

**Federal Forfeiture -Special Project Fund - Fund 115**

Description	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	TOTAL
Beginning Fund Balance	761,000	761,000	761,000	761,000	761,000	3,805,000
Forfeitures	50,000	50,000	50,000	50,000	50,000	250,000
<b>Total Revenue Sources</b>	<b>811,000</b>	<b>811,000</b>	<b>811,000</b>	<b>811,000</b>	<b>811,000</b>	<b>4,055,000</b>

Project Title	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	TOTAL
Other Operating	50,000	50,000	50,000	50,000	50,000	250,000
Project Reserve	761,000	761,000	761,000	761,000	761,000	3,805,000
<b>Total Expenditures</b>	<b>811,000</b>	<b>811,000</b>	<b>811,000</b>	<b>811,000</b>	<b>811,000</b>	<b>4,055,000</b>

**Special Project Fund - Public Arts Program Fund 115**

<b>Description</b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>TOTAL</b>
Beginning Balance	154,815	-	-	-	-	
Interfund Transfer-Recreation Impact Fund						
Interfund Transfer-General Construction Fund		0	0	0	0	
<b>Total Revenue Sources</b>	<b>154,815</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Project Title</b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>TOTAL</b>
Other Professional Services						
Project Reserve	154,815					
<b>Total Expenditures</b>	<b>154,815</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Recreation Impact Fee Fund - 117**

Description	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	TOTAL
Recreation Impact Fee	150,000	100,000	50,000	25,000	25,000	350,000
<b>Total Revenue Sources</b>	<b>150,000</b>	<b>100,000</b>	<b>50,000</b>	<b>25,000</b>	<b>25,000</b>	<b>350,000</b>

Project Title	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	TOTAL
Project Reserve	150,000	100,000	50,000	25,000	25,000	350,000
<b>Total Expenditures</b>	<b>150,000</b>	<b>100,000</b>	<b>50,000</b>	<b>25,000</b>	<b>25,000</b>	<b>350,000</b>

GENERAL CONSTRUCTION FUND FUNDING	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	TOTAL
<b>CRA Funding</b>						
ESD-Construction of City Sidewalks (City Limits) - CRA	300,000	50,000	495,000			845,000
ESD-/CRA Block 63 Alley				110,000		110,000
ESD-CRA Parking Management - CRA	350,000	200,000				550,000
ESD-DBCA Master Plan (Site and Park Imp.) - CRA	500,000	200,000	800,000			1,500,000
PR-Hilltopper Elevator	115,000					115,000
ESD NE 3rd St/Ave Alley Improv		2,057,000				2,057,000
ESD-NW/SW Neighborhood Alleys (NW Allely 15)-CRA	500,000		385,000			885,000
ESD-NW/SW Neighborhood Alleys (NW Allely 17/18)-CRA		700,000	3,375,986	5,300,120	2,600,060	11,976,166
ESD-Osceola Neighborhood Improvements-CRA	837,870	2,758,395	2,758,395			6,354,660
ESD/CRA-NW 5th Ave	400,000					400,000
ESD-CRA SW 6th ,7th , 8th, 9th Improvement		100,000				100,000
ESD-Pompey Master Plan	800,000		4,000,000	4,800,000	4,000,000	13,600,000
ESD-Roadway Reconstruction - (OCI Rating 0-39)CRA	580,700	2,026,212	2,026,212			4,633,124
ESD-Roadway Reconstruction - (OCI Rating 40-50)CRA		253,097	1,392,035	1,392,035		3,037,167
ESD-Roadway Reconstruction - (OCI Rating 51-70)CRA					1,702,499	1,702,499
ESD/CRA-SW 4th Av. Atl-SW 10th		100,000				100,000
ESD/CRA-SW 4th Av. Beautification - Atlantic to SE 2nd St			800,000			800,000
ESD/CRA-SW 14th Ave. SW2nd St 3rd St (SW Alley)			550,000			550,000
PR-Tennis Center Structural Assessment	75,000					75,000
<b>Transfer from General Fund</b>						
PR-Miller Park Shade System	60,000					60,000
PD AC Replacement	177,000					177,000
Debt Service for FY 15/16 Financed items	1,212,395					1,212,395
Merritt Park Lights R&R Debt	43,668					43,668
ESD-MPO Local Agency Project-NE 2nd Av/Seacrest PH I	125,540					125,540
ESD/CRA-Roadway Reconstruction - (OCI Rating 0-39)	132,595					132,595
ESD/Pedestrian Improvements East Atlantic Ave-Debt	100,000					100,000
ESD/PW- Decorative Street Lights	200,000	200,000				400,000
ESD-MPO Local Initiative - Lowson Blvd. Military Trail to Congress Ave. to SE 6th Ave.	195,000			1,082,500		1,277,500
ESD-MPO-NE 2nd Av/Seacrest Beautification Ph 3	203,500		1,100,000			1,303,500
Parking Meters-Upgrade & installation-Debt	100,000					100,000
Old Train Depot Rehab	250,000					250,000
PR-Special Event Van	26,210					26,210
<b>General Construction Fund-Financing</b>						
PR-Merritt Parks Lights R&R	218,340					218,340
ESD-Barwick Road Sidewalks (West Side)					550,000	550,000

GENERAL CONSTRUCTION FUND FUNDING	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	TOTAL
ESD/Pedestrian Improvements East Atlantic Ave	500,000					500,000
ESD-MPO Local Agency Project-NE 2nd Av/Seacrest PH I	627,700					627,700
ESD-Osceola Neighborhood Improvements-CRA		2,758,395	2,758,395			5,516,790
ESD-Roadway Reconstruction - (OCI Rating 0-39)CRA		2,026,212	2,026,212			4,052,424
ESD-Roadway Reconstruction - (OCI Rating 40-50)CRA		1,424,410	4,398,053	4,398,053		10,220,516
Parking Meters-Upgrade & installation	500,000					500,000
ESD/PW-City Buildings-Air Conditioners		75,000	250,000	250,000	250,000	825,000
ESD/PW-City Library Roll UP Gates		50,000				50,000
ESD/PW- Garage Roll Up Doors		50,000				50,000
ESD/PW-Citywide Buildings-Roofs		100,000	500,000	500,000	500,000	1,600,000
ESD/PW-Citywide Other City components		100,000	500,000	500,000	500,000	1,600,000
ESD/PW-OSS Parking Garage-LED Lighting		125,000				125,000
ESD-Lake Ida Project FDEP		332,300				332,300
ESD-Marine Way Roadway and Seawall Construction		100,000	5,610,000			5,710,000
ESD -MPO Project-NE 2nd Av/Seacrest PH II		1,578,034				1,578,034
Fire-Fire -Ocean Rescue Lifeguard Towers		77,400	77,400	77,400	77,400	309,600
Fire-FS#1 Apparatus Bay Floor		50,000				50,000
PD-Land Acquisition for future EOC				3,000,000	5,000,000	8,000,000
PD-Video Control Room/Surveillance Cameras Project		300,000				300,000
PR-Atlantic Dunes Nature Trail				30,000	203,500	233,500
New Debt Service		1,287,671	2,869,274	5,541,607	7,292,697	16,991,249
Carry Over Debt Service		1,581,603	2,672,333	1,751,090	1,416,180	7,421,206
<b>TOTAL GENERAL CONSTRUCTION FUND FUNDING</b>	<b>9,130,518</b>	<b>20,660,729</b>	<b>39,344,295</b>	<b>28,732,805</b>	<b>24,092,336</b>	<b>121,960,683</b>

<b>General Construction Fund</b>						
Project Title	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	TOTAL
ESD-Barwick Road Sidewalks (West Side)					550,000	550,000
ESD-/CRA Block 63 Alley				110,000		110,000
ESD-NE 3rd St/Alley Ave Improvements		2,057,000				2,057,000
ESD/CRA-NW 5th Ave	400,000					400,000
ESD/CRA-NW/SW Neighborhood Alleys (NW Alley 17/18)		700,000	3,375,987	5,300,120	2,600,060	11,976,166
ESD/CRA-NW/SW Neighborhood Alleys (NW Alley 2015)	500,000		385,000			885,000
ESD/CRA-Old School Square Renovations and Maintenance	500,000	200,000	800,000			1,500,000
ESD/CRA-Osceola Neighborhood Improvements	837,870	5,516,790	5,516,790			11,871,450
ESD/CRA-Parking Management (operating budget)	350,000	200,000				550,000
ESD/Pedestrian Improvements East Atlantic Ave	500,000					500,000
ESD/Pedestrian Improvements East Atlantic Ave-Debt	100,000					100,000

GENERAL CONSTRUCTION FUND FUNDING	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	TOTAL
ESD/CRA-Roadway Reconstruction - (OCI Rating 0-39)	713,295	4,052,424	4,052,424			8,818,143
ESD-Roadway Reconstruction - (OCI Rating 40-50)		1,677,507	5,790,088	5,790,088		13,257,683
ESD/CRA-Roadway Reconstruction - (OCI Rating 50-59)					1,702,499	1,702,499
ESD/CRA-SE 4th Av Beautification-Atlantic to SE 2nd St			800,000			800,000
ESD/CRA-Sidewalks-Other	300,000	50,000	495,000			845,000
ESD/CRA-SW 14th Ave. SW2nd St 3rd St (SW Alley)			550,000			550,000
ESD/CRA-SW 4th Av. Atl-SW 10th		100,000				100,000
ESD-CRA SW 6th ,7th , 8th, 9th Improvement		100,000				100,000
ESD/PW- Garage Roll Up Doors		50,000				50,000
ESD/PW- Parking meters upgrade and initial installation	500,000					500,000
ESD/PW- Parking meters upgrade and initial installation-Debt	100,000					100,000
ESD/PW-City Buildings-Air Conditioners		75,000	250,000	250,000	250,000	825,000
ESD/PW-City Library Roll UP Gates		50,000				50,000
ESD/PW-Citywide Buildings-Roofs		100,000	500,000	500,000	500,000	1,600,000
ESD/PW-Citywide Other City components		100,000	500,000	500,000	500,000	1,600,000
ESD/PW-OSS Parking Garage-LED Lighting		125,000				125,000
ESD/PW- Decorative Street Lights	200,000	200,000				400,000
ESD-Historic Train Depot Station Renovations	250,000					250,000
ESD-Lake Ida Project FDEP		332,300				332,300
ESD-Marine Way Roadway and Seawall Construction		100,000	5,610,000			5,710,000
ESD-MPO Local Agency Project-NE 2nd Av/Seacrest PH I	627,700					627,700
ESD-MPO Local Agency Project-NE 2nd Av/Seacrest PH I Debt	125,540					125,540
ESD-MPO Local Initiative - Lowson Blvd. Military Trail to Congress Ave. to SE 6th Ave.	195,000			1,082,500		1,277,500
ESD-MPO-NE 2nd Av/Seacrest Beautification Ph 3	203,500		1,100,000			1,303,500
ESD -MPO Project-NE 2nd Av/Seacrest PH II		1,578,034				1,578,034
Fire-Fire -Ocean Rescue Lifeguard Towers		77,400	77,400	77,400	77,400	309,600
Fire-FS#1 Apparatus Bay Floor		50,000				50,000
PD AC Replacement	177,000					177,000
PD-Land Acquisition for future EOC				3,000,000	5,000,000	8,000,000
PD-Video Control Room/Surveillance Cameras Project		300,000				300,000
PR/CRA-Pompey Park Master Plan	800,000		4,000,000	4,800,000	4,000,000	13,600,000
PR-Atlantic Dunes Nature Trail				30,000	203,500	233,500
PR-Hilltopper Elevator	115,000					115,000
PR-Merritt Park Lights R&R	218,340					218,340
PR-Merritt Park Lights R&R-Debt	43,668					43,668
PR-Miller Park Shade System	60,000					60,000
PR-Special Event Van	26,210					26,210
PR-Tennis Center Structural Assessment	75,000					75,000
New Debt Service		1,287,671	2,869,274	5,541,607	7,292,697	16,991,249
Carry Over Debt Service		1,581,603	2,672,333	1,751,090	1,416,180	7,421,206
Debt Service FY 15/16 items	1,212,395					1,212,395
<b>TOTAL GENERAL CONSTRUCTION FUND EXPENSES</b>	<b>9,130,518</b>	<b>20,660,729</b>	<b>39,344,296</b>	<b>28,732,805</b>	<b>24,092,336</b>	<b>121,960,683</b>

**City Marina-Revenue**

		<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>TOTAL</b>
426-0000-301-42.00	PRIOR YEAR SURPLUS	11,270	140,785				<b>152,055</b>
426-0000-329-xx.xx	Other License/Fees/Permits	1,850	1,700	1,700	1,700	1,700	<b>8,650</b>
426-0000-347-51.00	Wastewater Pump Station	3,540	3,100	3,100	3,100	3,100	<b>15,940</b>
426-0000-347-81.00	Marina Dock Fees	216,925	213,000	213,000	213,000	213,000	<b>1,068,925</b>
426-0000-347-82.00	Late Fees		300	300	300	300	<b>1,200</b>
426-0000-361-10.00	Interest on Investments	7,200	450	450	450	450	<b>9,000</b>
426-0000-362-25.00	Comm-King Coin Laundry - Rent		250	250	250	250	<b>1,000</b>
426-000-369-00.00	Misc. Revenue		200	200	200	200	<b>800</b>
426-0000-384-14.00	Financing		663,215				<b>663,215</b>
		<b>240,785</b>	<b>1,023,000</b>	<b>219,000</b>	<b>219,000</b>	<b>219,000</b>	<b>1,920,785</b>

**City Marina-Expenses**

<b>Project Title</b>	<b>Page#</b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>TOTAL</b>
PR-Marina Renovation R&R	426-4311-575-31.30	100,000	1,023,000				1,123,000
PROJECT RESERVE		140,785		219,000	219,000	219,000	797,785
		<b>240,785</b>	<b>1,023,000</b>	<b>219,000</b>	<b>219,000</b>	<b>219,000</b>	<b>1,920,785</b>

**Water & Sewer Fund- 441 - Revenue**

	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>TOTAL</b>
Prior Year Balance	3,065,000	2,650,000	500,000	550,000	600,000	7,365,000
Water Connection Charges	100,000	100,000	100,000	100,000	100,000	500,000
Sewer Connection Charges	250,000	250,000	250,000	250,000	250,000	1,250,000
	<b>3,415,000</b>	<b>3,000,000</b>	<b>850,000</b>	<b>900,000</b>	<b>950,000</b>	<b>9,115,000</b>

**Water & Sewer Fund- 441 - Expenses**

<b>Project Title</b>	<b>Page#</b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>TOTAL</b>
PU-Reclaimed Water System Expansion, Area 6		190,000	2,200,000				2,390,000
PU-Reclaimed Water System Expansion, Area 12 C		2,475,000					2,475,000
PU-Customer Connections to Reclaimed Water System ( after completion of construction)		200,000	200,000	200,000	200,000	200,000	1,000,000
City Contribution to CIP SCRWTP (FY 17-22)		550,000	600,000	650,000	700,000	750,000	3,250,000
<b>Water &amp; Sewer Fund Total</b>		<b>3,415,000</b>	<b>3,000,000</b>	<b>850,000</b>	<b>900,000</b>	<b>950,000</b>	<b>9,115,000</b>



**Water & Sewer R& R Fund- 442 - Revenue**

	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>TOTAL</b>
Transfer from Water Sewer Fund	5,564,348	7,454,850	3,923,618	2,611,268	1,455,000	21,009,084
	<b>5,564,348</b>	<b>7,454,850</b>	<b>3,923,618</b>	<b>2,611,268</b>	<b>1,455,000</b>	<b>21,009,084</b>

**EXPENDITURES-Water & Sewer R&R Fund-442**

<b>Project Title</b>	<b>Page#</b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>TOTAL</b>
City Contribution to R&R SCRWTP (FY 17-22)		84,000	84,000	84,000	84,000	84,000	420,000
ESD-Golf Club Estate Annexation; Infrastructure Enhancement		200,000	1,600,000				1,800,000
ESD/IT-Computer Aided Design (CADD) Upgrade Licenses		37,500					37,500
ESD-Lewis Cove Drainage Improvements		125,000					125,000
ESD-Marine Way,Veterans Pk & City Marina Sewall Const.		45,000					45,000
ESD-Reclaimed Water System Expansion, Area 12		442,500					442,500
ESD-Reclaimed Water System Expansion, Area 6			220,000				220,000
ESD-Roadway Reconstruction - (OCI Rating 0-39)		144,348	347,350	347,350			839,048
ESD/CRA-Roadway Reconstruction - (OCI Rating 40-49)				1,156,268	1,156,268		2,312,536
ESD/CRA-NE 3rd St/Ave Alley Improvements			137,500				137,500
ESD-Sanitary Sewer Force Main System 58A & 87 Replacement		900,000					900,000
Public Utilities- ESD Complex Security Upgrades		50,000	550,000				600,000
Public Utilities-ESD-Bldg LS Wet Well Rehabilitation		100,000	100,000	100,000	100,000	100,000	500,000
Public Utilities-ESD-Fixed Generator Rplcmnts		120,000	120,000	120,000	120,000	120,000	600,000
Public Utilities-ESD-Large Water Meter R&R		25,000	25,000	25,000	25,000	25,000	125,000
Public Utilities-ESD-Lift Station Rehabilitation		160,000	160,000	160,000	160,000	160,000	800,000
Public Utilities-ESD-Lift Station #1 Upgrade		190,000	1,450,000				1,640,000
Public Utilities-ESD-Production Well Rehabilitation		200,000	200,000	200,000	200,000	200,000	1,000,000
Public Utilities-ESD-Public Utilities Portable Generator Rplcmnts		220,000	220,000	220,000			660,000
Public Utilities-ESD-Sanitary Sewer Man-Hole Rehab		75,000	75,000	75,000	75,000	75,000	375,000
Public Utilities-ESD-Sanitary Sewer Rehab		550,000	550,000	550,000	550,000	550,000	2,750,000
Public Utilities-ESD-Small Water Meter R&R		50,000	50,000	50,000	50,000	50,000	250,000
Public Utilities-ESD-Upgrade of Lift Station Telemetry System		460,000	460,000	460,000			1,380,000
Public Utilities-Elevated Water Storage Tank Maintenance		30,000	30,000	30,000	30,000	30,000	150,000
Public Utilities-Water Distribution System Evaluation		200,000	200,000	200,000			600,000
Public Utilities-Water Line Service Relocations		25,000	25,000	25,000	25,000	25,000	125,000
Public Utilities-Water Valve Renewal & Replacements		36,000	36,000	36,000	36,000	36,000	180,000
Public Utilities-WTP Bleach Tank Replacement		60,000					60,000
Public Utilities-WTP Clarifer Rehab		480,000	480,000				960,000
Public Utilities-WTP Fill & Drainage Valve Replacements		85,000	85,000	85,000			255,000
Public Utilities-WTP Laboratory Mass Spectrometer Instrumentation Unit		180,000					180,000
Public Utilities-WTP Lime Slacker Replacement		250,000	250,000				500,000
Public Utilities-WTP Water Ammonia Tank Replacement		40,000					40,000
<b>Water &amp; Sewer R&amp;R Fund Total</b>		<b>5,564,348</b>	<b>7,454,850</b>	<b>3,923,618</b>	<b>2,611,268</b>	<b>1,455,000</b>	<b>21,009,084</b>

<b><u>Municipal Golf Course-Rev</u></b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>TOTAL</b>
PR-Capital Projects-Financing			435,000	4,356,275		4,791,275
	-	-	<b>435,000</b>	<b>4,356,275</b>	-	<b>4,791,275</b>

<b><u>Municipal Golf Course-Exp</u></b>	<b>FY 16/17</b>	<b>FY 17/18</b>	<b>FY 18/19</b>	<b>FY 19/20</b>	<b>FY 20/21</b>	<b>TOTAL</b>
PR-Golf Course Renovation-R&R			435,000	4,356,275		4,791,275
	-	-	<b>435,000</b>	<b>4,356,275</b>	-	<b>4,791,275</b>

**Storm Water Fund -448 - Revenue**  
ACCOUNT NAME

	Page#	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	TOTAL
SOURCES OF FUNDS:							
Revenue from Storm Water Charges		2,170,740	864,065	2,832,498	2,296,432		8,163,735
Delinquent Storm Water Service Chrg		4,000	4,000	4,000	4,000		16,000
Interest from Tax Collector		500	500	500	500		2,000
Delinquent Storm Water Service Interest		2,000	2,000	2,000	2,000		8,000
Interest from Investments		10,000	10,000	10,000	10,000		40,000
<b>TOTAL REVENUE</b>		<b>2,187,240</b>	<b>880,565</b>	<b>2,848,998</b>	<b>2,312,932</b>	<b>-</b>	<b>8,229,735</b>

Project Title	Page#	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	TOTAL
ESD-Atlantic Av and 2nd Ave Stormwater Improvements		25,000	110,000				135,000
ESD-/CRA Block 63 Alley					33,000		33,000
ESD/IT-Computer Aided Design (CADD) Upgrade Licenses		37,500					37,500
ESD-George Bush Boulevard Storm Water Improvements		137,500					137,500
ESD/CRA-NE 3rd St/Ave Alley Improvements			137,500				137,500
ESD-Island Drive Seawall Repairs		350,000					350,000
ESD-Lakeview Stormwater System Rehabilitation		330,000					330,000
ESD-Lewis Cove Drainage Improvements		225,000					225,000
ESD-Marine Way Seawall Construction		250,000					250,000
ESD-Reclaimed Water System Expansion, Area 12C		355,000					355,000
ESD-Reclaimed Water System Expansion, Area 6			385,000				385,000
ESD/CRA-Roadway Reconstruction - (OCI Rating 0-39)		66,240	231,565	231,565			529,370
ESD/CRA-Roadway Reconstruction - (OCI Rating 40-49)				2,279,933	2,279,932		4,559,865
ESD-SE 4th Av. Beautification - Atlantic to SE 2nd St				200,000			200,000
ESD-SW 14th Ave. SW2nd St 3rd St (SW Alley)				137,500			137,500
ESD/CRA-SW 6th, 7th, 8th and 9th Ave-Improvements			16,500				16,500
ESD-MPO Local Agency Project-NE 2nd Av/Seacrest PH 3		11,000					11,000
ESD-Seawall Vulnerability Analysis		200,000					200,000
ESD-Update Stormwater Master Plan		200,000					200,000
<b>Storm Water Fund Expense Total</b>		<b>2,187,240</b>	<b>880,565</b>	<b>2,848,998</b>	<b>2,312,932</b>	<b>-</b>	<b>8,229,735</b>

**Garage Fund**

Prior year balance	973,010					973,010
Vehicle Rental Fees	2,060,630	2,717,835	2,886,959	3,511,075	2,815,185	13,991,684
Proceeds-Sale of Surplus Property	60,000	60,600	61,210	61,825	62,445	306,080
Sales Scrap	4,000	4,040	4,080	4,120	4,160	20,401
PFM - Interest	22,300	22,525	22,750	22,980	23,210	113,765
	3,119,940	2,805,000	2,975,000	3,600,000	2,905,000	15,404,940

Project Title	Page#	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	TOTAL
Vehicle Replacement-Automotive		1,199,940	2,805,000	2,975,000	3,600,000	2,905,000	13,484,940
Vehicle Replacement-Heavy Equipment		1,825,000					1,825,000
Vehicle Restoration		95,000					95,000
Garage Fund Expense Total		3,119,940	2,805,000	2,975,000	3,600,000	2,905,000	15,404,940



# City of Delray Beach, Florida

## Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund

### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-524

Project Title: Barwick Road Sidewalks (west side)

Picture

Level of Service (LOS): Policy Directives ▼

FY 2016-2018 Goal: LOS Increase ▼

### Relationship to Community Vision and City Commission Goals

### Justification:

A newly installed sidewalk would connect to the current City and County sidewalks. Last year the County installed a sidewalk to the Delray Beach City line (L-33 canal) from the north (see attach). A number of years ago the City connected to their sidewalk and extended down to Palm Ridge Road. There is currently less than 300 feet of sidewalk needed to connect these 2 sidewalks in making a safe route to Banyan Creek Elementary (Design only from L-33 south to Lake Ida Road on the west side of the roadway).

### Return on Investment (ROI) Considerations

### ROI:

The sidewalk (west side) shall provide a safe route for our children with the same intensity as the City did with the guardrail project located on the east side of Barwick Road.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund					\$ 550,000	
Totals	\$ -	\$ -			\$ 550,000	

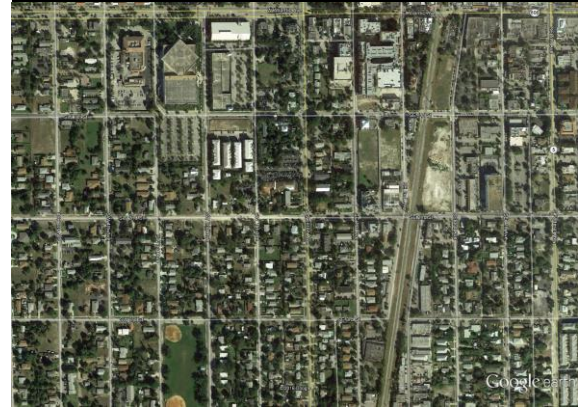
Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund	\$ -	\$ -			\$ 550,000	
	-					
Totals	\$ -	\$ -	\$ -	\$ -	\$ 550,000	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number: 15-001

Project Title: Block 63 Alley

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

Repaving and improvements to the alley between SW 2nd and SW 3rd Street and Swinton and SW 1st. Ave. Design for this project is currently underway with FPL.

## Return on Investment (ROI) Considerations

### ROI:

This alley once improved will have an OCI rating of 100 which will have a life expectancy of 20-25 years. Funding for Construction of this project will be included with the FY 17/18 Budget.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

### Funding Sources

Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ -	\$ -		\$ 110,000		
448 Stormwater		-		33,000		
Totals	\$ -	\$ -		\$ 143,000	\$ -	

### Capital Project Expenditures/Expenses

Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ -	\$ 110,000				
448 Stormwater	-	33,000				
Totals	\$ -	\$ 143,000		\$ -	\$ -	

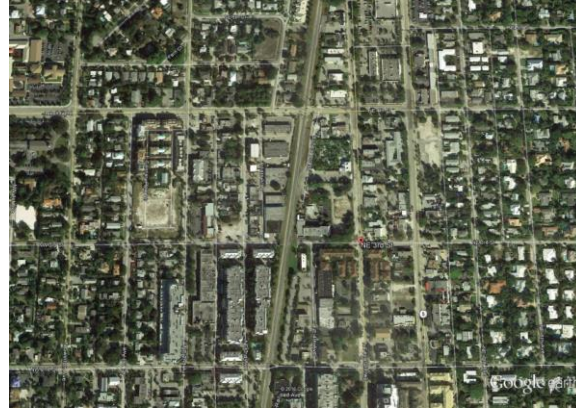
### Impact on Operational Expenditures/Expenses

Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number: 11-024

Project Title: NE 3rd Street St/Alley Improvements

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

Provide street enhancements and install sidewalks on NE 3rd Street between NE 2nd Ave. and NE 3rd Ave. between NE 3rd Street and NE 4th Street (Construction Phase)

## Return on Investment (ROI) Considerations

### ROI:

This alley and roadway once improved will have an OCI rating of 100 which will have a life expectancy of 20-25 years. Funding for Construction of this project is anticipated to begin in FY 16/17.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

### Funding Sources

Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ -	\$ -	\$ 2,057,000			
442 W/S R&R Fund-CRA	-	-	137,500			
448 Storm Water Fund-CRA	-	-	137,500			
<b>Totals</b>	\$ -	\$ -	\$ 2,332,000		\$ -	

### Capital Project Expenditures/Expenses

Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ -	\$ -	\$ 2,332,000			
	-		-			
	-					
<b>Totals</b>	\$ -	\$ -	\$ 2,332,000	\$ -	\$ -	

### Impact on Operational Expenditures/Expenses

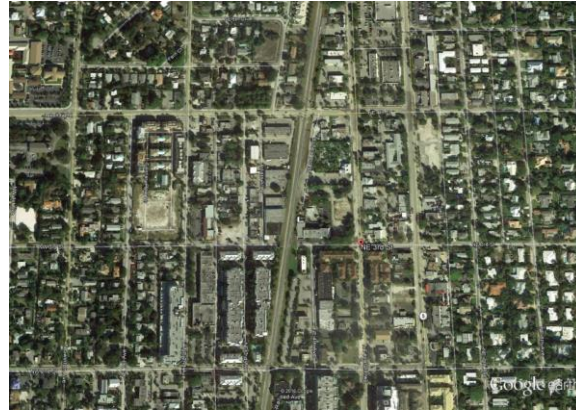
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
<b>Totals</b>			\$ -	\$ -	\$ -	





# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number:

Project Title: NW 5th Ave

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

## Relationship to Community Vision and City Commission Goals

Justification: NW 5th Ave includes sidewalks, landscaping and beautification measures.

## Return on Investment (ROI) Considerations

ROI:

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund CRA	\$ 400,000	\$ -	\$ -			
	-		-			
	-					
Totals	\$ 400,000	\$ -	\$ -		\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 400,000	\$ -	\$ -			
	-		-			
	-					
Totals	\$ 400,000	\$ -	\$ -	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	

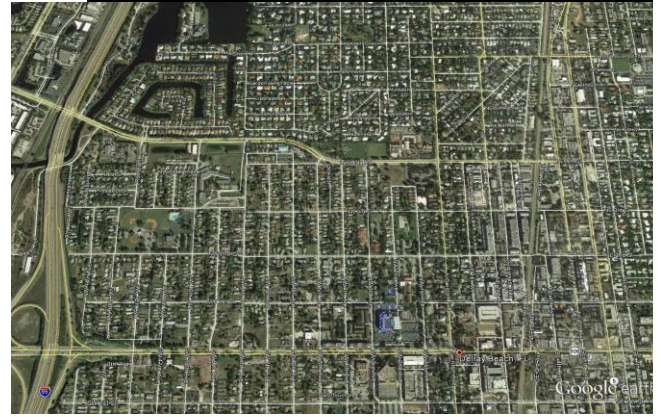




# City of Delray Beach, Florida

## Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-530

Project Title: NW/SW Neighborhood Alleys FY 17/18

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

Design of nine unimproved alleys to be determined within the Northwest/Southwest Neighborhoods which will be constructed in FY 18/19. The design of the alleys is planned for FY 17/18.

### Return on Investment (ROI) Considerations

#### ROI:

These alleys once improved will have an OCI rating of 100 which will have a life expectancy of 20-25 years. Construction of this project will be included with the FY 18/19 Project.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

#### Funding Sources

Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ -	\$ 700,000	\$ 3,375,987	\$ 5,300,120	\$ 2,600,060	
		-	-			
Totals	\$ -	\$ 700,000	\$ 3,375,987	\$ 5,300,120	\$ 2,600,060	

#### Capital Project Expenditures/Expenses

Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ -	\$ 700,000	\$ 3,375,987	\$ 5,300,120	\$ 2,600,060	
	-	-	-	-	-	
Totals	\$ -	\$ 700,000	\$ 3,375,987	\$ 5,300,120	\$ 2,600,060	

#### Impact on Operational Expenditures/Expenses

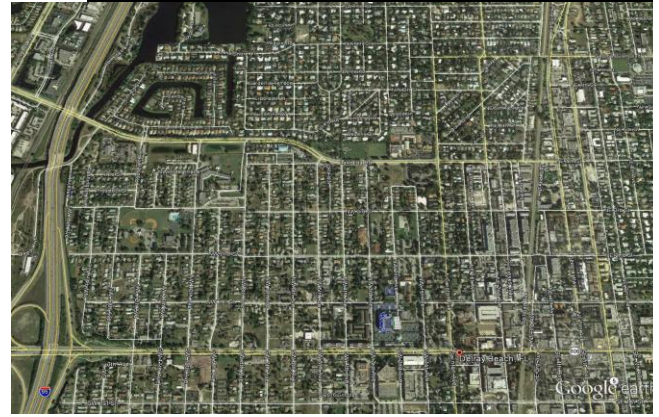
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	



# City of Delray Beach, Florida

## Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-530

Project Title: NW/SW Neighborhood Alleys (NWAley 2015)

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

Design of nine unimproved alleys to be determined within the Northwest/Southwest Neighborhoods which will be constructed in FY 18/19. The design of the alleys is planned for FY 16/17.

### Return on Investment (ROI) Considerations

#### ROI:

These alleys once improved will have an OCI rating of 100 which will have a life expectancy of 20-25 years. Construction of this project will be included with the FY 18/19 Project.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ 500,000		\$ 385,000			
		-	-			
Totals	\$ 500,000	\$ -	\$ 385,000	\$ -	\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ 500,000	\$ -	\$ -	\$ -	\$ -	
334 City	-	-	385,000	-	-	
Totals	\$ 500,000	\$ -	\$ 385,000	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number: 16-536

Project Title: Old School Square Site Renovations & Maint. DBCA

Level of Service (LOS): Best Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

Miscellaneous construction repairs, Drainage, concrete maintenance, sod, CPTED, HVAC, Electrical, outdoor security lighting, etc. improvements are proposed for Old School Square Building Area. (Project will be designed in FY 16/17).

## Return on Investment (ROI) Considerations

### ROI:

These renovations once completed will bring the building up to an established level of service for FY 17/18.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund CRA	\$ 500,000	\$ 200,000	\$ 800,000			
<b>Totals</b>	\$ 500,000	\$ 200,000	\$ 800,000		\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund CRA	\$ 500,000	\$ 200,000	\$ 800,000			
	-					
<b>Totals</b>	\$ 500,000	\$ 200,000	\$ 800,000	\$ -	\$ -	

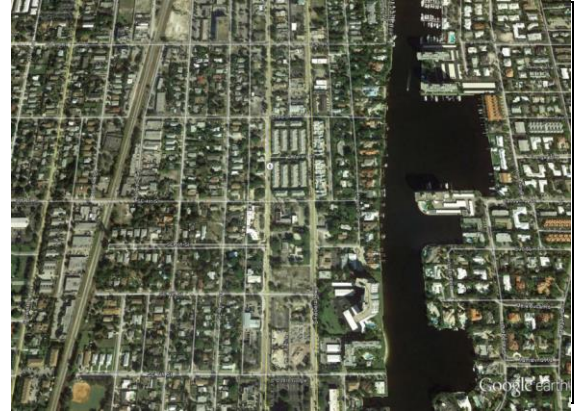
  

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
<b>Totals</b>			\$ -	\$ -	\$ -	



## City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



### Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number: 16-003

Project Title: Osceola Neighborhood Improvements

Level of Service (LOS): Policy Directives ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

The City completed the design/engineering phase for the Osceola Park Neighborhood last year which included:

- (1) Pave unimproved and poorly maintained alleyways to provide better access
- (2) Install sidewalks near schools and churches
- (3) Install sidewalks near parks to accommodate safe pedestrian travel
- (4) Install swales to improve stormwater conveyance and quality in compliance with the NPDES permit
- (5) Provide traffic safety improvements with the installation of a round-a-bout, and three speed humps.

The next phase of the project is to construct the proposed design elements in the Osceola Neighborhood to complete the Master Plan. Design completed FY 16/17 with an amendment to SA for \$150,000 (RFQ maybe required) and Construction for FY 17/18 and 18/19.

### Return on Investment (ROI) Considerations

#### ROI:

Per Commission direction, the objective is to complete improvements to neighborhoods per their Master Plans in a timely manner. The City designed the improvements to the Osceola Neighborhood last year and is requesting funding to complete the construction phase in one year in order to close out the Osceola Neighborhood Master Plan. The construction phase beginning in 2017 will be a 2 year project.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund (CRA)	\$ 837,870	\$ 2,758,395	\$ 2,758,395			
334 General Construction Fund City		2,758,395	2,758,395			
Totals	\$ 837,870	\$ 5,516,790	\$ 5,516,790		\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 837,870	\$ 5,516,790	\$ 5,516,790			
Totals	\$ 837,870	\$ 5,516,790	\$ 5,516,790	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -					
	-					
Totals	\$ -		\$ -	\$ -	\$ -	





# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☐ New Project ☒ Project Update

Project Number: 16-529

Project Title: CRA Parking Management

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

As part of the 2010 Parking Management Plan; to design the projects under consideration with respect to pedestrian connections to parking areas, pedestrian crosswalk upgrades, security cameras for parking garages, revenue collection systems, and updated wayfinder signage throughout the district.

## Return on Investment (ROI) Considerations

### ROI:

With the implementation of these project the City will provide a safer and pedestrian friendly neighborhood for residents of the City.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ 350,000	\$ 200,000				
Totals	\$ 350,000	\$ 200,000			\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ 350,000	\$ 200,000				
	-					
Totals	\$ 350,000	\$ 200,000	\$ -	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number: 14-008

Project Title: Pedestrian Improvements East Atlantic Avenue

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: LOS Increase ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

Provide ADA compliant cross walks along E Atlantic Ave east of Gleason Street, Venetian Drive and A1A as per 2010 Parking Study. Palm Beach County is requesting we incorporate design considerations for the pedestrian crosswalks. (Construction Phase)

## Return on Investment (ROI) Considerations

### ROI:

These intersections, once improved will have an estimated life expectancy of 20-25 years.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 500,000		\$ -			
			-			
Totals	\$ 500,000		\$ -		\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 500,000		\$ -			
	-		-			
Totals	\$ 500,000		\$ -	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	



# City of Delray Beach, Florida Capital Improvement Project Request

**Division:** ESD/Engineering  
**Contact Person:** Isaac Kovner  
**Phone #/Extension:** 243-7341  
**Fund Number:** 334/General Fund



## Amount Spent-to-date

☒ New Project

☐ Project Update

**Project Number:** 16-500

**Project Title:** Roadway Reconstruction (OCI Rating 0-39)

**Level of Service (LOS):** Policy Directives ▼

**FY 2016-2018 Goal:** Repair & Replacement (R & R) Program ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

Reconstruction of roadways is required for roads with an overall condition index (OCI) of 0-39. In addition improvements to the sanitary, stormwater, and street lighting are recommended for cost effectiveness and an economy of scale. This project includes design and engineering in year one and construction in year two. This project exceeds the CCNA limits therefore engineering services will be procured through a RFQ process.

## Return on Investment (ROI) Considerations

### ROI:

These roadways/sewer/stormwater/lighting once improved, will have an OCI Rating of 100 (roadways), which will have an estimated life expectancy of 20-25 years. Further deterioration of the roadways will occur if this roadway resurfacing management plan is not implemented.

**Payback Period (ROI):** Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund (CRA)	\$ 580,703	\$ 2,026,212	\$ 2,026,212			
334 General Construction Fund City	132,595	\$ 2,026,211	\$ 2,026,211			
442- Water & Sewer Fund	144,348	\$ 347,350	\$ 347,350			
448 - Stormwater Fund	66,240	231,565	231,565			
<b>Totals</b>	\$ 923,886	\$ 4,631,338	\$ 4,631,338	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 713,298	\$ 4,052,423	\$ 4,052,423			
442- Water & Sewer Fund	\$ 144,348	\$ 347,350	\$ 347,350			
448 - Stormwater Fund	66,240	231,565	231,565			
<b>Totals</b>	\$ 923,886	\$ 4,631,338	\$ 4,631,338	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



## City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund

### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-535

Project Title: Roadway Reconstruction (OCI Rating 40-50)



Level of Service (LOS): Policy Directives ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

Reconstruction of roadways is required for roads with an overall condition index (OCI) of 40-50. In addition improvements to the sanitary, stormwater, and street lighting are recommended for cost effectiveness and an economy of scale. This project includes design and engineering in year one and construction in year two. This project exceeds the CCNA limits therefore engineering services will be procured through a RFQ process.

### Return on Investment (ROI) Considerations

#### ROI:

These roadways/sewer/stormwater/lighting once improved, will have an OCI Rating of 100 (roadways), which will have an estimated life expectancy of 20-25 years. Further deterioration of the roadways will occur if this roadway resurfacing management plan is not implemented.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund (CRA)		\$ 253,097	1,392,035	\$ 1,392,035		
334 General Construction Fund (City)		\$ 1,424,410	4,398,053	4,398,053		
442- Water & Sewer Fund		-	1,156,268	1,156,268		
448 - Stormwater Fund			2,279,933	2,279,933		
<b>Totals</b>	\$ -	\$ 1,677,507	\$ 9,226,289	\$ 9,226,289	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ -	1,677,507	5,790,088	\$ 5,790,088		
442- Water & Sewer Fund	-	-	1,156,268	1,156,268		
448 - Stormwater Fund			2,279,933	2,279,933		
<b>Totals</b>	\$ -	\$ 1,677,507	\$ 9,226,289	\$ 9,226,289	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





## City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund

### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-550

Project Title: Roadway Reconstruction (OCI Rating 50-70)



Level of Service (LOS): Best Practices ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

Reconstruction of roadways is required for roads with an overall condition index (OCI) of 50-70. In addition improvements to the sanitary, stormwater, and street lighting are recommended for cost effectiveness and an economy of scale. This project includes design and engineering in year one and construction in year two. This project exceeds the CCNA limits therefore engineering services will be procured through a RFQ process and is a stand alone 5 year project.

### Return on Investment (ROI) Considerations

#### ROI:

These roadways/sewer/stormwater/lighting once improved, will have an OCI Rating of 100 (roadways), which will have an estimated life expectancy of 20-25 years. Further deterioration of the roadways will occur if this roadway resurfacing management plan is not implemented.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

#### Funding Sources

Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund (CRA)		-			1,702,499	
		-				
Totals	\$ -	\$ -	\$ -	\$ -	\$ 1,702,499	\$ -

#### Capital Project Expenditures/Expenses

Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund	\$ -	-	\$ -		1,702,499	
		-				
Totals	\$ -	\$ -	\$ -	\$ -	\$ 1,702,499	\$ -

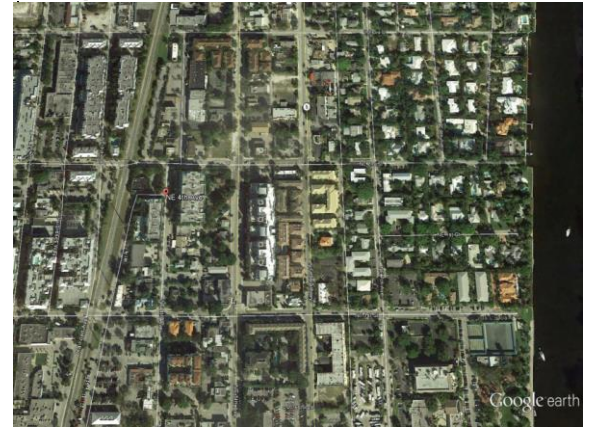
#### Impact on Operational Expenditures/Expenses

Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☐ New Project ☒ Project Update

Project Number: 16-008

Project Title: SE 4th Ave. Beautification - Atlantic- to SE 2nd Street

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

## Relationship to Community Vision and City Commission Goals

**Justification:** The Downtown Master Plan calls for the creation of a pedestrian-friendly network of streets with adequate sidewalks and lighting, and encourages improvements to the side streets to encourage businesses and pedestrian activity along these streets. Improvements have been made along NW/SW 5th Avenues, Pineapple Grove Way, NE 4th Avenue, and the Federal Highway pairs. Improvements to other side streets have occurred in conjunction with redevelopment projects (i.e. Atlantic Grove, Worthing Place). Contractor should contribute funding for milling and resurfacing portions of SE 4th Ave. adjacent to the iPic (Construction).

## Return on Investment (ROI) Considerations

**ROI:** The proposed improvements to SE 4th Avenue will complement the streetscape improvements proposed with the proposed iPic theater and Uptown Delray projects.

**Payback Period (ROI):** Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund City	\$ -	\$ -	\$ 800,000			
448 Stormwater	-		200,000			
<b>Totals</b>	\$ -		\$ 1,000,000		\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ -		\$ 800,000			
448 Stormwater	-		200,000			
<b>Totals</b>	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
<b>Totals</b>			\$ -	\$ -	\$ -	



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number: 16-002

Project Title: CRA City Sidewalks (City Limits)

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

To meet the new Level of Service established to construct sidewalks in the CRA/City limits sidewalks will be installed by Schools, Parks, Neighborhoods, and fill in the missing links.

## Return on Investment (ROI) Considerations

### ROI:

These sidewalks, once constructed, will provide safe travel to schools, churches, parks, and within neighborhoods. New sidewalks will have an estimated life expectancy of 20-25 years. Additionally, construction of sidewalks will provide ADA accessibility within the City neighborhoods. The sidewalk improvements for FY 2015/2016 are currently under design. Construction of this project will be included with the FY 18/19 Resurfacing, Restoration, and Rehabilitation (RRR) Project.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund (CRA)	\$ 300,000	\$ 50,000	\$ 495,000			
Totals	\$ 300,000	\$ 50,000	\$ 495,000	\$ -	\$ -	\$ -

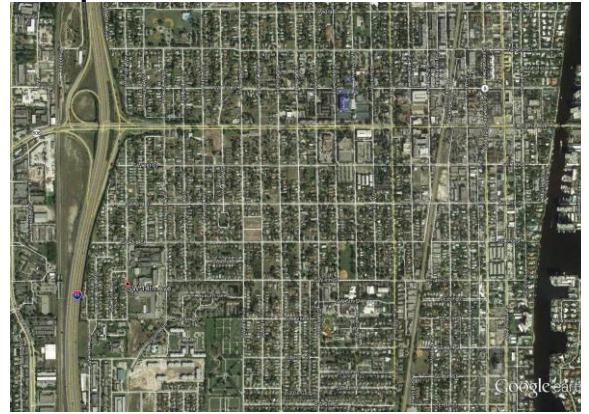
Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 300,000	\$ 50,000	\$ 495,000	\$ -	\$ -	\$ -
Totals	\$ 300,000	\$ 50,000	\$ 495,000	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☐ New Project ☒ Project Update

Project Number: 16-010

Project Title: SW 14th Ave. SW 2nd St. 3rd St. (SW Alley)

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

## Relationship to Community Vision and City Commission Goals

Justification: Improvements to five alleys in the NW/SW Area Neighborhoods (Construction Phase)

## Return on Investment (ROI) Considerations

ROI:

These alleys, once improved, will have an OCI rating of 100 which will have an estimated life expectancy of 20-25 years. This project will be funded by the CRA. Construction of this project will be included with the FY 18/19 Resurfacing, Restoration, and Rehabilitation (RRR) Project.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

### Funding Sources

Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund CRA		\$ -	\$ 550,000			
448 Stormwater			137,500			
Totals			\$ 687,500		\$ -	

### Capital Project Expenditures/Expenses

Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund			\$ 550,000			
448 Stormwater	-		137,500			
Totals		\$ -	\$ 687,500	\$ -	\$ -	

### Impact on Operational Expenditures/Expenses

Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	





# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number:



## Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-521

Project Title: SW 4th Av Beautification -Atlantic Ave. and 2nd Ave. Improvements

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

The City has received numerous complaints concerning the drainage on Atlantic Ave. and 2nd Ave. near Fat Rooster. The existing stormwater infrastructure does not properly convey the rainwater to the existing storm inlets and additional infrastructure is required. It is anticipated that the design will begin in FY 17 and construction begin in FY 19.

## Return on Investment (ROI) Considerations

### ROI:

The City is responsible to keep in compliance with its NPDES Permit. By installing additional stormwater infrastructure on 2nd Ave. the City will alleviate any infractions with respect to illicit stormwater discharge.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction - CRA			\$ 800,000			
448 Stormwater			200,000			
<b>Totals</b>	\$ -	\$ -	\$ 1,000,000		\$ -	

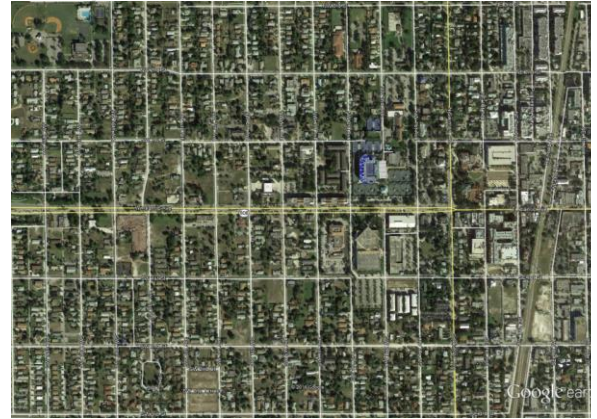
Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction			\$ 800,000			
448 Stormwater			200,000			
<b>Totals</b>	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
<b>Totals</b>			\$ -	\$ -	\$ -	



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☐ New Project ☒ Project Update

Project Number: 16-009

Project Title: SW 6th, 7th, 8th, and 9th Ave. Improvements  
(Atl.-SW 1st St.)

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

As part of the redevelopment of this block with the proposed mixed-use development (Uptown Atlantic) at the north end, pedestrian linkages and on-street parking will be installed, where possible. (Design Only). The portions of the improvements adjacent to the mixed use development hotel will be funded by the developer and the remaining sections for the design will be funded by the CRA.

## Return on Investment (ROI) Considerations

### ROI:

The portions of the improvements adjacent to the mixed-use development hotel will be funded by the developer -- the remaining sections will be funded by the CRA . Funding in FY 16/17 will cover design costs. Construction of this project will be proposed in the FY 17/18 Budget.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

### Funding Sources

Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ -	\$ 100,000				
448 Stormwater	-	16,500				
Totals	\$ -	\$ 116,500			\$ -	

### Capital Project Expenditures/Expenses

Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund CRA	\$ -	\$ 100,000				
448 Stormwater	-	16,500				
Totals	\$ -	\$ 116,500	\$ -	\$ -	\$ -	

### Impact on Operational Expenditures/Expenses

Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-553

Project Title: SW Neighborhood Improvements

Level of Service (LOS): Policy Directives ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

The City proposed the design/engineering phase for the SW Neighborhood Improvement Project which includes:

- (1) Pave unimproved and poorly maintained roadways and alleyways to provide better access
- (2) Install sidewalks near schools and churches
- (3) Install sidewalks near parks to accommodate safe pedestrian travel
- (4) Install swales to improve stormwater conveyance and quality in compliance with the NPDES permit
- (5) Provide traffic safety improvements
- (6) Lining of the sanitary system
- (7) Lining of the stormwater system
- (8) Installation of street lighting

The first phase of the project is to design the SW Neighborhood Improvements scheduled for FY 2019-2020. Construction is scheduled to begin in FY 2020-2021 and be completed in 2022.

## Return on Investment (ROI) Considerations

### ROI:

Per Commission direction, the objective is to complete improvements to neighborhoods per their Master Plans in a timely manner. The City will design the improvements to the SW Neighborhood in FY 2020 and is requesting funding to begin the construction phase in FY 2021 and completed in 2022.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund (CRA)				\$ 700,000	\$ 3,375,986	
Totals			\$ -	\$ 700,000	\$ 3,375,986	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund				\$ 700,000	\$ 3,375,986	
Totals		\$ -	\$ -	\$ 700,000	\$ 3,375,986	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -					
	-					
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	



# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD/PW : Build. Maint.  
Contact Person: Clayton A. Gilbert  
Phone #/Extension: 561-243-7339  
Fund Number: 334-6112-519.46-10

### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-908

Project Title: City Garage Roll Up Gate



Level of Service (LOS): Best Practices ▼ FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

Justification: Install roll up gates and close the entrance.

### Return on Investment (ROI) Considerations

ROI: Provide additional protection to the building.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
General Construction Fund 334	\$ -	\$ 50,000				
Totals	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
General Construction Fund 334	\$ -	\$ 50,000				
Totals	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 32	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD/PW : Build. Maint.  
Contact Person: Clayton A. Gilbert  
Phone #/Extension: 561-243-7339  
Fund Number: 334-6112-519.46-10

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-912

Project Title: Parking Meters

Picture

Level of Service (LOS): Best Practices ▼ FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

Justification: Replace existing multispace meters and add additional units along the beach.

### Return on Investment (ROI) Considerations

ROI: Increased revenue.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 Finance	\$ 500,000					
Totals	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 Finance	\$ 500,000					
Totals	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 33	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD/PW : Build. Maint.  
Contact Person: Clayton A. Gilbert  
Phone #/Extension: 561-243-7339  
Fund Number: 334-6112-519.46-10

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-903

Project Title: City Buildings - Air conditioners

Picture

Level of Service (LOS): Best Practices ▼ FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

Justification: Replace all the air conditioners in the City on a 10 year rotating cycle.

### Return on Investment (ROI) Considerations

ROI: Eliminate failures as equipment ages past its scheduled life.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
General Construction Fund 334		\$ 75,000	\$ 250,000	\$ 250,000	\$ 250,000	
Totals	\$ -	\$ 75,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ 75,000	\$ 250,000	\$ 250,000	\$ 250,000	
Totals	\$ -	\$ 75,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 34	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD/PW : Build. Maint.  
Contact Person: Clayton A. Gilbert  
Phone #/Extension: 561-243-7339  
Fund Number: 334-6112-519.46-10

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-907

Project Title: City Library Roll Up Gates

Picture

Level of Service (LOS): Best Practices ▼ FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

Justification: Install roll up gates at the front entrances to the Library.

### Return on Investment (ROI) Considerations

ROI: Provide additional protection to the building.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ 50,000				
Totals	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ 50,000				
Totals	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 35	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD/PW : Build. Maint.  
Contact Person: Clayton A. Gilbert  
Phone #/Extension: 561-243-7339  
Fund Number: 334-6112-519.46-10

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-904

Picture

Project Title: City Buildings - Roofs

Level of Service (LOS): Best Practices ▼ FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

Justification: Replace roofs on City Buildings that have reached their end of life expectancy.

### Return on Investment (ROI) Considerations

ROI: Eliminate water intrusion into the buildings causing additional expenses.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund		\$ 100,000	\$ 500,000	\$ 500,000	\$ 500,000	
Totals	\$ -	\$ 100,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund		\$ 100,000	\$ 500,000	\$ 500,000	\$ 500,000	
Totals	\$ -	\$ 100,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 36	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD/PW : Build. Maint.  
Contact Person: Clayton A. Gilbert  
Phone #/Extension: 561-243-7339  
Fund Number: 334-6112-519.46-10

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-905

Project Title: City Buildings - Evaluation of Other Building  
Components Citywide

Picture

Level of Service (LOS): Best Practices ▼ FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

Justification:

Perform complete analysis (including asset management) and scheduled replacement for all other components within the City limits on a 20 year rotating cycle.

### Return on Investment (ROI) Considerations

ROI:

Eliminate failures as equipment ages past its scheduled life.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ -	\$ 100,000	\$ 500,000	\$ 500,000	\$ 500,000	
Totals	\$ -	\$ 100,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ -	\$ 100,000	\$ 500,000	\$ 500,000	\$ 500,000	
Totals	\$ -	\$ 100,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 37	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD/PW : Build. Maint.  
Contact Person: Clayton A. Gilbert  
Phone #/Extension: 561-243-7339  
Fund Number: 334-6112-519.46-10

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-910

Project Title: OSS Parking Garage - LED Lighting

Picture

Level of Service (LOS): Best Practices ▼ FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

Justification: Upgrade existing garage lighting to LED.

### Return on Investment (ROI) Considerations

ROI: Electrical Savings over 50%, less carbon footprint.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
General Construction fund	\$ -	\$ 125,000				
Totals	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
General Construction fund	\$ -	\$ 125,000				
Totals	\$ -	\$ 125,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 38	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD/PW : Build. Maint.  
Contact Person: Clayton A. Gilbert  
Phone #/Extension: 561-243-7339  
Fund Number: 334-6112-519.46-10

Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number: 16-901

Picture

Project Title: Decorative Street Lights

Level of Service (LOS): Life Safety ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

Justification:

Replace the metal poles on East Atlantic Ave with spun concrete poles and LED fixtures.

### Return on Investment (ROI) Considerations

ROI:

Safety issue as the poles are structurally failing, electrical cost savings by using a more efficient light.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund (CRA)	\$ 200,000	\$ 200,000				
Totals	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -

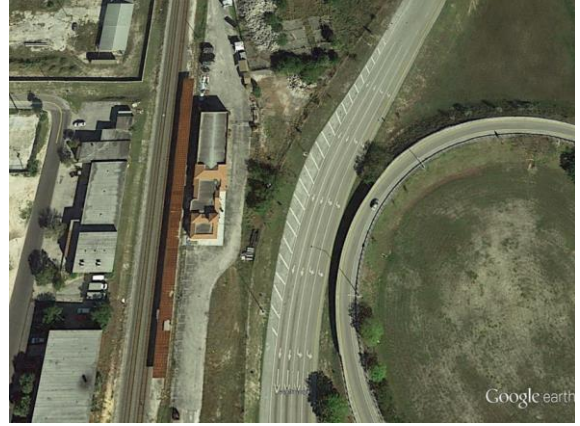
Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund	\$ 200,000	\$ 200,000				
Totals	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 39	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-509

Project Title: Historic Train Depot Station Renovations (On/Off Site)

Level of Service (LOS): Best Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

The train station has been deteriorating and is in need of rehabilitation. The facility is currently used for storing the 100' steel Christmas tree along with other City assets. The rehabilitation will include complete interior and exterior renovations along with site security upgrades to meet today's building codes. Portions of the interior will be prepared for future planned usage i.e. Caring Kitchen. The procurement of engineering services will be through an FREQ. process. The immediate structural repairs will be completed in FY 15/16.

## Return on Investment (ROI) Considerations

### ROI:

The renovation of the Historic Train Depot Station will preserve an important City asset for future generations.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund - Financing	\$ 250,000					
Totals	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 250,000	\$ -				
Totals	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

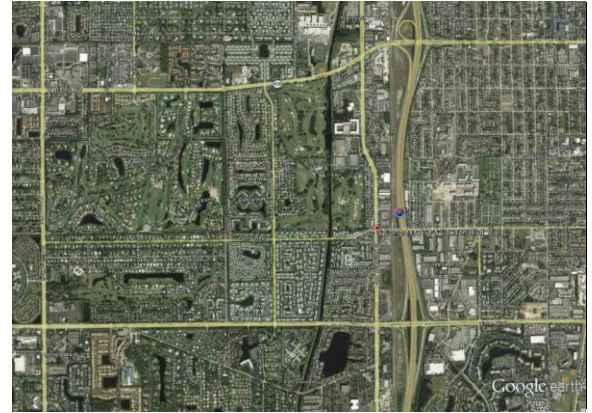




# City of Delray Beach, Florida

## Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-531

Project Title: FDEP Lake Ida Project Grant

Level of Service (LOS):

FY 2016-2018 Goal:

### Relationship to Community Vision and City Commission Goals

#### Justification:

The City is participating in the 2016 Florida Department of Environmental Protection Grant Application Process. The City intends to preserve the Lake Ida parcel as a nature preserve in perpetuity. The site has significant native biodiversity, albeit intermingled with exotic species. It is being utilized by native wildlife, both along the interface with Lake Ida and in the upland portions of the site. The site comprises both uplands and freshwater wetlands, which will be restored to a mosaic of ecosystems that would maximize biological values. The City is seizing this opportunity to restore native habitat and provide for resource-based outdoor recreation and education opportunities. The plan calls for a mix of wetland restoration along the eastern boundary, scrubby flatwoods restoration along the southern boundary, and mesic hardwood forest restoration in the west and north, which together will maximize benefits to native plants and wildlife while creating a pleasant and fascinating environment for City residents and visitors to enjoy.

### Return on Investment (ROI) Considerations

#### ROI:

Various groups in the local community will be engaged with the City in the improvement activities, creating a sense of pride and ownership. The groups include volunteers from local high schools, which will help remove the exotics, two bicycle-oriented organizations which will help with the paths, and local environmental organizations that will be asked to work on the educational signage. The City of Delray Beach will coordinate and support these efforts through a myriad of in-kind resources including, vehicles, supplies, materials tools and staff resources including landscaping crews, and technical advisors. This grant application will enable the City to fulfill the City's goals for protecting this property, in support of the citizens' request by providing access to the land-locked parcel.

Payback Period (ROI):

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund	\$ -	\$ 132,300	\$ -	\$ -	\$ -	\$ -
FDEP Funding		200,000				
Totals	\$ -	\$ 332,300	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund		\$ 332,300	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ 332,300	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

/Division: ESD/Engineering

Contact Person: Isaac Kovner

Phone #/Extension: 243-7341

Fund Number: 334 & 442 / General

### Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number: 16-511

Project Title: Marine Way Roadway and Seawall Construction



Level of Service (LOS): Life Safety ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

Marine Way between Atlantic Avenue and SE 1st Street has structurally failed. In this reach of the Intracoastal Waterway there is no seawall and high tides flood the area frequently. Mitigation to date has included relocation of the existing water main to the west side of the right-of-way. The area needs a seawall as well as total roadway and sanitary re-construction. The design phase in FY 16/17 shall update the existing conceptual plans and engineer the selected plan.

### Return on Investment (ROI) Considerations

#### ROI:

The City has a conceptual plan which was developed in 2008 and will be updated to select the most cost effective alternative that meets the established level of service. Seawall design will consider projections for sea level rise for the next 50 years.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund		\$ 100,000	\$ 5,610,000			
442 Water & Sewer R&R Fund	\$ 45,000					
448 Storm Water fund	250,000					
<b>Totals</b>	\$ 295,000	\$ 100,000	\$ 5,610,000	\$ -	\$ -	\$ -

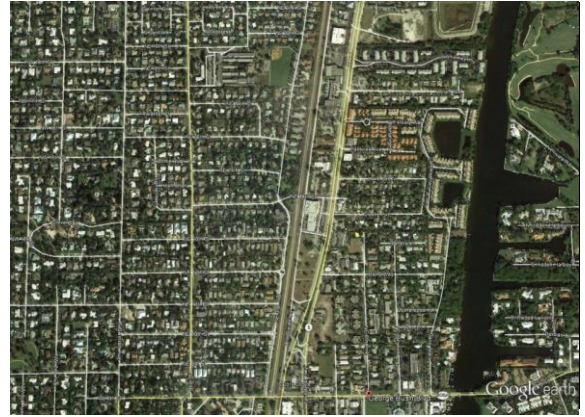
Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ -	\$ -	\$ 5,610,000			
442 Water & Sewer R&R Fund	\$ 45,000					
448 Storm Water fund	250,000					
<b>Totals</b>	\$ 295,000	\$ -	\$ 5,610,000	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ -				
	-					
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



## City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



### Amount Spent-to-date

☐ New Project ☒ Project Update

Project Number: 14-071

Project Title: MPO Local Agency Project - NE 2nd Avenue / Seacrest Phase I

Level of Service (LOS):

FY 2016-2018 Goal:

### Relationship to Community Vision and City Commission Goals

#### Justification:

NE 2nd Ave. / Seacrest Beautification Phase I: starting at George Bush Blvd. north to NE 13th Street will be ready for bidding at the end of this year. This is a Local Agency Project (LAP) with FDOT providing funding in the amount of \$223,650 for Phase I (additional funding in the amount of \$450,000 from FDOT has been requested). Stormwater as well as water mains will be upgraded (where required) as part of this project. Moreover, in efforts to accommodate the FDOT's timing and appropriated grant funding, construction of Phase II (FDOT funding \$692,000) is now being considered to be combined with the Phase I construction (Starting at NE 13th Street to NE 22nd Street). By combining Phase I and II the FDOT and the City will hopefully receive a better value in the construction cost also the construction time will be shortened. Finally, the City will be required to provide the services of a CEI during the construction phases of this project.

### Return on Investment (ROI) Considerations

#### ROI:

This project is the construction portion of Phase I of a 4-Phase Master Plan for the NE 2nd Ave. Seacrest Beautification Project with FDOT providing grant funding.

Payback Period (ROI):

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 627,700					
Totals	\$ 627,700	\$ -	\$ -	\$ -	\$ -	\$ -

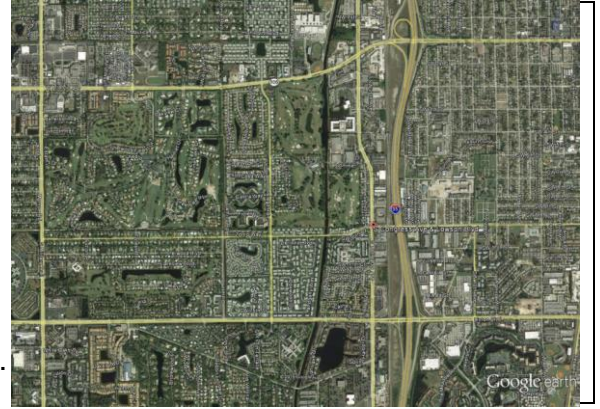
Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 627,700					
	\$ -	\$ -				
Totals	\$ 627,700	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
		\$ -				
	-					
Totals		\$ -	\$ -	\$ -	\$ -	\$ -



## City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-516

Project Title: MPO Local Initiative - Lawson Blvd. Military Trail to Congress Ave.  
to SE 6th Ave.

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Statutorily/Contractually Required ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

The City is participating in the 2014 Palm Beach County Metropolitan Planning Organization Grant Application Process (MPO). Lawson Blvd. has been approved through the MPO for improvements to the roadway right of way to include sidewalks, bike paths, landscaping, and irrigation. As part of the grant analysis the City is responsible to perform the design of the proposed roadway. Utilizing one of the City's consultants to perform the design/engineering requirements will afford the City grant funds from the MPO for the construction costs of the project.

### Return on Investment (ROI) Considerations

#### ROI:

The City is required to provide funding for the design/engineering portion of the MPO local initiative. Additionally, when the project is ready for construction the City will be responsible for funding the CEI services for the project (2019). The MPO will pay for the construction portion of this project.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 195,000	\$ -	\$ -	\$ 82,500	\$ -	\$ -
334 General Construction Fund (MPO)				\$ 1,000,000		
Totals	\$ 195,000	\$ -	\$ -	\$ 1,082,500	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 195,000	\$ -	\$ -	\$ 1,082,500	\$ -	\$ -
	-					
Totals	\$ 195,000	\$ -	\$ -	\$ 1,082,500	\$ -	\$ -

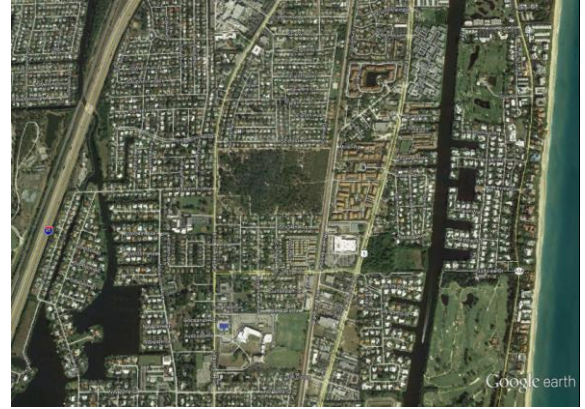
Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	-					
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



## Amount Spent-to-date

☐ New Project ☒ Project Update

Project Number: 16-519

Project Title: MPO Local Agency Project - NE 2nd Avenue / Seacrest Phase 3 (Design)

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Statutorily/Contractually Required ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

NE 2nd Ave. / Seacrest Beautification Phase 3 (Design Only) beginning at NE 22nd Street north to Gulfstream is the last phase of the NE 2nd Ave. Seacrest Beautification Project. This is a Local Agency Project (LAP) with FDOT providing grant funding for the construction phase of this project. Stormwater as well as water mains will be upgraded as part of this project. Construction of this last portion of the project is estimated to begin in FY 18/2019. This project can be completed utilizing in-house staff.

## Return on Investment (ROI) Considerations

### ROI:

This project is Phase 3 of for the NE 2nd Ave. Seacrest Beautification Project (last phase) with FDOT providing grant funding for construction. Professional design services are required prior to the FDOT bidding this project for construction in FY 18/2019.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 203,500		\$ 350,000			
FDOT Grant	-		750,000			
448 Storm Water	11,000					
Totals	\$ 214,500	\$ -	\$ 1,100,000	\$ -	\$ -	\$ -

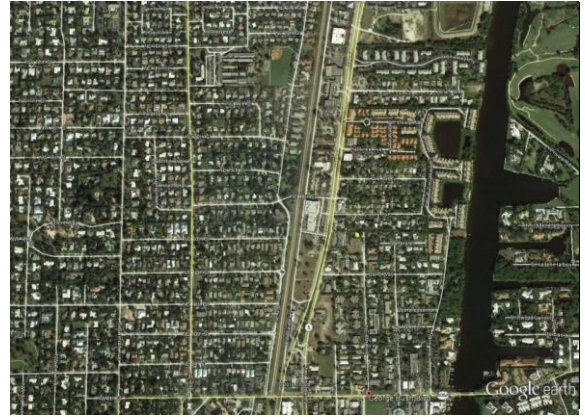
Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction Fund	\$ 203,500	\$ -	\$ 1,100,000			
448 Storm Water	11,000					
Totals	\$ 214,500	\$ -	\$ 1,100,000	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ -				
	-					
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



## City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



### Amount Spent-to-date

☐ New Project ☒ Project Update

Project Number: 14-071

Project Title: MPO Local Agency Project - NE 2nd Avenue / Seacrest Phase II

Level of Service (LOS):

FY 2016-2018 Goal:

### Relationship to Community Vision and City Commission Goals

#### Justification:

NE 2nd Ave. / Seacrest Beautification Phase I: starting at George Bush Blvd. north to NE 13th Street will be ready for bidding at the end of this year. This is a Local Agency Project (LAP) with FDOT providing funding in the amount of \$223,650 for Phase I (additional funding in the amount of \$450,000 from FDOT has been requested). Stormwater as well as water mains will be upgraded (where required) as part of this project. Moreover, in efforts to accommodate the FDOT's timing and appropriated grant funding, construction of Phase II (FDOT funding \$692,000) is now being considered to be combined with the Phase I construction (Starting at NE 13th Street to NE 22nd Street). By combining Phase I and II the FDOT and the City will hopefully receive a better value in the construction cost also the construction time will be shortened. Finally, the City will be required to provide the services of a CEI during the construction phases of this project.

### Return on Investment (ROI) Considerations

#### ROI:

This project is the construction portion of Phase II of a 4-Phase Master Plan for the NE 2nd Ave. Seacrest Beautification Project with FDOT providing grant funding.

Payback Period (ROI):

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction I Fund	\$ -	\$ 635,377				
MPO Grant - Fund 334	\$ -	\$ 942,656				
Totals	\$ -	\$ 1,578,033	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Construction I Fund	\$ -	\$ 1,578,033				
Totals	\$ -	\$ 1,578,033	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
		\$ -				
	-					
Totals		\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: Fire-Rescue  
 Contact Person: Asst. Chief Michael Rodriguez  
 Phone #/Extension: 243-7487  
 Fund Number: 334/General Fund



Amount Spent-to-date \$ \_\_\_\_\_  
☒ New Project ☒ Project Update

Project Number:

Project Title: Fire-Ocean Rescue Lifeguard Towers

Level of Service (LOS): Life Safety  FY 2016-2018 Goal: Repair & Replacement (R & R) Program

### Relationship to Community Vision and City Commission Goals

Justification:

The City of Delray Beach municipal beach is a popular destination for vacationers and residence alike. It is important that we maintain every component including the lifeguard towers. Currently, many of the towers are in various stages of disrepair. The towers are crumbling and have become a safety hazard for Ocean Rescue personnel. This project will begin the process of replacing the eight (8) large towers, two (2) per year until all have been replaced. The City has invested funding in recent years for pressure cleaning, painting, and upkeep of the towers. These cost continue to escalate. Currently, the windows and doors are non-impact, and have been subjected to recurring vandalism.

### Return on Investment (ROI) Considerations

ROI:

The City of Delray's Municipal Beach had approximately 2 million visitors during 2015 with the lifeguard staff rescuing over 100 bathers. The lifeguard towers are staffed seven days a week, eight hours a day. These towers provide a safe environment for our lifeguards from the elements, as well as provide a birds eye view of the terrain that they oversee. In order for Ocean Rescue staff to continue keeping bathers safe it is necessary to invest in the towers. The slow transition of the new towers will provide a replacement schedule over the next four years.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in 7 to 10 Years

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334-General Construction Fund	\$ -	\$ 77,400	\$ 77,400	\$ 77,400	\$ 77,400	
<b>Totals</b>	\$ -	\$ 77,400	\$ 77,400	\$ 77,400	\$ 77,400	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334-General Construction Fund	\$ -	\$ 77,400	\$ 77,400	\$ 77,400	\$ 77,400	
<b>Totals</b>	\$ -	\$ 77,400	\$ 77,400	\$ 77,400	\$ 77,400	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ -	\$ -	\$ -		
<b>Totals</b>	\$ -	\$ - <sup>47</sup>	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: Fire-Rescue  
 Contact Person: Asst. Chief Michael Rodriguez  
 Phone #/Extension: 243-7487  
 Fund Number: 334/General Fund



Amount Spent-to-date \$ \_\_\_\_\_ -  
☒ New Project ☒ Project Update

Project Number: 16-575

Project Title: FS #1 Apparatus Bay Floor

Level of Service (LOS): Life Safety ▼ FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

The apparatus bay floor at station is in need of re-surfacing. The current floor is more than 15 years old and shows a tremendous amount of wear and tear including multiple areas of chipping. Fire station 1 is the flagship of our fire rescue stations and sees the most visitors of any of the stations and hosts multiple city wide events. This station also serves as our EOC. This is our busiest station with over 6,000 unit responses annually.

### Return on Investment (ROI) Considerations

#### ROI:

Less maintenance on the floor; potential for costs associated with injury to employees/visitors from slip and falls in the bay. New floor will ensure a stable environment for the apparatus to park and respond from.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in 7 to 10 Years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334-General Construction Fund	\$ -	\$ 50,000				
<b>Totals</b>	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334-General Construction Fund	\$ -	\$ 50,000				
<b>Totals</b>	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -					
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD/PW : Build. Maint.  
Contact Person: Police Dept  
Phone #/Extension:  
Fund Number 334-2111-521-64.90

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number:

Project Title: PD-Land Acquisition for Future EOC

Picture

Level of Service (LOS): Life Safety ▼ FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

Justification: Installation of new A/C unit at the Police Department

### Return on Investment (ROI) Considerations

ROI: Need to protect the public.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
General Construction Fund	\$ 177,000			\$ -	\$ -	
Totals	\$ 177,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
General Construction Fund	\$ -			\$ -	\$ -	
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 49	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD/PW : Build. Maint.  
Contact Person: Police Dept  
Phone #/Extension:  
Fund Number 334-6111-519-61.10

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number:

Project Title: PD-Land Acquisition for Future EOC

Picture

Level of Service (LOS): Life Safety ▼ FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

Justification: Land purchase for Police Department for future EOC.

### Return on Investment (ROI) Considerations

ROI: Need to protect the public.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
General Construction Fund	\$ -			\$ 3,000,000	\$ 5,000,000	
Totals	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 5,000,000	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
General Construction Fund	\$ -			\$ 3,000,000	\$ 5,000,000	
Totals	\$ -	\$ -	\$ -	\$ 3,000,000	\$ 5,000,000	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 50	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD/PW : Build. Maint.  
Contact Person: Police Dept  
Phone #/Extension:  
Fund Number 334-6111-519-61.10

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number:

Picture

Project Title: PD-Video Control Room Surveillance Cameras

Level of Service (LOS): Life Safety



FY 2016-2018 Goal: Repair & Replacement (R & R) Program



### Relationship to Community Vision and City Commission Goals

Justification:

PD-Video Control Room Surveillance Cameras

### Return on Investment (ROI) Considerations

ROI:

Need to protect the public.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years



### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
General Construction Fund	\$ 150,000	\$ 300,000		\$ -	\$ -	
Totals	\$ 150,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
General Construction Fund	\$ 150,000	\$ 300,000		\$ -	\$ -	
Totals	\$ 150,000	\$ 300,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 51	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: Parks & Recreation  
Contact Person: Suzanne Fisher  
Phone #/Extension: 243-7251  
Fund Number: 334-4127-572-xx.xx

P1 - #4

## Amount Spent-to-date

☒ New Project

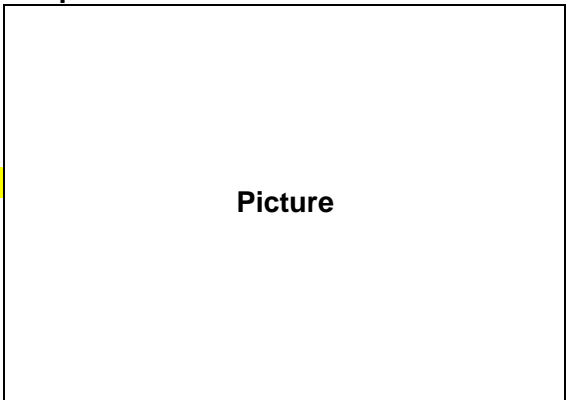
☐ Project Update

## Project Number:

Project Title: PR-Pompey Park Master Plan

Level of Service (LOS): Policy Directives ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼



## Relationship to Community Vision and City Commission Goals

### Justification:

Contract for a community based study of Pompey Park Pool and Community Center to determine current and future needs for anticipated future replacement of Pool and Community Center. The pool has exceeded its useful life (over 25 years) and the programming in Pompey Community Center has out-grown the existing space. A RFQ is required for this project, design is scheduled for FY 2016/17 and construction is anticipated to last 2 years.

## Return on Investment (ROI) Considerations

### ROI:

A study of the facilities and community needs would be the first phase of a Complete Park Renovation (baseball fields previously renovated).

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 - General construction Fund-CRA		\$ 800,000	\$ 4,000,000	\$ 4,800,000	\$ 4,000,000	
Totals	\$ -	\$ 800,000	\$ 4,000,000	\$ 4,800,000	\$ 4,000,000	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 - General Construction Fund	\$ -	\$ 800,000	\$ 4,000,000	\$ 4,800,000	\$ 4,000,000	
Totals	\$ -	\$ 800,000	\$ 4,000,000	\$ 4,800,000	\$ 4,000,000	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: Parks & Recreation  
Contact Person: Suzanne Fisher  
Phone #/Extension: 243-7251  
Fund Number: 334-4131-572-xx.xx

Future

Picture

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number:

Project Title: PR- Atlantic Dunes Nature Trail

Level of Service (LOS): Best Practices

FY 2016-2018 Goal: LOS Increase

## Relationship to Community Vision and City Commission Goals

Justification:

Remove /replace exotic plants with native species \$85,000. Cover nature trail (818' x 6') w/elevate pressure treated boardwalk and one observation platform with educational signage throughout the trail (\$100,000). Create and area at Atlantic Dunes Park for residents and visitors to enjoy the environment. Engineer - Architect - \$30,000; Construction - \$185,000

## Return on Investment (ROI) Considerations

ROI:

Increased park visitation and environmental conservation.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 - Parks and Recreation				\$ 30,000	\$ 203,500	
Totals	\$ -	\$ -	\$ -	\$ 30,000	\$ 203,500	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 - Parks and Recreation				\$ 30,000	\$ 203,500	
Totals	\$ -	\$ -	\$ -	\$ 30,000	\$ 203,500	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: Parks & Recreation  
Contact Person: Suzanne Fisher  
Phone #/Extension: 243-7251  
Fund Number: 334-4121-572-xx.xx

P1 - #6

## Amount Spent-to-date

☒ New Project

☒ Project Update

Project Number:

Project Title: PR- Hilltopper Elevator

Level of Service (LOS): Life Safety

FY 2016-2018 Goal: Statutorily/Contractually Required

Picture

## Relationship to Community Vision and City Commission Goals

Justification:

Currently, the elevator at Hilltopper Stadium pressbox is not operational whereas the City is not ADA compliant. This request is to remove Hilltopper Stadium elevator from the present Mowery agreement and rebid for a separate agreement. \$75,000

## Return on Investment (ROI) Considerations

ROI:

ADA requirement.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 - General Construction Fund - CRA	\$ 115,000					
Totals	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 - General Construction Fund	\$ 115,000					
Totals	\$ 115,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida Capital Improvement Project Request

Division: Parks & Recreation  
Contact Person: Suzanne Fisher  
Phone #/Extension: 243-7251  
Fund Number: 334-4151-572-xx.xx

P1 - #2

## Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number:

Project Title: PR-Merritt Park Lights - R&R

Level of Service (LOS): Life Safety ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

Picture

## Relationship to Community Vision and City Commission Goals

Justification:

Replace Sports Lighting fixtures at Merritt Park. Lighting system is approximately 30 years old. Price Includes: New Musco Fixtures and hardware (\$172,500); New Control Link System (\$9,450); Removal and Installation. This project is the FINAL phase of Merritt Park Improvements. Park physical renovations taking place in FY15/16.

## Return on Investment (ROI) Considerations

ROI:

Replacing the current lighting at Merritt Park would reduce operating cost, increase future efficiency, increase delivered candlepower, increase future life, and meet the environmental lighting requirements. Addition of the Control Link System will reduce energy cost by 50% through controlling the actual hours of lighting as well as track the hours used.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in 7 to 10 Years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 -General Construction Fund Financing	\$ 218,340					
Totals	\$ 218,340	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 -General Construction Fund	\$ 218,340					
Totals	\$ 218,340	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Division: Parks & Recreation  
Contact Person: Suzanne Fisher  
Phone #/Extension: 243-7251  
Fund Number: 334-4173-572-xx.xx

P1- #5

### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number:

Project Title: PR-Miller Park Shade System

Level of Service (LOS): Life Safety

FY 2016-2018 Goal: LOS Increase

### Relationship to Community Vision and City Commission Goals

Justification:

Shade system to cover bleachers at Miller Park to protect spectators from weather and foul balls. Shade system would be installed over (8) 18'x12'x8.5 row bleachers and (2) 30'x22'x12' row bleachers. Estimated cost \$60,000.00. This project has been requested by Little League and is being partially funded by Little League. The current environmental conditions provide for extreme exposure to sun during Little League games.

### Return on Investment (ROI) Considerations

ROI:

The increased participation at baseball tournaments or games by residents and visitors will bring an economic impact to restaurants, hotels, and store fronts. This will reduce the risk of skin damage to spectators.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in 7 to 10 Years

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 -General Construction Fund-Financing	60,000			\$ -		
Go Fund Me Account - Little League				-		
Totals	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 - Parks and Recreation	\$ 60,000			\$ -		
				-		
Totals	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Division: Parks & Recreation  
Contact Person: Suzanne Fisher  
Phone #/Extension: 243-7251  
Fund Number: 334-4122-572-xx.xx

P2 - #1

### Amount Spent-to-date

☒ New Project

☐ Project Update

### Project Number:

Project Title: PR- Special Event Van

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

Purchase a 2016 Express Cargo Van for the purpose of transporting tents, chairs and equipment to Special Events. Currently, personal cars and parks maintenance are being used. Parks maintenance normally have to pick up items the day before and deliver to the special event site that day or hold until the morning. A van could be packed the day before and secured at the City Attorney lot until the Special Event Coordinator picks up.

### Return on Investment (ROI) Considerations

#### ROI:

A savings of staff hours could be realized.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 - Parks and Recreation-Financing	\$ 26,210					
Totals	\$ 26,210	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 - Parks and Recreation	\$ 26,210					
Totals	\$ 26,210	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Division: Parks & Recreation

Contact Person: Suzanne Fisher

Phone #/Extension: 243-7251

Fund Number: 334-4127-572-xx.xx

P1 - #5

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number:

Project Title: PR- Tennis Center Structural Assessment

Picture

Level of Service (LOS): Life Safety ▼

FY 2016-2018 Goal: Invest in High Value Assets/Programs ▼

### Relationship to Community Vision and City Commission Goals

Justification:

The Tennis Center is in need of repair throughout the center including seats, stairs, and most of all the metal structure. An assessment is requested to see what options are available to move forward with creating a safe and revenue based facility. Assessment - \$75,000

### Return on Investment (ROI) Considerations

ROI:

A new tennis facility will realize a return on investment from income received as a consequence of spending by residents and visitors attracted to the community by the special events related to the Tennis Center.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 - General Construction fund-CRA	\$ 75,000					
Totals	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 - General Construction fund	\$ 75,000					
Totals	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Division: Parks & Recreation

Contact Person: Suzanne Fisher

Phone #/Extension: 243-7251

Fund Number: 426-4311-572-xx.xx

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number:

Project Title: PR- Marina Renovation - R&R

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

Picture

### Relationship to Community Vision and City Commission Goals

Justification:

Recently a study was conducted by ESD which included the docks and seawall at the Municipal Marina. However, the study has not been completed at this time. The marina was last renovated in the year 2002, and many of the docks and pilings are in disrepair. For security purpose a white steel powder coated gate at each dock is recommended as well as replace the current white wooden fence surrounding the building. Approximate cost of fencing is \$30,000. The replacement of the docks and pilings will be determined. (Estimated \$900,000)

### Return on Investment (ROI) Considerations

ROI:

Annual increase of per foot rate will generate the return on investment.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
426- City Marina Fund	\$ 100,000	\$ 1,023,000				
Totals	\$ 100,000	\$ 1,023,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
426- City Marina Fund	\$ 100,000	\$ 1,023,000				
Totals	\$ 100,000	\$ 1,023,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

nt/Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 441-5161-536.xx-xx

Amount Spent-to-date

☒ New Project

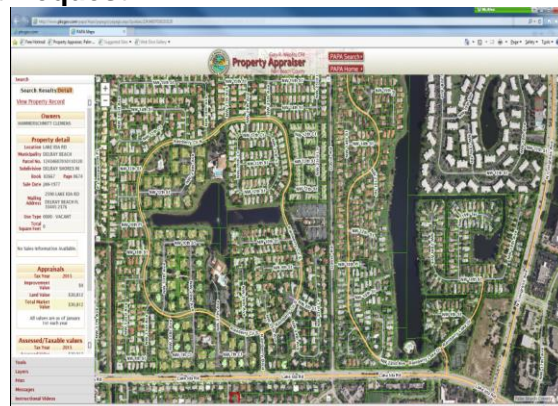
☒ Project Update

Project Number: 17-XXX

Project Title: Reclaimed Water System Expansion, Area 6

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Statutorily/Contractually Required ▼



## Relationship to Community Vision and City Commission Goals

Justification:

Continued expansion of the Reclaimed Water System to comply with the FDEP Section 403.086(9)(e) (1), which requires facilities with ocean outfalls to install functioning reuse systems by December 2025, providing 60 percent of the facilities actual flow for reuse purposes. In addition, expansion of the reclaimed water system complies with City Consumptive Use Permit issued through the SFWMD which requires a sustainable effort in water conservation. Design FY 16/17; Construction FY 17/18.

## Return on Investment (ROI) Considerations

ROI:

Expansion of the reclaimed system for irrigation reduces the demand on potable water, which aids in the City efforts to comply with ground water withdrawal allocations under the SFWMD's permit, and helps foster water conservation efforts.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
441-5161-536.68-20 Water/Sewer	\$ 190,000	\$ 2,200,000				
448- Storm Water		385,000				
442- Water & Sewer R & R		220,000				
<b>Totals</b>	\$ 190,000	\$ 2,805,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
441-5161-536.68-20 Water/Sewer	\$ 190,000	\$ 2,200,000				
448- Storm Water		385,000				
442- Water & Sewer R & R		220,000				
<b>Totals</b>	\$ 190,000	\$ 2,805,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 441-5161-536.68-20

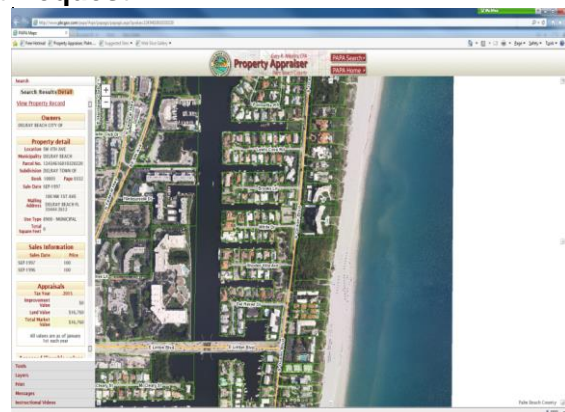
Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number: 16-024

Project Title: Reclaimed Water System Expansion, Area 12C



Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Statutorily/Contractually Required ▼

## Relationship to Community Vision and City Commission Goals

Justification:

Continued expansion of the Reclaimed Water System to comply with the FDEP Section 403.086(9)( e) (1), which requires facilities with ocean outfalls to install functioning reuse systems by December 2025, providing 60 percent of the facilities actual flow for reuse purposes. in addition, expansion of the reclaimed water system complies with City Consumptive Use Permit issued through the SFWMD which requires an sustainable effort in water conservation. Construction FY 16/17 (Design FY 15/16).

## Return on Investment (ROI) Considerations

ROI:

Expansion of the reclaimed system for irrigation reduces the demand on potable water, which aids in the City efforts to comply with ground water withdrawal allocations under the SFWMD's permit, and helps foster water conservation efforts.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
441-5161-536.68-20	\$ 2,475,000					
448- Storm Water	355,000					
442- Water &Sewer R & R	442,500					
<b>Totals</b>	\$ 3,272,500	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
441-5161-536.68-20	\$ 2,475,000					
448- Storm Water	355,000					
442- Water &Sewer R & R	442,500					
<b>Totals</b>	\$ 3,272,500	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida Capital Improvement Project Request

nt/Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 441-5161-536.49-23

Amount Spent-to-date

☐ New Project

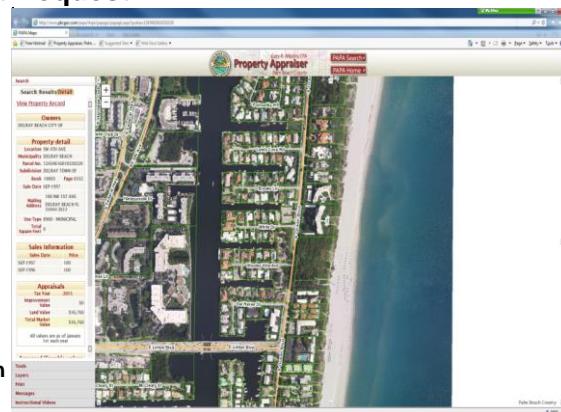
☒ Project Update

Project Number: 16-024

Project Title: Customer Connections to Reclaimed Water System (after completion of Construction)

Level of Service (LOS):

FY 2016-2018 Goal:



## Relationship to Community Vision and City Commission Goals

Justification:

Customers need to be connected to the reclaimed water system after construction of the distributions and transmission sysetm's are complete (currently, Areas 12B and 12C). Connections involve securing contracted resources to provide plumbing from the source point (at the street) to the customers irrigation controller.

## Return on Investment (ROI) Considerations

ROI:

As soon as customers are connected to the system, there is a reduction in the demand for potable water. Performing this service ensures that customers are connected timely, with proper backflow devices, complying with PB County Health Dept. regulations. Connections generate revenue from the sale of reclaimed water.

Payback Period (ROI):

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
441- Water & Sewer	\$ 200,000					
441- Water & Sewer		\$ 200,000				
441- Water & Sewer			\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
<b>Totals</b>	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
441-5161-536.49-23 (Area 12B)	\$ 200,000					
441-5161-536.49-23 (Area 12C)		\$ 200,000				
441-5161-536.49-23 (next areas per study)			\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
<b>Totals</b>	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 441-5161-536.34.85

Amount Spent-to-date

☒ New Project

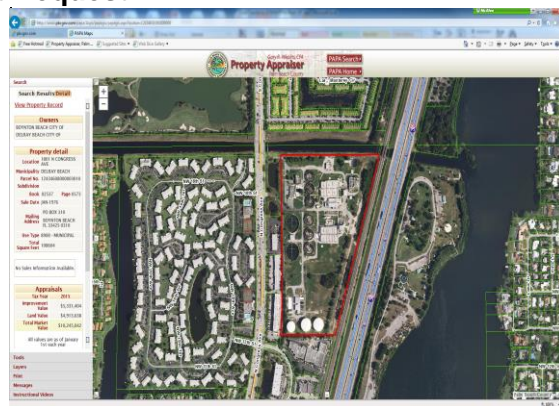
☐ Project Update

Project Number: 17-xxx

Project Title: City's contribution to the SCRWTP for CIP (FY16 thru FY22)

Level of Service (LOS):

FY 2016-2018 Goal:



## Relationship to Community Vision and City Commission Goals

Justification:

City's contribution to the SCRWTP for CIP. FY 16-22

## Return on Investment (ROI) Considerations

ROI:

Improvements required for maintaining and operating the plant in compliance with regulatory requirements.

Payback Period (ROI):

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
441- Water & Sewer	\$ 550,000	\$ 600,000	\$ 650,000	\$ 700,000	\$ 750,000	\$ 800,000
<b>Totals</b>	\$ 550,000	\$ 600,000	\$ 650,000	\$ 700,000	\$ 750,000	\$ 800,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
441-5161-536.34-85	\$ 550,000	\$ 600,000	\$ 650,000	\$ 700,000	\$ 750,000	\$ 800,000
<b>Totals</b>	\$ 550,000	\$ 600,000	\$ 650,000	\$ 700,000	\$ 750,000	\$ 800,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.34.85

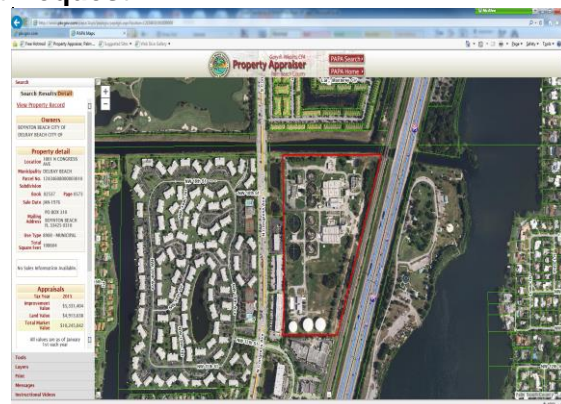
Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 17-xxx

Project Title: City's contribution to the SCRWTP for R & R (FY16 thru FY22)



Level of Service (LOS):

FY 2016-2018 Goal:

## Relationship to Community Vision and City Commission Goals

Justification:

The City of Delray Beach contribution to the South Central Regional Wastewater Treatment Plant for Renewal and Replacement projects to the plant.

## Return on Investment (ROI) Considerations

ROI:

Renewal and replacements required for maintaining and operating the plant in compliance with regulatory requirements.

Payback Period (ROI):

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	
<b>Totals</b>	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.34-85	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	
<b>Totals</b>	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ 84,000	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

nt/Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 441-5161-536.xx-xx

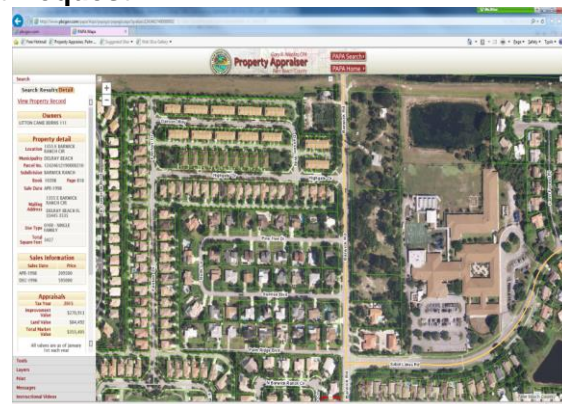
Amount Spent-to-date

☐ New Project

☐ Project Update

Project Number: 13-088

Project Title: Golf Club Estates Annexation; Infrastructure Enhancements (FY16 thru FY22)



Level of Service (LOS): Policy Directives ▼

FY 2016-2018 Goal: Grow & Diversify Revenue Base ▼

## Relationship to Community Vision and City Commission Goals

Justification:

Golf Club Estates and the potential development across the northeast side of Barwick Rd wish to annex into the City for services through an Interlocal Service Boundary Agreement (ISBA). Design services for infrastructure is considered under this project; water, sewer, drainage, sidewalks, street lights, etc. Design FY 16/17, construction FY 17/18.

## Return on Investment (ROI) Considerations

ROI:

Annexation will allow increased tax base, and satisfy increased service level for this community.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 200,000	\$ 1,600,000				
<b>Totals</b>	\$ 200,000	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.xx-xx	\$ 200,000	\$ 1,600,000				
<b>Totals</b>	\$ 200,000	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 334/General Fund



### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-527

Project Title: Computer Aided Design (CADD) Upgrade Licenses

Level of Service (LOS): Best Practices ▼

FY 2016-2018 Goal: LOS Increase ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

Consultants, Developers and Engineers submitting design plans or as-builts to the city are doing so with advanced Autodesk Software. Even though we request documents to be saved in an older or basic file format there continues to be information we are unable to view or utilize. This software upgrade is necessary to enable staff to perform their functions and gain access to information they are currently unable to which will increase their level of service and efficiency.

### Return on Investment (ROI) Considerations

#### ROI:

The implementation of this upgrade will reduce staff time spent trying to work around this incompatibility between software versions and the ROI will result in efficient utilization of time and the ability to complete projects in a timely fashion.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442 Water & Sewer R& R Find	\$ 37,500	\$ -	\$ -			
448 Storm Water Fund	37,500		-			
Totals	\$ 75,000		\$ -		\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
334 General Fund/IT	\$ 75,000		\$ -			
			-			
Totals	\$ 75,000	\$ -	\$ -	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	





## City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 448/Stormwater



### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 14-065

Project Title: Lewis Cove Drainage Improvements

Level of Service (LOS): Life Safety ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

The City has completed the design phase for the Lewis Cove Drainage Improvement project which includes:  
(1) Expanding the drainage system to mitigate localized flooding;  
(2) Installation of swales to improve stormwater conveyance and water quality;  
(3) Replacement of an existing 4" water main with an 8" water main to improve fire protection flow rates;  
(4) Installation of a 4" reclaimed water main to facilitate homeowner connection when mains are installed along South Ocean Boulevard; and  
(5) Asphalt mill and overlay to improve quality of road. The next phase of this project is the construction phase.

### Return on Investment (ROI) Considerations

#### ROI:

Per Commission direction, the objective is to complete improvements to neighborhoods per their Master Plans in a timely manner. The improvements to Lewis Cove were designed last year and the City is requesting the funding to complete the construction phase this year to close out the Lewis Cove Drainage Improvement project.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
		\$ -				
442 W/S	\$ 125,000					
448 Stormwater	225,000					
Totals	\$ 350,000				\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442 W/S	125,000					
448 Stormwater	225,000					
Totals	\$ 350,000	\$ -	\$ -	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	





# City of Delray Beach, Florida Capital Improvement Project Request

/Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 448 & 442 / SW & WS



## Amount Spent-to-date

☐ New Project ☒ Project Update

Project Number: 16-511

Project Title: Marine Way, Veterans Park, and City Marina Seawall Construction

Level of Service (LOS): Life Safety ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

Marine Way between Atlantic Avenue and SE 1st Street has structurally failed. In this reach of the Intracoastal Waterway there is no seawall and high tides flood the area frequently. Mitigation to date has included relocation of the existing water main to the west side of the right-of-way. The area needs a seawall as well as total roadway and sanitary re-construction. The project shall include the City Marina as well as Veteran's Park seawall. The design phase is scheduled in FY 16/17 and construction shall begin in FY 17/18.

## Return on Investment (ROI) Considerations

### ROI:

The City has a conceptual plan which was developed in 2008 and will be updated to select the most cost effective alternative that meets the established level of service. Seawall design will consider projections for sea level rise for the next 50 years.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442 Sanitary Rehabilitation	45,000		\$ -			
<b>Totals</b>	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442 Sanitary Rehabilitation	45,000		\$ -			
<b>Totals</b>	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ -				
	-					
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

nt/Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.63-88

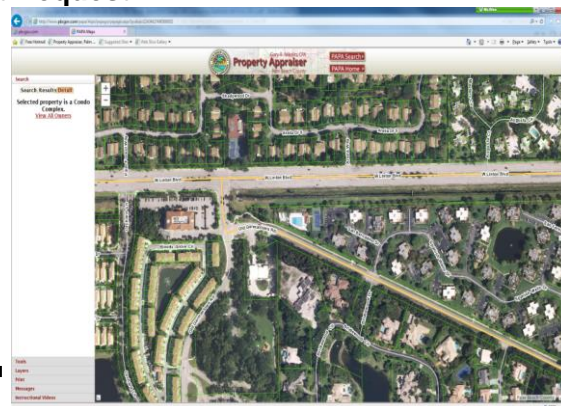
## Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number: 14-039

Project Title: Sanitary Sewer Force Main System 58A & 87 Replacement (FY16 thru FY22)



Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

Sanitary sewer Force Main System #58A and 87 are deteriorating and in need of replacement. System 58A is along Germantown Road at Linton Blvd, 87 is along Military Trail, north of Atlantic Ave. Design is underway FY 15/16, construction anticipated for FY 16/17.

## Return on Investment (ROI) Considerations

### ROI:

Upgrade of the force mains will reduce current maintenance levels, the increase operational reliability of the systems, and will reduce the potential for overflow, thus ensuring compliance with regulatory requirements; extends the life cycle of each respective piping system.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 900,000					
<b>Totals</b>	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.63-88 (for construction)	\$ 900,000					
<b>Totals</b>	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.xx-xx

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 17-xxx

Project Title: ESD Complex Security Upgrades (FY16 thru FY22)



Level of Service (LOS): Best Practices

FY 2016-2018 Goal: LOS Increase

## Relationship to Community Vision and City Commission Goals

Justification:

Upgrade of the entire perimeter security system for the Environmental Services Department Complex at 434 S. Swinton Avenue, as well as heightened security for the WTP area; to include installation of more cameras, upgrades to existing cameras, perimeter sensors, access gates, etc.

## Return on Investment (ROI) Considerations

ROI:

Upgrades and increases in security measures will decrease vulnerability to threats to the complex, as well as the critical utility infrastructure.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 50,000	\$ 550,000				
Totals	\$ 50,000	\$ 550,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.xx-xx	\$ 50,000	\$ 550,000				
Totals	\$ 50,000	\$ 550,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

nt/Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.68-53

## Amount Spent-to-date

☒ New Project

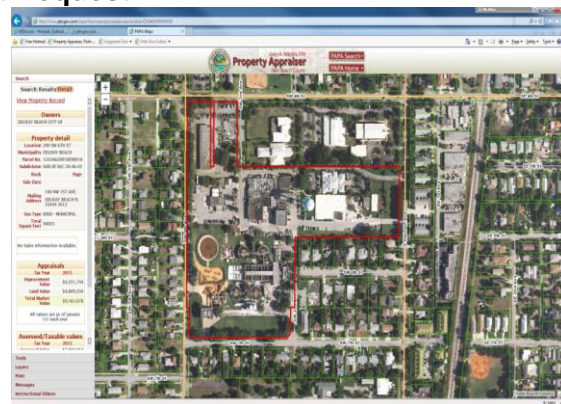
☐ Project Update

Project Number: 17-xxx

Project Title: Bldg LS Wet Well Rehabilitation (FY16 thru FY22)

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼



## Relationship to Community Vision and City Commission Goals

### Justification:

Annual maintenance and rehabilitation of one major building type City owned lift station; pressure washing, cleaning grease and debris build-up, and coating wet well walls. Programmed for FY 16/17 are Building Stations 34 and 11.

## Return on Investment (ROI) Considerations

### ROI:

Rehabilitation of the station will reduce current maintenance level and the increased operational reliability as well as reduce the potential for overspill, thus ensuring compliance with regulatory requirements; extends the life cycle of each station.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
<b>Totals</b>	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.68-53	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
<b>Totals</b>	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.xx-xx

Amount Spent-to-date

☐ New Project

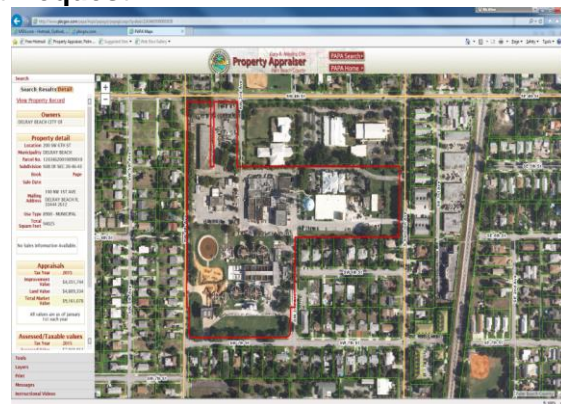
☒ Project Update

Project Number: 17-xxx

Project Title: Public Utilities Fixed Generator Rplcmnts (FY16 thru FY22)

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼



## Relationship to Community Vision and City Commission Goals

Justification:

There are fixed generators at high value utility infrastructure sites (major wells sites, water storage tanks, repump stations, and master sanitary lift stations) that need replacement on a rotating basis. Programmed for FY 16/17 are generator replacements (225kW) at Raw Water Well No. 35 and at Miller Park Tank site.

## Return on Investment (ROI) Considerations

ROI:

Replacement of the aging units reduces maintenance costs and ensures reliable operation when needed. The typical life cycle on a unit is 10 years.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000
<b>Totals</b>	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.xx-xx	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000
<b>Totals</b>	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.61-81

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 17-xxx

Project Title: Large Water Meter R&R (FY16 thru FY22)



Level of Service (LOS): Best Practices

FY 2016-2018 Goal: Repair & Replacement (R & R) Program

## Relationship to Community Vision and City Commission Goals

Justification:

Renewal and Replacement of large (3" or larger) water meters as needed, City wide.

## Return on Investment (ROI) Considerations

ROI:

Replacement of aging and deteriorating water meters ensures accurate readings to capture best potential revenue from customers using potable water; budget estimate is based on historical trend.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
<b>Totals</b>	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.61-81	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
<b>Totals</b>	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.68-15 /

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 17-xxx

Project Title: Lift Station Rehabilitation (FY16 thru FY22)

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

Picture

### Relationship to Community Vision and City Commission Goals

Justification:

Annual maintenance and rehabilitation of three to four stations out of the 130 City owned lift stations; ones exhibiting the worst conditions. Scope of work includes replacement of guides, rails, break-away fittings, pumps, and coating walls and valve vault. Programmed for rehabilitation for FY 16/17 are Lift Stations 17, 84B, and 13.

### Return on Investment (ROI) Considerations

ROI:

Rehabilitation of the stations will reduce current maintenance levels and the increased operational reliability will reduce the potential for overspill, thus ensuring compliance with regulatory requirements; extends the life cycle of each station.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000
Totals	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.68-15	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000
Totals	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida Capital Improvement Project Request

nt/Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.61-82

## Amount Spent-to-date

☐ New Project

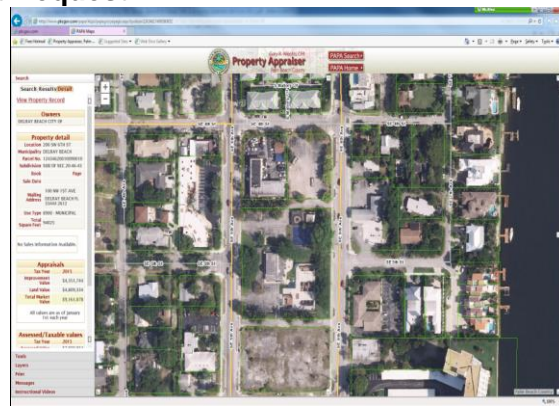
☒ Project Update

Project Number: 16-030

Project Title: Lift Station #1 Upgrade (FY16 thru FY22)

Level of Service (LOS):

FY 2016-2018 Goal:



## Relationship to Community Vision and City Commission Goals

### Justification:

Lift Station #1 is located at the northeast corner of the Teen Center property and is a major station collecting sanitary sewer from the southeast section of town. The station is at its useful life, and considering the redevelopment of downtown (potential increase in demand), the station needs to be upgraded. Study and analysis is underway (FY 15/16), Design programmed for in FY 16/17, with Construction programmed for FY 17/18.

## Return on Investment (ROI) Considerations

### ROI:

Upgrade of the station will reduce current maintenance levels and the increased operational reliability will reduce the potential for overspill, thus ensuring compliance with regulatory requirements; extends the life cycle of the Lift Station.

Payback Period (ROI):

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 190,000	\$ 1,450,000				
<b>Totals</b>	\$ 190,000	\$ 1,450,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.61-82	\$ 190,000	\$ 1,450,000				
<b>Totals</b>	\$ 190,000	\$ 1,450,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

nt/Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.68-14

## Amount Spent-to-date

☒ New Project

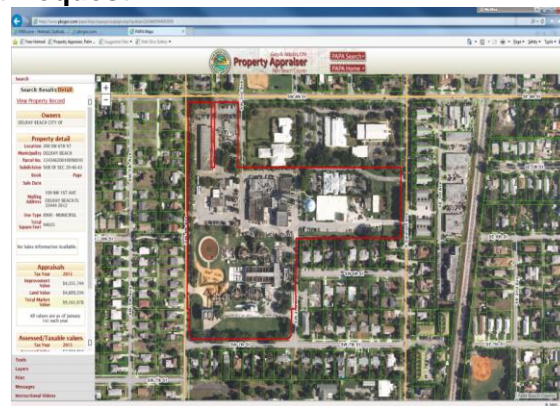
☐ Project Update

Project Number: 17-xxx

Project Title: Production Well Rehabilitation (FY16 thru FY22)

Level of Service (LOS):

FY 2016-2018 Goal:



## Relationship to Community Vision and City Commission Goals

### Justification:

Annual maintenance and rehabilitation of five to six raw water wells out of 30, ones exhibiting the worst conditions. Scope of work includes well redevelopment and bacteriological clearance of well. Programmed for FY 16/17 are Raw Water Wells No. 2, 9, 12, 16, and 17.

## Return on Investment (ROI) Considerations

### ROI:

Rehabilitation of the wells will reduce current maintenance levels, increase operational reliability and optimum pumpage, for compliance with SFWMD regulatory compliance; extends the life cycle of each well.

Payback Period (ROI):

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
<b>Totals</b>	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.68-14	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
<b>Totals</b>	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.xx-xx

## Amount Spent-to-date

☐ New Project

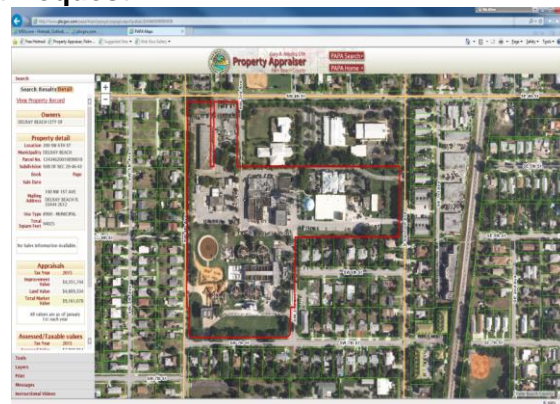
☒ Project Update

Project Number: 17-xxx

Project Title: Public Utilities Portable Generator Rplcmnts (FY16 thru FY22)

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼



## Relationship to Community Vision and City Commission Goals

Justification:

Utilities has a fleet of portable generators on trailers that are deployed to high value utility infrastructure sites (major wells sites, water storage tanks, repump stations, and master sanitary lift stations) that need replacement on a rotating basis. Anticipate replacing 10 units per year .

## Return on Investment (ROI) Considerations

ROI:

Replacement of the aging units reduces maintenance costs and ensures reliable operation when needed.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 220,000	\$ 220,000	\$ 220,000			
<b>Totals</b>	\$ 220,000	\$ 220,000	\$ 220,000	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.xx-xx	\$ 220,000	\$ 220,000	\$ 220,000			
<b>Totals</b>	\$ 220,000	\$ 220,000	\$ 220,000	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.63-82

Amount Spent-to-date

☐ New Project

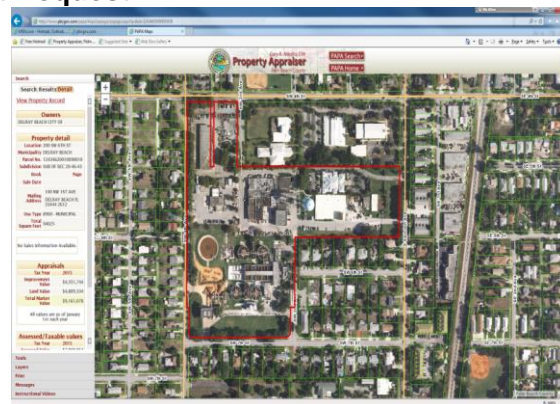
☒ Project Update

Project Number: 17-xxx

Project Title: Sanitary Sewer Man-Hole Rehab (FY16 thru FY22)

Level of Service (LOS): Best Practices

FY 2016-2018 Goal: Repair & Replacement (R & R) Program



## Relationship to Community Vision and City Commission Goals

Justification:

Perform cleaning and apply coating to deteriorating sanitary sewer man-holes to prolong useful life and operation of structure.

## Return on Investment (ROI) Considerations

ROI:

Coating provides restoration to the structure to prolong useful service life without the major disruption of conventional structure replacement. Locations of assets identified for rehabilitation are contingent on annual inspection results.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
<b>Totals</b>	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.63-82	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
<b>Totals</b>	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.64-24

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 17-xxx

Project Title: Sanitary Sewer Main Rehab (FY16 thru FY22)



Level of Service (LOS): Best Practices

FY 2016-2018 Goal: Repair & Replacement (R & R) Program

## Relationship to Community Vision and City Commission Goals

Justification:

Perform CIPP (cured-in-place-pipe) lining of deteriorating sanitary sewer mains to prolong useful life and operation of pipe. Pipe segments identified for lining in FY 16/17 are in the DelAire community, Delray Shores community, along SE 2nd Ave (between SE 1st St to SE 3rd St), and along SE 3rd Ave (between SE 1st St to SE 3rd St).

## Return on Investment (ROI) Considerations

ROI:

Lining of pipes provides restoration to ensure continued reliable service without the major disruption of conventional pipe replacement.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000
<b>Totals</b>	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.xx-xx	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000
<b>Totals</b>	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.52-31

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 17-xxx

Project Title: Small Water Meter R & R (FY16 thru FY22)



Level of Service (LOS): Best Practices

FY 2016-2018 Goal: Repair & Replacement (R & R) Program

## Relationship to Community Vision and City Commission Goals

Justification:

Renewal and Replacement of small (less than 3") water meters as needed, City wide.

## Return on Investment (ROI) Considerations

ROI:

Replacement of aging and deteriorating water meters ensures accurate readings to capture best potential revenue from customers using potable water. Budget estimate is based on historical trends.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
<b>Totals</b>	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.52-31	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
<b>Totals</b>	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.xx-xx

Amount Spent-to-date

☒ New Project

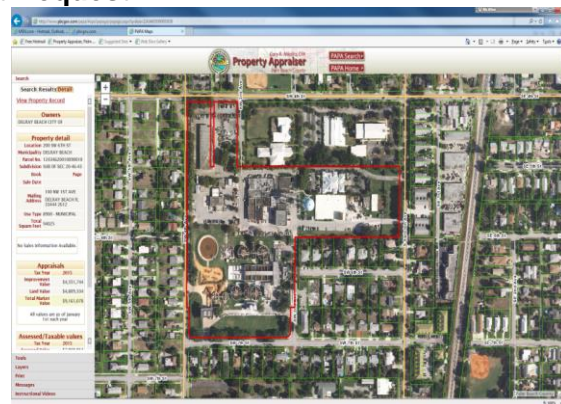
☐ Project Update

Project Number: 17-xxx

Project Title: Upgrade of Lift Station Telemetry System (FY16 thru FY22)

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼



## Relationship to Community Vision and City Commission Goals

Justification:

Upgrade twenty (20) year old telemetry SCADA (Supervisory Control and Data Acquisition) system used in the monitoring the operational functionality of utility assets such as lift stations, water treatment plant, and storm water pump stations. Upgrade of the system is required as repairs are difficult and replacement parts are becoming obsolete.

## Return on Investment (ROI) Considerations

ROI:

The operation and efficiency of the SCADA system is essential in providing critical information on operational status of each asset; alerting staff of lift station sewage levels, if pumps are functioning, if power is lost at a critical facility, etc. The SCADA system is critical for monitoring the operational status of utility assets for maintaining public health per regulatory compliance.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 460,000	\$ 460,000	\$ 460,000			
<b>Totals</b>	\$ 460,000	\$ 460,000	\$ 460,000	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.64-90	\$ 460,000	\$ 460,000	\$ 460,000			
<b>Totals</b>	\$ 460,000	\$ 460,000	\$ 460,000	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

nt/Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.46-90

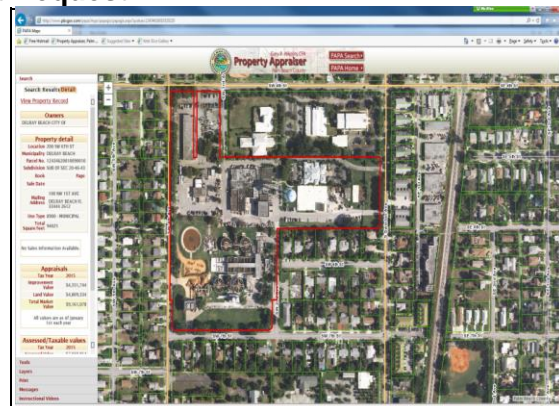
## Amount Spent-to-date

☐ New Project

☒ Project Update

Project Number: 15-015

Project Title: Elevated Water Storage Tank Maintenance (FY15 thru FY21)



Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

The City awarded RFP #2015-33, Elevated Water Tank Full Maintenance Program, on Oct. 6, 2015 to Utility Services Company, Inc. The contract term is a 7 year initial term, with a one time option to renew for an additional 5 years. The contract includes all annually required regulatory inspections, including any interior and exterior maintenance and rehabilitation.

## Return on Investment (ROI) Considerations

### ROI:

Continued maintenance of the elevated tank ensures compliance with regulatory requirements, extends the life cycle of the tank, and provides an aesthetically please landmark.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
<b>Totals</b>	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.46-90	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
<b>Totals</b>	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.31-90

Amount Spent-to-date

☒ New Project

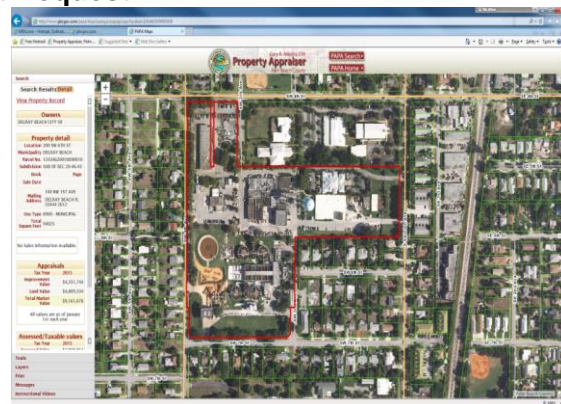
☒ Project Update

Project Number: 17-xxx

Project Title: Water Distribution System Evaluation (FY16 thru FY22)

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼



## Relationship to Community Vision and City Commission Goals

Justification:

Continuation in performing evaluation of the City's water utility infrastructure, including the Water Treatment Plant (WTP) and water distribution system, to address replacement of an aging plant and the issues related to maintaining minimum chlorine residuals throughout system. WTP system evaluation conducted FY 15/16, study of recommendations for FY 16/17, with RFQ design package FY 17/18.

## Return on Investment (ROI) Considerations

ROI:

The evaluation and study will generate a report and plan for phasing the replacement of the water treatment plant, as well as a plan for any immediate plant or system upgrades required in maintaining the minimum chlorine residuals.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 200,000	\$ 200,000	\$ 200,000			
<b>Totals</b>	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.31-90	\$ 200,000	\$ 200,000	\$ 200,000			
<b>Totals</b>	\$ 200,000	\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.43-99

Amount Spent-to-date

☒ New Project

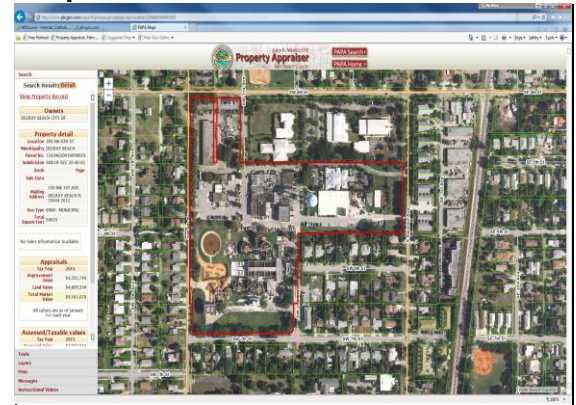
☐ Project Update

Project Number: 17-xxx

Project Title: Water Line Service Relocations (FY16 thru FY22)

Level of Service (LOS): Best Practices

FY 2016-2018 Goal: Repair & Replacement (R & R) Program



## Relationship to Community Vision and City Commission Goals

Justification:

After a water main upgrade project, relocation of existing rear yard water services to the front yard for service off the newly install water main; includes proper abandonment of existing mains and services.

## Return on Investment (ROI) Considerations

ROI:

This program supports a best practices initiative of relocating water meters that exist in places that are difficult to read and/or maintain, such as fenced rear yards, undeveloped alleyways, easements, etc., to the front yard/Right-of-Way.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
<b>Totals</b>	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.49.33	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
<b>Totals</b>	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.xx-xx

Amount Spent-to-date

☒ New Project

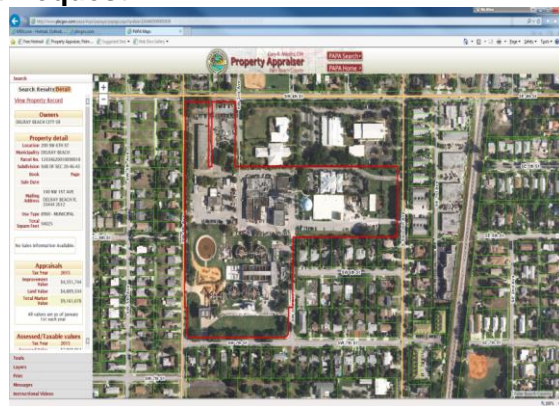
☐ Project Update

Project Number: 17-xxx

Project Title: Water Valve Renewal & Replacements (FY16 thru FY22)

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼



## Relationship to Community Vision and City Commission Goals

Justification:

Repair and replacement of valves on water mains, as identified by the utilities valve exercising crew.

## Return on Investment (ROI) Considerations

ROI:

Repair and replacement of inoperable valves on water mains is critical to the efficient operation of the distribution system, as the ability and need to isolate and/or diverting water during a water main break is paramount.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000
<b>Totals</b>	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.49-34	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000
<b>Totals</b>	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.64-90

## Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 17-xxx

Project Title: WTP Bleach Tank Replacement (FY16 thru FY22)



Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

The fiberglass tank holding liquid sodium hypochlorite (bleach) used in the water treatment process is aging and in need of replacement; annual inspection cited areas needing attention. As a fiberglass tank, repairs are not feasible.

## Return on Investment (ROI) Considerations

### ROI:

Annual inspection cited areas needing attention. Repairs to the tank are not feasible, thus needs replacement. Life cycle on this type of tank is 7 to 10 years.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 60,000					
<b>Totals</b>	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.64-90	\$ 60,000					
<b>Totals</b>	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.65-921

Amount Spent-to-date

☒ New Project

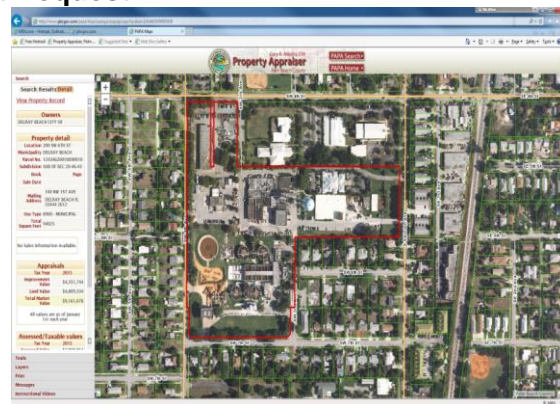
☐ Project Update

Project Number: 17-xxx

Project Title: WTP Clarifier Rehab (FY16 thru FY22)

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼



## Relationship to Community Vision and City Commission Goals

Justification:

Complete rehabilitation of two reactor clarifiers. Scope of work to include sandblasting and repainting of all metal troughs and support structures, replacement of gear drives and motors.

## Return on Investment (ROI) Considerations

ROI:

Rehabilitation ensures operation of the unit and extends service life.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 480,000	\$ 480,000				
<b>Totals</b>	\$ 480,000	\$ 480,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.65-92	\$ 480,000	\$ 480,000				
<b>Totals</b>	\$ 480,000	\$ 480,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.64-90

Amount Spent-to-date

☒ New Project

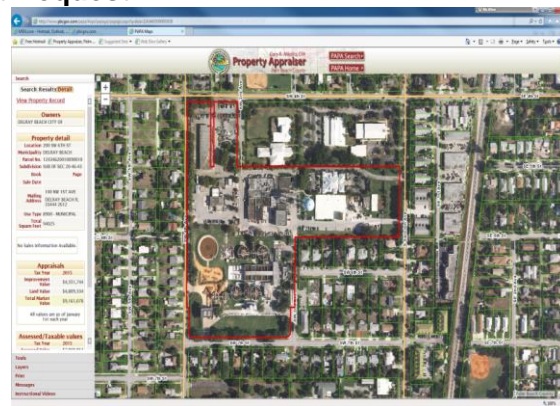
☐ Project Update

Project Number: 17-xxx

Project Title: WTP Filter Fill & Drain Valve Replacements (FY16 thru FY22)

Level of Service (LOS):

FY 2016-2018 Goal:



## Relationship to Community Vision and City Commission Goals

Justification:

Replace set of two, fill and drain valves, a 30" and 20" valve, at each filter deck. Due to age and use, valves are not seating closed.

## Return on Investment (ROI) Considerations

ROI:

Replacement required for efficient operation of unit.

Payback Period (ROI):

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 85,000	\$ 85,000	\$ 85,000			
Totals	\$ 85,000	\$ 85,000	\$ 85,000	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.64-90	\$ 85,000	\$ 85,000	\$ 85,000			
Totals	\$ 85,000	\$ 85,000	\$ 85,000	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.xx-xx

Amount Spent-to-date

☒ New Project

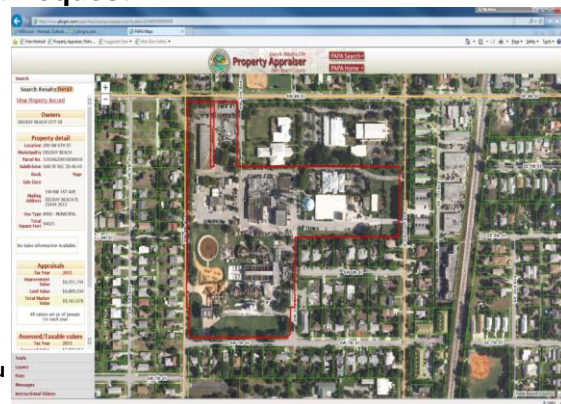
☒ Project Update

Project Number: 17-xxx

Project Title: WTP Laboratory Mass Spectrometer Instrumentation Unit (FY16 thru FY22)

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼



## Relationship to Community Vision and City Commission Goals

Justification:

Replacement of the existing and 18 year old aging Mass Spectrometer unit at the Water Treatment Plant (WTP) Laboratory used in the analysis of metals for lead and copper studies, plant and well samples. The existing unit is approaching the age where it will no longer be supported by the manufacturer for repairs a service.

## Return on Investment (ROI) Considerations

ROI:

A newer, more technologically advanced unit, will continue to allow the staff to perform required regulatory analysis, as well as enhanced trace metals analysis.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 180,000					
<b>Totals</b>	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.xx-xx	\$ 180,000					
<b>Totals</b>	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.64-90

Amount Spent-to-date

☒ New Project

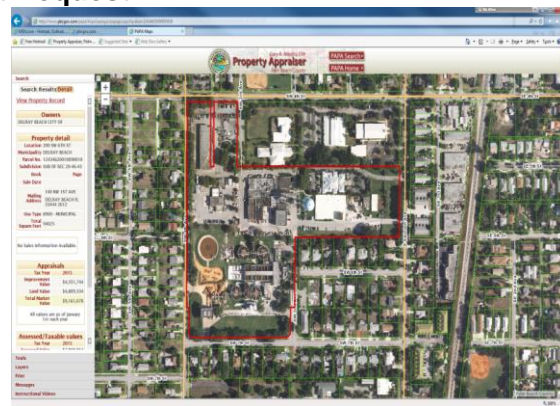
☐ Project Update

Project Number: 17-xxx

Project Title: WTP Lime Slaker Replacement (FY16 thru FY22)

Level of Service (LOS):

FY 2016-2018 Goal:



## Relationship to Community Vision and City Commission Goals

Justification:

Replacement of western lime slaker unit; required in the water treatment process. The eastern unit was replaced in FY 2015/2016.

## Return on Investment (ROI) Considerations

ROI:

Replacement required for efficient operation of unit and process treatment of water.

Payback Period (ROI):

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 250,000	\$ 250,000				
<b>Totals</b>	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.64-90	\$ 250,000	\$ 250,000				
<b>Totals</b>	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/ Utilities

Contact Person: Victor Majtenyi

Phone #/Extension: 243-7328

Fund Number: 442-5178-536.64-90

## Amount Spent-to-date

☒ New Project

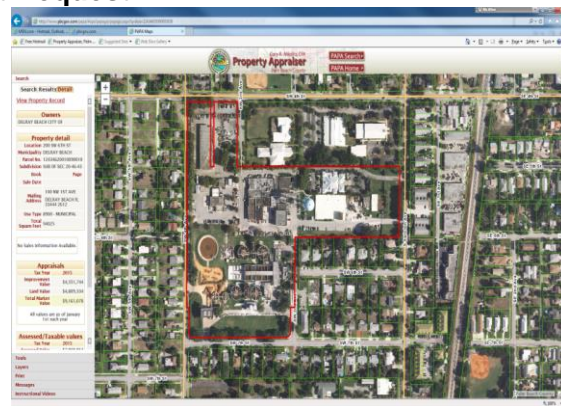
☐ Project Update

Project Number: 17-xxx

Project Title: WTP Ammonia Tank Replacement (FY16 thru FY22)

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼



## Relationship to Community Vision and City Commission Goals

### Justification:

The tank holding Ammonia gas used in the water treatment process is aging and in need of replacement; annual inspection cited areas needing attention. Replacement would be more cost than continual repairs.

## Return on Investment (ROI) Considerations

### ROI:

Annual inspection cited areas needing attention. Due to the age of the tank, replacement would be more cost effective than continual period repairs. Life cycle on this type of tank is 15 to 20 years.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in 7 to 10 Years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442- Water & Sewer	\$ 40,000					
<b>Totals</b>	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
442-5178-536.64-90	\$ 40,000					
<b>Totals</b>	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
<b>Totals</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 448 Stormwater



## Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-521

Project Title: Atlantic Ave. and 2nd Ave. Stormwater Improvements

Level of Service (LOS): Regulatory/Contractual ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

The City has received numerous complaints concerning the drainage on Atlantic Ave. and 2nd Ave. near Fat Rooster. The existing stormwater infrastructure does not properly convey the rainwater to the existing storm inlets and additional infrastructure is required. It is anticipated that the design will begin in FY 17 and construction begin in FY 19.

## Return on Investment (ROI) Considerations

### ROI:

The City is responsible to keep in compliance with its NPDES Permit. By installing additional stormwater infrastructure on 2nd Ave. the City will alleviate any infractions with respect to illicit stormwater discharge.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
448 Stormwater fund	\$ 25,000	\$ 110,000				
Totals	\$ 25,000	\$ 110,000			\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
448 Stormwater fund	\$ 25,000	\$ 110,000				
	-					
Totals	\$ 25,000	\$ 110,000	\$ -	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	





# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 448/Storm Water



## Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-512

Project Title: George Bush Boulevard Storm Water Improvements

Level of Service (LOS): Past/Current Practices ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

## Relationship to Community Vision and City Commission Goals

### Justification:

On 617 Palm Trail a storm water outfall pipe was installed on private property without the necessary easements. The new owner will not issue a drainage easement to the City, and ESD has designed an alternative route for the drainage across George Bush Blvd. to a public outfall to the Intracoastal Waterway.

## Return on Investment (ROI) Considerations

### ROI:

Having proper drainage on South Palm Trail is required to prevent flooding of the roadway (health and safety concerns). ESD has engineered drainage plans to re-direct the stormwater to outfall on the north side of Palm Trail. This new system will alleviate the need for an easement on 617 Palm Trail.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
448 Storm Water fund	\$ 137,500					
<b>Totals</b>	\$ 137,500	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
448 Storm Water fund	\$ 137,500	\$ -				
	-					
<b>Totals</b>	\$ 137,500	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
		\$ -				
	-					
<b>Totals</b>		\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida

## Capital Improvement Project Request

Division: ESD/Engineering  
 Contact Person: Isaac Kovner  
 Phone #/Extension: 243-7341  
 Fund Number: 448/Stormwater



### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-042

Project Title: Island Drive Seawall Repairs

Level of Service (LOS): Life Safety ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

### Justification:

The City has completed the design phase for the Island Drive Seawall Repair project which includes:

- (1) Tree removal
- (2) Temporary relocation of overhead power lines
- (3) Investigation, evaluation and design of seawall repairs to the SE corner seawall
- (4) Installation of a new pile cap

### Return on Investment (ROI) Considerations

### ROI:

The seawall is structurally unsound and needs to be repaired. Improvements to the Island Drive Seawall were designed last year and the City is requesting the funding to complete the construction phase this year.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
448 Stormwater	\$ 350,000	\$ -				
Totals	\$ 350,000				\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
448 Stormwater	\$ 350,000					
	-					
Totals	\$ 350,000	\$ -	\$ -	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	



## City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 448/Stormwater



### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-518

Project Title: Lakeview Stormwater System Rehabilitation

Level of Service (LOS): Policy Directives ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

The City evaluated the Lakeview stormwater system to evaluate the condition of the stormwater infrastructure. The existing stormwater drainage pipe is over 25 years old and is causing sinkholes to appear due to the deteriorated pipe. Lining the existing pipe is therefore recommended.

### Return on Investment (ROI) Considerations

#### ROI:

Lining of the existing stormwater pipes is more cost effective than replacing the stormwater infrastructure.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
448 Stormwater	\$ 330,000	\$ -				
Totals	\$ 330,000				\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
448 Stormwater	\$ 330,000					
	-					
Totals	\$ 330,000	\$ -	\$ -	\$ -	\$ -	

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -					
	-					
Totals	\$ -		\$ -	\$ -	\$ -	



## City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 448/Stormwater



### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 14-065

Project Title: Lewis Cove Drainage Improvements

Level of Service (LOS): Life Safety ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

The City has completed the design phase for the Lewis Cove Drainage Improvement project which includes:  
(1) Expanding the drainage system to mitigate localized flooding;  
(2) Installation of swales to improve stormwater conveyance and water quality;  
(3) Replacement of an existing 4" water main with an 8" water main to improve fire protection flow rates;  
(4) Installation of a 4" reclaimed water main to facilitate homeowner connection when mains are installed along South Ocean Boulevard; and  
(5) Asphalt mill and overlay to improve quality of road. The next phase of this project is the construction phase.

### Return on Investment (ROI) Considerations

#### ROI:

Per Commission direction, the objective is to complete improvements to neighborhoods per their Master Plans in a timely manner. The improvements to Lewis Cove were designed last year and the City is requesting the funding to complete the construction phase this year to close out the Lewis Cove Drainage Improvement project.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ -				
442 W/S	125,000					
448 Stormwater	225,000					
Totals	\$ 350,000				\$ -	

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -					
442 W/S	125,000					
448 Stormwater	225,000					
Totals	\$ 350,000	\$ -	\$ -	\$ -	\$ -	

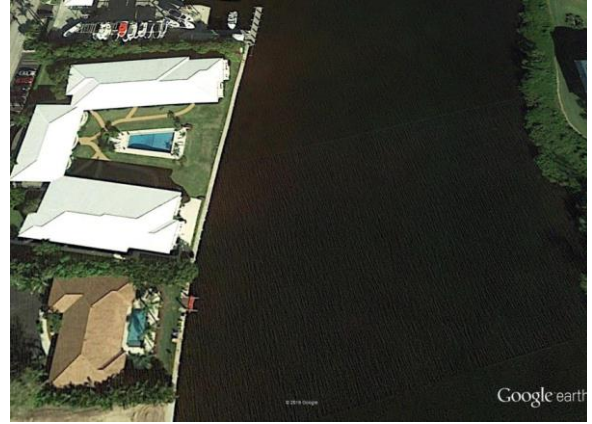
Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	-					
Totals			\$ -	\$ -	\$ -	





## City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 448/Storm Water



### Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-508

Project Title: Seawall Vulnerability Analysis

Level of Service (LOS): Best Practices ▼

FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

#### Justification:

Annual Maintenance is required to properly maintain the existing seawalls within the City limits. Improvements to the seawalls are necessary with respect to functionality and structurability of the City's seawalls. Each year the seawalls provide the City's streets protection from flooding during rain events and rising tide events. It is very important to perform these yearly maintenance items on the seawalls. As part of the Rising Tide evaluation the City should begin to consider the design of raising its existing seawalls (public and private) by 3 feet. Additionally, having non-flooded streets permits emergency vehicles (police, ambulances, and fire protection) to provide a level of service expected by the residents of the City. This is the study phase only.

### Return on Investment (ROI) Considerations

#### ROI:

By performing the yearly routine maintenance of the City's seawalls as well as beginning to increase the height of the seawalls (3'), the life expectancy of the seawalls are extended. Additionally, the structurability and the reliability of the seawalls will not deteriorate if routine maintenance is provided on a yearly basis thus providing health and safety vehicles access over the roadways to assist to the residents in the City limits during flooding events.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in excess of 10 years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
448 Storm Water	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -



# City of Delray Beach, Florida Capital Improvement Project Request

Division: ESD/Engineering  
Contact Person: Isaac Kovner  
Phone #/Extension: 243-7341  
Fund Number: 448/Storm Water



## Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number: 16-515

Project Title: Update Stormwater Master Plan

Level of Service (LOS):

FY 2016-2018 Goal:

## Relationship to Community Vision and City Commission Goals

### Justification:

The City's storm water system is over 75 years old and the last Master Plan for the infrastructure was conducted over 15 year ago. In order to be in compliance with current NPDES regulations as well as having a programmed storm water capital improvement program, the Stormwater Master Plan needs to be updated.

## Return on Investment (ROI) Considerations

### ROI:

Having an updated Stormwater Master Plan will improve the City's regulations with NPDES and allow the City to budget for a proper 5 year CIP.

Payback Period (ROI):

## Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
448 Storm Water	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -
	-					
Totals	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	-					
Totals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -





# City of Delray Beach, Florida

## Capital Improvement Project Request

Department/Division: ESD / Fleet Maintenance  
Contact Person: Kevin Rumell  
Phone #/Extension: 561-243-7333  
Fund Number: 501-3312-591.64-xx

Amount Spent-to-date

☒ New Project

☐ Project Update

Project Number:

[Picture](#)

Project Title: **Vehicle Replacements**

Level of Service (LOS): Best Practices ▼ FY 2016-2018 Goal: Repair & Replacement (R & R) Program ▼

### Relationship to Community Vision and City Commission Goals

Justification:

Timely replacement of vehicles provides cost savings by avoiding prohibitive repair costs, and delivers safe, reliable, and low cost vehicle solutions that empower all City Departments to effectively and efficiently meet their mission goals.

### Return on Investment (ROI) Considerations

ROI:

Will provide reduction of repair and maintenance costs, providing newer, more fuel efficient and environmentally friendly vehicles and increasing reliability.

Payback Period (ROI): Project will result in savings or cost avoidance for return of investment in 7 to 10 Years ▼

### Financial Information

Funding Sources						
Funding Type	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Garage Fund 501	\$ 3,119,940	\$ 2,805,000	\$ 2,975,000	\$ 3,600,000	\$ 2,905,000	
Totals	\$ 3,119,940	\$ 2,805,000	\$ 2,975,000	\$ 3,600,000	\$ 2,905,000	\$ -

Capital Project Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
501-3312-591.64-20 Vehicles	\$ 1,199,940	\$ 2,805,000	\$ 2,975,000	\$ 3,600,000	\$ 2,905,000	
501-3312-591.64-25 Heavy Equi	1,825,000					
501-3312-591.64-21 Restoration	95,000					
Totals	\$ 3,119,940	\$ 2,805,000	\$ 2,975,000	\$ 3,600,000	\$ 2,905,000	\$ -

Impact on Operational Expenditures/Expenses						
Activity	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-26
Totals	\$ -	\$ 99	\$ -	\$ -	\$ -	\$ -