

City of Ormond Beach - Engineering Division Capital Improvement Program Summary As of September 30, 2016

		Proposed Project Schedule				
Click Project Title to go to Project Detail Page	Project Manager	Design Begin Date	Design Completion Date	Bid Date	Construction Begin Date	Construction Completion Date
2016 Roadway Resurfacing	Alex Schumann	Complete	Complete	Complete	8/16	11/16
A1A Landscape Beautification	Paul MacDonald	Complete	10/16	TBD	TBD	TBD
A1A Mast Arm Installation	Shawn Finley	Deferred	Deferred	Deferred	Deferred	Deferred
CDBG Projects	Paul MacDonald	Complete	Complete	9/16	10/16	12/16
City Hall HVAC/Chiller Replacement - Pumps & Controls	John Noble	Complete	Complete	Complete	Complete	Complete
City Welcome Signs	Paul MacDonald	Complete	Complete	Complete	Complete	Complete
Communication Infrastructure Nova	Shawn Finley	Complete	Complete	N/A	Complete	Complete
Communication Infrastructure Remote Utilities	Shawn Finley	Complete	Complete	N/A	Complete	Complete
Corrugated Metal Pipe Rehabilitation 2015	Alex Blake	Complete	Complete	Complete	Complete	Complete
Corrugated Metal Pipe Rehabilitation 2016	Alex Blake	Complete	Complete	Complete	Complete	Complete
Downtown: Cassen Park Public Dock	John Noble	1/16	12/16	10/17	2/18	7/18
Downtown: Sidewalk Renovations	Paul MacDonald	Complete	Complete	TBD	TBD	TBD

Proposed Project Schedule

Click Project Title to go to Project Detail Page

	Project Manager	Design Begin Date	Design Completion Date	Bid Date	Construction Begin Date	Construction Completion Date
Downtown: Stormwater Improvements	Shawn Finley	Complete	Complete	Complete	4/16	11/16
Downtown: Stormwater Improvements Ph II	Shawn Finley	1/17	6/17	10/17	1/18	9/18
Environmental Discovery Center	John Noble	Complete	Complete	N/A	Complete	Complete
Fire Station 93 Exhaust System	Alex Blake	N/A	N/A	N/A	Complete	Complete
Fire Station 93 Roof Replacement	Alex Blake	Complete	Complete	Complete	Complete	Complete
Forest Hills Trail	Shawn Finley	3/16	11/16	2/17	3/17	7/17
Laurel Creek Stormwater Pump Station Improvements	John Noble	Complete	Complete	Complete	8/16	11/16
Laurel Creek Stream Gauge Stations	Shawn Finley	10/16	1/17	3/17	6/17	9/17
MLS Comminutor	John Noble	TBD	TBD	TBD	TBD	TBD
North Peninsula Water System Improvements	Shawn Finley	3/16	12/16	1/17	5/17	11/17
North US1 Sidewalk	Shawn Finley	Deferred	Deferred	Deferred	Deferred	Deferred
Nova Community Park - Multipurpose Trail Ph I	Paul MacDonald	Complete	Complete	Complete	Complete	Complete
OBSC Improvements-Lighting Soccer Fields 9 & 10	Paul MacDonald	Complete	Complete	10/16	1/17	4/17
OBSC Pavilion	Paul MacDonald	Complete	Complete	N/A	Complete	Complete
OBSC Traffic Calming	Alex Schumann	Complete	Complete	Complete	8/16	11/16

Proposed Project Schedule

Click Project Title to go to Project Detail Page

	Project Manager	Design Begin Date	Design Completion Date	Bid Date	Construction Begin Date	Construction Completion Date
Outfall Pipe Replacement	John Noble	1/16	7/16	8/16	11/16	3/17
Sanitary Sewer Inflow/Infiltration	Alex Schumann	Complete	Complete	10/16	1/17	9/17
SONC - Surveillance System	Paul MacDonald	Complete	Complete	Complete	11/16	2/17
South Peninsula Reclaimed Water Main Expansion	Shawn Finley	4/16	11/16	1/17	4/17	12/17
Street Light Maintenance	Paul MacDonald	Complete	Complete	10/16	1/17	3/17
US1 North Landscape Beautification	Paul MacDonald	Complete	Complete	Complete	Complete	Complete
Wastewater Sludge Thickener Upgrades	John Noble	Complete	Complete	Complete	Complete	Complete
Water Main Replacement Ph II - Mainland	Alex Schumann	Complete	Complete	Complete	7/15	11/16
Water Main Replacement Ph II - North Peninsula	Shawn Finley	Complete	Complete	Complete	Complete	Complete
Water Main Replacement Ph II - South Peninsula	Shawn Finley	Complete	Complete	Complete	Complete	Complete
Water Main Replacement Ph III - Mainland	Alex Schumann	3/16	12/16	1/17	5/17	11/17
Water Main Replacement Ph III - North Peninsula	Shawn Finley	3/16	11/16	1/17	4/17	10/17
Water Main Replacement Ph III - South Peninsula	Shawn Finley	3/16	11/16	1/17	4/17	10/17
Water Plant Lime Silo Dust Collector Replacement	Shawn Finley	Complete	Complete	Complete	10/16	3/17
Water Plant Pump & Controls Upgrades	Shawn Finley	Complete	Complete	Complete	10/16	3/17

Proposed Project Schedule

Click Project Title to go to Project Detail Page

	Project Manager	Design Begin Date	Design Completion Date	Bid Date	Construction Begin Date	Construction Completion Date
West Ormond Community Center	John Noble	1/16	8/16	N/A	N/A	N/A
Wilmette Avenue Pump Station	Shawn Finley	7/16	11/16	1/17	4/17	7/17
WTP Solids Handling Facility Upgrades	John Noble	2/16	1/17	2/17	5/17	11/17

City of Ormond Beach - Engineering Division

Capital Improvement Program Project Status Report As of September 30, 2016

Beautification

A1A Landscape Beautification

City Project Manager	Paul MacDonald	Contractor	TBD
Location	A1A - Granada Blvd to Harvard Drive	116060	
Description	Install landscape and irrigation within the raised medians and behind existing sidewalk in accordance with FDOT requirements and "Bold Design Standard".		
Justification	13/14 City Commission Goal to improve existing landscaping along A1A. Staff submitted/received an FDOT JPA for \$500,000 to fund the landscaping portion of the project.		
Status	The design work is 95% complete. Staff is working to resolve FDOT comments.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	TBD
Complete Design	10/16	Complete Construction	TBD
Bid Project	TBD		

Beautification

City Welcome Signs

City Project Manager	Paul MacDonald	Contractor	AM Weigel
Location	Corner of Granada and Williamson	301168	
Description	The SR 40 West entrance features a gateway with landscaping and irrigation based on a conceptual design by Zev Cohen. Future projects will be similar in design but modified to fit within budgetary constraints and will be located at U.S. Hwy 1 South, Nova Road South, and A1A North.		
Justification	During the 2008 Goals Workshop, the City Commission indicated their willingness to include \$10,000 a year in the CIP budget to fund monument signs at various entrance points to the City. Staff constructed the first gateway on U.S. Hwy 1 N for \$20,000 (10K City, 10K Chamber match). However, staff has been unable to secure additional locations, FDOT permits, or design a feature of suitable scale within the original budget of \$10K per sign. A stand-alone welcome sign at the City's southern end on A1A, initially proposed for FY2011-12, will now be incorporated into Andy Romano Beachfront Park.		
Status	The project is complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	Complete
Complete Design	Complete	Complete Construction	Complete
Bid Project	Complete		

Beautification

US1 North Landscape Beautification

City Project Manager	Paul MacDonald	Contractor	RJ Landscape Contractors
Location	US1 - I-95 to Hull Road	301198	
Description	Install landscaping and irrigation from Airport Road to I-95 Overpass in accordance with FDOT requirements and "BOLD Design Standards".		
Justification	Project was requested by the US1 North Committee, a group devoted to improving the northern gateway to Ormond Beach.		
Status	The project is complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	Complete
Complete Design	Complete	Complete Construction	Complete
Bid Project	Complete		

Community Redevelopment

Downtown: Cassen Park Public Dock

City Project Manager	John Noble	Contractor
Location	Cassen Park	104051
Description	Construction of a public dock adjacent to the fishing pier at Cassen Park.	
Justification	Currently, there are no public docks in the Downtown area that would enable large boats to dock. Ormond Mainstreet has requested the City to consider constructing a docking area adjacent to the south edge of the existing fishing pier. Boats that dock there would then be able to visit the Downtown area restaurants, stores, and historical sites.	
Status	Design is underway and grant applications were submitted. Due to permitting timeframes, the project has been scheduled for design to occur in fiscal year 2016-2017 and construction to occur in fiscal year 2017-2018.	

Proposed Project Schedule

Begin Design	1/16	Begin Construction	2/18
Complete Design	12/16	Complete Construction	7/18
Bid Project	10/17		

Community Redevelopment

Downtown: Sidewalk Renovations

City Project Manager	Paul MacDonald	Contractor	TDB
Location	Downtown CRA	104050	
Description	Remove, replace and upgrade the concrete sidewalks with paver banding in the River District. Phase I - US1 to Beach Street - Design & Permit		
Justification	The existing concrete sidewalks and decorative paver banding was installed in 1991 and need to be upgraded to match recent improvements, as requested by the Downtown Mainstreet Committee.		
Status	Received approved from FDOT to proceed as a maintenance project and therefore no permits are required. City Commission pushed out funding to future years.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	TBD
Complete Design	Complete	Complete Construction	TBD
Bid Project	TBD		

Community Redevelopment

Downtown: Stormwater Improvements

City Project Manager	Shawn Finley	Contractor	JD Weber Construction Co
Location	Downtown CRA	104021	
Description	Phase I - construction of an exfiltration system that will serve lots north of New Britain Avenue, between North Beach Street and North Ridgewood Avenue. This project will also include a passive park construction including sidewalks, benches and landscaping on the property located at 64 Lincoln Avenue.		
Justification	The 2007 adopted Downtown Master Plan stated a need to evaluate storm water needs and implement a program of off-line retention, where practical, to support intensive redevelopment of existing sites, and the Stormwater Master Plan for the Downtown CRA was developed. A conceptual permit for work in the CRA was granted by the St. Johns River Water Management District. Recent activity in redevelopment of the CRA indicates that the area that may receive the most and earliest impact from a construction project would be the River District, north of Granada Blvd., between North Beach Street and Ridgewood Avenue.		
Status	Construction contract was awarded January 19, 2016, a Notice to Proceed was issued for April 4.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	4/16
Complete Design	Complete	Complete Construction	12/16
Bid Project	Complete		

Community Redevelopment

Downtown: Stormwater Improvements Ph II

City Project Manager	Shawn Finley	Contractor
Location	Downtown CRA	104044
Description	Phase II - construction of an exfiltration system within the New Britain right-of-way which will provide treatment for the redevelopment of New Britain Avenue, as well as properties south of New Britain.	
Justification	The 2007 adopted Downtown Master Plan stated a need to evaluate storm water needs and implement a program of off-line retention, where practical, to support intensive redevelopment of existing sites, and the Stormwater Master Plan for the Downtown CRA was developed. A conceptual permit for work in the CRA was granted by the St. Johns River Water Management District. Recent activity in redevelopment of the CRA indicates that the area that may receive the most and earliest impact from a construction project would be the River District, north of Granada Blvd., between North Beach Street and Ridgewood Avenue.	
Status	Design scheduled to commence 3rd quarter 2016.	

Proposed Project Schedule

Begin Design	8/16	Begin Construction	8/17
Complete Design	1/17	Complete Construction	4/18
Bid Project	4/17		

Facility Const/Renovation

CDBG Projects

City Project Manager	Paul MacDonald	Contractor	TBD
Location	CDBG District	CDBG16	
Description	ADA Canoe/Kayak Launch - construction of ADA accessible canoe/kayak launch facilities, one at Cassen Park, and one in Central Park. Huguenot/Melrose Park - construction of a shell parking area with one concrete ADA parking stall and sidewalk, an ADA picnic table with concrete pad, park identification signage, and landscaping, as required. Hospital Gardens Park - renovation of existing irrigation system and installation of new landscaping and hardscape improvements.		
Justification	Volusia County provides grant funding through its CDBG program for improvements within the CDBG district and Citywide for ADA specific projects.		
Status	Staff is currently seeking quotes to install the launches.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	10/16
Complete Design	Complete	Complete Construction	12/16
Bid Project	9/16		

Facility Const/Renovation

City Hall HVAC/Chiller Replacement - Pumps & Controls

City Project Manager	John Noble	Contractor	Air Mechanical & Service Corp.
Location	City Hall	301186	
Description	The second phase/year of the project - replace the chiller pumps & controls		
Justification	An assessment report on the City Hall Chiller was prepared in 2013. The report recommended a phased replacement of the chiller and associated components over 5 years. The chiller unit was replaced FY 13/14. The AHU's are scheduled for replacement in FY 17/18.		
Status	Project is complete		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	Complete
Complete Design	Complete	Complete Construction	Complete
Bid Project	Complete		

Facility Const/Renovation

Fire Station 93 Exhaust System

City Project Manager	Alex Blake	Contractor	Hall Construction Co Inc
Location	Fire Station 93	116062	
Description	Installation of an exhaust removal system		
Justification	Project is funded by a FEMA Assistance to Firefighters grant		
Status	The project is complete.		

Proposed Project Schedule

Begin Design	N/A	Begin Construction	Complete
Complete Design	N/A	Complete Construction	Complete
Bid Project	N/A		

Facility Const/Renovation

Fire Station 93 Roof Replacement

City Project Manager	Alex Blake	Contractor	Hall Construction Co Inc.
Location	Fire Station 93	301172	
Description	Remove and replace existing membrane roof system.		
Justification	In 2011, a sealer was applied on the original roof to extend its life and defer full replacement for five years - until FY 15/16.		
Status	Project is complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	Complete
Complete Design	Complete	Complete Construction	Complete
Bid Project	Complete		

Parks Recreation and Cultural Improvements

OBSC Traffic Calming

City Project Manager	Alex Blake	Contractor
Location	Ormond Beach Sports Complex	301201
Description	Construction of eight (8) speed tables, at appropriate intervals, to control speed on the perimeter road at the sports complex.	
Justification	The recently completed paving of the perimeter road at the OBSC has led to increased traffic, and correspondingly, an increase of high speed traffic on this circulation roadway. This project will increase safety of individuals utilizing the facilities at the complex, and is a recommendation of the Leisure Services Advisory Board .	
Status	Contractor is mobilizing to begin project.	

Proposed Project Schedule

Begin Design	Complete	Begin Construction	8/16
Complete Design	Complete	Complete Construction	11/16
Bid Project	Complete		

Parks Recreation and Cultural Improvements

West Ormond Community Center

City Project Manager	John Noble	Contractor
Location	West Ormond	310017
Description	A preliminary concept plan for a West Ormond Community Center, to determine a location, design and projected cost, The following phase will determine a funding source, and the viability as a funded project in a future CIP.	
Justification	West Ormond has been the predominate location for growth in the City over the last 10 years. The Recreation Master Plan clearly identifies the need for a West Ormond Community Center and park, and it has been a priority of the Leisure Services Advisory Board for several years. If constructed, the center will save the residents of West Ormond travel time to and from Nova Community Park, and help alleviate traffic, parking, and crowding issues currently experienced at Nova Community Park.	
Status	The preliminary concept plan identified an \$9.0 million construction cost for a community center located out west adjacent to Pathway Elementary School. A feasibility study is recommended in the FY 2016-17 CIP.	

Proposed Project Schedule

Begin Design	1/16	Begin Construction	N/A
Complete Design	8/16	Complete Construction	N/A
Bid Project	N/A		

Recreation & Cultural Facility Improvements

Environmental Discovery Center

City Project Manager	John Noble	Contractor	A.M. Weigel
Location	Central Park At Division Avenue	301164	
Description	Construction of an Environmental Discovery Center at Central Park off Division Avenue that includes a 2,000 SF Learning center with an observation deck and associated parking area including walkways.		
Justification	This project was included in the 2010 Leisure Service Advisory Board priority list.		
Status	Project is complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	Complete
Complete Design	Complete	Complete Construction	Complete
Bid Project	N/A		

Recreation & Cultural Facility Improvements

Nova Community Park - Multipurpose Trail Ph I

City Project Manager	Paul MacDonald	Contractor	MCG Services
Location	Nova Community Park	301188	
Description	Phase 1 of an approximately 1/2 mile long, 10' wide multi-purpose trail system that will be constructed around the entire perimeter of the park, with interior connecting walkways.		
Justification	The proposed trail system will provide paved interior pedestrian access and allow for safe connection between different activities within the public park.		
Status	The construction is complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	Complete
Complete Design	Complete	Complete Construction	Complete
Bid Project	Complete		

Recreation & Cultural Facility Improvements

OBSC Improvements-Lighting Soccer Fields 9 & 10

City Project Manager	Shawn Finley	Contractor
Location	Ormond Beach Sports Complex	301193
Description	Providing lighting for Soccer fields 9 & 10.	
Justification	The lighting of soccer fields 9 and 10 has been a frequent topic of conversation at the Leisure Services Advisory Board as a much needed project. The new lighting will enable better utilization of the soccer fields for night-time play.	
Status	Design is complete, construction funded in FY 16/17	

Proposed Project Schedule

Begin Design	Complete	Begin Construction	1/17
Complete Design	Complete	Complete Construction	4/17
Bid Project	10/16		

Recreation & Cultural Facility Improvements

OBSC Pavilion

City Project Manager	Paul MacDonald	Contractor	MCG Services
Location	Ormond Beach Sports Complex	301200	
Description	Install a 20' x 28' pavilion, concrete pad/sidewalk, furnishings and landscaping, if required.		
Justification	Due to the popularity of the boundless playground and the abundance of sports activities in the vicinity, there is a need for a pavilion to be used by visitors. In addition to providing a shaded area, it will also provide a revenue source for the City for events such as Birthday parties held at the playground.		
Status	The project is complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	Complete
Complete Design	Complete	Complete Construction	Complete
Bid Project	N/A		

Recreation & Cultural Facility Improvements

SONC - Surveillance System

City Project Manager	Shawn Finley	Contractor
Location	Division Avenue	301176
Description	Project includes a surveillance system at the City's South Ormond Neighborhood Center..	
Justification	The surveillance system will record activity via remote access to the City's network and provide additional security.	
Status	Leisure Services has selected a continuing contract crafts/services vendor to perform the work. Contracts will be executed in August.	

Proposed Project Schedule

Begin Design	Complete	Begin Construction	9/16
Complete Design	Complete	Complete Construction	12/16
Bid Project	N/A		

Stormwater Improvements

Corrugated Metal Pipe Rehabilitation 2015

City Project Manager	Alex Blake	Contractor	Ric-Man Construction
Location	Stormwater Service Areas	107147	
Description	Rehabilitation of existing corrugated metal storm piping throughout the City that has been identified as failing due to corrosion and age.		
Justification	<p>Much of the City's older stormwater piping, which was installed in excess of 20 years ago, was constructed with corrugated metal piping. This piping has surpassed its design life expectancy and in many areas of the City has significantly corroded, especially along the river outfalls. Rainfall runoff from previous hurricanes resulted in increased flows and debris being conveyed through these pipes which also significantly contributed to the pipe's deterioration. In order to reduce impacts to roads and the public, this project intends to rehabilitate the storm pipes utilizing no-dig slip lining technology where applicable. In cases where the corrosion is extensive, slip lining may not be feasible and the piping will need to be replaced utilizing standard open-cut construction. The majority of these pipe sections are along the Halifax River outfall pipes on both the mainland and the peninsula.</p>		
Status	Project is complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	Complete
Complete Design	Complete	Complete Construction	Complete
Bid Project	Complete		

Stormwater Improvements

Corrugated Metal Pipe Rehabilitation 2016

City Project Manager	Alex Blake	Contractor
Location	Stormwater Service Areas	107152
Description	The on-going rehabilitation of existing corrugated metal storm piping throughout the City that has been identified as failing due to corrosion and age.	
Justification	Much of the City's older stormwater piping, which was installed in excess of 20 years ago, was constructed with corrugated metal piping. This piping has surpassed its design life expectancy and in many areas of the City has significantly corroded, especially along the river outfalls. Rainfall runoff from previous hurricanes resulted in increased flows and debris being conveyed through these pipes which also significantly contributed to the pipe's deterioration. In order to reduce impacts to roads and the public, this project intends to rehabilitate the storm pipes utilizing no-dig slip lining technology where applicable. In cases where the corrosion is extensive, slip lining may not be feasible and the piping will need to be replaced utilizing standard open-cut construction. The majority of these pipe sections are along the Halifax River outfall pipes on both the mainland and the peninsula.	
Status	Bid was awarded at the June 7 City Commission meeting, construction is scheduled to begin in July.	

Proposed Project Schedule

Begin Design	Complete	Begin Construction	7/16
Complete Design	Complete	Complete Construction	8/16
Bid Project	Complete		

Stormwater Improvements

Laurel Creek Stormwater Pump Station Improvements

City Project Manager	John Noble	Contractor
Location	Laurel Creek Pump Station	107149
Description	Construct improvements at the pump station to include Variable Frequency Drives (VFD's) for both pumps, new control panel with level sensing and level control, Remote Telemetry Unit (RTU) upgrades to allow remote monitoring and control, and permanent emergency power generator, fuel tank, enclosure, and ATS.	
Justification	These upgrades will improve the operational efficiency and reliability of the pump station. The existing pump starters are fixed speed "soft start" drives which do not have variable speed capacity. In Auto Mode, the float switches control operation of the pumps based upon wet well level. Depending on the amount of debris on the intake screens, and the level of the upstream ponds, the pumps can "outpump" the intake under certain conditions.	
Status	Low bid was accepted by the Coty Commission and contracts are being prepared for execution.	

Proposed Project Schedule

Begin Design	Complete	Begin Construction	8/16
Complete Design	Complete	Complete Construction	11/16
Bid Project	Complete		

Stormwater Improvements

Laurel Creek Stream Gauge Stations

City Project Manager	Shawn Finley	Contractor
Location	Laurel Creek	107150
Description	The addition of stream monitoring gauges at four (4) strategic locations along Laurel Creek to monitor water levels and flow from the Central Park lakes.	
Justification	As a condition of the St Johns River Water Management District permit, a flow meter/level detector was installed at the Wilmette Avenue culvert, which allows Public Works staff to make decisions regarding closing the culvert gates and operation of pumps, when required. Installation of these gauges will provide additional information on changes in the lake and creek levels, to ensure responsive action during times of significant rainfall events.	
Status	Design is anticipated to begin 3rd quarter 2016.	

Proposed Project Schedule

Begin Design	9/16	Begin Construction	4/17
Complete Design	12/16	Complete Construction	7/17
Bid Project	2/17		

Stormwater Improvements

Wilmette Avenue Pump Station

City Project Manager	Shawn Finley	Contractor
Location	Laurel Creek at Wilmette Avenue	107151
Description	Installation of two permanent pumps at Laurel Creek to provide pumping capability in preparation for storm events.	
Justification	The Phase II FEMA stormwater Improvements installed sluice gates at the four Laurel Creek culvert crossings of Wilmette Avenue, along with intake and discharge piping and structures for the use of temporary rental pumps. This project will install permanent pumps that can be used in lieu of the high cost of rental pumps, which require lead time to order, deliver, and set up, which diverts staff time and resources which could be otherwise utilized in the event of an impending storm.	
Status	Design is scheduled to begin 3rd quarter 2016.	

Proposed Project Schedule

Begin Design	7/16	Begin Construction	2/17
Complete Design	10/16	Complete Construction	5/17
Bid Project	11/16		

Technology

Communication Infrastructure Nova

City Project Manager	Shawn Finley	Contractor	Danella
Location	Nova Community Park	301217	
Description	Communication infrastructure improvements to Nova Community Park facilities.		
Justification	Recent improvements to the facilities at Nova Community Park have increased usage and demand of resources. This work will provide for greater resource operational efficiency, and will allow for the remote monitoring of the on-site security camera system.		
Status	The project is complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	Complete
Complete Design	Complete	Complete Construction	Complete
Bid Project	N/A		

Technology

Communication Infrastructure Remote Utilities

City Project Manager	Shawn Finley	Contractor	Danella
Location	Citywide	409198	
Description	Installation of point-to-point wireless connection.		
Justification	This upgrade, in conjunction with the upgrade to the utilities SCADA system, will grow the current radio based system to a high-speed wide area network.		
Status	Work is in process.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	6/16
Complete Design	Complete	Complete Construction	8/16
Bid Project	N/A		

Transportation

2016 Roadway Resurfacing

City Project Manager	Alex Blake	Contractor
Location	Various	308119
Description	Resurfacing of City streets as part of an on-going maintenance policy in order to prevent street deterioration and excessive reconstruction costs.	
Justification	The City's roadway resurfacing program was implemented in 1997. The annual resurfacing has been performed since that time to prevent significant deterioration of roadway conditions which could result in more costly roadway reconstruction, and to maintain roadway infrastructure quality throughout the City.	
Status	Contractor is mobilizing to begin project.	

Proposed Project Schedule

Begin Design	Complete	Begin Construction	8/16
Complete Design	Complete	Complete Construction	11/16
Bid Project	Complete		

Transportation

A1A Mast Arm Installation

City Project Manager	Shawn Finley	Contractor
Location	A1A	308107
Description	Design for the Installation of mast arm traffic signals to replace the current span wire signals at the A1A/Cardinal Drive and A1A/Harvard Drive intersections. Construction is projected to occur in FY 17/18.	
Justification	These signals are located on a designated evacuation route, and subjected to potential hurricane force winds and tidal surge in the event of a storm. They are also experiencing deterioration due to their age and the harsh coastal environment. Once completed, the new mast arms will provide increased reliability under storm conditions, increased road efficiency, reduced maintenance costs, as well as the aesthetic benefit of mast arm versus span wire signals.	
Status	FDOT investigating their involvement and role in managing design and construction. Designed deferred until 2016/2017	

Proposed Project Schedule

Begin Design	Deferred	Begin Construction	Deferred
Complete Design	Deferred	Complete Construction	Deferred
Bid Project	Deferred		

Transportation

Forest Hills Trail

City Project Manager	Shawn Finley	Contractor
Location	Forest Hills subdivision-Tomoka Elementary school	308101
Description	Construction of a concrete sidewalk connecting Forest Hills neighborhood to Mayfield Terrace.	
Justification	The Volusia TPO conducted a study, "Bicycle and Pedestrian School Safety Review" in 2008, after budget reductions discontinued bus service to students living in the Forest Hills neighborhood. The route to school requires students to travel along Nova Road and Granada Blvd, a distance exceeding 1 mile. The study recommended the construction of the trail, as a safer alternative route.	
Status	In-house survey is in process.	

Proposed Project Schedule

Begin Design	3/16	Begin Construction	12/16
Complete Design	8/16	Complete Construction	5/17
Bid Project	9/16		

Transportation

North US1 Sidewalk

City Project Manager	Shawn Finley	Contractor
Location	US1 between Wilmette & Airport Road	308118
Description	Construction of an eight foot sidewalk connecting Wilmette Avenue, Nova Road, and Airport Road.	
Justification	The FDOT, in conjunction with the River to Sea TPO, prepared a US1 Corridor Improvement Program report, which included construction of this sidewalk connecting The City's northern areas to the City's central core.	
Status	Deferred - Design awaiting funding authorization from TPO/FDOT.	

Proposed Project Schedule

Begin Design	Deferred	Begin Construction	Deferred
Complete Design	Deferred	Complete Construction	Deferred
Bid Project	Deferred		

Transportation

Street Light Maintenance

City Project Manager	Paul MacDonald	Contractor	TBD
Location	Nova Road	308114	
Description	Painting faded or damaged City-maintained street lights on Nova Road.		
Justification	With the reconstruction of Nova Road, 120 lights were installed along the roadway corridor. The street light poles were green painted at the City's request. Maintenance of the poles is required to prevent corrosion and correct normal wear. A six year maintenance cycle began in FY 11/12.		
Status	Staff is preparing bid documents.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	1/17
Complete Design	Complete	Complete Construction	3/17
Bid Project	9/16		

Wastewater System Improvements

MLS Comminutor

City Project Manager	John Noble	Contractor
Location	WWTP	409190
Description	Construction of 2 comminutor assemblies at the master influent structure to reduce clogging that occurs at the influent pump station.	
Justification	The changing dynamics of wastewater has resulted in an increase in "disposable" towels entering the waste stream. These towels combine with what are termed "rags" that can clog pump impellers, resulting in timely and costly pump maintenance. Comminutors are devices that shred the rags ahead of the pumps, and thus prevent clogging.	
Status	Project was put on hold to allow a study to be completed in fiscal year 2016-2017.	

Proposed Project Schedule

Begin Design	TBD	Begin Construction	TBD
Complete Design	TBD	Complete Construction	TBD
Bid Project	TBD		

Wastewater System Improvements

Outfall Pipe Replacement

City Project Manager	John Noble	Contractor
Location	Halifax River	409192
Description	Replacement of the failed effluent outfall pipe crossing under the Halifax River, as well as miscellaneous piping reconfiguration and valve replacement for nearby reuse and force main piping systems, as required.	
Justification	The existing effluent outfall pipe is in poor condition and broken in several locations, resulting in inadequate diffusion. FDEP has observed the boils caused by the damaged pipe, and has requested the City to repair or replace the pipe.	
Status	Design is 90% complete. Application to the state for a submerged land lease has been submitted.	

Proposed Project Schedule

Begin Design	1/16	Begin Construction	11/16
Complete Design	7/16	Complete Construction	3/17
Bid Project	8/16		

Wastewater System Improvements

Sanitary Sewer Inflow/Infiltration

City Project Manager	Alex Blake	Contractor
Location	Various	409179
Description	A video inspection of the City sewer system, and subsequent pipe lining of identified, deficient pipe.	
Justification	A significant portion of the gravity sewer pipeline consists of old clay pipe with joints every five feet, and many of the older sanitary manholes are constructed of brick rather than pre-cast concrete. These older, failing structures allow surface and groundwater to enter the sewer system, which results in surcharging of sewer lines, hydraulic overload of the pump stations, and inadequate treatment at the plant due to increased hydraulic loading. Inflow/Infiltration reductions can extend the capacity life of the wastewater facility, and prevent additional costs for collection, pumping, treatment, and disposal of the additional water flowing into the system.	
Status	Project is being prepared for bidding.	

Proposed Project Schedule

Begin Design	4/16	Begin Construction	11/16
Complete Design	8/16	Complete Construction	7/17
Bid Project	9/16		

Water & Wastewater Improvements

Wastewater Sludge Thickener Upgrades

City Project Manager	John Noble	Contractor	L7 Construction
Location	Wastewater Treatment Plant	409172	
Description	Sludge holding tank cleaning and grit disposal, aeration system equipment upgrades, and replacement of blower air feed system.		
Justification	Updating the aged sludge thickening, aeration and sludge dewatering feed components will promote reliable, efficient, and compliant biosolids management and disposal.		
Status	Project is under construction and is 50% complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	4/16
Complete Design	Complete	Complete Construction	10/16
Bid Project	Complete		

Water & Wastewater Improvements

Water Main Replacement Ph II - Mainland

City Project Manager	Alex Blake	Contractor	J.D. Weber
Location	Various areas throughout the City mainland		409154
Description	<p>Design of Phase II of the replacement of substandard 2-inch water mains in the mainland area which were identified as a priority recommendation by the Utility Master Plan Update. The majority of the water mains are in excess of 30 years old and have outlived their service life. Also included in this design project are 2 additional 13/14 CIP water main projects - design of the North Beach Street water main replacement project, which will replace approximately 2,400 feet of 6-inch water main which has lost capacity along North Beach Street between Melrose Avenue and Sanchez Avenue, and the West Granada Blvd Watermain Extension project, which will extend approximately 1,300 feet of 12-inch water main along West Granada Blvd. to tie into existing mains near Mirror Lake Drive.</p>		
Justification	<p>The water main replacement program allows for the systematic replacement of small diameter pipe with larger diameter pipe that will enhance distribution system water quality, improve fire suppression capability, achieve lower pressure losses, and reduce high service pumping costs.</p>		
Status	Project is 90% complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	7/15
Complete Design	Complete	Complete Construction	8/16
Bid Project	Complete		

Water & Wastewater Improvements

Water Main Replacement Ph II - North Peninsula

City Project Manager	Shawn Finley	Contractor	General Underground
Location	North Peninsula	409154a	
Description	Design of Phase II of the replacement of substandard 2-inch water mains in the north peninsula which were identified as a priority recommendation by the Utility Master Plan Update. The majority of the water mains are in excess of 30 years old and have outlived their service life.		
Justification	The water main replacement program allows for the systematic replacement of small diameter pipe with larger diameter pipe that will enhance distribution system water quality, improve fire suppression capability, achieve lower pressure losses, and reduce high service pumping costs.		
Status	Project is 90% complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	7/15
Complete Design	Complete	Complete Construction	7/16
Bid Project	Complete		

Water & Wastewater Improvements

Water Main Replacement Ph II - South Peninsula

City Project Manager	Shawn Finley	Contractor	Young's Communication (Y-Com)
Location	409154b		
Description	Design of Phase II of the replacement of substandard 2-inch water mains on the south peninsula which were identified as a priority recommendation by the Utility Master Plan Update. The majority of the water mains are in excess of 30 years old and have outlived their service life.		
Justification	The water main replacement program allows for the systematic replacement of small diameter pipe with larger diameter pipe that will enhance distribution system water quality, improve fire suppression capability, achieve lower pressure losses, and reduce high service pumping costs.		
Status	Project is complete.		

Proposed Project Schedule

Begin Design	Complete	Begin Construction	Complete
Complete Design	Complete	Complete Construction	Complete
Bid Project	Complete		

Water & Wastewater Improvements

Water Plant Lime Silo Dust Collector Replacement

City Project Manager	Shawn Finley	Contractor
Location	Water Treatment Plant	409183
Description	Engineering design and construction of existing lime silo structural modifications and replacement of the lime dust collection system.	
Justification	The current lime storage silo and dust bagging system is several years old and does not operate in accordance with the original design intent. Lime delivery and use is a rigorous activity and is a primary component of the lime softening process at the City's water Treatment Facility. Replacement of this system will improve materials handling, operator safety and efficiency, and will improve housekeeping practices at the facility.	
Status	Bid was awarded at the May 17 City Commission meeting.	

Proposed Project Schedule

Begin Design	Complete	Begin Construction	7/16
Complete Design	Complete	Complete Construction	11/16
Bid Project	Complete		

Water & Wastewater Improvements

Water Plant Pump & Controls Upgrades

City Project Manager	Shawn Finley	Contractor
Location	Water Treatment Plant	409184
Description	Design and construction services for upgrades to certain high service pumping and valve systems, centrifuge lime sludge feed pumping/piping systems, and the addition of variable frequency drive electrical control system for enhancing the low pressure reverse osmosis (LPRO) clear well pumping system.	
Justification	Part of a planned schedule of improvements for rehabilitation and upgrades necessary to effect efficient operations and maintenance of the water treatment system.	
Status	Bid was awarded at the June 27th City Commission Meeting.	

Proposed Project Schedule

Begin Design	Complete	Begin Construction	7/16
Complete Design	Complete	Complete Construction	11/16
Bid Project	Complete		

Water System Expansion

South Peninsula Reclaimed Water Main Expansion

City Project Manager	Shawn Finley	Contractor
Location	South Peninsula	435040
Description	To extend the reclaimed water mains and connect existing dry lines installed under the recently completed phases of the 2-inch water main replacement projects.	
Justification	The City Commission has identified serving the South Peninsula with reclaimed water to be a high priority project. Reuse of effluent water reduces the City's discharge into the Halifax River, reduces water consumption, and helps offset saltwater intrusion along the peninsula. Staff has applied for a SJRWD grant, and has submitted a legislative funding request for this project.	
Status	Design is in process, and the City received a SJRWMD Cost Share grant to provide \$1.2 million in funding for the project.	

Proposed Project Schedule

Begin Design	4/16	Begin Construction	4/17
Complete Design	11/16	Complete Construction	12/17
Bid Project	1/17		

Water System Improvements

North Peninsula Water System Improvements

City Project Manager	Shawn Finley	Contractor
Location	North Peninsula	409191
Description	Water system upgrades to address low pressures and provide adequate pressures for fire service to the area.	
Justification	The North Peninsula water mains were installed over 50 years ago and many areas do not have adequate pressures for required fire flow service.	
Status	This project has been included with the 2-Inch Water Main Phase III Peninsula project.	

Proposed Project Schedule

Begin Design	3/16	Begin Construction	5/17
Complete Design	12/16	Complete Construction	11/17
Bid Project	1/17		

Water System Improvements

Water Main Replacement Ph III - Mainland

City Project Manager	Alex Blake	Contractor
Location	Various areas throughout the City Mainland	409173
Description	Design of Phase III of the replacement of substandard 2-inch water mains on the mainland area which were identified as a priority recommendation by the Utility Master Plan Update. The majority of the water mains are in excess of 30 years old and have outlived their service life.	
Justification	The water main replacement program allows for the systematic replacement of small diameter pipe with larger diameter pipe that will enhance distribution system water quality, improve fire suppression capability, achieve lower pressure losses, and reduce high service pumping costs.	
Status	Design plans are 60% complete.	

Proposed Project Schedule

Begin Design	3/16	Begin Construction	5/17
Complete Design	12/16	Complete Construction	11/17
Bid Project	1/17		

Water System Improvements

Water Main Replacement Ph III - North Peninsula

City Project Manager	Shawn Finley	Contractor
Location	Various areas throughout the City North Peninsula	409173a
Description	Design of Phase III of the replacement of substandard 2-inch water mains on the north peninsula which were identified as a priority recommendation by the Utility Master Plan Update. The majority of the water mains are in excess of 30 years old and have outlived their service life.	
Justification	The water main replacement program allows for the systematic replacement of small diameter pipe with larger diameter pipe that will enhance distribution system water quality, improve fire suppression capability, achieve lower pressure losses, and reduce high service pumping costs.	
Status	North and South Peninsula areas were combined into one single project, which will be reported under North Peninsula. Design is in process.	

Proposed Project Schedule

Begin Design	3/16	Begin Construction	4/17
Complete Design	11/16	Complete Construction	10/17
Bid Project	1/17		

Water System Improvements

Water Main Replacement Ph III - South Peninsula

City Project Manager	Shawn Finley	Contractor
Location	409173b	
Description	Design of Phase III of the replacement of substandard 2-inch water mains on the south peninsula which were identified as a priority recommendation by the Utility Master Plan Update. The majority of the water mains are in excess of 30 years old and have outlived their service life.	
Justification	The water main replacement program allows for the systematic replacement of small diameter pipe with larger diameter pipe that will enhance distribution system water quality, improve fire suppression capability, achieve lower pressure losses, and reduce high service pumping costs.	
Status	North and South Peninsula areas were combined into one single project, which will be reported under North Peninsula	

Proposed Project Schedule

Begin Design	3/16	Begin Construction	4/17
Complete Design	11/16	Complete Construction	10/17
Bid Project	1/17		

Water System Improvements

WTP Solids Handling Facility Upgrades

City Project Manager	John Noble	Contractor
Location	Water Treatment Plant	409197
Description	Replacement of the solid handling facility dewatering structure and existing centrifuges with a new steel building and vacuum presses.	
Justification	The existing solid handling facilities are in need of significant repair. The steel structure and wall panels are severely corroded, and only one of two centrifuges is operational.	
Status	The design consultant is preparing a sludge dewatering study which will investigate sludge dewatering equipment available for consideration.	

Proposed Project Schedule

Begin Design	2/16	Begin Construction	5/17
Complete Design	11/16	Complete Construction	11/17
Bid Project	2/17		