	<u>\$ 475,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Funding Use(s)					
Design & Construction	\$ -	\$ 475,000	\$ -	\$ -	\$ -
Total Funding Use(s)	<u>\$ -</u>	<u>\$ 475,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Impact on Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Gillon Pump Station	Department	Engineering
Description	The project consists of replacing existing pumps at Gillon Pump Station with larger size pumps rated at higher head, increasing capacity from 500 gpm to about 750 gpm. The project also, replaces approximately 300 linear feet of the existing Gillon 10-inch water line with a 14-inch water line from the Gillon Pump Station to Abbot Avenue.	Project Ranking	II
Project Year	FY 2015-16	Departmental Priority Ranking	2

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**

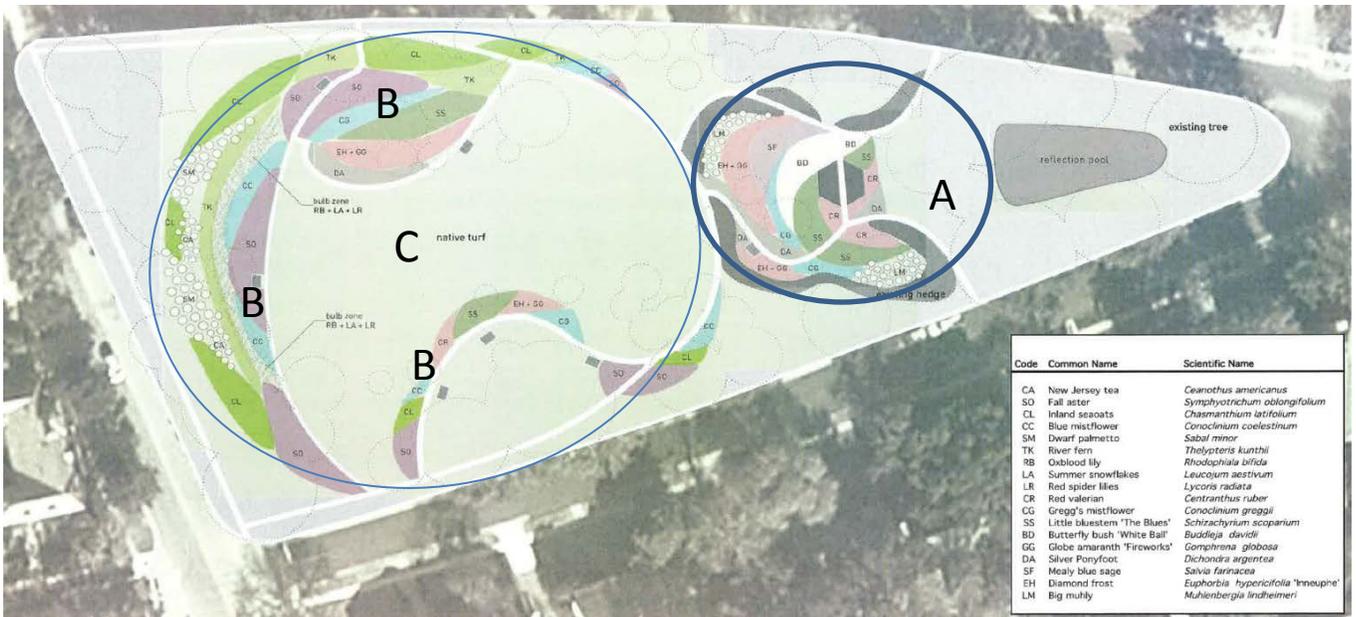


Project Name	Water Conservation Demonstration Garden (Flippen Park)		Department	Parks & Recreation	
Description	Redevelopment of the park area supports a major work initiative identified by the Town Council to reduce the per capita use of water.		Project Ranking	II	
Project Year(s)	FY 2014-15		Departmental Priority Ranking	N/A	
Project Justification	In 2011, total water use for Flippen Park was 4.6 million gallons of water. In 2012, with initial conservation efforts water usage was reduced to 3.0 million gallons. In 2013, with precision nozzles and reduced watering schedules, water usage was reduced to 2.3 millions gallons. This Project, with the installation of a new irrigation system using smart technologies, soil moisture sensors, and a combination of drip irrigation, precision nozzles and micro-emitters will continue to reduce water consumption by 50% or 1.1 million gallons of water annually.				
Total Estimated Project Cost			\$274,550		
Funding Mechanism					
Current Resources					
Project Funding					
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Utility Fund	\$ 274,550	\$ -	\$ -	\$ -	\$ -
Total Funding Source(s)	<u>\$ 274,550</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Funding Use(s)					
Design & Construction	\$ 274,550	\$ -	\$ -	\$ -	\$ -
Total Funding Use(s)	<u>\$ 274,550</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Impact on Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Water Conservation Demonstration Garden (Flippen Park)	Department	Parks & Recreation
Description	Redevelopment of the park area supports a major work initiative identified by the Town Council to reduce the per capita use of water.	Project Ranking	II
Project Year	FY 2014-15	Departmental Priority Ranking	N/A



Planting Zone B
Proposed Plantings
Globe Amaranthus "fireworks"



Planting Zone B
Proposed Plantings
Fall Aster



Planting Zone B
Proposed Plantings
Little bluestem "The blues"



Note: Not all proposed plantings are depicted here.

Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail



Project Name	Water & Sanitary Sewer Infrastructure Replacement/Rehabilitation	Department	Engineering
Description	An annual program to replace aging water mains and sanitary sewer mains throughout the Town.	Project Ranking	II
Project Year(s)	FY 2015-19	Departmental Priority Ranking	N/A

Project Justification Projects are prioritized based on the number of water main breaks, condition of the sanitary sewer, and condition of the concrete alley. Priorities often change from year to year. Program expenditures and resources are projected to be used in conjunction with the improvements to the Turtle Creek 30-inch sanitary sewer interceptor in FY 2014-2015. The Town has maintained a pay-as-you-go program for the replacement/rehabilitation of its aging water and sanitary sewer systems since the 1980's. There are many advantages to replacing aged water mains and sewer mains including, but not limited to; increased reliability, less disruption of services, less unaccounted water loss, less maintenance, and reduced I/I and SSO's meeting State requirements.

Total Estimated Project Cost **\$8,632,968**

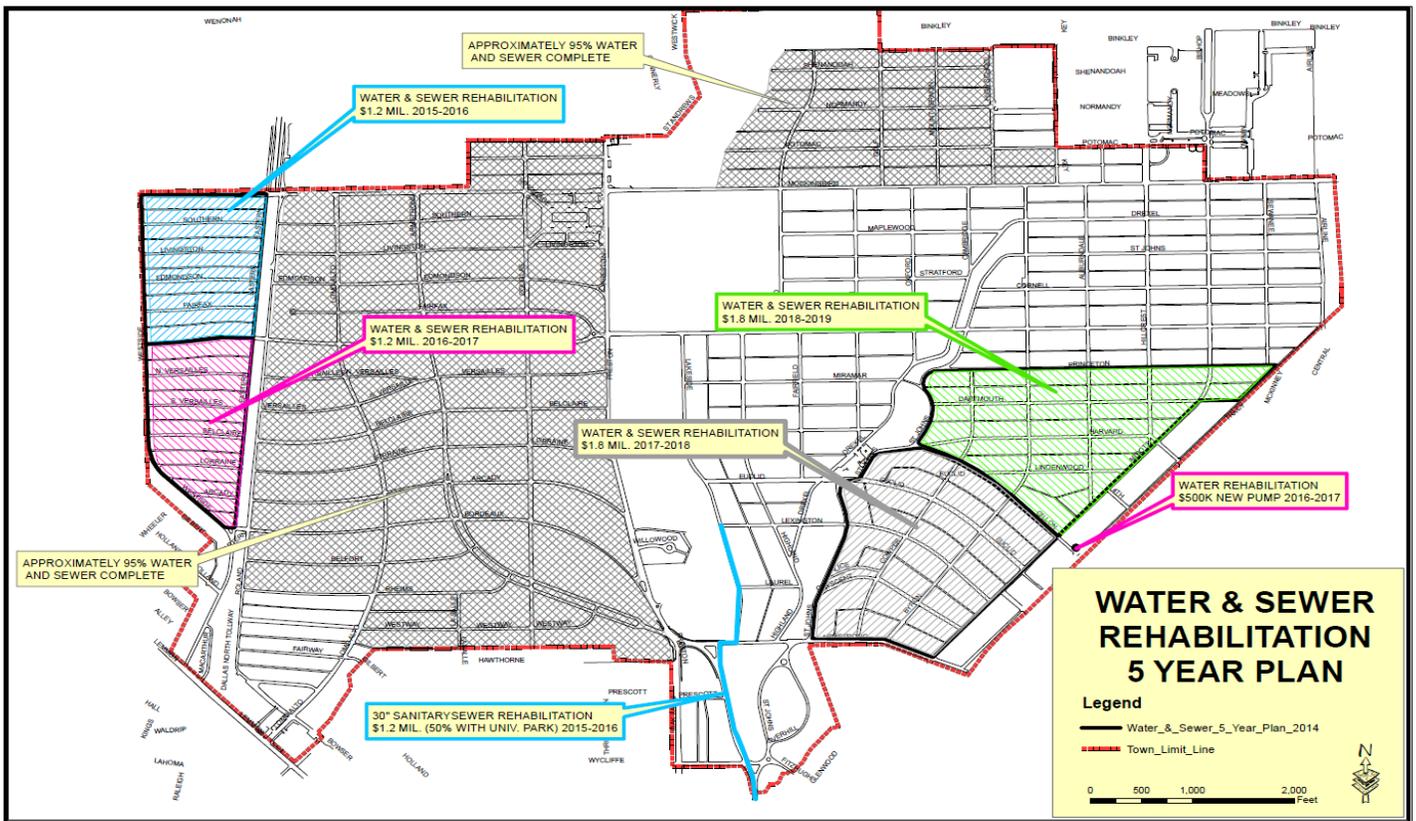
Funding Mechanism **Current Resources**

Project Funding	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Utility Fund	\$ 1,100,000	\$ 1,400,000	\$ 2,000,000	\$ 2,044,000	\$ 2,088,968
Total Funding Source(s)	<u>\$ 1,100,000</u>	<u>\$ 1,400,000</u>	<u>\$ 2,000,000</u>	<u>\$ 2,044,000</u>	<u>\$ 2,088,968</u>
Funding Use(s)					
Design & Construction	\$ 1,100,000	\$ 1,400,000	\$ 2,000,000	\$ 2,044,000	\$ 2,088,968
Total Funding Use(s)	<u>\$ 1,100,000</u>	<u>\$ 1,400,000</u>	<u>\$ 2,000,000</u>	<u>\$ 2,044,000</u>	<u>\$ 2,088,968</u>
Impact on Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -

Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail



Project Name	Water & Sanitary Sewer Infrastructure Replacement/Rehabilitation	Department	Engineering
Description	An annual program to replace aging water mains and sanitary sewer mains throughout the Town.	Project Ranking	II
Project Year	FY 2015-19	Departmental Priority Ranking	N/A



**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Douglas Park Drainage Improvement	Department	Parks & Recreation
Description	The project will consist of survey, engineering design and installation of drainage improvements, grading and restoration of Douglas Park.	Project Ranking	II
Project Year	FY 2015-16	Departmental Priority Ranking	1

Project Justification The eastern two-thirds of Douglas Park drain in a south-easterly direction across the residential properties in the 4200 block of Armstrong Parkway. The proposed drainage improvements will eliminate the nuisance ponding, damage to private property and assist in mosquito abatement.

Total Estimated Project Cost \$105,000

Funding Mechanism Storm Water Fees

Project Funding					
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Storm Water Fund	\$ -	\$ 105,000	\$ -	\$ -	\$ -
Total Funding Source(s)	<u>\$ -</u>	<u>\$ 105,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Funding Use(s)					
Design & Construction	\$ -	\$ 105,000	\$ -	\$ -	\$ -
Total Funding Use(s)	<u>\$ -</u>	<u>\$ 105,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Impact on Operating Funds					
	<u>\$ -</u>				

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Douglas Park Drainage Improvement	Department	Parks & Recreation
Description	The project will consist of survey, engineering design and installation of drainage improvements, grading and restoration of Douglas Park.	Project Ranking	II
Project Year	FY 2015-16	Departmental Priority Ranking	1



**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Evaluation of Exall Lake Dredging & Silt Removal	Department	Engineering
Description	The evaluation would include hydraulic analysis, method of removal and detail cost estimates related to the removal of silt in Exall Lake from Beverly Drive to the Exall Dam.	Project Ranking	III
Project Year(s)	FY 2014-15	Departmental Priority Ranking	1

Project Justification Accumulated sediment is restricting flow capacity and adding additional loads on the dammed portion of Turtle Creek – Exall Dam. The poor water quality is due to an inadequate water depth and algae growth.

Total Estimated Project Cost **\$45,000**

Funding Mechanism **Current Resources**

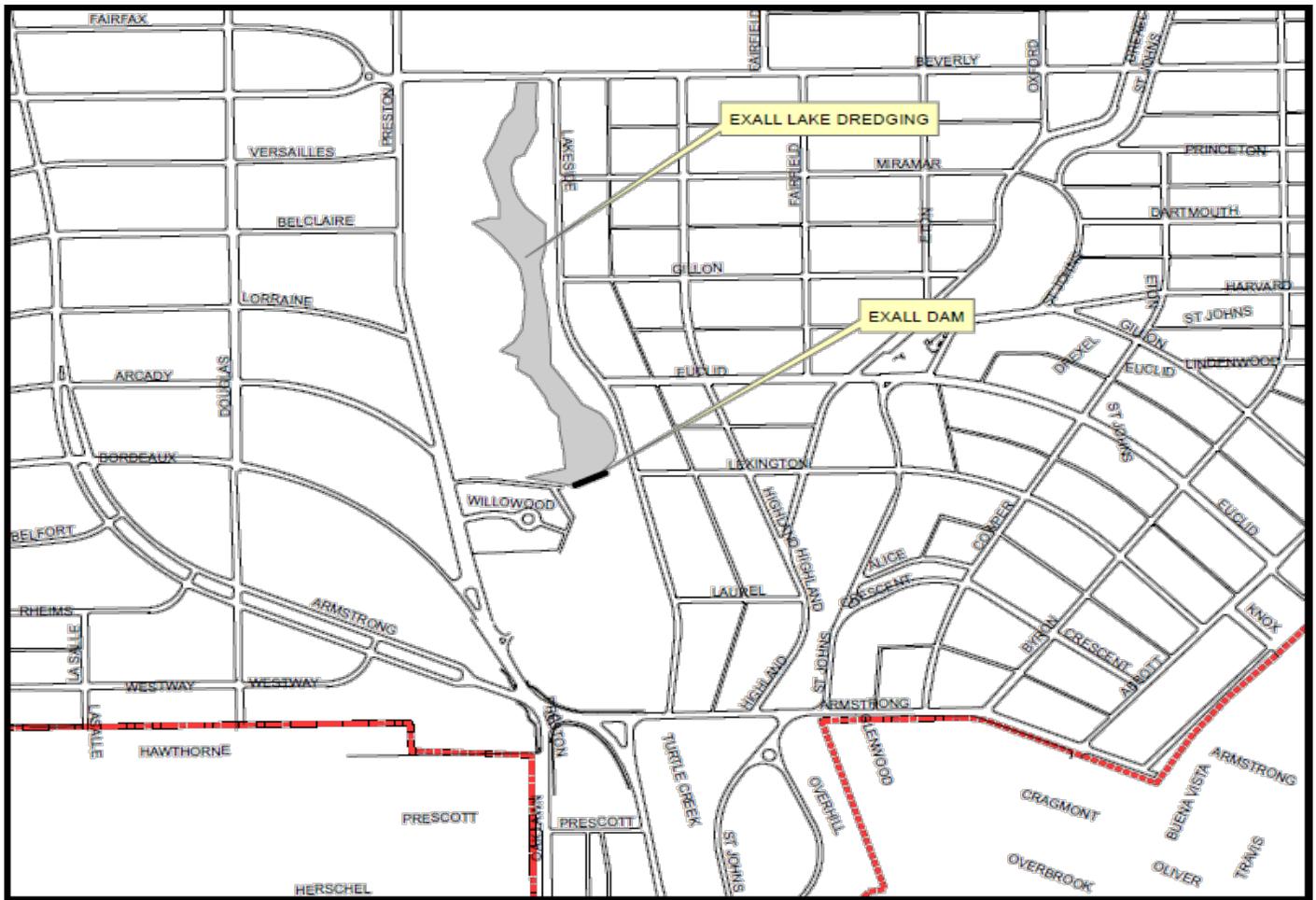
Project Funding

	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Storm Water Fund	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Total Funding Source(s)	<u>\$ 45,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Funding Use(s)					
Consulting Fees	\$ 45,000	\$ -	\$ -	\$ -	\$ -
Total Funding Use(s)	<u>\$ 45,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Impact on Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -

**Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail**



Project Name	Evaluation of Exall Lake Dredging & Silt Removal	Department	Engineering
Description	The evaluation would include hydraulic analysis, method of removal and detail cost estimates related to the removal of silt in Exall Lake from Beverly Drive to the Exall Dam.	Project Ranking	III
Project Year	FY 2014-15	Departmental Priority Ranking	1



Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail



Project Name	Evaluation of Conner Park Shoreline Stabilization & Silt Removal		Department	Engineering	
Description	The engineering study will consist of hydraulic modeling, location of proposed erosion control systems, evaluating types of treatment options available and associated construction costs from Turtle Creek between Armstrong Avenue and Wycliffe Avenue.		Project Ranking	III	
Project Year(s)	FY 2014-15		Departmental Priority Ranking	2	
Project Justification	Stabilization of the stream banks is necessary to reduce erosion and the loss of trees. The lake was recently lowered to inspect the Armstrong Bridge and a large amount of accumulated silt and erosion was observed.				
Total Estimated Project Cost			\$75,000		
Funding Mechanism					
Current Resources					
Project Funding					
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Storm Water Fund	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Total Funding Source(s)	<u>\$ 75,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Funding Use(s)					
Consulting Fees	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Total Funding Use(s)	<u>\$ 75,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Impact on Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -

Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail



Project Name	Evaluation of Hackberry Creek Stream Bank Restoration		Department	Engineering	
Description	The Engineer's scope of work will consist of hydraulic modeling of the creek to stabilize the eroded stream banks and removing sediment from Hackberry Creek between Byron Avenue and Turtle Creek south of Armstrong Avenue. Several stabilization options will be evaluated and estimated.		Project Ranking	III	
Project Year(s)	FY 2014-15		Departmental Priority Ranking	5	
Project Justification	Heavy rain events have resulted in the erosion of the stream bank along Hackberry Creek. As a result, tree roots have been exposed, causing trees to fall, creating blockages and collection of sediment. Stabilization of the stream banks is necessary to reduce erosion, the loss of trees, and reduce the amount of sediment deposited into Turtle Creek.				
Total Estimated Project Cost			\$75,000		
Funding Mechanism			Current Resources		
Project Funding					
	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Funding Source(s)					
Storm Water Fund	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Total Funding Source(s)	<u>\$ 75,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Funding Use(s)					
Consulting Fees	\$ 75,000	\$ -	\$ -	\$ -	\$ -
Total Funding Use(s)	<u>\$ 75,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Impact on Operating Funds	\$ -	\$ -	\$ -	\$ -	\$ -

Town of Highland Park
2015-2019 Capital Improvement Plan
Project Detail



Project Name	Evaluation of Hackberry Creek Stream Bank Restoration	Department	Engineering
Description	The Engineer's scope of work will consist of hydraulic modeling of the creek to stabilize the eroded stream banks and removing sediment from Hackberry Creek between Byron Avenue and Turtle Creek south of Armstrong Avenue. Several stabilization options will be evaluated and estimated.	Project Ranking	III
Project Year	FY 2014-15	Departmental Priority Ranking	5

