

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

Please note that applicants must use this form and applications are limited to three pages plus one additional page for a project location map. The South Florida Water Management District must receive all Applications by November 21, 2014 at 3:00 p.m. Applications can be uploaded starting on November 3, 2014 at <http://www.sfwmd.gov/coopfunding> or submitted via regular mail or hand delivery to Karen Hargray at SFWMD, 3301 Gun Club Road, West Palm Beach, FL 33406.

| | |
|--|--|
| Project Name: City of Fort Lauderdale Comprehensive Stormwater Modeling Program (P11869/FY20150233) | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Annalise Mannix |
| Address: 100 North Andrews Ave | City/Zip: Fort Lauderdale, 33304 |
| Telephone: 954-828-4355 | E-mail: amannix@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 1,400,000 | Total Project Cost, if multi-year project: \$ N/A |
| FY2016 Funding Request: \$ 700,000 | Local Match: \$ 700,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input checked="" type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: N/A | |
| Is this a multi-year project: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: N/A | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District’s Strategic Plan, and if applicable, the Big Cypress Basin’s Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The project goal is to create a citywide stormwater hydraulic modeling and risk analysis tool . This tool will be used for planning as well as design allowing real–time updates as new projects are incorporated to the stormwater infrastructure within city limits. It will allow cost benefit analysis of low impact development vs standard infrastructure methods and consider present value, return on investment and can help rank projects on cost effectiveness and public value. The hydraulic modeling program will also address canal, storm surge and sea level rise which impact stormwater flow. This proposed model is intended to integrate the City model with Broward County and the SFWMD current modeling efforts as well as to update the stormwater policies form the City’s Comprehensive Plan.

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

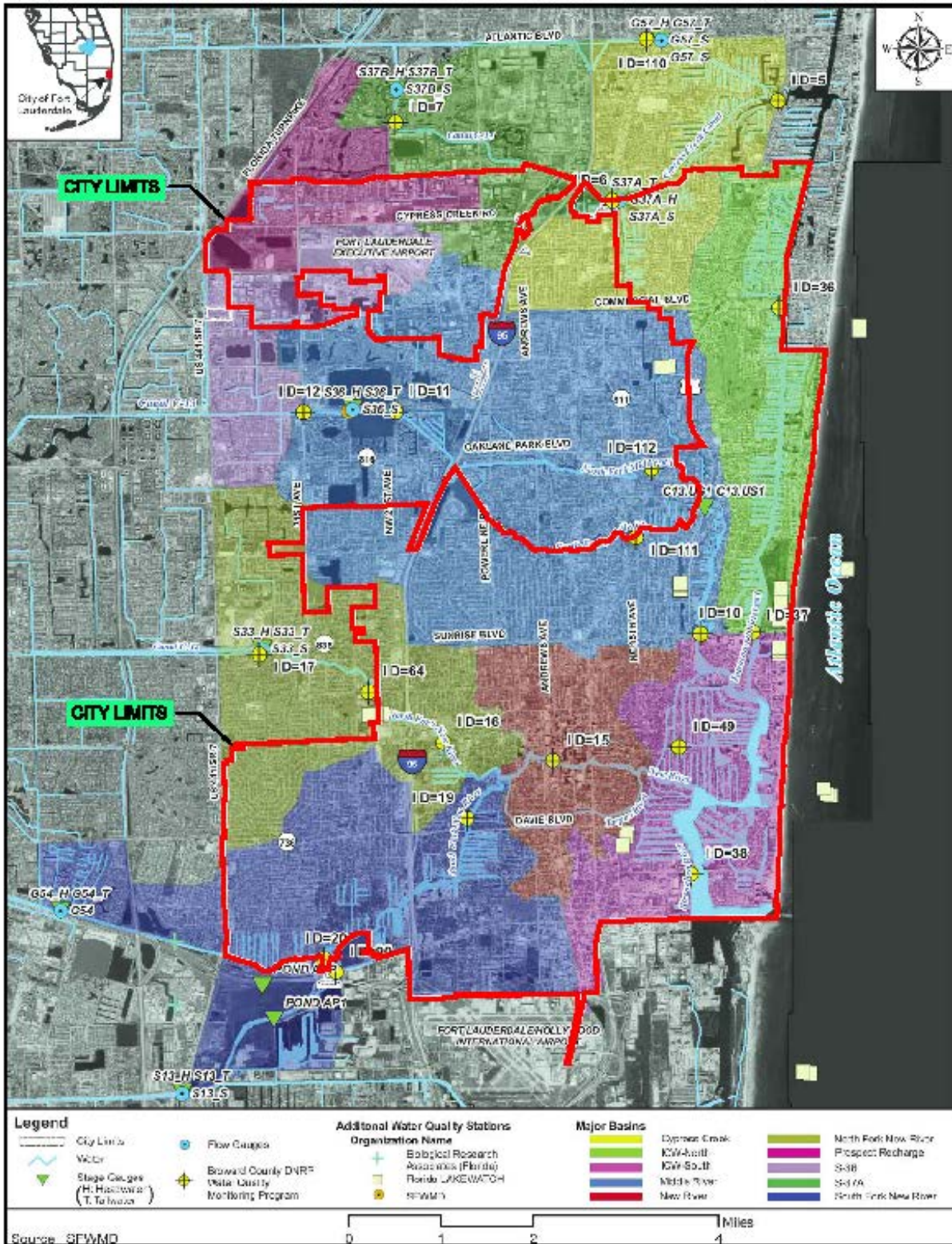
Project Description and Timeline (include water body and/or watershed): This project proposes the improvement of the stormwater and canal master plans through modeling systems and associated software which will consider BMP's, low impact and standard drainage infrastructure, such as swales, retention areas, pollution retardant baffles and exfiltration trench. The modeling program will inform the selection of infrastructure for design, and timing of possible pumping systems to work in response to SFWMD discharges and tidal flows. The proposed project will help design systems to target the most effective solutions to reduce nutrients and improve water quality. This project's planning stage started in June 2014, be complete in December 2016.

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: Water quality will be improved and local flooding will be mitigated.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: N/A

If no, anticipated date: December 2016

If applicable, list all relevant permits, including status, required to start or continue construction:

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: N/A

Please list all agreements, easements, etc. required for project implementation: N/A

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|---|-----------------|--------------------------------|----------------------|----------------------|
| Project Phase (e.g. Phase 1/I) | | | | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Data Collection | Model Development, Calibration | Calibration/Training | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$200,000 | \$1,100,000 | \$100,000 | \$1,400,000 |
| Percentage (%) of Total Cost | 14% | 79% | 7% | 100% |
| Planning/design/engineering Cost (\$) | \$200,000 | \$1,100,000 | \$100,000 | \$1,400,000 |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

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| | |
|---|--|
| Project Name: FAT Village Corridor Stormwater Improvements P11988 | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Khant Myat |
| Address: 100 N. Andrews Avenue | City/Zip: Fort Lauderdale, 33301 |
| Telephone: (954) 828-5061 | E-mail: KMyat@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 1,100,000 | Total Project Cost, if multi-year project: \$ N/A |
| FY2016 Funding Request: \$ 550,0000 | Local Match: \$ 550,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: | |
| <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? | |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: N/A | |
| Is this a multi-year project: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Are there any other agencies contributing funding to this project? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | |
| If yes, please list agency and funding amount: Click here to enter text. | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District’s Strategic Plan, and if applicable, the Big Cypress Basin’s Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The Flager Arts and Technology (FAT) Village Corridor Improvements Project is located in the city of Fort Lauderdale in the local downtown area. The Project encompasses the roads and right-of-way on NW 1st Avenue between NW 5th Street and NW 6th Street; a generalized address is 501 NW 1st Avenue, Fort Lauderdale, FL 33311. The Project also encompasses the roads and right-of-way on N. Andrews Avenue between NW 5th Street and N. Flagler Drive; a generalized address is 600 N. Andrews Avenue, Fort Lauderdale, FL 33304. The Project total area is approximately 4 acres, which includes the roads and right-of-way. The existing project area consists of roads, sidewalks, and parking. The Project proposes modifications to the area to improve walkability, water quality, water quantity, and to address tidal and storm flooding which is currently damaging private property. This project would advance the District’s Strategic plan by reducing nutrient loading and by providing water quality treatment by means of swales and dry retention areas.

Project Description and Timeline (include water body and/or watershed): This project proposes the improvement of the drainage system by the use of BMPs such as swales, retention areas, pollution retardant

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

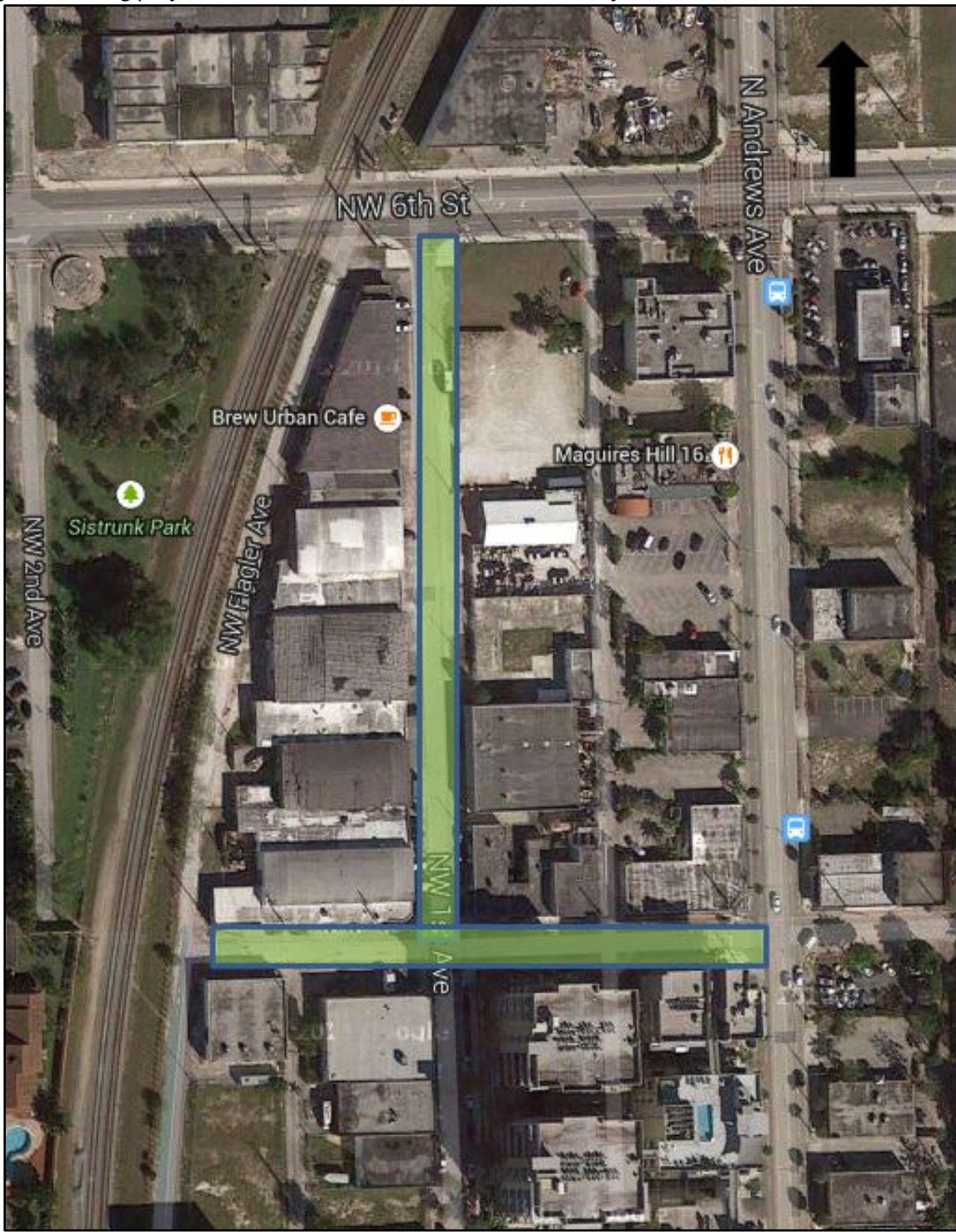
baffles, a new tidal valves, and exfiltration trench. The total stormwater runoff, which currently discharges into the Middle River without any type of treatment, will be reduced and water quality will be improved. The Middle River is currently impaired for Coliforms, Nutrients and Dissolved Oxygen. It is estimated that design and construction will occur in FY2015.

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: The nutrients currently discharging into the Middle River will be reduced, water quality will be improved and local flooding will be eradicated.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: [Click here to enter text.](#)

If no, anticipated date: August 2015

If applicable, list all relevant permits, including status, required to start or continue construction:
Broward County Surface Water License General Permit

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: N/A

Please list all agreements, easements, etc. required for project implementation: N/A

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|-----------|------------------|-----------------|----------------------|
| Project Phase (e.g. Phase 1/I) | Design | Construction | | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Design | Construction/CEI | N/A | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$110,000 | \$990,000 | \$ | \$1,100,000 |
| Percentage (%) of Total Cost | 10% | 90% | | 100% |
| Planning/design/engineering Cost (\$) | \$110,000 | \$ | \$ | \$110,000 |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

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| | |
|--|--|
| Project Name: Soccer/lacrosse Athletic Fields (City's Project # 12060) | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Luisa Fernanda Arbeláez |
| Address: 2201 NW 9th Avenue | City/Zip: Fort Lauderdale, 33301 |
| Telephone: 954-828-5651 | E-mail: llabelaez@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 3,000,000 | Total Project Cost, if multi-year project: \$ 4,000,000 |
| FY2016 Funding Request: \$ 925,000 | Local Match: \$ 925,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: | |
| <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? | |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: C-13 East (Middle River Canal) is currently impaired for Chlorophyll-A, Fecal Coliform, and Mercury in Fish Tissue | |
| | |
| Is this a multi-year project: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | |
| | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: N/A | |
| | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District's Strategic Plan, and if applicable, the Big Cypress Basin's Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The proposed improvements will provide reduced nutrient loading or stormwater areas around three (3) athletic fields (approximately 5 acres) which are proposed for improvements as soccer/lacrosse fields at Mills Pond Park, located at 2201 NW 9th Avenue in the City of Fort Lauderdale, FL. This project would include installing either synthetic (artificial) turf or natural grass athletic fields, with LID stormwater and re-use irrigation systems.

Project Description and Timeline (include water body and/or watershed): The Project proposes modifications to approximately 5 acres that will improve water quality and water quantity following Best Management Practices. This project would advance the District's Strategic plan by reducing nutrient loading and by providing water quality treatment by means of swales and dry retention areas within the Mills Pond Park. The total stormwater runoff, which currently discharges into the C-13 East (Middle River Canal) without any type of treatment, will be reduced and water quality will be improved. The C-13 East (Middle River Canal) is currently impaired for Chlorophyll-A, Fecal Coliform, and Mercury in Fish Tissue. Irrigation water from FY2016 Cooperative Funding Program

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

the proposed fields and surface water captured during heavy rainfalls are proposed to be stored, re-filtered and re-used onsite. The irrigation system will incorporate rain sensors and automatic shutoff valves for increased water conservation. This project would advance the District’s Strategic plan by reducing nutrient loading and by providing water quality treatment by means of swales and dry retention areas. The design will be completed in 2015 and it is to be constructed in FY2016.

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The TMDL currently discharging into the intercostal will be reduced and water quality will be improved. Additionally, the practices of onsite storage, re-filtering and re-use of water will be part of the ongoing effort of water conservation. The proposed site will create a unique, inviting place that highlights the goals of water conservation and nutrient reduction. This project is part of the City’s ongoing effort to provide more recreational opportunities which also decrease localized flooding while improving the overall environmental impact caused by development of the natural habitat.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget. The allocated budget to design and construct the athletic fields is provided through the City’s Park Impact Fees.

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: N/A

If no, anticipated date: September 2015

If applicable, list all relevant permits, including status, required to start or continue construction:
Environmental Resource Permit SFWMD, Broward County License

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: N/A

Please list all agreements, easements, etc. required for project implementation: Broward County lease agreement renewal of Lake Laderdale, Joint Park site know known as Mills Pond Park, extended to 5.21.25

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|------------|--------------------|-----------------|----------------------|
| Project Phase (e.g. Phase 1/I) | | | | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Design | Construction / CEI | | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$250,000, | \$1,850,000 | \$ | \$2,100,000 |
| Percentage (%) of Total Cost | 12% | 88% | | 100% |
| Planning/design/engineering Cost (\$) | \$250,000 | \$107,000 | \$ | \$2,100,000 |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

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| | |
|---|--|
| Project Name: 1000 NE 17th Way Stormwater Improvements (City's Project # 12035) | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Luisa Fernanda Arbeláez |
| Address: 1000 NE 17th Way | City/Zip: Fort Lauderdale, 33304 |
| Telephone: 954-828-5651 | E-mail: llabelaez@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 300,000 | Total Project Cost, if multi-year project: \$ N/A |
| FY2016 Funding Request: \$ 150,000 | Local Match: \$ 150,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: Middle River currently impaired for Coliforms, Nutrients and Dissolved Oxygen | |
| Is this a multi-year project: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: N/A | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District's Strategic Plan, and if applicable, the Big Cypress Basin's Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The 1000 NE 17th Way Stormwater Improvements Project is located in the City of Fort Lauderdale. The Project encompasses the stormwater infrastructure on the roads and rights-of-way on NE 17th Way. The general project address/location is 1000 NE 17th Way, Fort Lauderdale, FL 33304. The Project total area is approximately 2 acres, which includes the roads and City right-of-way. The existing project area consists of roads, sidewalks, and parking. The Project proposes modifications to the area to improve walkability, water quality, water quantity, and to address storm flooding which is currently damaging private property. This project would advance the District's Strategic plan by reducing nutrient loading to the surrounding waterways and the groundwater table by providing water quality treatment by means of swales and dry retention areas.

Project Description and Timeline (include water body and/or watershed): This project proposes the improvement of the existing drainage systems by the use of BMPs such as swales, retention areas, pollution retardant baffles, and exfiltration trenches. The total stormwater runoff currently discharges into The Middle
 FY2016 Cooperative Funding Program

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

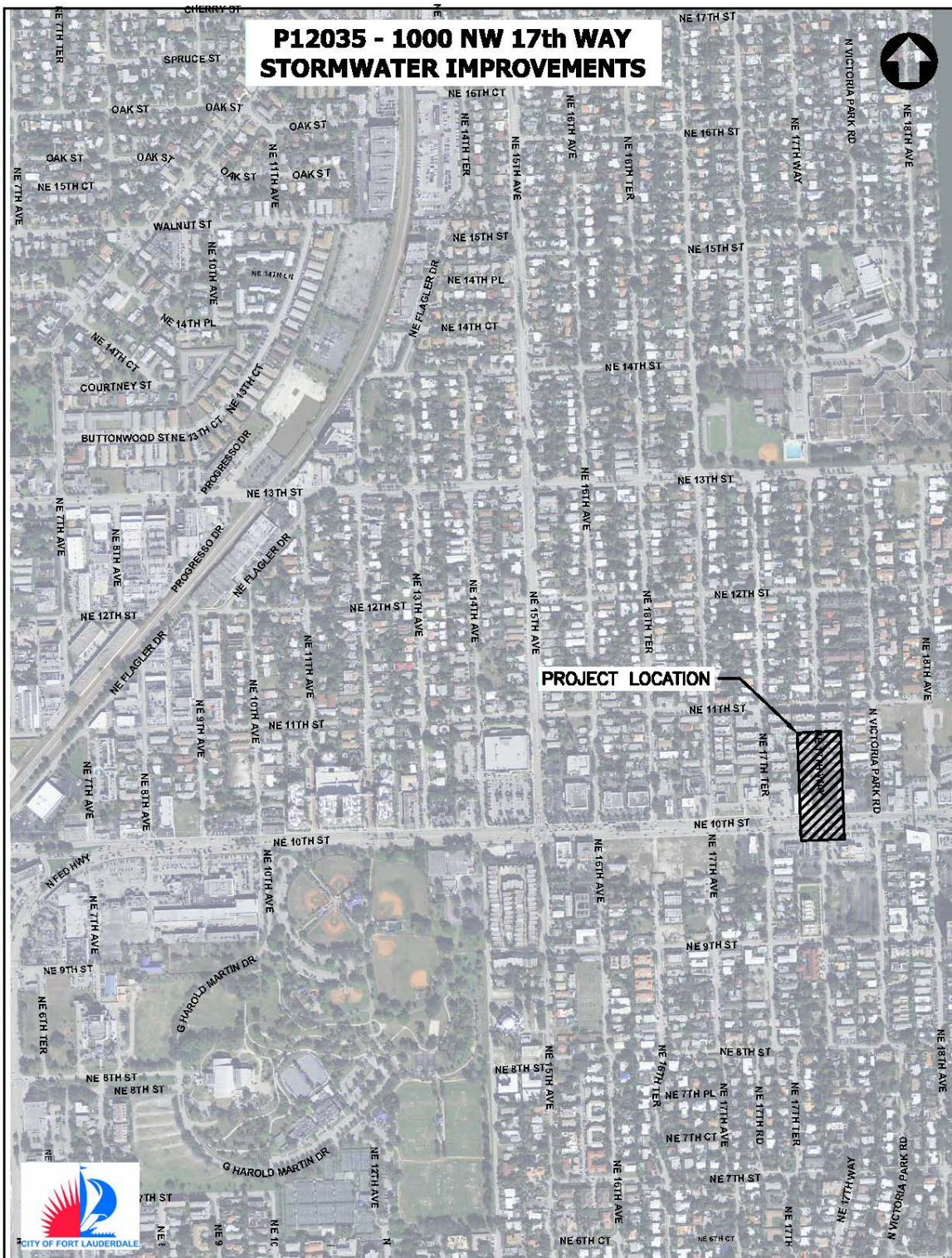
River without any type of treatment. The Middle river is impaired for Coliforms, Nutrients and Dissolved Oxygen. Water quality will be improved with the proposed stormwater improvements. The design will be completed in 2015 and construction will occur in FY2016.

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: The TMDL currently discharging into the Middle River will be reduced. Water quality will be improved and local area flooding will be mitigated.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: N/A

If no, anticipated date: June 2015

If applicable, list all relevant permits, including status, required to start or continue construction:
Broward County General Permit

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: N/A

Please list all agreements, easements, etc. required for project implementation: N/A

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|-------------|-------------------|------------------------|----------------------|
| Project Phase (e.g. Phase 1/I) | \$51,000 | 249,000 | Enter value. | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Design | Construction/ CEI | Enter text. | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$51,000 | \$249,000 | \$Enter value. | \$300,000 |
| Percentage (%) of Total Cost | 17% | 83% | Enter value. | 100% |
| Planning/design/engineering Cost (\$) | \$51,000 | \$51,000 | \$Enter value. | \$102,000 |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

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|---|--|
| Project Name: George T Lohmeyer (GTL) Wastewater Treatment plant (City's Project # 12106) | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Daniel Rey |
| Address: 1801 Eisenhower Blvd | City/Zip: Fort Lauderdale, 33316 |
| Telephone: 954-828-7150 | E-mail: drey@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 720,000 | Total Project Cost, if multi-year project: \$ N/A |
| FY2016 Funding Request: \$ 360,000 | Local Match: \$ 360,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: | |
| <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? | |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: N/A | |
| Is this a multi-year project: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: N/A | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District's Strategic Plan, and if applicable, the Big Cypress Basin's Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The George T Lohmeyer (GTL) Wastewater Treatment Plant Stormwater Improvements project is located in the City of Fort Lauderdale at 1801 Eisenhower Blvd, Fort Lauderdale, FL 33316. The Project's total area is approximately 10 acres, which includes the stormwater infrastructure on the roads and right-of-way to the north of the property. The existing project area consists of buildings, some small green areas, and parking. The Project proposes modifications to the existing drainage system, which will improve water quality, water quantity, and will address storm flooding, which is currently damaging properties to the north of SE 18th St. This project would advance the District's Strategic plan by reducing nutrient loading to the surrounding waterways and the groundwater table by providing water quality treatment by means of swales, dry retention areas and drainage wells.

Project Description and Timeline (include water body and/or watershed): This project proposes an improvement of the existing drainage systems by the use of BMPs such as swales, retention areas, pollution retardant baffles, drainage wells, and exfiltration trenches. The total stormwater runoff currently discharges

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

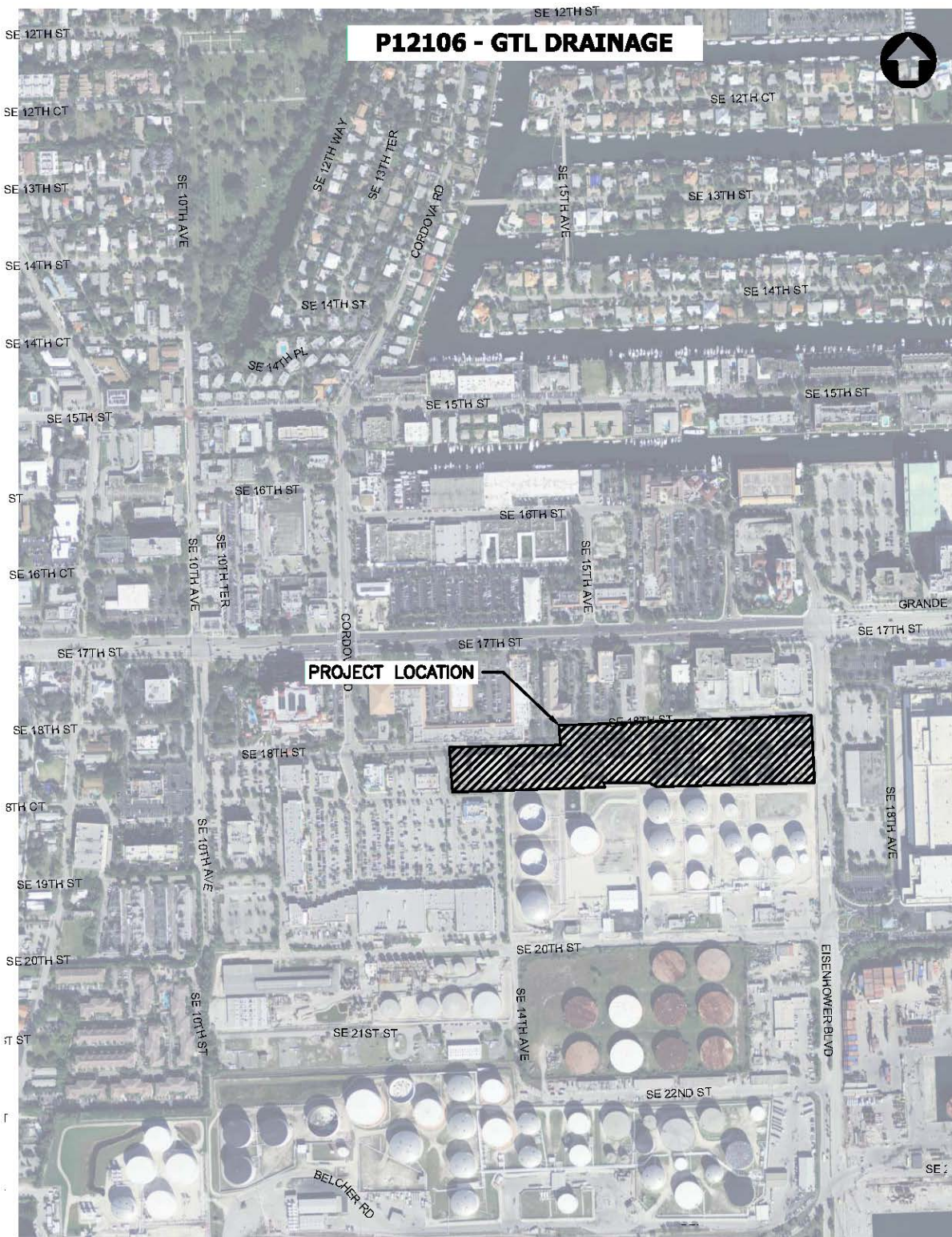
into the intercostal without any type of treatment. This project's planning phase started in June of 2014, design will be completed in 2015 and construction in FY2016.

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: The TMDL currently discharging into the intercostal will be reduced. Water quality will be improved and local flooding will be mitigated. The stormwater runoff will be maintained onsite to the fullest extent possible.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: N/A

If no, anticipated date: April 2015

If applicable, list all relevant permits, including status, required to start or continue construction:
Broward County General Permit

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: N/A

Please list all agreements, easements, etc. required for project implementation: N/A

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|-------------|-------------------|------------------------|----------------------|
| Project Phase (e.g. Phase 1/I) | \$17,000 | \$83,000 | 0 | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Design | CEI, Construction | | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$17,000 | \$83,000 | \$ | \$100,000 |
| Percentage (%) of Total Cost | 17% | 83% | | 100% |
| Planning/design/engineering Cost (\$) | \$17,000 | \$17,000 | \$ | \$34,000 |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

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| | |
|---|--|
| Project Name: 2625 NE 11th Court Stormwater Improvements (City's Project # 12019) | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Luisa Fernanda Arbeláez |
| Address: 2625 NE 11th Court | City/Zip: Fort Lauderdale, 33304 |
| Telephone: 954-828-5651 | E-mail: llabelaez@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 400,000 | Total Project Cost, if multi-year project: \$ N/A |
| FY2016 Funding Request: \$ 200,000 | Local Match: \$ 200,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: | |
| <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? | |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: Middle River currently impaired for Coliforms, Nutrients and Dissolved Oxygen | |
| Is this a multi-year project: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: N/A | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District's Strategic Plan, and if applicable, the Big Cypress Basin's Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The 2625 NE 11th Court Stormwater Improvements Project is located in the City of Fort Lauderdale. The Project encompasses the stormwater infrastructure of the roads and city's right-of-way on NE 11th Court. A generalized address is 2625 NE 11th Court Fort Lauderdale, FL 33304. The Project total area is approximately 2 acres, which includes the roads and City right-of-way. The existing project area consists of roads, sidewalks, and parking. The Project proposes modifications to the area to improve walkability, water quality, water quantity, and to address storm flooding which is currently damaging private property. This project would advance the District's Strategic plan by reducing nutrient loading to the surrounding waterways and the groundwater table by providing water quality treatment by means of swales and dry retention areas.

Project Description and Timeline (include water body and/or watershed): This project proposes the improvement of the drainage system by the use of BMPs such as swales, retention areas, pollution retardant baffles, new tidal valves, and exfiltration trench. The total stormwater runoff, which currently discharges into

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

the Middle River without any type of treatment, will be reduced and water quality will be improved. The Middle River is currently impaired for Coliforms, Nutrients and Dissolved Oxygen. Design will be completed in 2015 and construction in FY2016.

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: The TMDL currently discharging into the Middle River will be reduced. Water quality will be improved and local flooding will be mitigated. The stormwater runoff will be maintained onsite to the fullest extent possible.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: N/A

If no, anticipated date: July 2015

If applicable, list all relevant permits, including status, required to start or continue construction:
Broward County General Permit

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: N/A

Please list all agreements, easements, etc. required for project implementation: N/A

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|----------|------------------|-----------------|----------------------|
| Project Phase (e.g. Phase 1/I) | \$68,000 | \$332,000 | | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Design | Construction/CEI | | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$68,000 | \$332,000 | \$ | \$400,000 |
| Percentage (%) of Total Cost | 17% | 87% | | 100% |
| Planning/design/engineering Cost (\$) | \$68,000 | \$332,000 | \$ | \$400,000 |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

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| | |
|---|--|
| Project Name: 3605 SW 13th Court Stormwater Improvements (City's Project # 12036) | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Daniel Rey |
| Address: 3605 SW 13th Court | City/Zip: Fort Lauderdale, 33312 |
| Telephone: 954-828-7150 | E-mail: drey@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 400,000 | Total Project Cost, if multi-year project: \$ N/A |
| FY2016 Funding Request: \$ 200,000 | Local Match: \$ 200,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: | |
| <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? | |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: N/A | |
| Is this a multi-year project: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: N/A | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District's Strategic Plan, and if applicable, the Big Cypress Basin's Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The 3605 SW 13th Court Stormwater Improvements Project is located in the City of Fort Lauderdale. The Project encompasses the stormwater infrastructure on the roads and right-of-way SW 13th Ct and SW 36th avenue. A generalized address is 3605 SW 13th Court Fort Lauderdale, FL 33312. The Project total area is approximately 2 acres, which includes the roads and right-of-way. The existing project area consists of roads, sidewalks, and small green areas. The Project proposes modifications to the area to improve walkability, water quality, water quantity, and to address storm flooding which is currently damaging private property. This project would advance the District's Strategic plan by reducing nutrient loading and by providing water quality treatment by means of swales and dry retention areas.

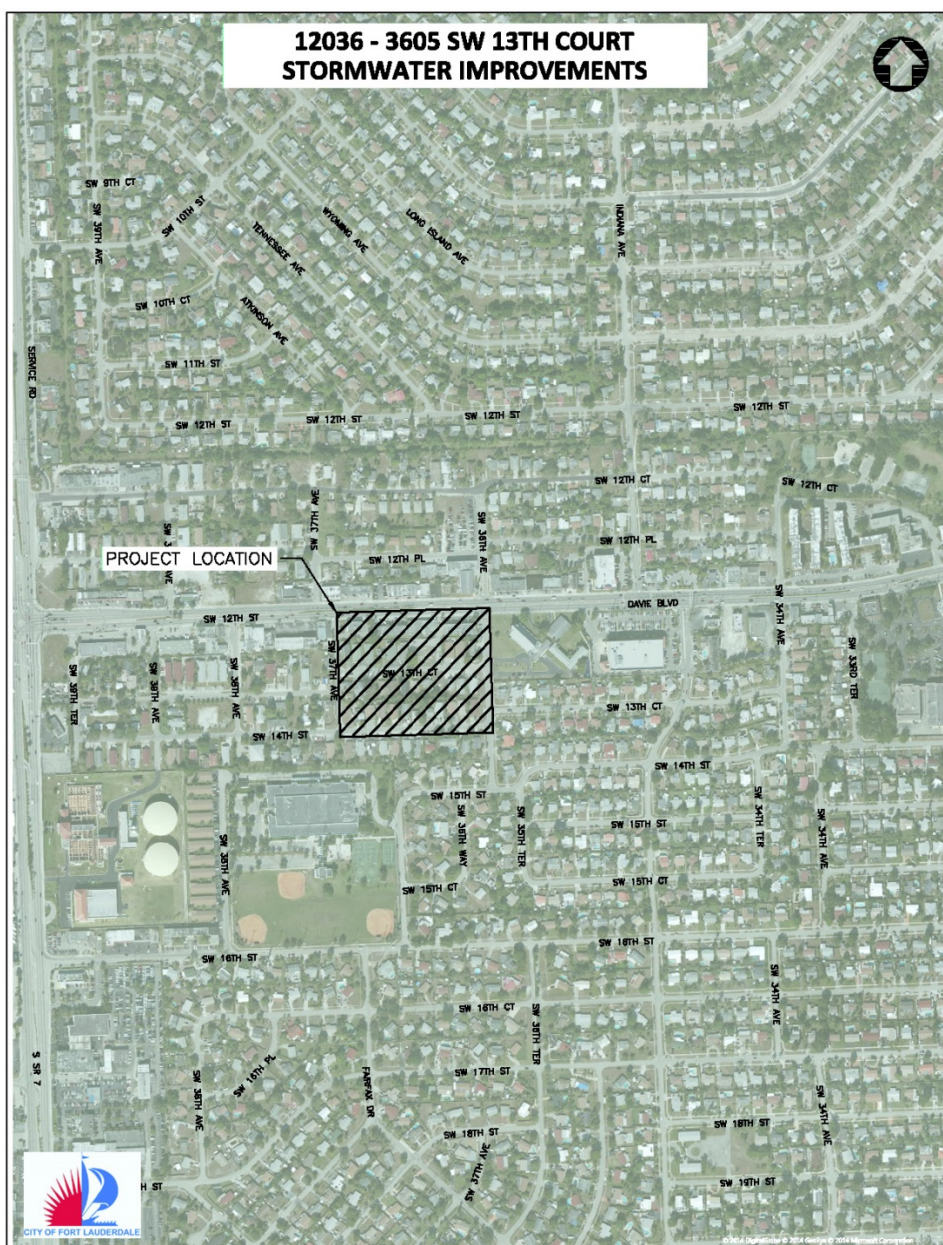
Project Description and Timeline (include water body and/or watershed): This project proposes the improvement of the drainage system by the use of BMPs such as swales, retention areas, and exfiltration trenches. The total stormwater runoff currently sheet flows into private properties without any treatment. This project's planning stage started on June 2014, design will be completed in 2015 and construction in FY2016.

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: Water quality will be improved and local flooding will be mitigated.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: N/A

If no, anticipated date: October 2015

If applicable, list all relevant permits, including status, required to start or continue construction:
Broward County General Permit

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: N/A

Please list all agreements, easements, etc. required for project implementation: N/A

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|-----------------------------|------------------|-----------------|----------------------|
| Project Phase (e.g. Phase 1/I) | \$68,000 | \$332,000 | | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Design 100% Permitted Plans | Construction/CEI | | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$68,000 | \$332,000 | \$ | \$400,000 |
| Percentage (%) of Total Cost | 17% | 83% | | 100% |
| Planning/design/engineering Cost (\$) | \$68,000 | \$68,000 | \$ | \$136,000 |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

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| | |
|---|--|
| Project Name: 915 NE 3rd Avenue Stormwater Improvements (City's Project # 12064) | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Daniel Rey |
| Address: 915 NE 3rd Avenue | City/Zip: Fort Lauderdale, 33304 |
| Telephone: 954-828-7150 | E-mail: drey@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 700,000 | Total Project Cost, if multi-year project: \$ N/A |
| FY2016 Funding Request: \$ 350,000 | Local Match: \$ 350,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: | |
| <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? | |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: N/A | |
| Is this a multi-year project: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: N/A | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District's Strategic Plan, and if applicable, the Big Cypress Basin's Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The 915 NE 3rd Avenue Stormwater Improvements Project is located in the City of Fort Lauderdale in the local downtown area. The Project encompasses the stormwater infrastructure of the roads and right-of-way on NW 9th Street, NW 3rd Avenue, NW 4th Avenue. A generalized address is 915 NW 3rd Ave Fort Lauderdale. The Project total area is approximately 4 acres, which includes the roads and right-of-way. The existing project area consists of roads, sidewalks, and parking. The Project proposes modifications to the area to improve walkability, water quality, water quantity, and address local flooding. This project would advance the District's Strategic plan by reducing nutrient loading and by providing water quality treatment by means of swales and dry retention areas.

Project Description and Timeline (include water body and/or watershed): This project proposes the improvement of the drainage system by the use of BMPs such as swales, retention areas, pollution retardant baffles and exfiltration trench. The total stormwater runoff currently sheet flows into private properties without any treatment. The proposed design will improve water quality. This project's planning stage started on June 2014, construction will be completed in FY2016.

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: Water quality will be improved and local flooding will be mitigated.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: N/A

If no, anticipated date: February 2016

If applicable, list all relevant permits, including status, required to start or continue construction:
Broward County General License

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: N/A

Please list all agreements, easements, etc. required for project implementation: N/A

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|-----------|-------------------------|-----------------|----------------------|
| Project Phase (e.g. Phase 1/I) | \$119,000 | \$581,000 | | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Design | Design/Construction/CEI | | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$119,00 | \$581,000 | \$ | \$700,000 |
| Percentage (%) of Total Cost | 17% | 83% | | 100% |
| Planning/design/engineering Cost (\$) | \$119,000 | \$119,000 | \$ | \$238,000 |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

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| | |
|---|--|
| Project Name: 777 Bayshore Dr Stormwater Improvements (City's Project # 12065) | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Daniel Rey |
| Address: 777 Bayshore dr | City/Zip: Fort Lauderdale, 33304 |
| Telephone: 954-828-7150 | E-mail: drey@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 900,000 | Total Project Cost, if multi-year project: \$ N/A |
| FY2016 Funding Request: \$ 450,000 | Local Match: \$ 450,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: | |
| <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? | |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: N/A | |
| Is this a multi-year project: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: N/A | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District's Strategic Plan, and if applicable, the Big Cypress Basin's Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The 777 Bayshore Drive Stormwater Improvements Project is located in the city of Fort Lauderdale. The Project encompasses the roads and right-of-way on Bayshore drive, Vistamar Street, Terramar Street. A generalized address is 777 Bayshore Dr Fort Lauderdale, FL 33304. The Project total area is approximately 10 acres, which includes the roads and right-of-way. The existing project area consists of roads, sidewalks, and parking. The Project proposes modifications to the area to improve walkability, water quality, water quantity, and to address tidal and storm flooding which is currently damaging private property. This project would advance the District's Strategic plan by reducing nutrient loading and by providing water quality treatment by means of swales and dry retention areas.

Project Description and Timeline (include water body and/or watershed): This project proposes the improvement of the drainage system by the use of BMPs such as swales, retention areas, pollution retardant baffles, new tidal valves, and exfiltration trench. The total stormwater runoff currently discharges into the intercostal without any type of treatment. This project's planning stage started on June 2014; it is to be designed in 2015 and constructed in September 2016.

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: The TMDL currently discharging into the intercostal will be reduced. Water quality will be improved and local flooding will be mitigated.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: N/A

If no, anticipated date: April 2015

If applicable, list all relevant permits, including status, required to start or continue construction:
Broward County General Permit

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: N/A

Please list all agreements, easements, etc. required for project implementation: N/A

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|-----------|------------------|-----------------|----------------------|
| Project Phase (e.g. Phase 1/I) | \$153,000 | Enter value. | | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Design | Construction/CEI | | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$153,000 | \$747,000 | \$ | \$900,000 |
| Percentage (%) of Total Cost | 17% | 83% | | 100% |
| Planning/design/engineering Cost (\$) | \$153,000 | \$153,000 | \$ | \$306,000 |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

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| | |
|---|---|
| Project Name: P12112 - Del Mar Stormwater Improvements | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Daniel Rey |
| Address: 2301 Delmar Drive Fort | City/Zip: Fort Lauderdale, 33301 |
| Telephone: 954-828-7150 | E-mail: drey@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 100,000 | Total Project Cost, if multi-year project: \$ <small>Enter text.</small> |
| FY2016 Funding Request: \$ 50,000 | Local Match: \$ 50,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: | |
| <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? | |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: <small>Click here to enter text.</small> | |
| | |
| Is this a multi-year project: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: <small>Click here to enter text.</small> | |
| | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District’s Strategic Plan, and if applicable, the Big Cypress Basin’s Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The Del Mar Stormwater Improvements Project is located in the city of Fort Lauderdale. The Project encompasses the stormwater infrastructure on the roads and right-of-way Seven Isles Drive and SE 2nd St. A generalized address is 2301 Delmar Drive Fort Lauderdale, FL 33301. The Project total area is approximately 0.5 acres, which includes the roads and right-of-way. The existing project area consists of roads, sidewalks and some green areas. The Project proposes modifications to the area to improve walkability, water quality, water quantity, and to address tidal and storm flooding which is currently damaging private property. This project would advance the District’s Strategic plan by reducing nutrient loading and by providing water quality treatment by means of swales, dry retention areas and exfiltration trenches

Project Description and Timeline (include water body and/or watershed): This project proposes the improvement of the drainage system by the use of BMPs such as swales, retention areas, pollution retardant baffles, a new tidal valve, and exfiltration trench. The total stormwater

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

runoff currently discharges into the intercostal without any type of treatment. This project's planning stage started on June 2014 and it is estimated to be constructed by September 2016.

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: The TMDL currently discharging into the intercostal will be reduced Water quality will be improved Local flooding will be mitigated.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: [Click here to enter text.](#)

If no, anticipated date: April 2016

If applicable, list all relevant permits, including status, required to start or continue construction:
Broward County General Permit

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: [Click here to enter text.](#)

Please list all agreements, easements, etc. required for project implementation: [Click here to enter text.](#)

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|----------|-------------------|-----------------|----------------------|
| Project Phase (e.g. Phase 1/I) | Phase 1 | Phase 2 | Enter value. | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Design | CEI, Construction | Enter text. | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$17,000 | \$83,600 | \$Enter value. | \$100,000 |
| Percentage (%) of Total Cost | 17% | 83% | Enter value. | 100% |
| Planning/design/engineering Cost (\$) | \$17,000 | \$0 | \$Enter value. | \$Enter value. |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

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| | |
|---|---|
| Project Name: P12063 - 3301 NE 16th St Stormwater Improvements | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Daniel Rey |
| Address: 3301 NW 16th St | City/Zip: Fort Lauderdale, 33304 |
| Telephone: 954-828-7150 | E-mail: drey@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 300,000 | Total Project Cost, if multi-year project: \$ <small>Enter text.</small> |
| FY2016 Funding Request: \$ 150,000 | Local Match: \$ 150,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: | |
| <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? | |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: <small>Click here to enter text.</small> | |
| | |
| Is this a multi-year project: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: <small>Click here to enter text.</small> | |
| | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District’s Strategic Plan, and if applicable, the Big Cypress Basin’s Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The 3301 NE 16th St Stormwater Improvements project is located in the city of Fort Lauderdale. The Project encompasses the stormwater infrastructure on the roads and right-of-way on NE 16th Street. A generalized address is 3305 NE 16th Street Fort Lauderdale, FL 33304. The Project total area is approximately 0.5 acres, which includes the roads and right-of-way. The existing project area consists of roads and sidewalks. The Project proposes modifications to the area to improve water quality, water quantity, and to address tidal and storm flooding which is currently damaging private property. This project would advance the District’s Strategic plan by reducing nutrient loading and by providing water quality treatment by means of exfiltration trench.

Project Description and Timeline (include water body and/or watershed): This project proposes the improvement of the drainage system by the use of BMPs such as swales, retention areas, pollution retardant baffles, a new tidal valve, and exfiltration trench. The total stormwater

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

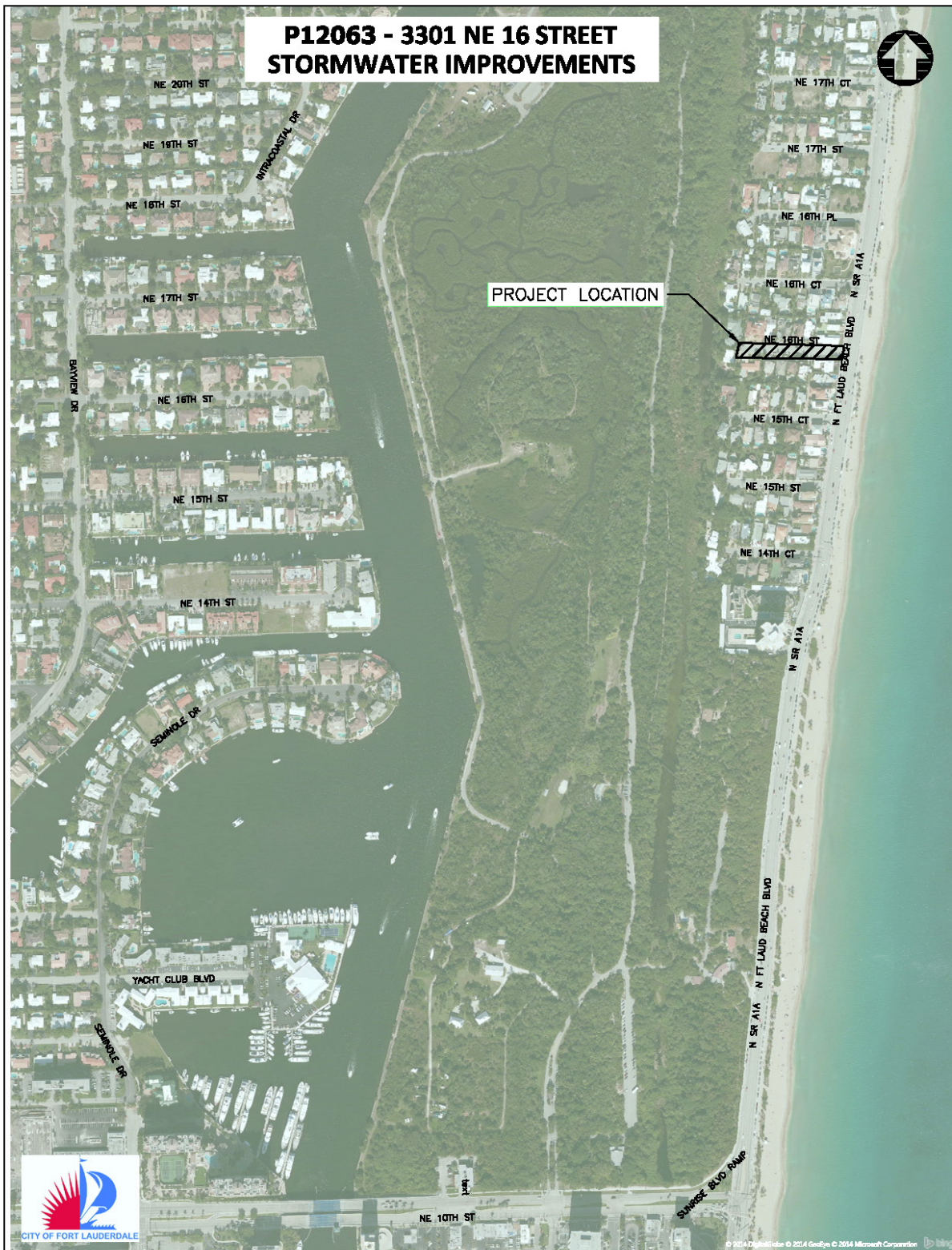
runoff currently discharges into the intercostal without any type of treatment. This project's planning stage started on June 2014 and it is estimated to be constructed by September 2016.

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: The TMDL currently discharging into the intercostal will be reduced Water quality will be improved Local flooding will be mitigated.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: [Click here to enter text.](#)

If no, anticipated date: April 2016

If applicable, list all relevant permits, including status, required to start or continue construction:
Broward County General Permit

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: [Click here to enter text.](#)

Please list all agreements, easements, etc. required for project implementation: [Click here to enter text.](#)

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|-----------|-------------------|-----------------|----------------------|
| Project Phase (e.g. Phase 1/I) | \$600,000 | \$600,000 | | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Design | CEI, Construction | | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$600,000 | \$600,000 | \$ | \$1,200,000 |
| Percentage (%) of Total Cost | 50% | 50% | | 100% |
| Planning/design/engineering Cost (\$) | \$540,000 | \$540,000 | \$ | \$1,008,000 |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

Please note that applicants must use this form and applications are limited to three pages plus one additional page for a project location map. The South Florida Water Management District must receive all Applications by November 21, 2014 at 3:00 p.m. Applications can be uploaded starting on November 3, 2014 at <http://www.sfwmd.gov/coopfunding> or submitted via regular mail or hand delivery to Karen Hargray at SFWMD, 3301 Gun Club Road, West Palm Beach, FL 33406.

| | |
|---|---|
| Project Name: P12030 – SE 6th, 7th Street, US1 and SE 3rd Ave Stormwater Improvements | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Daniel Rey |
| Address: 3301 NW 16th St | City/Zip: Fort Lauderdale, 33304 |
| Telephone: 954-828-7150 | E-mail: drey@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 800,000 | Total Project Cost, if multi-year project: \$ <small>Enter text.</small> |
| FY2016 Funding Request: \$ 400,000 | Local Match: \$ 400,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: | |
| <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? | |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: <small>Click here to enter text.</small> | |
| | |
| Is this a multi-year project: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: <small>Click here to enter text.</small> | |
| | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District’s Strategic Plan, and if applicable, the Big Cypress Basin’s Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The SE 6th and 7th Street from US-1 to SE 3rd Avenue Stormwater Improvements project is located in the City of Fort Lauderdale. The Project encompasses the stormwater infrastructure of the roads and right-of-way on SE 6th Street, SE 7th Street, US-1 and SE 3rd Avenue. A generalized address is 600 SE 3rd Ave, Fort Lauderdale, FL 33301. The Project total area is approximately 4 acres, The Project encompasses the stormwater infrastructure on the roads and right-of-way. The existing project area consists of roads, sidewalks, and parking. The Project proposes modifications to the area to improve walkability, water quality, water quantity, and address local flooding. This project would advance the District’s Strategic plan by reducing nutrient loading and by providing water quality treatment by means of swales and dry retention areas.

Project Description and Timeline (include water body and/or watershed): This project proposes the improvement of the drainage system by the use of BMPs such as swales, retention areas, and exfiltration trench. The total stormwater runoff currently sheet flows into private property

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

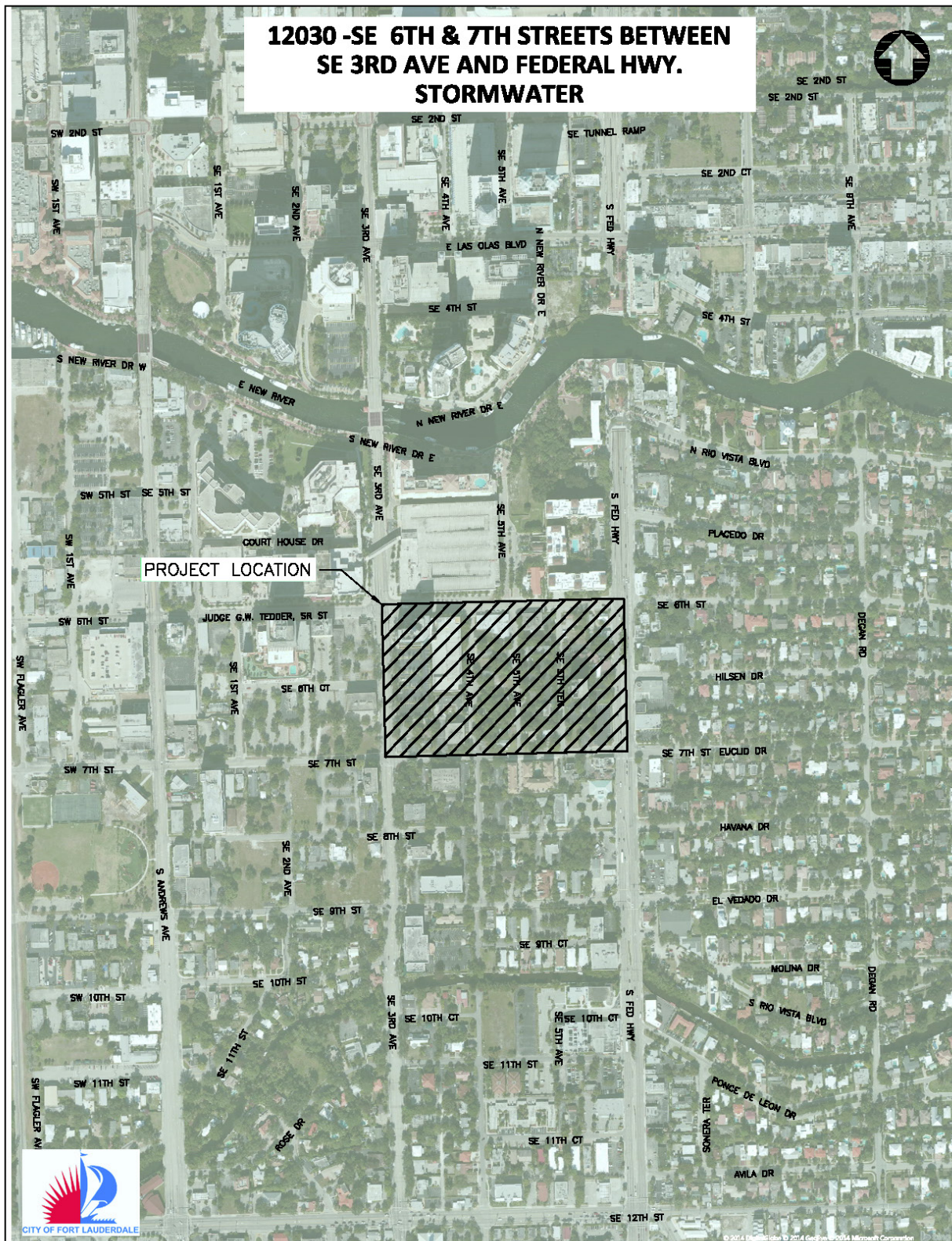
without any type of treatment. This project's planning stage started on June 2014 and it is estimated to be constructed by September 2016.

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: The TMDL currently discharging into the water table will be reduced, and water quality will be improved Local flooding will be mitigated.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: [Click here to enter text.](#)

If no, anticipated date: April 2016

If applicable, list all relevant permits, including status, required to start or continue construction:
Broward County General Permit

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: [Click here to enter text.](#)

Please list all agreements, easements, etc. required for project implementation: [Click here to enter text.](#)

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|-----------|-------------------|-----------------|----------------------|
| Project Phase (e.g. Phase 1/I) | \$136,000 | Phase 2 | | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | Design | CEI, Construction | | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$136,000 | \$664,000 | \$ | \$800,000 |
| Percentage (%) of Total Cost | 17% | 83% | | 100% |
| Planning/design/engineering Cost (\$) | \$136,000 | \$136,000 | \$ | \$272,000 |

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

Please note that applicants must use this form and applications are limited to three pages plus one additional page for a project location map. The South Florida Water Management District must receive all Applications by November 21, 2014 at 3:00 p.m. Applications can be uploaded starting on November 3, 2014 at <http://www.sfwmd.gov/coopfunding> or submitted via regular mail or hand delivery to Karen Hargray at SFWMD, 3301 Gun Club Road, West Palm Beach, FL 33406.

| | |
|---|--|
| Project Name: City of Fort Lauderdale Stormwater Tidal Stations | |
| Applicant: City of Fort Lauderdale | Applicant Representative: Annalise Mannix |
| Address: 100 North Andrews Ave | City/Zip: Fort Lauderdale, 33304 |
| Telephone: 954-828-7150 | E-mail: amannix@fortlauderdale.gov |
| Total FY2016 Project Cost: \$ 120,000 | Total Project Cost, if multi-year project: \$ N/A |
| FY2016 Funding Request: \$ 60,000 | Local Match: \$ 60,000 |
| County: Broward County | |
| Stormwater, Flood Control and Ecosystem Restoration Project Type: | |
| <input checked="" type="checkbox"/> Stormwater <input checked="" type="checkbox"/> Flood Control <input type="checkbox"/> Ecosystem Restoration | |
| Will this project reduce pollutant loadings to a District designated priority surface water body? | |
| Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, indicate the water body: N/A | |
| Is this a multi-year project: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | |
| Are there any other agencies contributing funding to this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| If yes, please list agency and funding amount: N/A | |
| Is the Applicant a REDI Community? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |

PROJECT SUMMARY

Provide information that describes the project and tasks that will be completed in FY2016 with requested funds, including how this project advances the District’s Strategic Plan, and if applicable, the Big Cypress Basin’s Strategic Plan. Please indicate if this project is included in a local government comprehensive plan, watershed management plan or some other adopted plan or study (e.g., is there a documented need for this project?). The project goal is to install tidal stations in canals to which the SFWMD releases water. The tidal station data will be transmitted to treatment plant equipment via telemetry or other equipment. The data will be used to inform modeling inputs for the citywide stormwater hydraulic modeling and risk analysis tool. This data will be shared with other agencies to assist in better short and long range planning

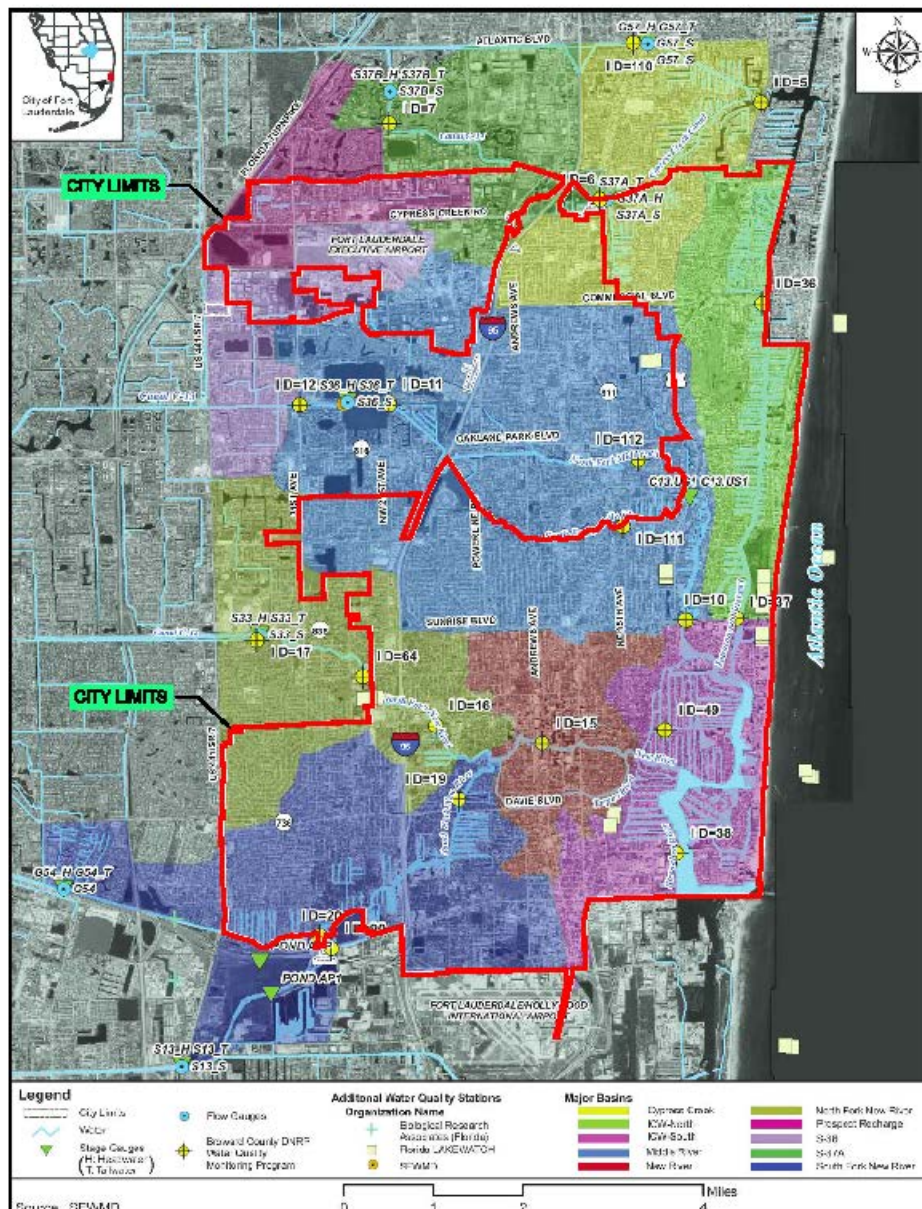
Project Description and Timeline (include water body and/or watershed): This project seeks to improve modeling of canals and stormwater systems associated with stormwater infrastructure. It will ultimately assist in selecting the appropriate BMP’s, low impact and standard drainage infrastructure, such as swales, retention areas, pollution retardant baffles and exfiltration trench. This project will be designed and installed in FY 2016.

**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

Outcome and Benefits (Describe the expected outcome and measurable environmental or resource benefits of this project. For example, please include nutrient reductions, acre-feet of storage, acres restored, etc.): The benefits for this project will include the following: Water levels inform proper stormwater infrastructure design, therefore the project will help improve quality and reduce local flooding.

Funding Commitment: Does the project have approval/funding from your Commission/Council/governing body? Yes. This project is a portion of the stormwater modeling survey (20150232) included in the City's Annual Action Plan (CAAP) and the 2015 Community Investment Plan (CIP) budget.

Location Map – Provide a project location map (e.g. aerial photograph) showing the location of the project including project boundaries in relation to the nearest major street or road intersection.



**FY2016 COOPERATIVE FUNDING PROGRAM
STORMWATER PROJECT APPLICATION PART 1**

READINESS TO BEGIN

Fiscal Year 2016 funding is for projects that will be implemented in FY2016 (10/1/2015 to 9/30/2016) and should be completed in approximately 12 to 18 months.

Has the project design been completed? Yes No N/A

If yes, date: N/A

If no, anticipated date: September 2016

If applicable, list all relevant permits, including status, required to start or continue construction:

Have all land purchases, agreements, right-of-ways and easements been executed?

Yes No N/A

If no, explain: N/A

Please list all agreements, easements, etc. required for project implementation: N/A

Table 1 – Multi-year Conceptual Project Cost Breakdown

| Fiscal Year (10/1 – 9/30) | FY15 | FY16 | FY17 and beyond | Project Total |
|--|------|-------------------------|-----------------|----------------------|
| Project Phase (e.g. Phase 1/I) | | | | Not applicable (N/A) |
| Major Deliverables (brief description of major tasks to be completed in FY) | | Design and Construction | | Not applicable (N/A) |
| Yearly Total Cost (\$) | \$ | \$120,000 | \$ | \$120,000 |
| Percentage (%) of Total Cost | | 100% | | 100 |
| Planning/design/engineering Cost (\$) | \$ | \$18,000 | \$ | \$18,000 |