

# CAPITAL IMPROVEMENT PROGRAM

2020-2024



Lake Fran Bike Trail at Eagles Nest Park

CITY OF ORLANDO, FLORIDA





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## **CAPITAL IMPROVEMENT PROGRAM PROCESS**

### **INTRODUCTION**

#### **City Government**

The City of Orlando was incorporated on July 31, 1875, and the City Charter was adopted ten years later on February 4, 1885. Orlando, located in the approximate center of the State, is part of the four - county Orlando Metropolitan Statistical Area that consists of Orange, Osceola, Seminole and Lake Counties.

The Mayor serves as the Chief Executive Officer and oversees the daily administration of City operations and implementation of City policy through an eight-member cabinet. The eight cabinet members are the seven department directors and the City Clerk. The Chief of Staff, City Attorney, Chief Financial Officer, Chief Administrative Officer, and Chief Venues Officer serve as advisors to the cabinet. There are five staff offices that report to the Chief of Staff.

#### **Capital Improvement Program**

Annually, the City of Orlando prepares a five-year Capital Improvement Program. The Capital Improvement Programming process was initiated in 1966, following Municipal Planning Board recommendation and City Council approval. Though not published, the first programs were developed in 1967 and 1968. The City published its first program in March 1969. Entitled Capital Improvement Program 1969-1973, the report included 148 individual projects with a total estimated cost of \$93 million. On an annual basis thereafter, the City has published a revised and updated capital program for each subsequent five-year period.

This year's Capital Improvement Program, for the five fiscal years 2020-2024, contains information on 106 individual projects. These projects would require a public and private investment of over \$662 million for the five-year period.

The Capital Improvement Program is composed of four primary sections: 1) an introductory process section which explains the reasoning, responsibility, and process involved in developing the program, 2) a program summary which illustrates the total impact of the program by method of financing and type of service, 3) a Capital Improvements Element (CIE) section, and 4) project information broken down by type of service which includes a summary spreadsheet and detailed information about each specific project. The project information is categorized by type of service as follows:

- Economic Development
- General Government
- Public Safety
- Recreation and Culture
- Solid Waste
- Stormwater
- Transportation
- Water Reclamation

A fifth section summarizes all mid-year amendments made in the last fiscal year to the existing Capital Improvement Program.



**Capital Improvement Program:  
What is it and why do we have one?**

City government provides needed and desired urban services to the public. In order to provide these services, the City must furnish and maintain capital facilities and equipment, such as sewers, roads, and parks. The capital improvement program is a proposed schedule for the expenditure of funds to acquire or construct these needed improvements over the next five-year period. It represents a comprehensive and direct statement of the physical development policies of the City. The program has major significance in that it touches the lives of each City resident and visitor through the provision of health, safety, transportation, recreation, and other services.

**Purpose and Benefits of Capital Programming**

The purpose of the Capital Improvement Program is to pull together all capital improvements identified by all City departments into a five-year program that weighs the City's capital needs against available funding. Toward this end, the Capital Improvement Program accomplishes the following:

1. Provides a means for coordinating and consolidating various departmental requests, thereby preventing duplication of projects and equipment.
2. Establishes a system of examining and prioritizing the needs of the City.
3. Provides an important implementation device for the Growth Management Plan.
4. Identifies the timing, phasing, location, and funding of capital improvements in a comprehensive manner.
5. Allows sufficient time for investigation of project financing, implementation measures, and proper technical design.
6. Coordinates physical with financial planning, allowing maximum benefits from available public funds.

7. Helps to provide an equitable distribution of public improvements throughout the City.
8. Provides a basis for formulation of possible bond programs as well as a project pool for investigation of various State and Federal aid programs.

**Comprehensive Planning and Capital Programming**

The City of Orlando's Growth Management Plan serves as the primary guide for the future development of the City. The plan is a comprehensive statement of long-range physical development goals, policies, and required actions. As such it provides the framework within which all development actions should occur.

The Capital Improvement Program is an important tool for implementing the City's Growth Management Plan. Along with the Land Development Code, it bridges the gap between the day-to-day operations of City government and the City's long-range development goals. The capital improvement programming process gives the community an opportunity to review overall development goals annually.

**Comprehensive Planning and Land Development**

Section 163.3177(3)(a), Florida Statutes, requires the City to adopt a Capital Improvements Element (CIE) as part of the City's Growth Management Plan (GMP). The CIE sets minimum acceptable level of service standards for various public facilities and services such as parks and recreation, transportation, wastewater, solid waste and stormwater. The CIE also identifies long-range strategies to address 1) maintenance of existing infrastructure, 2) projects needed to address existing deficiencies, and 3) accommodating growth.

The CIE is an adopted five-year schedule for the expenditure of funds to acquire or construct capital improvements based on the needs of the current and projected population. The CIE also includes projects funded by state or regional agencies that provide services within City limits. The Capital Improvements Element differs from the City's Capital Improvement Program in that the capital improvements in the CIE are to be programmed via the Growth Management Plan. The Capital Improvement Program, which includes the City-funded projects in Capital Improvements Element

and all other capital projects proposed by the City, is the vehicle that links capital improvements with adopted public policy. The Capital Improvement Program should not be considered a final, fixed, or rigid plan. Growth will produce change; change will create new needs, and consequently a new plan. Therefore, the CIP must be reviewed and revised annually.

## **PROCESS**

### **Development of the Capital Improvement Program**

Only projects that meet the definition of a capital improvement are included in the Capital Improvement Program. Capital improvements are defined as physical assets, constructed or purchased, that have a minimum useful life of three years and a minimum cost of \$100,000.

Examples of typical capital improvements are:

- a. New and expanded physical facilities for the community over the \$100,000 threshold.
- b. Large-scale rehabilitation or replacement of existing facilities.
- c. Major pieces of equipment that are over \$100,000 and have a relatively long period of usefulness.
- d. The cost of engineering or architectural studies and services relative to the improvement.
- e. The acquisition of land for a facility such as a park, highway, sewer line, etc.

Normal replacement of vehicles or equipment and normal recurring renovation costing less than \$100,000 are not included in the Capital Improvement Program.

In addition, hardware and software requests and other technology improvements are to be included in the Technology Investment Program process for Technology Management Division review. Although individual projects are not included in the CIP, there is a lump sum allocation for technology enhancements.

Each year the CIP is prepared from project requests submitted by the various departments and agencies of the City. The requests require a project description, a justification, cost estimates, a statement of impact on the City's annual operating budget, implementation schedule, and indications of project location and service area.

After compilation of the requests, Management and Budget, the Economic Development Department and the Mayor's Executive Staff (consisting of the Chief Administrative Officer, Chief of Staff, Chief Financial Officer, Chief Venues Officer, and the City Attorney) review the projects. This review, along with available funding, forms the basis of the program recommended to the City Council. The Municipal Planning Board also evaluates the recommended program for compliance with the Growth Management Plan.

The recommended program is then used in the development of the annual operating budget, which becomes effective October 1st of each year. The first year of the five-year program is the Capital Budget with the following four years becoming the Capital Improvement Program.

The Capital Improvement Program is a plan adopted by City Council with the adoption of the annual operating and capital budget, without a commitment to expenditures or appropriations beyond the first year. The CIE is a five-year program that is updated annually through the CIP process and can be amended twice a year through the GMP amendment process.

### **Responsibilities in Program Preparation**

The Capital Improvement Program, by virtue of its comprehensive character, involves the full realm of City operations. Departments, Boards, and City Council must coordinate their actions to accomplish a successful program for improving the community.

***Operating Departments, Boards and Agencies:*** The key role in the initial stages of capital programming falls upon the operating departments, boards and agencies. By virtue of their technical knowledge and experience in the individual fields, it becomes their responsibility to initiate project requests, formulated in a manner that states the merits of each project as well as that projects' relative importance in the department's overall program.

**Accounting & Control Division:** Provide revenue forecast assistance and review and evaluate project financing when requested.

**City Planning Division:** The City Planning Division has the following responsibilities in the capital programming process:

1. Review and evaluate all requests concerning the Capital Improvements Element of the GMP, and submit to the Municipal Planning Board (MPB) and City Council any amendment to the CIE that impacts the CIP.
2. Assist with and provide information to the Management and Budget Division in the review and evaluation of submitted projects.
3. Make a recommendation to the MPB regarding the consistency of the CIP with the GMP.

**Management and Budget Division:** The Management and Budget Division has the following responsibilities in the capital programming process:

1. Prepare the CIP calendar.
2. Provide information concerning the City's financial resources.
3. Prepare and distribute the package used by departments and agencies for submitting requests.
4. Provide assistance to departments and agencies in the preparation of requests.
5. Receive, review and coordinate all requests.
6. Provide staff assistance to the City Planning Division.
7. Provide assistance in preparing the adopted program. Publish and distribute the adopted program.

**Mayor's Executive Staff:** The final review of the proposed Capital Improvement Program before submission to the City Council is made by the Mayor's Executive Staff consisting of the Chief Administrative Officer,

Chief of Staff and the City Attorney. (The Chief Financial Officer is part of this staff as well, but has previously participated in Management and Budget Division review.) Primarily this includes the projects to be funded from the Capital Improvement Program and Gas Tax Funds, the most competitive funding sources.

**Municipal Planning Board:** Per Section 65.143 of the City Code, the board is to evaluate the recommended program for compliance with the Growth Management Plan, and, if found to be in compliance, to then recommend the program for City Council approval.

A Capital Improvement Program will be adopted by City Council with the adoption of the annual operating budget. There is no commitment to expenditures or appropriations beyond the first year. Also, expenditures or appropriations beyond the first year may not occur in the years indicated.

**City Council:** While the departments, boards, and committees play a very significant role in the capital improvement programming process, the ultimate authority for the program rests with City Council. They alone, as elected officials, can authorize the expenditure of public funds, in this case by adopting the first year of the capital improvement program as that fiscal year's capital budget. Therefore, the final priorities placed on community needs and the subsequent satisfaction of those needs is a matter of legislative decision and control.

**Department Ranking:**

Each project appearing in this five-year program carries a department priority recommendation. This ranking is assigned by the submitting department or agency and reflects the relative importance of the individual project to that particular department's total program.

Departments submit projects in order of their priority, by type of service, prefixed with the following designations:

1. Critical Deficiency—required to eliminate proven or obvious dangers to public or employee health or safety.
2. Existing Deficiency—needed to raise a service or facility to an adopted level of service.

3. Repair/Replacement—maintains adopted service level standards in developed areas and gives comparable service standards in developing areas.
4. Future Need/Planned Expansion—enables the City to provide services required for scheduled development.

**Project Numbering**

The Capital Improvement Program project number is a three part, eight digit number. The first two digits indicate the year in which a project was first submitted. The remaining six digits are a composite of the three-digit Program number or Division identifier of the submitting Program, followed by three digits representing the number of projects submitted by that program for the fiscal year. For example, Facilities submits three projects for this fiscal year. The numbers assigned would be 19-FAC-001, 19-FAC-002 and 19-FAC-003.

A project retains the original number throughout its existence, with that number permanently retired when a project is completed or deleted from the program.

**DESCRIPTION OF REVENUE SOURCES**

In order to implement the Capital Improvement Program, funding must be identified and programmed to achieve the desired urban environment envisioned for the City of Orlando. The Capital Improvement Program can only be as effective as the resources that are behind it.

The following pages contain a brief description of funding sources. Many of these funding sources are difficult to predict due to the nature and authority of the funding source. For instance, Federal and State funding may vary from year to year, and in some cases, differ very drastically from one year to the next, making it difficult to forecast revenue. When possible, State plans, such as the Florida Department of Transportation Five Year Transportation Improvement Program are followed closely to determine future funding. Special Assessments and other funding are also hard to predict. Only those revenues the City has available for capital programming are described on the following pages. A table showing historical general governmental revenues is found on page 12. The description of existing revenue sources is as follows:

**Property (Ad Valorem) Tax Revenue - CIP**

Property tax revenue is based on a millage rate (one mill is equivalent to \$1 per \$1,000 of assessed value), which is applied to the total assessed property value. The City of Orlando's millage rate is 6.6500. Property tax is the single largest revenue source for the City. This revenue is used primarily to support General Fund operations.

The table on page 14 shows assessed and estimated value of taxable property over the last ten years.

A specified portion of property tax revenue may be set aside each year for capital improvements. For FY 2019/20 the City Council set aside \$25.1 million of property tax revenue for CIP funding. The Capital Improvement Program Fund is a competitive funding source since many different departments within the City compete each year for these dollars. Limited funds, compounded by the many needs from the various departments, have made this funding source even more competitive.

**Real Estate Acquisition Fund - REM**

In FY17/18 the City established the Real Estate Acquisition fund, and moved real estate projects from the CIP fund to this new fund. In doing so, the City was able to organize real estate projects and funds in one location. This will allow the City to identify opportunities for growth and create a strategic plan for managing the City's real estate assets. Proceeds from the sale of existing real estate and occasional transfers from the General Fund are the primary sources of the Real Estate Fund resources.

**Federal Aid - FA**

Federal grants, other than Community Development Block Grant funds, provide funding for specific projects. An example of federal funding would be Department of Justice (DOJ) Grants.

**Six Cents Local Option Gas Tax Funds - GAS**

The six cents local option gas tax will generate approximately \$29.3 million in revenue for Orange County in FY 2019/20. Six cents from every gallon of motor fuel sold in Orange County goes to the County and the municipalities within it. Under the current interlocal agreement the City of



Orlando's portion of the total net revenue is equal to its percentage of the total population of Orange County. The revenue received can only be used for transportation related expenditures. Proceeds must be used toward the cost of establishing, operating, and maintaining a transportation system and related facilities and the cost of acquisition, construction, reconstruction, and maintenance of roads.

### **Internal Loan Fund – ILF**

The Internal Loan Fund was created to provide interim or longer term financing to other funds. The financing for the fund's loan activities was provided through loans from the Sunshine State Governmental Financing Commission and Capital Improvement Refunding Revenue Bonds. The loan documents, between the Internal Loan Fund and the recipient fund, set forth the project use, principal amortization and revenue sources for repayment.

### **Sewer Service Charges - SC**

Monthly service charges are assessed for the use of services and facilities of the City's sanitary sewer system. Service charges are used to pay for operating expenses, maintenance, construction, and debt service. Sewer capacity charges are assessed to recover capital costs associated with improvements and upgrades to the system. Charges are allocated to the capital and any related debt service.

### **Solid Waste Service Charges - SC**

Monthly service charges are collected for curbside, container and recyclable material collection for residential and commercial customers. Solid Waste service charges are reviewed annually and may be increased due to inflation and/or additional costs.

### **Special Assessments - SPA**

The City, as part of its City Code, has adopted a "Home Rule Special Assessment Ordinance." This ordinance relates to capital improvements and services providing a special benefit to local areas within the City. The

ordinance provides for the creation of assessment areas and the imposition and collection of special assessments to fund the costs of capital improvements and services. Typical special assessments may include dirt street paving, sidewalk construction, and streetscape improvements.

### **State Aid - SA**

State grants provide funding for specific projects. State aid funding primarily consists of revenue from the State transportation trust fund for capacity improvements. Recreation projects are also recipients of State aid.

### **Stormwater Utility Fee - SU**

The City enacted a stormwater utility fee in 1989. This fee will generate approximately \$25.7 million in FY 2019/20, depending on development. Funds from this revenue source can only be used for the operation, maintenance and construction of the City's stormwater management system. Each year a portion of the funding may be allocated for capital improvements, while the remainder will be used for operating and maintenance expenses.

### **Tax Increment Financing - TIF**

Tax Increment Financing represents the revenue generated from the property tax increment received on property located within Community Redevelopment Areas, as established under Chapter 163, Part III, Florida Statutes. This revenue must be spent within the respective Community Redevelopment Area on capital improvements and administrative expenses.

### **Transportation Impact Fees - IFT**

In 1986, the City adopted a Transportation Impact Fee Ordinance, Chapter 56, which allows the City to charge a fee for new construction projects to ensure that development pays its fair share of the cost of new and/or expanded transportation facilities necessary to accommodate that growth. Chapter 56 created the City's three benefit areas: North, Southeast, and Southwest. Transportation Impact Fees must be properly earmarked so that the money collected is spent within the proper benefit area or on a specific road project. Impact fee revenue can only be used for growth and

development related road capacity improvements. A portion of each year's revenue is set aside for administrative costs.

### **Park Impact Fees – PFT**

In 2017 the City enacted a Park Impact Fee. The fee is assessed on new single and multi-family residential development. It serves as a dedicated funding source to bring new parks and recreational facilities to the residents of Orlando; or make enhancements or additions to the green spaces in our community.

### **FISCAL POLICY FRAMEWORK**

The following fiscal policy framework is used to guide formulation of the Capital Improvement Program each year. This framework provides guidance to balance competing priorities.

The financial policies used to formulate the CIP are as follows:

- The City shall utilize a coordinated fiscal management process that provides efficiency and flexibility in the equitable financing of needed public facilities and services and ensures the financial feasibility of the Growth Management Plan.
- The Capital Improvement Program shall be financially feasible and based to the largest extent possible on revenue sources that are under the control of the City. The Capital Improvement Program shall contain a balanced program that addresses the repair and replacement of existing public facilities, elimination of existing deficiencies, and the provision for new public facilities.
- Existing development shall be responsible for the costs associated with the repair and replacement of existing public facilities and services through the payment of ad valorem taxes, utility fees, franchise taxes, user fees, service charges and other appropriate charges.
- Existing development shall be responsible for the cost of capital improvements needed to eliminate pre-1991 existing deficiencies through property tax revenue, utility fees, local option gas tax revenue, user fees, service charges and other appropriate revenue.
- Development shall bear a proportionate share of the cost of providing new or expanded public facilities and infrastructure required to maintain adopted levels of service through impact fees, site-related developer dedications, and developer contributions.
- The City shall set aside a portion of ad valorem taxes each year for the Capital Improvement Program (CIP) Fund. The actual amount to be set aside shall be determined annually.
- Recreation and open space public facilities shall be funded primarily on a "pay as you go" basis through the Capital Improvement Program (CIP) Fund unless new dedicated revenue sources for park and recreation facilities are developed.
- Since the rehabilitation of existing parks can often increase recreation opportunities at a fraction of the cost of new development, the City shall actively rehabilitate, maintain, and upgrade existing park and recreation facilities within existing and future funding constraints.
- Transportation public facilities, as a major non-proprietary component of the Capital Improvements Element, shall have all or a portion of certain revenues targeted for capital projects on either a "pay as you go" or debt service basis.
- The City shall consider using other viable funding sources to fund transportation improvements, including the additional one-cent local option sales, and five cents local option gas tax. All countywide funding sources should be shared with the City based on a mutually agreeable formula.
- Transportation impact fee assessments to individual developments shall not exceed that development's share of the cost of anticipated roadway improvements within the transportation benefit area.

- In addition to paying transportation impact fees, new developments shall be responsible for the cost of site-related road and traffic operations improvements that are necessary for safe and adequate access to the development site.
- The City shall fund its local share of providing regional transit systems and services in a proportion equal to its share of the population to the extent that such regional costs are not funded through dedicated local tax sources or State and Federal funds. The City shall enter into an interlocal agreement with the transit provider to provide funding commensurate with receiving the adopted mass transit level of service identified in the Growth Management Plan.
- The City shall actively support the establishment of dedicated revenue sources for public transit in conjunction with the establishment of a regional multi-modal transportation agency.
- The City shall seek commitments from other local governments to fund their local share of the cost of providing regional public transit systems and services.

**Debt Management**

It is sometimes necessary to provide periodic capital infusions for which borrowing is the elective choice. An effective debt management program is intended to minimize the resultant taxpayer or user fee burden.

Managing the debt portfolio requires a broad focus on the requirements for tax-exempt and taxable debt, the use of fixed, variable and blended rate debt, and on the options of short, intermediate and long-term debt alternatives. As an active participant in a number of statewide, pooled debt programs, the City has demonstrated a willingness to join with other governmental units to provide common access to a variety of new short-term variable rate markets. By actively pursuing new pooling options, access will be provided to interim variable rate tools for capital projects.

**Debt Management Policies:**

- The City's capital program funding shall be categorized as either governmental or proprietary funds. The following table indicates the present categorization of City operating funds:

**Proprietary Funds**

Enterprise Funds:

- Wastewater System
- Stormwater Utility
- Solid Waste Management
- Parking System
- Orlando Venues (Amway Center)
- Orlando Stadiums Operations (Citrus Bowl & Tinker Field)

Internal Service Funds:

- Construction Management
- Fleet Management
- Risk Management
- Internal Loan
- Health Care
- Facility Fund

**Governmental Funds**

Special Revenue Funds:

- Community Redevelopment Agency
- Gas Tax
- Housing and Urban Development Grants
- State Housing Initiatives Partnership Program
- Transportation Impact Fee
- Park Impact Fees

**Other Governmental Funds**

- General Fund
- Debt Service Funds
- Capital Projects Funds
- Real Estate Fund

- The City shall establish specific maximums for general governmental revenues, other than ad valorem taxes, (i.e., sales taxes, gas taxes, utility service taxes, etc.), which can be made available for debt service from current or future revenue, if and when enacted, for purposes of capital project assignment and with further limits regarding the portion which could be designated for debt service repayment purposes.

- For self-sufficient proprietary funds, the annual debt service requirements (both principal and interest) shall be structured to maximize the interperiod equity consistent with existing State and Federal laws and investment banking norms.
- For special purpose governmental funds, policy shall be established to limit the portion of the revenue that can be utilized to support debt service in a manner to provide sufficient available recurring revenues for related operating and maintenance expenses and for the portion of the capital projects to be provided for on a "pay as you go" basis.
- Debt obligations of governmental funds, other than special purpose, and subsidized proprietary funds (to the extent of the subsidy required) shall be considered an obligation of the City's general governmental revenue sources.
- Pledgeable revenue sources for debt obligation shall be considered a scarce consumable resource and will be managed selectively to meet the present and future needs of the City.
- The City shall strive to employ revenue on a beneficiary association (user benefit) basis, whenever possible, within the City's limited legal capacity and flexibility.
- Whenever the City utilizes a pledgeable revenue source as a secondary revenue enhancement for capital projects, the City shall provide (a) for actual use of these revenues to be considered a loan subject to future repayment with interest, and (b) wherever possible, the release of the pledgeable revenue source for subsequent redeployment when the primary revenue is able to demonstrate market sufficient coverage factors.
- The City shall employ an active debt management strategy to minimize the impact on tax or ratepayers related to outstanding debt obligations.
- The City shall integrate short, intermediate and long-term debt to minimize aggregate debt service costs.
- The City shall develop policies and strategies regarding the maximum deployment of short or intermediate term debt in conjunction with the utilization of hedging tools (i.e., swaps, caps, etc.) to minimize the potential for future interest rate volatility.
- The City shall not rely on the use of general obligation (property tax) bonds. The City shall rely on various revenue bond alternatives where borrowing is considered appropriate.
- The City shall limit non-self-sufficient debt service to be no greater than 20 percent of non-ad-valorem general government revenues, subsidized proprietary or other government funds.
- The City shall develop an internal banking system that allows for the interim or long-term financing of capital projects in a manner designed to facilitate the timing and efficiency for access and entry into various capital markets. The City's internal banking fund shall be designed as a conduit, and shall establish a billing structure which, while recovering actual (initial and ongoing) costs incurred, passes a savings along to the individual funds (and thus to the specific revenue or enterprise operation).
- The City shall establish and/or participate in fixed, variable or blended rate pool programs that allow for the reduction in the effective initiation and on-going costs and access to markets that might not otherwise be available to either the City or other pooling participants separately.
- Bond issues will be carefully sized with a realistic assessment of the actual need for funds and will be timed for the most opportune entry into financial markets. Later in this section we present the City's debt service requirements.



**CITY OF ORLANDO, FLORIDA**  
**SUMMARY OF DEBT SERVICE REQUIREMENTS TO MATURITY**  
**ALL SERIES**  
**2019-2047**

**CITY OF ORLANDO, FLORIDA**  
**SUMMARY OF DEBT SERVICE REQUIREMENTS TO MATURITY**  
**ALL SERIES**  
**2019-2047**

Fiscal Year	Primary Government				Primary Government		Total Principal & Interest Primary Government (1)
	Governmental Activities				Business-type Activities		
	Community Redevelopment Agency Bonds	Conroy Road Tax Increment Revenue Ref. Bonds	Republic Drive Tax Increment Revenue Ref. Bonds	Capital Improvement Revenue Bonds	Wastewater Revenue Bonds	Orlando Venues Bonds	
2019	13,158,567	1,932,000	3,871,192	22,976,836	2,861,700	20,858,575	65,658,870
2020	13,160,919	1,936,750	3,872,192	22,842,403	2,861,325	22,682,300	67,355,889
2021	13,125,898	1,938,000	3,872,741	22,648,278	2,865,300	22,649,713	67,099,930
2022	13,092,526	1,940,750	3,873,491	24,118,202	2,855,775	22,639,162	68,519,906
2023	13,055,884	1,939,750	3,873,241	24,692,968	2,854,400	22,601,213	69,017,456
2024	13,018,057	1,945,000	3,871,743	23,862,268	2,848,775	22,581,650	68,127,493
2025	12,913,819	1,946,000	3,873,742	17,159,139	2,877,900	22,564,125	61,334,725
2026	12,807,247	1,947,750	-	17,653,368	2,848,650	22,546,350	57,803,365
2027	12,686,559	-	-	16,779,056	2,846,650	22,528,725	54,840,990
2028	12,563,162	-	-	17,269,798	2,844,525	20,898,775	53,576,260
2029	12,435,921	-	-	11,290,266	2,842,025	19,300,175	45,868,387
2030	12,293,710	-	-	9,496,441	2,838,900	19,285,800	43,914,851
2031	12,151,387	-	-	9,465,892	2,853,950	19,276,550	43,747,779
2032	11,994,474	-	-	9,470,667	2,833,750	19,255,025	43,553,916
2033	11,826,662	-	-	7,975,667	2,829,000	19,243,100	41,874,429
2034	11,646,753	-	-	7,987,567	-	19,227,975	38,862,295
2035	11,458,563	-	-	7,980,642	-	19,208,375	38,647,580
2036	11,260,472	-	-	7,963,692	-	19,192,475	38,416,639
2037	11,055,908	-	-	7,972,826	-	19,178,400	38,207,134
2038	10,837,876	-	-	5,976,655	-	18,164,100	34,978,631
2039	10,605,668	-	-	2,974,250	-	17,143,125	30,723,043
2040	10,368,821	-	-	2,964,500	-	-	13,333,321
2041	-	-	-	2,964,875	-	-	2,964,875
2042	-	-	-	2,960,000	-	-	2,960,000
2043	-	-	-	2,964,500	-	-	2,964,500
2044	-	-	-	2,958,125	-	-	2,958,125
2045	-	-	-	2,950,875	-	-	2,950,875
2046	-	-	-	2,952,250	-	-	2,952,250
2047	-	-	-	2,946,875	-	-	2,946,875
	<u>\$ 267,518,853</u>	<u>\$ 15,526,000</u>	<u>\$ 27,108,342</u>	<u>\$ 322,218,881</u>	<u>\$ 42,762,625</u>	<u>\$ 431,025,688</u>	<u>\$ 1,106,160,389</u>

**Notes:**

(1) This schedule represents only bonded indebtedness; therefore, the Sunshine State Governmental Financing Commission (SSGFC) loans, the State Infrastructure Bank (SIB) loan, and the Wastewater State Revolving Fund loans are not included in this schedule. For information regarding the SSGFC loans, the SIB Loan, and the State Revolving Fund loans, see pages \_\_\_ through \_\_\_.

**CITY OF ORLANDO, FLORIDA**  
**GOVERNMENTAL FUND REVENUES**  
**LAST EIGHT FISCAL YEARS**  
*(modified accrual basis of accounting)*  
*(in thousands of dollars)*

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>
<b>Revenues</b>								
Property Taxes	178,210	159,237	145,100	\$ 128,497	\$ 102,111	\$ 98,782	\$ 99,143	\$ 102,301
Local Option Fuel Tax	9,590	9,257	8,901	8,471	8,218	-	-	-
Communication Services	14,136	13,498	13,709	14,221	14,559	-	-	-
Local Business	9,774	9,948	9,742	8,434	8,101	-	-	-
Utilities Services Tax	32,090	31,298	31,525	30,341	30,114	28,744	42,434	44,574
Intergovernmental:								
Orlando Utilities Commission Contribution	60,616	59,061	55,719	53,211	48,622	47,000	47,161	47,976
State Sales Tax	46,106	41,787	39,429	37,903	35,612	33,415	30,998	29,801
Other Intergovernmental	93,499	82,707	77,331	67,267	77,724	97,011	82,470	95,550
Franchises fees	33,113	31,532	31,852	31,077	30,032	57,130	42,634	42,362
Licenses, Permits and Fees	39,866	29,985	29,801	26,122	23,312	52,197	38,712	32,421
Charges for Services	70,343	74,930	74,884	68,471	60,470			
Fines and forfeitures	6,207	4,748	3,829	3,274	3,081	3,600	3,359	3,461
Investment earnings	3,844	6,029	14,448	3,933	8,389	(3,268)	19,553	11,270
Special Assessments	57,384	753	5,366	1,526	3,398	1,881	1,861	1,292
Other revenue	18,910	12,889	14,569	10,910	7,242	32,792	36,484	37,668
Total revenue	<u>\$ 673,688</u>	<u>\$ 567,658</u>	<u>\$ 556,205</u>	<u>\$ 493,658</u>	<u>\$ 460,985</u>	<u>\$ 449,284</u>	<u>\$ 444,809</u>	<u>\$ 448,676</u>

**Notes:** As part of the implementation of a new computer system in FY 2014, the City modified its chart of accounts to more closely align with the recommendations from the State of Florida

**CITY OF ORLANDO, FLORIDA  
 ASSESSED VALUE AND ESTIMATED ACTUAL VALUE OF TAXABLE PROPERTY  
 LAST TEN FISCAL YEARS**

<b>Fiscal Year Ended Sept. 30,</b>	<b>Real Property</b>	<b>Personal Property</b>	<b>Centrally Assessed Property</b>	<b>Less: Tax Exempt Property</b>	<b>Total Taxable Assessed Value</b>	<b>Total Direct Tax Rate</b>	<b>Estimated Actual Taxable Value</b>	<b>Assessed Value as a Percentage of Actual Value<sup>(1)</sup></b>
2011	24,461,788,554	4,237,364,431	2,680,548	9,992,734,864	18,709,098,669	5.6500	36,485,554,283	78.666
2012	23,905,294,724	4,359,002,821	3,973,236	10,067,071,228	18,201,199,553	5.6500	36,053,309,056	78.407
2013	24,297,138,448	4,506,800,257	3,852,456	10,611,947,227	18,195,843,934	5.6500	36,782,903,504	78.318
2014	24,154,374,015	4,586,231,797	4,629,753	9,924,686,112	18,820,549,453	5.6500	36,760,143,626	78.197
2015	25,651,931,308	4,645,979,060	4,735,156	10,225,715,639	20,076,929,885	6.6500	38,630,712,526	78.442
2016	28,491,608,827	4,963,496,780	4,154,251	10,568,108,041	22,891,151,817	6.6500	42,548,233,647	78.638
2017	31,897,749,099	4,769,282,530	1,668,400	11,713,926,589	24,954,773,440	6.6500	46,199,854,828	79.370
2018	35,289,831,510	5,062,289,127	4,399,743	12,410,304,034	27,946,216,346	6.6500	50,726,010,627	79.558
2019	39,011,369,442	5,403,248,608	4,718,546	13,370,572,678	31,048,763,918	6.6500	55,724,535,679	79.712
2020	43,864,459,538	5,740,672,793	4,579,468	15,601,773,417	34,007,938,382	6.6500	62,047,412,880	79.955

(1) Includes tax exempt property.

**Source:** Orange County Property Appraiser (Recapitulation of the Ad Valorem Assessment Rolls, DR-403)

**Note:** (1) Assessed values are determined as of January 1 for each fiscal year.

(2) Real Property is assessed at 85% of estimated market value and Personal Property assessments at 55%. Estimated actual taxable value is calculated by dividing assessed value by those percentages.

(3) Centrally assessed property consists of the railroad lines which are assessed by the State of Florida.

(4) Tax rates are per \$1,000 of assessed value.

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City of Orlando  
2019/2020 Capital Improvement Program by Funding Source Adopted Capital Budget

The following schedule outlines the projects approved by the City Council in the FY 2019/2020 Budget Resolution and is considered the approved capital budget.

	<u>2019/20</u>	<u>Function</u>	<u>CIE</u>
<b>Capital Improvement (General Fund)</b>			
Affordable Housing	\$ 2,000,000	INF	N
Athletic Field Maintenance	591,000	REC	N
Bridge Maintenance and Repair	125,000	STR	N
DPAC R&R Contribution	1,791,078	REC	N
Electric Vehicle Charging Stations	800,000	GEN	N
Facility Evaluation, Repairs, and Rehabilitation	1,432,100	PUB	N
Fire Equipment Replacement	1,200,000	PSF	N
Information Technology Enhancements	2,130,000	GEN	N
Information Technology Hardware & Software Updates	210,000	GEN	N
Information Technology Security Measures	400,000	GEN	N
Leu Gardens Restroom Renovations	195,000	REC	N
Miscellaneous Sidewalk Repair	300,000	TRA	Y
OPD Parking Improvements	450,000	PSF	N
Operational Efficiency Project	260,000	GEN	N
Parks and Playground Renovation Project	1,175,000	REC	Y
Pavement Rehabilitation	2,500,000	TRA	N
Police Equipment Replacement	2,315,000	PSF	N
Recreation Facility Renovations and Maintenance	1,690,000	REC	N
Recreation Pools & Courts	440,000	REC	N
Renewable Energy for City Facilities	2,338,503	PUB	N
School Safety Sidewalk Program	600,000	TRA	Y
Sidewalk Remediation Program	850,000	TRA	Y
Southeast Projects	1,050,000	TRA	Y
Transportation System Equipment and Maintenance	300,000	TRA	N
<b>Capital Improvement Fund Total</b>	<u>\$ 25,142,681</u>		

City of Orlando  
2019/2020 Capital Improvement Program by Funding Source Adopted Capital Budget

The following schedule outlines the projects approved by the City Council in the FY 2019/2020 Budget Resolution and is considered the approved capital budget.

		<u>2019/20</u>	<u>Function</u>	<u>CIE</u>
<b>Fleet Management</b>				
Compound Decontamination and Improvements		1,000,000	PUB	N
<b>Fleet Management Fund Total</b>		\$ 1,000,000		
<b>Gas Tax</b>				
ADA Transition Plan		\$ 300,000	STR	Y
Bicycle Plan Implementation		150,000	TRA	Y
Brick Street Restoration		100,000	TRA	N
Bridge Maintenance and Repair		125,000	STR	N
Intersection Safety Improvements		400,000	TRA	N
LYNX Annual Contribution		4,029,469	TRA	Y
Miscellaneous Sidewalk Repair		200,000	TRA	Y
New Traffic Signal Locations		100,000	TRA	Y
Pavement Marking Maintenance		450,000	TRA	N
Pavement Rehabilitation		2,500,000	TRA	N
Railroad Crossing Maintenance		120,000	TRA	N
Regional Computerized Signal System		100,000	TRA	N
Robinson Street "Complete Streets"		300,000	TRA	Y
School Safety Sidewalk Program		100,000	TRA	Y
SunRail Corridor Quiet Zone		400,000	TRA	N
Traffic Counts and Travel Time Studies		350,000	TRA	N
Traffic Signal Refurbishing Program		200,000	TRA	N
<b>Gas Tax Total</b>		\$ 9,924,469		
<b>Transportation Impact Fees</b>				
Alden/Lake Highland Realignment		\$ 500,000	TRA	Y
Lincoln SunRail Station Funding Agreement		500,000	TRA	Y
Terry Avenue Extension		332,000	TRA	Y
Narcoossee Widening: SR 528 - SR 417		2,800,000	TRA	Y
New Traffic Signal Locations		150,000	TRA	Y
Grand National Dr.: Oakridge Rd. to Sand Lake Rd.		3,000,000	TRA	Y
Millenia & Oak Ridge Dual Left SB		300,000	TRA	Y
New Traffic Signal Locations		150,000	TRA	Y
Raleigh Street Improvements		500,000	TRA	Y
Transportation Studies/Professional Services		150,000	TRA	N
<b>Transportation Impact Fees Total</b>		\$ 8,382,000		



City of Orlando  
2019/2020 Capital Improvement Program by Funding Source Adopted Capital Budget

The following schedule outlines the projects approved by the City Council in the FY 2019/2020 Budget Resolution and is considered the approved capital budget.

	<u>2019/20</u>	<u>Function</u>	<u>CIE</u>
<b>Water Reclamation Impact Fees Fund</b>			
Conserv I Treatment Plant Improvements	\$ 7,500,000	WAS	N
<b>Water Reclamation Impact Fees Fund</b>	\$ 7,500,000		
 <b>Water Reclamation Renewal and Replacement Fund</b>			
Lift Station Underground Rehabilitation	\$ 1,500,000	WAS	Y
Lift Station Site Improvements	250,000	WAS	Y
<b>Water Reclamation Renewal and Replacement Fund</b>	\$ 1,750,000		
 <b>Water Reclamation Projects</b>			
Conserv I Area Collection System Improvements	\$ 800,000	WAS	Y
Conserv I South Reclaimed Water Main	100,000	WAS	Y
Conserv II Equalization Pumping Station Rehab	4,000,000	WAS	N
Conserv II Plant Water System Evaluation	500,000	WAS	N
Conserv II Press Building Rehab	150,000	WAS	N
Conserv II Secondary Weir Washing Device Installed	160,000	WAS	N
Inflow & Infiltration Reduction Project	750,000	WAS	N
Iron Bridge Grit System Replacement	4,500,000	WAS	N
Iron Bridge Ventilation for Biosolids Press Room	500,000	WAS	N
Lift Station Odor Control	250,000	WAS	N
Lift Station Rehabilitation	650,000	WAS	N
Lift Stations Electrical Safety Improvements	1,350,000	WAS	N
Lift Stations Emergency Generators	2,400,000	WAS	Y
Reclaimed Water System Valve Replacements	1,000,000	WAS	N
Sanitary Service Lateral Rehabilitation	1,500,000	WAS	Y
Sanitary System Corrosion Abatement	1,500,000	WAS	N
Sanitary upgrades with other projects	1,000,000	WAS	Y
<b>Water Reclamation Projects Total</b>	\$ 21,110,000		
 <b>Stormwater Capital</b>			
Lake Lawne Property Acquisition & Treatment	\$ 180,000	STR	Y
Rapid Response Construction	500,000	STR	Y
Stormwater System Construction	500,000	STR	Y
System Repair and Rehabilitation	500,000	STR	Y
<b>Stormwater Capital Total</b>	\$ 1,680,000		

City of Orlando  
2019/2020 Capital Improvement Program by Funding Source Adopted Capital Budget

The following schedule outlines the projects approved by the City Council in the FY 2019/2020 Budget Resolution and is considered the approved capital budget.

	<u>2019/20</u>	<u>Function</u>	<u>CIE</u>
<b>Parking Projects</b>			
55 West Maintenance and Repairs	\$ 100,000	TRA	N
Administration Center Garage Repair/Maintenance	200,000	TRA	N
Central Blvd Garage Repair and Maintenance	150,000	TRA	N
Courthouse Garage Repair and Maintenance	120,000	TRA	N
Jefferson Garage Capital Repairs	150,000	TRA	N
Library Garage Repair and Maintenance	373,000	TRA	N
<b>Parking Projects Total</b>	<u>\$ 1,093,000</u>		
<b>Solid Waste Fund</b>			
Solid Waste Consolidate Facilities Construction	\$ 4,000,000	SOL	Y
CBD Waste & Recycling Center	400,000	SOL	Y
<b>Solid Waste Fund Total</b>	<u>\$ 4,400,000</u>		
<b>Community Redevelopment Agency &amp; Downtown Development Board</b>			
Downtown Capital Maintenance	\$ 775,000	ECD	N
Downtown Lighting	1,000,000	ECD	N
DTO Implementation	6,000,000	ECD	N
Parramore Housing Initiative	2,000,000	ECD	N
Streetscape Improvements	500,000	ECD	Y
Under I Design	1,000,000	ECD	N
<b>Community Redevelopment Agency &amp; Downtown Development Board Total</b>	<u>\$ 11,275,000</u>		
<b>Downtown South Neighborhood Improvement District Fund</b>			
DSNID Projects	\$ 1,160,000	INF	N
<b>Downtown South Neighborhood Improvement District Total</b>	<u>\$ 1,160,000</u>		
<b>Dubsdread Golf Course Renewal &amp; Replacement</b>			
Dubsdread Clubhouse Improvements	\$ 72,000	REC	N
Dubsdread Course/Grounds Maintenance	68,000	REC	N
Dubsdread Equipment	85,000	REC	N
<b>Dubsdread Golf Course Renewal &amp; Replacement Total</b>	<u>\$ 225,000</u>		
<b>Real Estate Acquisition Fund</b>			
Real Estate Acquisition	\$ 1,000,000	GEN	N
<b>Real Estate Acquisition Fund Total</b>	<u>\$ 1,000,000</u>		
<b>CIP Total</b>	<u>\$ 95,642,150</u>		



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## 2020/2024 CAPITAL BUDGET

### Capital Budget by Funding Source

The first year of the five-year CIP is referred to as the Capital Budget. The FY 2019/20 Capital Budget includes 95 projects totaling \$95.6 million. The following chart displays the Capital Budget by funding source.

### Capital Improvement Fund

The Capital Improvement (CIP) fund is considered a competitive funding source. A total of 24 projects amounting to \$25.1 million is recommended for CIP funding in FY 2019/2020.

### Local Option Gas Tax Fund

Transportation projects will receive \$9.9 million in funding generated by the Six-Cent Local Option Gas Tax as well as Fund Balance during FY 2019/2020. Gas Tax revenue is spent across 17 projects for repair, replacement and expansion of the existing road system, public transportation and debt service.

### Service Charges

Service Charges (SC), both external and internal, are used for Water Reclamation, Solid Waste, Parking and vehicle and equipment replacement projects. SC funding for FY 2019/2020 totals \$28,4 million and funds 27 projects.

### Stormwater Utility Fees

The Stormwater Utility Fee (SU) should generate \$25.7 million in FY 2019/2020. A portion is reserved for capital improvements, with the balance allocated toward operating and maintenance expenses. Stormwater improvements during FY 2019/2020 will include 4 projects at a cost of \$1.7 million.

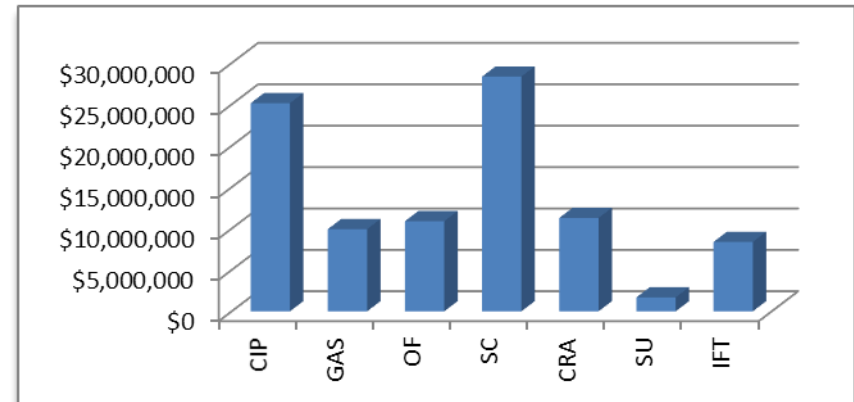
### Transportation Impact Fees

The City collects Transportation Impact Fees (IFT) from new development to ensure that the new development pays its fair share

of the cost of new and/or expanded transportation facilities needed to accommodate the development. The City has three benefit areas and impact fees are earmarked so that money collected in a benefit area is spent in that area. A portion of this revenue is set aside for administrative costs and the remainder is allocated for transportation capital projects. Transportation impact fees will fund 10 projects and debt service totaling \$8.4 million in FY 2019/2020.

### Other Funds

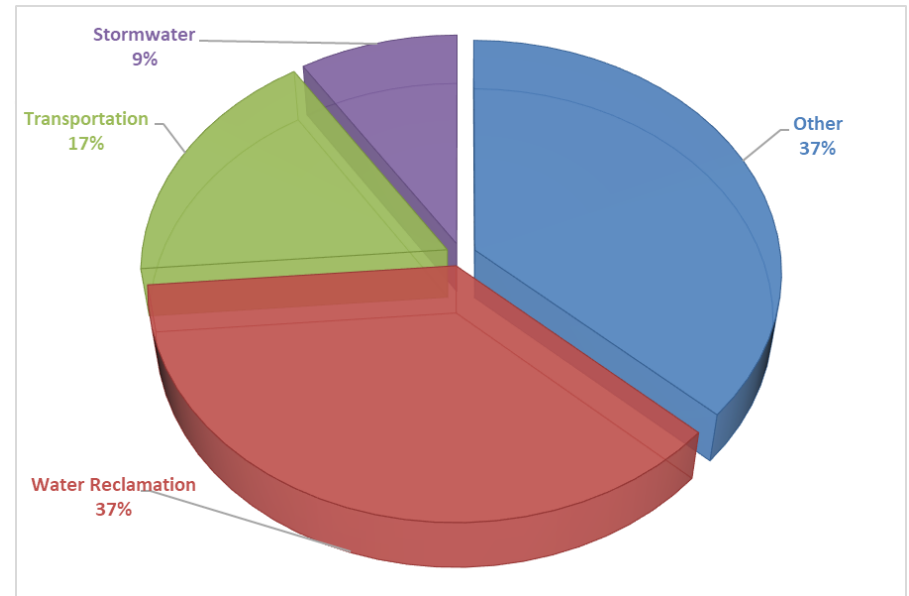
For FY2019/2020 other funds include economic development projects funded through the use of Community Redevelopment Agency, Downtown Development Board Funds, Downtown South Neighborhood Improvement District, Dubsread Golf Course and the new created Real Estate Acquisition Fund. These sources will fund 10 projects totaling \$10.9 million.



CIP	Capital Improvement Fund	CRA	Community Redevelopment Agency
Gas Tax	Gas Tax Fund	SU	Stormwater Utility Fund
OF	Other Funds	IFT	Transportation Impact Fees
SC	Service Charges		

### Capital Budget by Type of Service

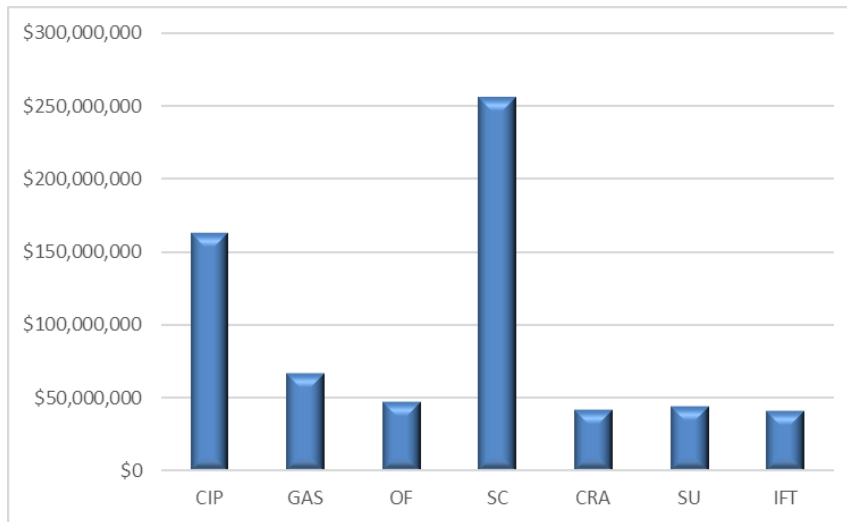
The following chart illustrates the FY 2019/2020 Capital Budget by type of service. Water Reclamation projects capture 37% of funding, Transportation projects account for 17% and Stormwater 9% of the total expenditures, for a combined total of 63%. Recreation and Culture, General Government, Public Safety, Facilities Management and Economic Development account for the remaining 37%. Stormwater, Solid Waste and Water Reclamation capital projects have dedicated, relatively stable funding mechanisms (user fees) in place to cover capital costs. Recreation and Culture, General Government, Public Safety, and Facilities Management rely heavily on CIP funding. Transportation projects have dedicated sources in Gas Tax and Transportation Impact Fees, but also rely on a variety of other funding sources.



Water Reclamation	\$	30,360,000
Transportation		22,974,469
Stormwater		2,780,000
Solid Waste		4,400,000
Recreation & Culture		6,107,078
Economic Development		12,325,000
Community Infrastructure		3,160,000
Facilities Management		6,020,603
General Government		4,000,000
Public Safety		<u>3,515,000</u>
<b>TOTAL</b>	<b>\$</b>	<b>95,642,150</b>

### Five Year CIP by Funding Source

The following chart depicts the five-year CIP by funding source, which shows that Service Charges will account for a large portion of capital spending during the five-year program contributing \$256 million. In addition, Stormwater Utility will contribute \$45 million and Gas Tax \$67 million.



The Capital Improvement Fund is indicated to provide \$163 million over the five-year program. As stated earlier in this document, the Capital Improvement Program is not a commitment to expenditures or appropriations beyond the first year, except for those capital improvements programmed in the Capital Improvements Element (CIE). The majority of the projects shown under the Capital Improvement Fund are not CIE projects. The actual amount funded each year from this source will be determined during each annual budget process.

Transportation Impact Fee revenue will supply \$41 million for transportation improvements over the five-year budget period.

Funding from all Other Funds over the five-year period are currently projected to be \$48 million.

CIP	Capital Improvement Fund	CRA	Community Redevelopment Agency
Gas Tax	Gas Tax Fund	SU	Stormwater Utility Fund
OF	Other Funds	IFT	Transportation Impact Fees
SC	Service Charges		

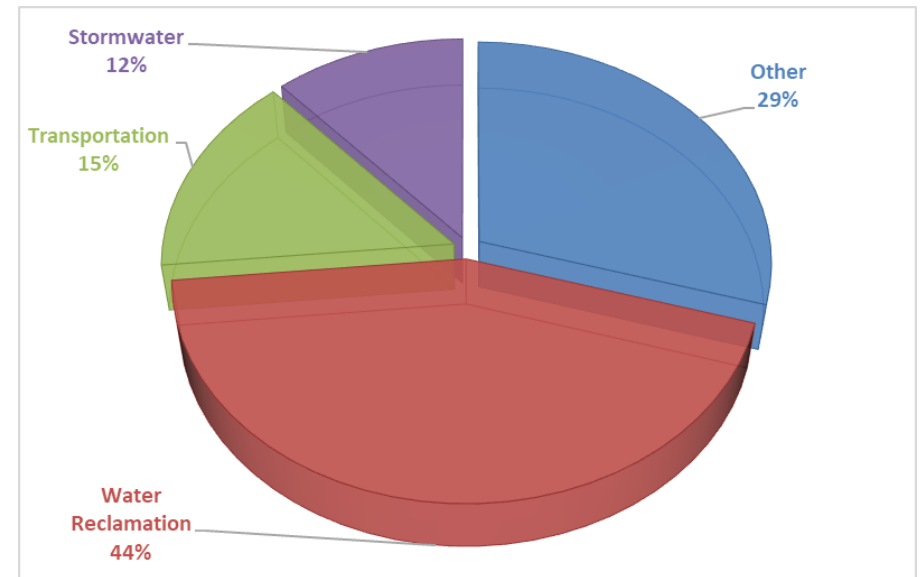
## Five Year CIP by Type of Service

The following chart shows the relative level of funding in 2020-2024 Capital Improvement Program by type of service.

Demand for Water Reclamation and City services work outpaces demands for Transportation. However, demand for these improvements must be tempered by the desire and ability to fund those improvements. Population, economic growth and tourism place pressure on both existing infrastructure and the City's ability to keep pace with new growth.

Transportation projects are balanced against anticipated revenues. However, due to limited revenues, maintenance, operations, safety and capacity improvements may not be totally funded. As a result, a number of projects may be deferred and the City's ability to adhere to service levels may be hindered. Growth Management Plan amendments may be necessary to lower adopted level of service standards. Continuing roadway analyses will be performed to evaluate these conditions. Lobbying will continue on new/additional revenue sources.

The Water Reclamation, Solid Waste and Stormwater programs have dedicated funding sources. The recommended programs for these services are financially feasible. The Recreation and Culture, General Government, Economic Development, Facility Management and Public Safety projects rely largely on competitive funding, primarily through the CIP Fund. The last five types of services boost the needed funding level for the CIP fund.



### 2020-2024 Program Summary

The program summary shown on the following page represents a \$662 million public and private capital investment in the City of Orlando. The program summary reflects funding for FY 2020-2024 by function and by funding source.

### 2020-2024 Fund Schedule

The 2020-2024 Capital Improvement Fund Schedule shows all capital improvements broken down by funding source. Nine categories of funding sources are identified in this program. Funding source descriptions and projections are given later in this section. This schedule gives the project name and breakdown of project funding over the five-year program.



## 2020 - 2024 CAPITAL IMPROVEMENT PROGRAM

### PROGRAM SUMMARY BY FUNCTION

Function	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>2022/2023</u>	<u>2023/2024</u>	<u>Total</u>
Economic Development	\$ 12,325,000	\$ 9,430,000	\$ 8,660,000	\$ 7,940,000	\$ 9,960,000	48,315,000
Community Infrastructure	3,160,000	5,700,000	5,600,000	5,350,000	5,450,000	25,260,000
General Government	4,000,000	2,159,501	1,050,000	1,000,000	1,000,000	9,209,501
Public Safety	3,515,000	2,800,000	7,600,000	17,600,000	2,600,000	34,115,000
Public Facilities	6,020,603	7,549,279	7,174,880	7,245,800	7,000,000	34,990,562
Recreation and Culture	6,107,078	7,655,811	5,351,155	12,128,160	12,486,874	43,729,078
Solid Waste	4,400,000	1,677,000	1,477,000	735,000	763,000	9,052,000
Stormwater	2,780,000	9,357,109	9,730,000	8,230,000	16,830,000	46,927,109
Transportation	22,974,469	28,318,059	26,663,260	25,326,105	28,300,000	131,581,893
Wastewater	30,360,000	109,300,000	50,000,000	47,400,000	41,500,000	278,560,000
Total	<u>\$ 95,642,150</u>	<u>\$ 183,946,759</u>	<u>\$ 123,306,295</u>	<u>\$ 132,955,065</u>	<u>\$ 125,889,874</u>	<u>\$ 661,740,143</u>

### PROGRAM SUMMARY BY FUNDING SOURCE

Funding Source	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>2022/2023</u>	<u>2023/2024</u>	<u>Total</u>
Capital Improvement Fund	\$ 25,142,681	\$ 29,019,591	\$ 29,911,035	\$ 46,838,960	\$ 31,971,874	\$ 162,884,141
Gas Tax	9,924,469	11,135,059	16,818,260	15,801,105	13,145,000	66,823,893
Other Funds	22,160,000	39,770,000	9,550,000	8,450,000	10,350,000	90,280,000
Service Charges	28,353,000	83,552,000	52,247,000	48,885,000	42,543,000	255,580,000
Stormwater Utility	1,680,000	9,107,109	9,480,000	7,980,000	16,580,000	44,827,109
Transportation Impact Fee	8,382,000	11,363,000	5,300,000	5,000,000	11,300,000	41,345,000
Total	<u>\$ 95,642,150</u>	<u>\$ 183,946,759</u>	<u>\$ 123,306,295</u>	<u>\$ 132,955,065</u>	<u>\$ 125,889,874</u>	<u>\$ 661,740,143</u>

**City of Orlando  
2020-2024 Capital Improvement Program  
by Funding Source**

		<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>2022/2023</u>	<u>2023/2024</u>	<u>FIVE YEAR</u>	<u>CIE</u>
<b>Capital Improvement Fund</b>								
Affordable Housing	ECD	\$ 2,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 22,000,000	N
Athletic Field Maintenance	GEN	591,000	641,000	641,000	641,000	641,000	3,155,000	N
Bob Carr	GEN	-	3,500,000	-	-	-	3,500,000	N
Bridge Maintenance and Repair	GEN	125,000	125,000	125,000	125,000	125,000	625,000	N
DPAC R&R Contribution	GEN	1,791,078	1,844,811	1,900,155	1,957,160	2,015,874	9,509,078	N
Electric Vehicle Charging Stations	GEN	800,000	-	-	-	-	800,000	N
Facility Evaluation, Repairs, and Rehabilitation	GEN	1,432,100	1,112,600	1,174,880	1,245,800	1,000,000	5,965,380	N
Fire Equipment Replacement	INF	1,200,000	1,300,000	1,300,000	1,300,000	1,300,000	6,400,000	N
Fire Training and Admin Facility - Phase I	PSF	-	100,000	5,000,000	15,000,000	-	20,100,000	N
Information Technology Enhancements	PSF	2,130,000	559,501	-	-	-	2,689,501	N
Information Technology Hardware & Software Updates	PSF	210,000	-	-	-	-	210,000	N
Information Technology Security Measures	PSF	400,000	-	-	-	-	400,000	N
Leu Gardens Restroom Renovations	PSF	195,000	-	-	-	-	195,000	N
Low or No Emission Vehicle Program – Grant Match	PSF	-	850,000	-	-	-	850,000	N
Magic Grill Concept Conversion & Renovation	PSF	-	500,000	-	-	-	500,000	N
Microfilm Digitizing	PSF	-	100,000	-	-	-	100,000	N
Miscellaneous Sidewalk Repair	PSF	300,000	300,000	300,000	300,000	300,000	1,500,000	Y
OPD Parking Improvements	PUB	450,000	-	-	-	-	450,000	N
Operational Efficiency Project	PUB	260,000	-	-	-	-	260,000	N
Parks and Playground Renovation Project	PUB	1,175,000	1,240,000	1,380,000	1,200,000	1,400,000	6,395,000	Y
Pavement Rehabilitation	PUB	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000	N
Phone System Upgrade	PUB	-	500,000	50,000	-	-	550,000	N
Police Equipment Replacement	PUB	2,315,000	1,300,000	1,300,000	1,300,000	1,300,000	7,515,000	N
Real Time Crime Center (RTCC)	REC	-	100,000	-	-	-	100,000	N
Recreation Facility Renovations and Maintenance	REC	1,690,000	390,000	390,000	390,000	390,000	3,250,000	N
Recreation Pools & Courts	REC	440,000	290,000	290,000	290,000	290,000	1,600,000	N
Renewable Energy for City Facilities	REC	2,338,503	2,936,679	6,000,000	6,000,000	6,000,000	23,275,182	N
School Safety Sidewalk Program	REC	600,000	600,000	600,000	600,000	600,000	3,000,000	Y
Sidewalk Remediation Program	REC	850,000	-	-	-	-	850,000	Y
Signature Park Improvements	REC	-	800,000	500,000	7,500,000	7,600,000	16,400,000	Y
Southeast Projects	REC	1,050,000	1,130,000	1,160,000	1,190,000	1,210,000	5,740,000	Y
Terrace Level Quad C Buildout in Amway Center	REC	-	1,000,000	-	-	-	1,000,000	N
Transportation System Equipment and Maintenance	REC	300,000	300,000	300,000	300,000	300,000	1,500,000	N
<b>Capital Improvement Fund Total</b>		<b>\$ 25,142,681</b>	<b>\$ 29,019,591</b>	<b>\$ 29,911,035</b>	<b>\$ 46,838,960</b>	<b>\$ 31,971,874</b>	<b>\$ 162,884,141</b>	

**City of Orlando  
2020-2024 Capital Improvement Program  
by Funding Source**

		<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>2022/2023</u>	<u>2023/2024</u>	<u>FIVE YEAR</u>	<u>CIE</u>
<b>Gas Tax Fund</b>								
ADA Transition Plan	STR	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000	Y
Bicycle Plan Implementation	TRA	150,000	200,000	200,000	200,000	200,000	950,000	Y
Brick Street Restoration	TRA	100,000	100,000	100,000	100,000	100,000	500,000	N
Bridge Maintenance and Repair	STR	125,000	125,000	125,000	125,000	125,000	625,000	N
Corrine Drive/Virginia Drive	TRA	-	-	-	5,000,000	5,000,000	10,000,000	Y
Curb Ramp Construction and Curb Repair	TRA	-	150,000	-	150,000	-	300,000	Y
Intersection Safety Improvements	TRA	400,000	400,000	400,000	400,000	400,000	2,000,000	N
LYNX Annual Contribution	TRA	4,029,469	4,110,059	4,192,260	4,276,105	-	16,607,893	Y
Miscellaneous Sidewalk Repair	TRA	200,000	200,000	200,000	200,000	200,000	1,000,000	Y
New Traffic Signal Locations	TRA	100,000	100,000	100,000	100,000	100,000	500,000	N
Pavement Marking Maintenance	TRA	450,000	450,000	450,000	450,000	450,000	2,250,000	N
Pavement Rehabilitation	TRA	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000	N
Pres. Barack Obama Parkway Phase 2	TRA	-	-	-	-	2,500,000	2,500,000	Y
Railroad Crossing Maintenance	TRA	120,000	-	120,000	-	120,000	360,000	N
Regional Computerized Signal System	TRA	100,000	100,000	100,000	100,000	100,000	500,000	N
Robinson Street "Complete Streets"	TRA	300,000	1,000,000	6,481,000	-	-	7,781,000	Y
School Safety Sidewalk Program	TRA	100,000	100,000	100,000	100,000	100,000	500,000	Y
SunRail Corridor Quiet Zone	TRA	400,000	400,000	400,000	400,000	400,000	2,000,000	N
Traffic Counts and Travel Time Studies	TRA	350,000	200,000	350,000	200,000	350,000	1,450,000	N
Traffic Signal Refurbishing Program	TRA	200,000	200,000	200,000	200,000	200,000	1,000,000	N
Virginia Drive Improvements	TRA	-	500,000	500,000	1,000,000	-	2,000,000	Y
<b>Gas Tax Total</b>		<b>\$ 9,924,469</b>	<b>\$ 11,135,059</b>	<b>\$ 16,818,260</b>	<b>\$ 15,801,105</b>	<b>\$ 13,145,000</b>	<b>\$ 66,823,893</b>	

**City of Orlando**  
**2020-2024 Capital Improvement Program**  
**by Funding Source**

		<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>2022/2023</u>	<u>2023/2024</u>	<u>FIVE YEAR</u>	<u>CIE</u>
<b>Other Funds</b>								
Bill Fredrick Park Lift Station Improvements	WAS	\$ -	\$ 1,950,000	\$ -	\$ -	\$ -	\$ 1,950,000	N
Centroplex I Garage Repair and Maintenance	TRA	-	160,000	100,000	100,000	-	360,000	N
Centroplex II Garage Capital Repairs	TRA	-	160,000	100,000	100,000	-	360,000	N
Commercial Collection Vehicles	SOL	-	770,000	770,000	383,000	383,000	2,306,000	Y
Compound Decontamination and Improvements	PUB	1,000,000	-	-	-	-	1,000,000	N
Conserv I Reclaimed Water Storage	WAS	-	-	6,500,000	-	-	6,500,000	N
Conserv I Treatment Plant Improvements	WAS	7,500,000	28,500,000	-	-	-	36,000,000	N
Conserv II Area Collection System Improvements	WAS	-	4,750,000	2,500,000	3,000,000	3,500,000	13,750,000	Y
Conserv II Deep Bed Filters	WAS	-	-	-	1,400,000	13,000,000	14,400,000	N
Conserv II Process Improvements and Upgrades	WAS	-	500,000	2,500,000	-	-	3,000,000	N
Conserv II RIB Site 1 & 10 Expansion	WAS	-	4,000,000	-	-	-	4,000,000	Y
DSNID Projects	INF	1,160,000	700,000	600,000	350,000	450,000	3,260,000	N
Dubsdread Clubhouse Improvements	REC	72,000	-	150,000	75,000	50,000	347,000	N
Dubsdread Course/Grounds Maintenance	REC	68,000	950,000	-	25,000	25,000	1,068,000	N
Dubsdread Equipment	REC	85,000	-	100,000	50,000	75,000	310,000	N
Downtown Capital Maintenance	ECD	775,000	300,000	250,000	250,000	250,000	1,825,000	N
Downtown Lighting	ECD	1,000,000	500,000	250,000	250,000	500,000	2,500,000	N
DTO Implementation	ECD	6,000,000	2,000,000	2,000,000	2,000,000	3,000,000	15,000,000	N
Easterly Wetlands Restoration	WAS	-	-	500,000	500,000	-	1,000,000	N
Iron Bridge Area Collection System Improvements	WAS	-	2,000,000	2,500,000	3,000,000	3,500,000	11,000,000	Y
Iron Bridge Biosolids Disposal Improvements	WAS	-	5,000,000	-	-	-	5,000,000	N
Iron Bridge DOO1 Flume Modification	WAS	-	200,000	2,000,000	-	-	2,200,000	N
Line Sewers	WAS	-	2,000,000	2,000,000	2,000,000	2,000,000	8,000,000	N
LS1,2,3 and 4 Force Main Evaluation	WAS	-	10,000,000	10,000,000	10,000,000	-	30,000,000	N
Parramore Housing Initiative	ECD	2,000,000	3,500,000	3,000,000	2,000,000	2,000,000	12,500,000	N
Rapid Response Construction	WAS	-	2,500,000	2,500,000	3,000,000	-	8,000,000	N
Streetscape Improvements	ECD	500,000	1,000,000	500,000	250,000	500,000	2,750,000	Y
Under I Design	ECD	1,000,000	1,000,000	1,500,000	2,000,000	2,500,000	8,000,000	N
Real Estate Acquisition	GEN	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	N
Residential/Recycling Collection Vehicles	SOL	-	707,000	707,000	352,000	380,000	2,146,000	Y
Sewage Air Release Valve Replacement		-	1,500,000	1,500,000	1,500,000	1,500,000	6,000,000	N
<b>Other Funds Total</b>		<b>\$ 22,160,000</b>	<b>\$ 73,440,000</b>	<b>\$ 41,320,000</b>	<b>\$ 31,733,000</b>	<b>\$ 32,733,000</b>	<b>\$ 201,386,000</b>	

**City of Orlando  
2020-2024 Capital Improvement Program  
by Funding Source**

		<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>2022/2023</u>	<u>2023/2024</u>	<u>FIVE YEAR</u>	<u>CIE</u>
<b>Service Charges</b>								
Lift Station Site Improvements	WAS	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000	Y
Lift Station Underground Rehabilitation	WAS	1,500,000	1,500,000	1,500,000	1,500,000	-	6,000,000	Y
Conserv I Area Collection System Improvements	WAS	800,000	2,500,000	2,500,000	2,500,000	3,000,000	11,300,000	Y
Conserv I South Reclaimed Water Main	WAS	100,000	1,900,000	-	-	-	2,000,000	Y
Conserv II Equalization Pumping Station Rehab	WAS	4,000,000	4,000,000	-	-	-	8,000,000	N
Conserv II Plant Water System Evaluation	WAS	500,000	-	-	-	-	500,000	N
Conserv II Press Building Rehab	WAS	150,000	-	-	-	-	150,000	N
Conserv II Secondary Weir Washing Device Installed	WAS	160,000	-	-	-	-	160,000	N
GEICO Garage Repairs and Maintenance	TRA	-	250,000	200,000	-	-	450,000	N
Inflow & Infiltration Reduction Project	WAS	750,000	1,000,000	1,000,000	1,500,000	-	4,250,000	N
Iron Bridge Grit System Replacement	WAS	4,500,000	-	-	-	-	4,500,000	N
Iron Bridge Ventilation for Biosolids Press Room	WAS	500,000	-	-	-	-	500,000	N
Lift Station Odor Control	WAS	250,000	250,000	250,000	250,000	250,000	1,250,000	N
Lift Station Rehabilitation	WAS	650,000	-	3,000,000	8,000,000	8,000,000	19,650,000	N
Lift Stations Electrical Safety Improvements	WAS	1,350,000	4,500,000	2,500,000	2,500,000	2,500,000	13,350,000	N
Lift Stations Emergency Generators	WAS	2,400,000	2,500,000	2,500,000	2,500,000	-	9,900,000	Y
Reclaimed Water System Valve Replacements	WAS	1,000,000	-	-	-	-	1,000,000	N
Sanitary Service Lateral Rehabilitation	WAS	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	5,500,000	Y
Sanitary System Corrosion Abatement	WAS	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	N
Sanitary upgrades with other projects	WAS	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	7,000,000	Y
55 West Maintenance and Repairs	TRA	100,000	-	-	200,000	-	300,000	N
Administration Center Garage Repair/Maintenance	TRA	200,000	150,000	200,000	150,000	-	700,000	N
Central Blvd Garage Repair and Maintenance	TRA	150,000	200,000	-	-	180,000	530,000	N
Courthouse Garage Repair and Maintenance	TRA	120,000	100,000	250,000	250,000	-	720,000	N
Jefferson Garage Capital Repairs	TRA	150,000	200,000	-	-	100,000	450,000	N
Library Garage Repair and Maintenance	TRA	373,000	175,000	120,000	150,000	-	818,000	N
CBD Waste & Recycling Center	SOL	400,000	200,000	-	-	-	600,000	Y
Solid Waste Consolidate Facilities Construction	SOL	4,000,000	-	-	-	-	4,000,000	Y
<b>Service Charges Total</b>		<b>\$ 28,353,000</b>	<b>\$ 23,675,000</b>	<b>\$ 18,270,000</b>	<b>\$ 23,750,000</b>	<b>\$ 18,280,000</b>	<b>\$ 112,328,000</b>	

**City of Orlando**  
**2020-2024 Capital Improvement Program**  
**by Funding Source**

		<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>2022/2023</u>	<u>2023/2024</u>	<u>FIVE YEAR</u>	<u>CIE</u>
<b>Stormwater Capital</b>								
Ardsley Baffle Boxes	STR	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000	Y
CT Phase 4 - Shine (Marks to Colonial)	STR	-	-	-	180,000	2,300,000	2,480,000	Y
East Lake Arnold	STR	-	694,026	-	-	-	694,026	Y
Fern Creek Acquisition/Erosion Control	STR	-	-	100,000	100,000	100,000	300,000	Y
Flood Plain Remediation Projects	STR	-	500,000	500,000	500,000	500,000	2,000,000	Y
Jefferson Drainage Improvements	STR	-	833,694	-	-	-	833,694	Y
Lake Adair TMDL	STR	-	-	-	1,500,000	-	1,500,000	Y
Lake Beauty to Lake Lurna Drainage Improvements	STR	-	-	180,000	-	-	180,000	Y
Lake Hourglass to Lake Lancaster Drainage Improvem	STR	-	140,000	1,200,000	-	-	1,340,000	Y
Lake Ivanhoe Blvd Drainage Improvements-Area 3	STR	-	-	-	-	180,000	180,000	Y
Lake Ivanhoe Blvd Drainage Improvements-Area 6	STR	-	625,000	-	-	-	625,000	Y
Lake Lancaster to Davis Interconnect	STR	-	214,389	-	-	-	214,389	Y
Lake Lawne Property Acquisition & Treatment	STR	180,000	-	1,500,000	-	-	1,680,000	Y
Lake Lurna Baffle Box.CDS/etc	STR	-	300,000	-	-	-	300,000	Y
Lake of the Woods STW Diversion Retrofit	STR	-	100,000	-	-	-	100,000	Y
Mills & Jackson at Lake Lawsona Drainage Imp	STR	-	-	500,000	-	-	500,000	Y
N. Eola Driv -Washington to Robinson Drainage Imp	STR	-	-	-	200,000	-	200,000	Y
Neighborhood/Annexation STW Projects	STR	-	500,000	500,000	500,000	500,000	2,000,000	Y
Rapid Response Construction	STR	500,000	1,000,000	1,000,000	1,000,000	1,000,000	4,500,000	Y
Sandy Lake	STR	-	-	-	1,000,000	-	1,000,000	Y
South Lucerne Circle Baffle Boxes	STR	-	700,000	-	-	-	700,000	Y
Stormwater System Construction	STR	500,000	1,000,000	1,000,000	1,000,000	1,000,000	4,500,000	Y
Sump Inlet Location Projects	STR	-	500,000	500,000	500,000	500,000	2,000,000	N
System Repair and Rehabilitation	STR	500,000	1,000,000	1,000,000	1,000,000	10,000,000	13,500,000	Y
Wilshire Bridge Rehabilitation	STR	-	500,000	-	-	-	500,000	Y
WRD/OUC Joint Projects	STR	-	500,000	500,000	500,000	500,000	2,000,000	Y
<b>Stormwater Capital Total</b>		<b>\$ 1,680,000</b>	<b>\$ 9,107,109</b>	<b>\$ 9,480,000</b>	<b>\$ 7,980,000</b>	<b>\$ 16,580,000</b>	<b>\$ 44,827,109</b>	

**City of Orlando  
2020-2024 Capital Improvement Program  
by Funding Source**

		<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>2022/2023</u>	<u>2023/2024</u>	<u>FIVE YEAR</u>	<u>CIE</u>
<b>Sewer Capacity Charges</b>								
Conserv I Reclaimed Water Storage	WAS	\$ -	\$ -	\$ 6,500,000	\$ -	\$ -	\$ 6,500,000	N
Conserv II Process Improvements and Upgrades	WAS	-	500,000	2,500,000	-	-	3,000,000	N
<b>Sewer Capacity Charges Total</b>		<u>\$ -</u>	<u>\$ 500,000</u>	<u>\$ 9,000,000</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 9,500,000</u>	
<b>Transportation Impact Fees</b>								
Alden/Lake Highland Realignment	TRA	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	Y
Augusta National/Commander Drive	TRA	-	-	-	-	1,000,000	1,000,000	Y
Boggy Creek - Tavistock (Narcoossee/Osceola Co)	TRA	-	-	-	1,000,000	4,200,000	5,200,000	Y
Boone Avenue – South Extension	TRA	-	3,050,000	-	-	-	3,050,000	Y
Church Street SunRail Platform	TRA	-	-	500,000	600,000	-	1,100,000	Y
Division Avenue Complete Streets	TRA	-	-	500,000	750,000	1,300,000	2,550,000	Y
Grand National Dr.: Oakridge Rd. to Sand Lake Rd.	TRA	3,000,000	5,000,000	4,000,000	-	-	12,000,000	Y
Heintzelman Blvd	TRA	-	-	-	2,000,000	2,000,000	4,000,000	Y
Innovation Way South	TRA	-	1,100,000	-	-	-	1,100,000	Y
Lincoln SunRail Station Funding Agreement	TRA	500,000	-	-	-	-	500,000	Y
Millenia & Oak Ridge Dual Left SB	TRA	300,000	-	-	-	-	300,000	Y
Narcoossee Widening: SR 528 - SR 417	TRA	2,800,000	-	-	-	-	2,800,000	Y
New Traffic Signal Locations	TRA	300,000	250,000	150,000	150,000	150,000	1,000,000	Y
Pres. Barack Obama Parkway Phase 2	TRA	-	-	-	-	2,500,000	2,500,000	Y
Raleigh Street Improvements	TRA	500,000	250,000	-	-	-	750,000	Y
South Magnolia Avenue Access	TRA	-	-	-	500,000	-	500,000	Y
Terry Avenue Extension	TRA	332,000	1,713,000	-	-	-	2,045,000	Y
Transportation Studies/Professional Services	TRA	150,000	-	150,000	-	150,000	450,000	N
<b>Transportation Impact Fee Totals</b>		<u>\$ 8,382,000</u>	<u>\$ 11,363,000</u>	<u>\$ 5,300,000</u>	<u>\$ 5,000,000</u>	<u>\$ 11,300,000</u>	<u>\$ 41,345,000</u>	
<b>Total</b>		<u><u>\$ 95,642,150</u></u>	<u><u>\$ 158,239,759</u></u>	<u><u>\$ 130,099,295</u></u>	<u><u>\$ 131,103,065</u></u>	<u><u>\$ 124,009,874</u></u>	<u><u>\$ 639,094,143</u></u>	

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## CAPITAL IMPROVEMENTS ELEMENT REQUIREMENTS

One of the significant changes brought about by the 1985 Growth Management Act (GMA) was the requirement for a Capital Improvements Element (CIE) as an integral part of the comprehensive plan. In whole, the comprehensive plan should set the "principles, guidelines, and standards for the orderly and balanced future economic, social, physical, environmental, and fiscal development" of the City. The CIE is the pivotal element that actually charts the course for the entire comprehensive plan through the programming of needed capital improvements in a timely manner to accommodate balanced growth.

The purpose of the CIE is to pull together all needed capital improvements identified in all the other elements of the Growth Management Plan (GMP) ensuring that those capital improvements essential to maintaining adopted level of service standards, or fulfilling the goals and policies of the plan, are programmed and completed in a timely manner. Once all needed capital improvements identified in the CIE are incorporated into the CIP, the CIP can then be used to implement and monitor the effectiveness of the GMP.

In order to meet the requirements mandated by the Growth Management Act, the City of Orlando must develop a financially feasible Capital Improvements Element (CIE). More specifically, the legislation mandates that local governments must accomplish the following tasks:

- Evaluate the need for public facilities as identified in all other elements based on level of service standards.
- Adopt goals, objectives, and policies that will direct and guide the future development and funding of capital improvements.
- Determine funding levels for all applicable funding sources and five-year projections.

- Develop a five-year program that designates those capital improvements that are to be funded and constructed for the five-year interim.
- Identify the timing, phasing, funding and location of all capital improvements in a comprehensive manner.
- Determine the fiscal impact capital improvements have on the annual budget.
- Estimate the cost of capital improvements
- Examine and prioritize all capital improvements assuring that the most essential projects are programmed first.
- Analyze the fiscal capability of the local government to finance and construct needed improvements.
- Serve as a mechanism that ensures the availability of public facilities and services concurrent with the impact of new development and maintain adopted level of service standards.
- Establish a mechanism that will monitor the status of capital improvements, new development, revenue and available capacity on an annual basis.

The City of Orlando provides needed and desired urban services to the public. In order to provide these services, the City must adopt acceptable level of service standards and develop a schedule to expand and maintain public facilities, services and equipment. The CIE has great significance in that it touches the lives of every City resident and visitor through the provision of public facilities and services such as roads, mass transit, stormwater, potable water, wastewater, solid waste and parks.

In 2005, the Florida Legislature passed the Infrastructure Planning and Funding Act (SB360). The provisions of this Act require local

governments to further define the financial feasibility of their comprehensive plans. Local governments were required to implement the following standards by December 1, 2007:

- The 5-year capital improvements schedule must be updated annually and submitted to the State for review.
- The definition of financial feasibility has been amended to require committed funding for the first 3 years of the 5-year schedule, followed by planned or committed funding for the remaining two years.
- Projects listed within the capital improvements schedule must be funded from public or private sources. A privately funded project may only be included if its funding source has been guaranteed through an enforceable agreement.
- The capital improvements schedule must include transportation improvements identified in Metroplan Orlando's transportation improvement program.
- If a local government adopts a long-term concurrency management system, it must also adopt a long-term capital improvements schedule. Long-term concurrency management may be planned for up to 15 years.
- Local governments must demonstrate that the comprehensive plan, including the capital improvements schedule, is financially feasible. This may be accomplished using the state's Fiscal Impact Analysis Model (FIAM) or by other approved methodology.

The 2005 legislation also required local governments to adopt a proportionate share mitigation ordinance by December 1, 2006. The law provides that a developer may choose to satisfy all transportation concurrency requirements by contributing a proportionate share of the cost for transportation facilities needed to mitigate the impacts of a proposed development.

As required effective December 1, 2008, the CIE must also include standards and projects for public school facilities, including public school facility LOS standards, concurrency service areas, proportionate fair-share projects, and projects identified in the school district's work plan.

The following represents selected financial goals, objectives and policies found in the Capital Improvements Element establishing the criteria used to determine which capital improvements are included in the five-year program:

**Goal 1**

To provide and maintain, in an efficient and balanced manner, public facilities and services that protect the public health, safety, and welfare of its citizens, concurrent with the impacts of new development, are environmentally sensitive, are consistent with the desired urban form, achieve acceptable levels of service, maintain the existing infrastructure, and minimize public costs.

**Objective 1.1** Capital improvements shall be provided to correct existing deficiencies, repair and replace worn out or obsolete facilities, and to accommodate new growth in an efficient, cost-effective, and timely manner upon plan adoption.

**Policy 1.1.1** The Capital Improvements Element shall be the mechanism used to guide and implement the Growth Management Plan through the programming of public facilities and services as identified in other elements of the GMP. The Capital Improvements Element shall concentrate on the first five years of capital needs, shall be financially feasible, and shall be reviewed and updated annually. The five-year capital improvements schedule shall be adopted as part of the Growth Management Plan.

**Policy 1.1.2** Capital improvements identified in the Growth Management Plan that have an estimated cost of \$100,000 or over with a minimum useful life of three years shall be included in the Capital Improvements Element. Capital improvements identified in the Capital Improvements Element shall fulfill one of four purposes:

1. Protect the public's health and safety by preventing a critical breakdown in the City's public facilities and services.
2. Maintain, upgrade, repair or replace existing public facilities.
3. Eliminate existing deficiencies.

4. Expand existing public facilities or construct new public facilities concurrent with new growth.

**Policy 1.1.3** For the purpose of this element, public facilities shall pertain to the following: roads, schools, public transit, wastewater, potable water, solid waste, stormwater, and recreation and open space that are located within the City. Needed public facilities and services that meet the capital improvements definition and are the City's fiscal responsibility shall be included in the Capital Improvements Element.

**Policy 1.1.4** Recommended public facilities and services identified in the Housing, Historic Preservation, Downtown or Urban Design Elements that meet the capital improvements definition and are the City's fiscal responsibility shall also be included in the Capital Improvements Element.

**Policy 1.1.5** Capital improvements identified in development orders executed for all Developments of Regional Impact and development agreements shall be included in the Capital Improvements Element, if improvements are proven to be financially feasible and necessary.

**Policy 1.1.6** Capital improvements shall be prioritized in a manner that is consistent with the Growth Management Plan. This prioritization system shall be comprised of the following three components:

(a) The timing of capital improvements shall be based on the following priorities:

1. To preserve the health and ensure the safety and welfare of the public by eliminating or preventing a critical breakdown in the City's public facilities and services.
2. To maintain existing public facilities through a repair and replacement program.
3. To eliminate existing deficiencies in a timely and cost-efficient manner.

4. To accommodate new growth through the timely and cost-effective planning and construction of new or expanded public facilities.

(b) The needed capital improvements shall be located to promote efficient and compact development patterns through the strategic placement of new and expanded facilities that support the activity center concept. In an effort to promote compact development patterns, capital improvements shall be given the following priority based on project location:

1. Downtown
2. Metropolitan activity centers
3. Other activity centers and mixed-use corridors
4. Fully developed area
5. All other areas in the City

(c) The fiscal impact of needed capital improvements shall be taken into consideration so that programmed capital improvements shall not overburden the operating budget in a particular year, and also to ensure that capital improvements are programmed in a cost-efficient manner. Participation of other private and public entities (Florida Department of Transportation, Orange County, and Water Management District) shall be taken into consideration for cost-effectiveness and to avoid duplication. The following criteria shall be applied to determine the fiscal impact of capital improvements:

1. Consideration of the fiscal impact on the operating and capital budget.
2. Relationship between project costs and potential revenue.
3. Protection of a prior or potential public investment.
4. Value of project to improve City's efficiency.
5. Avoidance of inefficient duplication of public facilities and services.

**Policy 1.1.7** The Capital Improvements Element shall be a five-year program that is updated annually after a single adoption hearing. A copy of the ordinance shall be transmitted to the Florida Department of Community Affairs following adoption.

**Policy 1.1.8** The Capital Improvements Element shall be integrated into the Capital Improvement Program process, and the first year of the Capital Improvement Program will represent the capital budget that is adopted by City Council. The capital budget will include the first year of the Capital Improvements Fund Schedule and all other capital improvements identified in the Capital Improvement Program. Years two through five of the Capital Improvements Fund Schedule shall be included in the Capital Improvements Program, with committed funding sources identified for years two and three.

**Policy 1.1.9** All operating costs associated with public facilities and services programmed in the Capital Improvements Element shall be incorporated into the five-year operating budget. The budget process shall be amended to ensure that operating revenue needed to support capital improvements is provided.

The Capital Improvements Element is an important tool to implement the City's Growth Management Plan. The CIE shall be incorporated into the Capital Improvement Program. The following fund schedule shows exactly how much it will cost the City to preserve the approved "quality of life" based on adopted Level of Service standards.

The Goals, Objectives and Policies section of the CIE describes the adopted Level of Service standards. The five-year schedule of capital improvements identified in the Capital Improvements Element represents a five-year program of needs based on adopted Level of Service standards. The following schedule of improvements is updated annually. This schedule represents the annual update for the FY 2019/20 through 2023/24 programs.

**CITY OF ORLANDO CAPITAL IMPROVEMENT ELEMENT (FIGURE CI-14)  
CAPITAL IMPROVEMENTS FUND SCHEDULE**

	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>FIVE YEAR</u>
<b>Capital Improvement Fund</b>						
<b>Bicycle and Pedestrian Facilities</b>						
Miscellaneous Sidewalk Repair	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 1,500,000
School/Safety Sidewalk Program	600,000	600,000	600,000	600,000	600,000	3,000,000
Sidewalk Remediation Program	850,000	-	-	-	-	850,000
Streetscape Improvements	500,000	1,000,000	500,000	250,000	500,000	2,750,000
<b>Roadways</b>						
Southeast Projects	1,050,000	1,130,000	1,160,000	1,190,000	1,210,000	5,740,000
<b>Parks and Open Space</b>						
Signature Park Improvements	-	800,000	500,000	7,500,000	7,600,000	16,400,000
Parks and Playground Renovation	1,175,000	1,240,000	1,380,000	1,200,000	1,400,000	6,395,000
<b>Capital Improvement Fund Total</b>	<b>\$ 4,475,000</b>	<b>\$ 5,070,000</b>	<b>\$ 4,440,000</b>	<b>\$ 11,040,000</b>	<b>\$ 11,610,000</b>	<b>\$ 36,635,000</b>
<b>Gas Tax Fund</b>						
<b>Roadways</b>						
New Traffic Signal Locations (City wide)	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Robinson Street "Complete Streets"	300,000	1,000,000	6,481,000	-	-	7,781,000
Virginia Drive Improvement	-	500,000	500,000	1,000,000	-	2,000,000
Corrine Drive/Virginia Drive	-	-	-	5,000,000	5,000,000	10,000,000
Pres. Barack Obama Parkway Phase 2	-	-	-	-	2,500,000	2,500,000
<b>Mass Transit</b>						
LYNX Annual Contribution	4,029,469	4,110,059	4,192,260	4,276,105	-	16,607,893
<b>Bicycle and Pedestrian Facilities</b>						
ADA Transition Plan	300,000	300,000	300,000	300,000	300,000	1,500,000
Bicycle Plan Implementation	150,000	200,000	200,000	200,000	200,000	950,000
Curb Ramp Construction and Curb Repair	-	150,000	-	150,000	-	300,000
Miscellaneous Sidewalk Repair	200,000	200,000	200,000	200,000	200,000	1,000,000
School/Safety Sidewalk Program	100,000	100,000	100,000	100,000	100,000	500,000
<b>Gas Tax Fund Total</b>	<b>\$ 5,179,469</b>	<b>\$ 6,660,059</b>	<b>\$ 12,073,260</b>	<b>\$ 11,326,105</b>	<b>\$ 8,400,000</b>	<b>\$ 43,638,893</b>

**CITY OF ORLANDO CAPITAL IMPROVEMENT ELEMENT (FIGURE CI-14)  
CAPITAL IMPROVEMENTS FUND SCHEDULE**

	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>FIVE YEAR</u>
<b>Service Charges</b>						
<b>Solid Waste Collection</b>						
CBD Waste & Recycling Center	\$ 400,000	\$ 200,000	\$ -	\$ -	\$ -	\$ 600,000
Commercial Collection Vehicles	-	770,000	770,000	383,000	383,000	2,306,000
Residential/Recycling Collection Vehicles	-	707,000	707,000	352,000	380,000	2,146,000
Solid Waste Consolidate Facilities Construction	4,000,000	-	-	-	-	4,000,000
<b>Water Reclamation</b>						
Conserv I Area Collection System Improvements	800,000	2,500,000	2,500,000	2,500,000	3,000,000	11,300,000
Conserv I South Reclaimed Water Main	100,000	1,900,000	-	-	-	2,000,000
Conserv I Treatment Plant Improvements	-	24,000,000	-	-	-	24,000,000
Conserv II Area Collection System Improvements	-	4,750,000	2,500,000	3,000,000	3,500,000	13,750,000
Conserv II RIB Site 1 & 10 Expansion	-	4,000,000	-	-	-	4,000,000
Iron Bridge Area Collection System Improvements	-	2,000,000	2,500,000	3,000,000	3,500,000	11,000,000
Lift Stations Emergency Generators	2,400,000	2,500,000	2,500,000	2,500,000	-	9,900,000
Lift Station Site Improvements	250,000	250,000	250,000	250,000	250,000	1,250,000
Lift Station Underground Rehabilitation	1,500,000	1,500,000	1,500,000	1,500,000	-	6,000,000
Line Sewers	-	2,000,000	2,000,000	2,000,000	2,000,000	8,000,000
Sanitary Service Lateral Rehabilitation	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	5,500,000
Sanitary upgrades with other projects	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	7,000,000
<b>Service Charges Total</b>	<b>\$ 11,950,000</b>	<b>\$ 49,577,000</b>	<b>\$ 17,727,000</b>	<b>\$ 17,985,000</b>	<b>\$ 15,513,000</b>	<b>\$ 112,752,000</b>
<b>Stormwater</b>						
Ardsley Baffle Boxes	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
CT Phase 4 - Shine (Marks to Colonial)	-	-	-	180,000	2,300,000	2,480,000
East Lake Arnold	-	694,026	-	-	-	694,026
Fern Creek Acquisition/Erosion Control	-	-	100,000	100,000	100,000	300,000
Flood Plain Remediation Projects	-	500,000	500,000	500,000	500,000	2,000,000
Jefferson Drainage Improvements	-	833,694	-	-	-	833,694
Lake Adair TMDL	-	-	-	1,500,000	-	1,500,000
Lake Beauty to Lake Lurna Drainage Improvements	-	-	180,000	-	-	180,000
Lake Hourglass to Lake Lancaster Drainage Improvem	-	140,000	1,200,000	-	-	1,340,000
Lake Ivanhoe Blvd Drainage Improvements-Area 3	-	-	-	-	180,000	180,000
Lake Ivanhoe Blvd Drainage Improvements-Area 6	-	625,000	-	-	-	625,000
Lake Lancaster to Davis Interconnect	-	214,389	-	-	-	214,389
Lake Lawne Property Acquisition & Treatment	180,000	-	1,500,000	-	-	1,680,000
Lake Lurna Baffle Box.CDS/etc	-	300,000	-	-	-	300,000
Lake of the Woods STW Diversion Retrofit	-	100,000	-	-	-	100,000
Mills & Jackson at Lake Lawsona Drainage Imp	-	-	500,000	-	-	500,000
N. Eola Driv -Washington to Robinson Drainage Imp	-	-	-	200,000	-	200,000
Neighborhood/Annexation STW Projects	-	500,000	500,000	500,000	500,000	2,000,000
Rapid Response Construction	500,000	1,000,000	1,000,000	1,000,000	1,000,000	4,500,000
Sandy Lake	-	-	-	1,000,000	-	1,000,000
South Lucerne Circle Baffle Boxes	-	700,000	-	-	-	700,000
Stormwater System Construction	500,000	1,000,000	1,000,000	1,000,000	1,000,000	4,500,000
System Repair and Rehabilitation	500,000	1,000,000	1,000,000	1,000,000	10,000,000	13,500,000
Wilshire Bridge Rehabilitation	-	500,000	-	-	-	500,000
WRD/OUC Joint Projects	-	500,000	500,000	500,000	500,000	2,000,000
<b>Stormwater Utility Fee Total</b>	<b>\$ 1,680,000</b>	<b>\$ 8,607,109</b>	<b>\$ 8,980,000</b>	<b>\$ 7,480,000</b>	<b>\$ 16,080,000</b>	<b>\$ 42,827,109</b>



**CITY OF ORLANDO CAPITAL IMPROVEMENT ELEMENT (FIGURE CI-14)  
CAPITAL IMPROVEMENTS FUND SCHEDULE**

	<u>2019/20</u>	<u>2020/21</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>FIVE YEAR</u>
<b>Transportation Impact Fees</b>						
<b>Roadways</b>						
Alden/Lake Highland Realignment	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
Boone Avenue – South Extension	-	1,850,000	-	-	-	1,850,000
Terry Avenue-North Extension	332,000	332,000	-	-	-	664,000
Augusta National/Commander Drive	-	-	-	-	1,000,000	1,000,000
Boggy Creek - Tavistock (Narcoossee/Osceola Co)	-	-	-	1,000,000	4,200,000	5,200,000
Heintzelman Blvd	-	-	-	2,000,000	2,000,000	4,000,000
Innovation Way South	-	1,100,000	-	-	-	1,100,000
Narcoossee Widening: SR 528 - SR 417	2,800,000	-	-	-	-	2,800,000
New Traffic Signal Locations (Southeast)	150,000	100,000	-	-	-	250,000
Division Avenue Complete Streets	-	-	500,000	750,000	1,300,000	2,550,000
Grand National Dr.: Oakridge Rd. to Sand Lake Rd.	3,000,000	5,000,000	4,000,000	-	-	12,000,000
Millenia & Oak Ridge Dual Left SB	300,000	-	-	-	-	300,000
New Traffic Signal Locations (Southwest)	150,000	150,000	150,000	150,000	150,000	750,000
Pres. Barack Obama Parkway Phase 2	-	-	-	-	2,500,000	2,500,000
Raleigh Street Improvements	500,000	250,000	-	-	-	750,000
Terry Avenue-South Extension	-	1,381,000	-	-	-	1,381,000
<b>Mass Transit</b>						
Lincoln SunRail Station Funding Agreement	500,000	-	-	-	-	500,000
Church Street SunRail Platform	-	-	500,000	600,000	-	1,100,000
<b>Bicycle and Pedestrian Facilities</b>						
South Magnolia Avenue Access	-	-	-	500,000	-	500,000
<b>Transportation Impact Fees Total</b>	<b>\$ 8,232,000</b>	<b>\$ 10,163,000</b>	<b>\$ 5,150,000</b>	<b>\$ 5,000,000</b>	<b>\$ 11,150,000</b>	<b>\$ 39,695,000</b>
<b>Total</b>	<b>31,516,469</b>	<b>80,077,168</b>	<b>48,370,260</b>	<b>52,831,105</b>	<b>62,753,000</b>	<b>275,548,002</b>

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**CITY OF ORLANDO**  
**2020 - 2024 SUPPLEMENTAL CAPITAL FUNDING**  
**FROM BUDGET REVIEW COMMITTEE**

The City's capital budget exists in a dynamic environment. Even though the City makes every effort to budget capital projects efficiently, there are both internal and external factors that can impact projects throughout the year. Therefore, the City has policies in place to guide requests for budgetary changes during the fiscal year. Such changes may include but are not limited to receipt of grants, the re-purposing of existing appropriations, allocating or releasing fund balance and changes to authorized positions. These changes can include changes to the capital improvement budget. A Budget Review Committee (BRC) meets as needed to address and act on requests for budgetary changes. Below is a list of the BRC-approved changes to the FY19 capital budget.

<b>Project Name (by meeting date)</b>	<b>Fund</b>	<b>Project</b>	<b>Project Description</b>	<b>BRC Funding</b>
<b>October 2018</b>				
CAT for Teens Program	1130_F	OPD0008_P	Training for Teens program (CAT) to the National Night Out program	\$15,949
<b>November 2018</b>				
Downtown Relocation Assistance Program	0005_F	CRA0020_P	Moving budget from the CRA, for the CRA HSN contract, to the new project created specifically for it.	\$500,000
Bike Beltway Segment	1070_F	TSP0062_P	Allocate Fund Balance for the segment of the Bike Beltway not funded, utilizing bond proceeds from the Neighborhood Improvement Bond. This will fully fund Transportation's Bicycle Beltway Project.	\$450,000
Shingle Creek Trail Support	1072_F	CIP0051_P	Allocate Fund Balance in the amount of \$1,800,000 to the Shingle Creek Trail Support Project (CIP0051_P). Increased funding is needed for additional items included in the Invitation to Bid for the construction of the trail.	\$1,800,000
Easterly Wetlands Education Office Building	4106_F	CIP0153_P	Transfer Water Reclamation General Construction Fund contingency to various projects. The additional budget is needed for the Easterly Wetlands Education Center; sewer pipe improvements; and emergency generators at multiple lift stations.	\$1,900,000
Conserv I Area Collection System Improvements	4106_F	CIP0214_P		\$2,000,000
Lift Station Emergency Generators	4106_F	CIP0217_P		\$500,000
<b>January 2019</b>				
Creative Village Land	3006_F	REM0011_P	Recognize revenue received from sale of Create Village Lot 3 (Parcel M)	\$ 5,670,832
Downtown Capital Maintenance	1250_F	CRA0016_P	Transfer budget to 5002_F Fleet Replacement Fund for reimbursement due to costs incurred for purchase of 14HP Nubota Street sweeper	\$46,296
OFD Equipment Replacement	3001_F	OFD0003_P	Transfer budget to cover expenses associated equipment up-lifting on Hazmat vehicle.	\$254,275
Parramore Housing Initiative	1250_F	CRA0007_P	Recognize revenue received from sale of parcels at 734 and 736 Short Avenue as part of the Parramore Housing Initiative.	\$390,492

**CITY OF ORLANDO**  
**2020 - 2024 SUPPLEMENTAL CAPITAL FUNDING**  
**FROM BUDGET REVIEW COMMITTEE**

Project Name (by meeting date)	Fund	Project	Project Description	BRC Funding
Various Projects - BA19-21	3001_F 3005_F	FAC0007_P FAC0019_P FAC0022_P OPD0002_P OFR0001_P	Request to transfer remaining budget from various inactive Facilities projects to supplement current energy efficiency efforts; transfer budget for expenses related to OPD IRIS equipment; and transfer budget from new OFD equipment replacement project to align budget to actuals and inactivate old project.	\$1,124,527
Dubsdread Equipment	0016_F	DUB0003_P	Request to move budget authority from Dubsdread Course/Grounds	\$58,000
Dubsdread Course/Grounds Maintenance	0016_F	DUB0002_P	Maintenance project (DUB0002_P) to pay for equipment purchases.	\$10,000
Lift Station Site Improvements Repair and Replacement	4107_F	CIP0119_P	Request to complete a variety of adjustments to various Water Reclamation project budgets. These adjustments focus on the realignment of expense	\$513,884
Iron Bridge Diffused Air Improvements	4106_F	CIP0232_P	budgets to better match actual project costs, project prioritization, and higher than expected project cost estimates.	\$275,000
Iron Bridge Deep Bed Blowers Electrical Upgrades	4106_F	CIP0240_P		\$250,000
Various Projects - BA19-33	4160_F	Various	Request to make a variety of adjustments to various Stormwater project budgets. These adjustments included project close out in Stormwater Utility Fund 4160_F and reestablish in Stormwater Capital Fund 4161_F. Realignment of expense budgets to better match actual project costs, and recognizing revenue from a Joint Participant Agreement with OUC.	\$24,566,509
SR 435 (Kirkman Rd) Multi-Use Trail	1072_F	TSP0052_P	Request to allocate Fund Balance in the amount of \$480,729 to the SR 435 (Kirkman Rd) Multi-Use Trail project. This is related to FDOT's Resurfacing Restoration and Rehabilitation Project on SR 435 (Kirkman Rd) for utility construction. The Locally Funded Agreement between the City and FDOT was approved by City Council on June 25, 2018.	\$480,729
Millenia Palms and Northbridge Traffic Signal	1072_F	TRE0004_P	Traffic signal for Millenia Palms and Northbridge. The addition of a traffic signal is a condition of approval for the Sabin Planned Development where the developer is responsible for 50% towards the installation and construction of a mast-arm signal.	\$162,014
Citywide Pedestrian Traffic Signals - City Support	1100_F	TRE0041_P	Transfer budget authority from Intersection Safety Improvements (TRE0006_P) to Citywide Pedestrian Traffic Signals – City Support for \$96,608.	\$96,608

**CITY OF ORLANDO**  
**2020 - 2024 SUPPLEMENTAL CAPITAL FUNDING**  
**FROM BUDGET REVIEW COMMITTEE**

<b>Project Name (by meeting date)</b>	<b>Fund</b>	<b>Project</b>	<b>Project Description</b>	<b>BRC Funding</b>
<b>March 2019</b>				
Soccer Loan Repayments	0005_F	FIN0004_P	Recognize revenues received from principal and interest earnings from the soccer team loan	\$979,371
Recreation Facility Renocations	3001_F	REC0005_P	Transfer budget to Fleet Replacement Fund.	\$122,358
North Quarter Simulation Analysis	1070_F	TSP0063_P	Bike Belway Segment (TSP0062_P) to North Quarter Simulation Analysis (TSP0063_P). The Simulation Analysis is a necessary component for the continuation of design to the North Quarter Two-Way Restoration project and the Orlando Urban Trail Gap project.	\$150,000
Sign/Signal Shop Facility Improvements	3001_F	TRE0042_P	Request to move budget authority from Facility Evaluation, Repairs and Rehabilitation (FAC0019_P) to Sign/Signal Shop Facility Improvements (TRE0042_P). This will allow the improvements at the Sign and Signal Shop to be tracked separately. No net increase to budget.	\$759,500
<b>April 2019</b>				
Smart Cities	3001_F	CAO0004_P	Move existing project funding from under the Transportation Department to under the Smart City Project Director	\$400,000
Land Acquisitions	3006_F	REM0010_P	Recognize revenues received from Valley National Bank related to a lease termination.	\$1,000,000
Alexander Place	1100_F	TRE0043_P	Request to allocate fund balance for the modification of the street surface and traffic signalization of Alexander Place in Creative Village.	\$300,000
Alden/Lake Highland Realignment	1070_F	TSP0064_P	Transfer budget authority from Fund Contingency to Alden/Lake Highland Realignment (TSP0064_P) project. Utility design is already underway and resotration of the streets impacted presents a timely opportunity to commence design for Alden Rd realignment and the relocation of the Alden Rd and Lake Highland Dr intersection	\$250,000
Various Projects - BA19-33	3034_F	Various Projects	Request to budget the balance of Neighborhood Improvement bond proceeds allocated to Stormwater projects, the Tennis Center Project and other infrastructure needs. This action also transfers \$1.3M from the Bicycle Beltway project to the Rosemont Gym project.	\$27,390,313
Lift Station Underground Rehabilitation	4107_F	CIP0071_p	Request to complete a variety of adjustments to various Water Reclamation project budgets. These adjustments focus on the realignment of expense budgets due to project prioritization and higher than expected project cost estimates.	\$650,000
Conserv I WRF Secondary Clarifier Improvements	4106_F	CIP0211_P		\$700,000

**CITY OF ORLANDO**  
**2020 - 2024 SUPPLEMENTAL CAPITAL FUNDING**  
**FROM BUDGET REVIEW COMMITTEE**

<b>Project Name (by meeting date)</b>	<b>Fund</b>	<b>Project</b>	<b>Project Description</b>	<b>BRC Funding</b>
<b>May 2019</b>				
Information Technology Public Safety Initiatives	3033_F	TMD0009_P	Request to transfer budget between projects in 3033_F Public Safety Construction 2016C Bond Fund to align budget to lower than expected actuals	\$3,892,173
Fire Station 6	3033_F	CIP0209_P	for Computer Aided Dispatch (CAD) System related costs and provide	\$2,100,000
Fire Station 9	3033_F	CIP0210_P	additional funding for the construction of Fire Station 6 (\$2,100,000) and Fire	\$500,000
Traffic Counts and Time Studies	1100_F	TRE0016_P	Transfer budget authority from Curb Ramps (TRE0023_P) to Traffic Counts and Time Studies (TRE0016_P). The Additional funds will be used for consultant services for Downtown Management Signal Timing Plan initiative.	\$75,000
Wastewater Administration Redesign and Expansion	4106_F	CIP0179_P	Request to complete a variety of adjustments to various Water Reclamation project budgets. These adjustments focus on the realignment of expense budgets to better match actual project costs, project prioritization, and higher than expected project cost estimates.	\$1,200,000
Narcoossee Road Reclaimed Water Main	4106_F	CIP0237_P		\$700,000
Iron Bridge Diffused Air Improvements	4106_F	CIP0232_P		\$200,000
<b>July 2019</b>				
Transportation Safety Projects	3001_F	TRN0001_P	Request to transfer budget from various funds to 5002_F Fleet Replacement Fund. This is the 3rd quarter reimbursement for costs incurred due to department-requested additional vehicles and/or upgrades to replacement vehicles	\$23,400
Recreation Facility Renovations	0001_F	REC0005_P		\$102,526
Downtown Capital Maintenance	1250_F	CRA0016_P		\$24,117
Terry Avenue Extension	1072_F	TSP0055_P	Allocate fund balance to fund design work on the Terry Avenue extension. This will fund design work on elements consistent with the City's Complete Streets Policy, which exceeds the baseline design FDOT is providing.	\$500,000
Dowden Road Phase 1	3001_F	TSP0066_P	Recognize internal loan revenue fund the City of Orlando commitment to the Starwood Development Agreement. On October 24, 2016, City Council approved the Agreement that commits the City to fund 50% or \$9 Million, whichever is less, for Phase One of the Regional Road Network.	\$9,000,000
Creative Village Central Park	1080_F	EDV0010_P	Park Impact Fee – North fund contribution to the Creative Village Central Park, Roadway and Plaza infrastructure project and allign CRA funding. Net increase to budget: \$1,116,770.	\$616,770
DTO Implementation	1250_F	CRA0017_P		\$500,000
<b>August 2019</b>				
One Person One Tree	3001_F	CAO0002_P	Recognize revenues received as a result of the Orlando Utilities Commission's sponsorship of the One Person One Tree Program.	\$75,000



**CITY OF ORLANDO**  
**2020 - 2024 SUPPLEMENTAL CAPITAL FUNDING**  
**FROM BUDGET REVIEW COMMITTEE**

Project Name (by meeting date)	Fund	Project	Project Description	BRC Funding
<b>Year End</b>				
Economic Development Contractual Commitments	0005_F	EDV0003_P	Transfer \$166,620 in unused Business Incentive budget from EDV0002_C to the EDV0003_P holding project, so that a sufficient amount of funds (\$273,451) are set aside to fulfil prior-year EDV (Façade) incentive commitments.	\$ 166,620
Mayor's Grants	0005_F	OCA0001_P	Transfer \$59,195 in unused CSO Contribution budget from OCA0003_C to the OCA0001_P holding project, so that a sufficient amount of funds (\$103,656) are set aside to fulfil prior-year OCA organization commitments (primarily MMG). \$6.8M fund balance was transferred by Accounting from 6535_F Long Term Disability Fund to 0001_F General Fund. This is recognizing all revenues in 0001_F, allocating \$1.3M in expense budget and then transferring remaining \$5.5M to Pension and OPEB Stabilization project. This was done as part of closing out fund 6535_F.	\$ 59,195
Pension and OPEB Stabilization	0005_F	PEN0001_P		\$ 5,540,410
Events & Venues Traffic Management Study	3001_F	TRN0005_P	RX4005 - Transfer in from Orlando Stadiums Operations Fund	\$ 150,000
Community Capital - District 1	3001_F	OCC0001_P	Recongize any revenue received in the Commissioner cost centers and projects, and then either sweep budget to or from their project depending on their remaining cost center budget for the year.	\$ 103,912
Community Capital - District 2	3001_F	OCC0002_P	Recongize any revenue received in the Commissioner cost centers and projects, and then either sweep budget to or from their project depending on their remaining cost center budget for the year.	\$ 71,394
Community Capital - District 3	3001_F	OCC0003_P	Recongize any revenue received in the Commissioner cost centers and projects, and then either sweep budget to or from their project depending on their remaining cost center budget for the year.	\$ 109,137
Community Capital - District 4	3001_F	OCC0004_P	Recongize any revenue received in the Commissioner cost centers and projects, and then either sweep budget to or from their project depending on their remaining cost center budget for the year.	\$ 80,764
Community Capital - District 5	3001_F	OCC0005_P	Recongize any revenue received in the Commissioner cost centers and projects, and then either sweep budget to or from their project depending on their remaining cost center budget for the year.	\$ 150
Community Capital - District 6	3001_F	OCC0005_P	Recongize any revenue received in the Commissioner cost centers and projects, and then either sweep budget to or from their project depending on their remaining cost center budget for the year.	\$ 43,947
Lift Station 5 Area Piping	4106_F	CIP0075_P	Request to recognize revenue from OUC Joint Participation Agreement (JPA) for professional engineering services and cost of construction to replace an OUC water main in conjunction with the City's Gore St Sanitary Sewer improvements project. Also, realign budget with current and future expenses.	\$ 796,770

**CITY OF ORLANDO**  
**2020 - 2024 SUPPLEMENTAL CAPITAL FUNDING**  
**FROM BUDGET REVIEW COMMITTEE**

Project Name (by meeting date)	Fund	Project	Project Description	BRC Funding
Downtown Lighting	1250_F	CRA0011_P	Recognize most (\$4,654,984) of the cash balance (\$4,914,984) that has accumulated over several years in the Downtown CRA Trust Fund and transfer it to the Operating Fund for programmatic use. The final \$260,000 will be left in the Trust to avoid the fund going negative until new FY20 revenue arrives.	\$ 1,000,000
Façade Grant Program	1250_F	CRA0015_P	Recognize most (\$4,654,984) of the cash balance (\$4,914,984) that has accumulated over several years in the Downtown CRA Trust Fund and transfer it to the Operating Fund for programmatic use. The final \$260,000 will be left in the Trust to avoid the fund going negative until new FY20 revenue arrives.	\$ 500,000
Downtown Capital Maintenance	1250_F	CRA0016_P	Recognize most (\$4,654,984) of the cash balance (\$4,914,984) that has accumulated over several years in the Downtown CRA Trust Fund and transfer it to the Operating Fund for programmatic use. The final \$260,000 will be left in the Trust to avoid the fund going negative until new FY20 revenue arrives.	\$ 500,000
Streetscape Improvements	1250_F	CRA0018_P	Recognize most (\$4,654,984) of the cash balance (\$4,914,984) that has accumulated over several years in the Downtown CRA Trust Fund and transfer it to the Operating Fund for programmatic use. The final \$260,000 will be left in the Trust to avoid the fund going negative until new FY20 revenue arrives.	\$ 500,000
Implementation	1250_F	CRA0017_P	Recognize most (\$4,654,984) of the cash balance (\$4,914,984) that has accumulated over several years in the Downtown CRA Trust Fund and transfer it to the Operating Fund for programmatic use. The final \$260,000 will be left in the Trust to avoid the fund going negative until new FY20 revenue arrives.	\$ 1,398,838
Under I Design	1250_F	CRA0019_P	Recognize most (\$4,654,984) of the cash balance (\$4,914,984) that has accumulated over several years in the Downtown CRA Trust Fund and transfer it to the Operating Fund for programmatic use. The final \$260,000 will be left in the Trust to avoid the fund going negative until new FY20 revenue arrives. Allocate all available fund balance in the CRA Operating Fund (\$17,819,137) to specific purposes and projects.	\$ 2,300,000
Venues and Open Spaces	1250_F	CRA0021_P	Allocate all available fund balance in the CRA Operating Fund (\$17,819,137) to specific purposes and projects.	\$ 11,275,283
Real Estate - CRA	1250_F	CRA0022_P	Allocate all available fund balance in the CRA Operating Fund (\$17,819,137) to specific purposes and projects.	\$ 5,000,000
Ivanhoe Blvd Drainage	4161_F	STW0047_P	Request to transfer budget for various PWk projects that have exceeded their budget.	\$ 498,533
Eastern Regional Reclaimed Water Distribution System Phase II Main	4106_F	CIP0073_P	Request to transfer budget for various PWk projects that have exceeded their budget.	\$ 880
Eastern Regional Reclaimed Water Distribution System Lake Nona Store and Re-pump	4106_F	CIP0101_P	Request to transfer budget for various PWk projects that have exceeded their budget.	\$ 120
Conserv II Anaerobic Digester	4106_F	CIP0168_P	Request to transfer budget for various PWk projects that have exceeded their budget.	\$ 17,900

**CITY OF ORLANDO**  
**2020 - 2024 SUPPLEMENTAL CAPITAL FUNDING**  
**FROM BUDGET REVIEW COMMITTEE**

Project Name (by meeting date)	Fund	Project	Project Description	BRC Funding
Conserv I Filter Rehabilitation	4106_F	CIP0204_P	Request to transfer budget for various PWk projects that have exceeded their budget.	\$ 4,077
Sanitary System Corrosion Abatement	4106_F	CIP0201_P	Request to transfer budget for various PWk projects that have exceeded their budget.	\$ 2,802,438
Conserv II Filter Rehabilitation	4106_F	CIP0207_P	Request to transfer budget for various PWk projects that have exceeded their budget.	\$ 1,019,728
Iron Bridge Rerating and Expansion	4107_F	CIP0026_P	Request to transfer budget for various PWk projects that have exceeded their budget.	\$ 1,411
Easterly Wetlands Education Office Building	4106_F	CIP0153_P	Allocate \$150,000 in Water Reclamation General Construction Fund balance for Education Building enhancements at the Easterly Wetlands.	\$ 150,000
COP Shop	0005_F	OPD0003_P	Recognize revenue and create budget authority in OPD's Cop Shop project	\$ 12,797
COP Shop	0005_F	OPD0003_P	Recognize revenue and create budget authority in OPD's Cop Shop project	\$ 132
Police Capital Projects & Equipment Replacement	3001_F	OPD0002_P	Recognize revenue and create budget authority in OPD's capital project for the MBI forfeiture money that was received from the County as general funds and not forfeiture funds so cannot be recorded in forfeiture funds	\$ 73,060
City Hall Public Space and Conference Rooms 2nd Floor	3001_F	REM0008_P	A full-scale project to address City Council chambers including communications equipment, dias configuration and back-drop, podium changes, chamber walls/ceiling/flooring, acoustical modifications, chairs, audience configuration and seating, lighting, HVAC, and other furniture. Also includes reconfiguration of conference rooms and public access walkways.	\$ 2,106,148
City Hall Renovations	3001_F	REM0006_P	Allocating fund balance to City Hall Renovation projects.	\$ 156,285
City Hall Energy CIP Project	3001_F	FAC0023_P	Allocating fund balance to City Hall Renovation projects.	\$ 37,567
Storage Warehouse Development	3001_F	REM0007_P	Allocating fund balance to City Hall Renovation projects.	\$ 46,170
Parramore Housing Initiative	1250_F	CRA0007_P	Request to recognize interest earnings in 3001_F Capital Improvement Fund and allocate \$3.6M to Community Capital Investments project and \$250K to City Hall Renovations	\$ 277
Marketing - Downtown Development Board	4190_F	DDB0001_P	Request to recongize unbudgeted revenue in misc. CRA & DDB projects; \$277 for an OUC rebate (CRA0007_P), \$7K from Church St District to reimburse conference costs that City paid for (DDB0001_C), \$5K from 55W towards special events per tax incentive incentive agreement (DDB0002_C).	\$ 7,065
Special Events - Downtown Development Board	4190_F	DDB0002_P	Request to recongize unbudgeted revenue in misc. CRA & DDB projects; \$277 for an OUC rebate (CRA0007_P), \$7K from Church St District to reimburse conference costs that City paid for (DDB0001_C), \$5K from 55W towards special events per tax incentive incentive agreement (DDB0002_C).	\$ 5,000
54 West Common Area Maintenance Arts Space	0005_F	EDV0006_P	Recognize Developer & CRA contributions towards Mad Cow Theatre space Fixed & Variable CAM	\$ 90,865
Rental Rehab	1201_F	HSG0004_P	Request to recognize revenue and program income received in various Housing projects & grants.	\$ 13,053
City Boards	0005_F	CLK0003_P	Request to recognize donations received toward City Board promotional events.	\$ 1,500
Signature Park Improvements	3001_F	PKS0007_P	Recognize rent revenue from the Relax Grill in Signature Park Project	\$ 22,985

**CITY OF ORLANDO**  
**2020 - 2024 SUPPLEMENTAL CAPITAL FUNDING**  
**FROM BUDGET REVIEW COMMITTEE**

<b>Project Name (by meeting date)</b>	<b>Fund</b>	<b>Project</b>	<b>Project Description</b>	<b>BRC Funding</b>
Funding for 3 Parramore Kidz Zone (PKZ) Positions	0005_F	FPR0001_P	Recognize reimbursement revenue from Orlando Community and Youth Trust for PKZ positions	\$ 39,000
Sidewalk Remediation Program	3001_F	STW0023_P	Transfer \$1.5M from 5015_F into STW0023_P Sidewalk Remediation Program to cover extra expenses incurred during FY19 and bring FY20 budget up to the full year program amount.	\$ 1,500,000
Events & Venues Traffic Management Study	3001_F	TRN0005_P	Establish Parking's contribution to TRN0005_P Events & Venue Traffic Management Study. This project is funded equally by Venues, Parking and Transportation to better obtain traffic management strategies and techniques to accommodate downtown traffic during overlapping events at the various venues including Camping World Stadium, Amway Center, Exploria Stadium, Dr. Phillips Performing Arts Center and Lake Eola. Venues and Transportation's	\$ 150,000
Affordable Housing	3001_F	HSG0006_P	To recognize \$2M in additional interest earnings and allocate	2,000,000
Smart Cities	3001_F	CAO0004_P	To recognize \$1M in additional interest earnings and allocate	1,000,000
Community Capital Investments FY19	3001_F	NDG0008_P	To recognize \$1.2M in additional interest earnings and allocate	1,200,000
FAC0028_P Beardall Senior Center Renovations	3001_F	FAC0028_P	Recognize interest earnings in the amount of \$900,000 to fund repairs to the Beardall Center	900,000
FAC0019_P Facility Evaluation, Repairs, and Rehabilitation	3001_F	FAC0019_P	\$300,000 is allocated to Facility projects. These include allocations for Park of the Americas (\$150k) and Lake Lorna Doone Elks building (\$150k)	300,000
FAC0027_P Orlando Shakespeare Theater Roof Grant Match	0005_F	FAC0027_P	\$250,000 is transferred to the Designated Revenue fund for a grant match for the Shakespeare Theatre roof.	250,000
FAC0024_P Fire Station and Public Safety Buildings Improvements	3001_F	FAC0024_P	\$1M for OFD facility upgrades including but not limited to improvements at station kitchens and sleeping quarters.	1,000,000
Creative Village	3001_F	EDV0004_P	\$1M is allocated to Creative Village for grounds maintenance (\$300k), Parcel J developer reimbursement (\$270k), Amelia resurfacing (\$200k), Tennis Center trailer (\$100k) and other.	1,000,000
Lymmo Electric Buses	3001_F	TRN0009_P	\$850,000 is allocated to a grant match needed by Lynx to acquire up to 7 electric buses and the associated infrastructure	850,000
Orlando United Assistance Center	3001_F	FIN0005_P	\$500,000 is allocated to provide one-time funding for the Orlando United Assistance Center for the period from January 1, 2020 through September 30, 2020	500,000
2020 Census Initiatives	0005_F	COM0004_P	\$100,000 is allocated to provide one-time funding for census outreach	100,000
Sunrail Transition - CIP	3001_F	TRN0008_P	\$1M is allocated to SunRail Transition funding. See also item #13 below.	1,000,000
Events & Venues Traffic Management Study	3001_F	TRN0005_P	\$150,000 is allocated to Events Traffic Management Improvement Study	150,000

**CITY OF ORLANDO**  
**2020 - 2024 SUPPLEMENTAL CAPITAL FUNDING**  
**FROM BUDGET REVIEW COMMITTEE**

Project Name (by meeting date)	Fund	Project	Project Description	BRC Funding
Millenia Plaza Way	3001_F	TRE0047_P	To move the surplus of red light camera revenue over expenses to the transportation safety projects. The surplus in FY19 is \$1,091,452.44 which we are rounding up to \$1.1M. To fund this transfer we use two sources: (1) we recognize \$495,000 in red light camera revenue in excess of what was budgeted; and (2) we recognize \$605,000 in Judgement & Fine revenue in excess of what was budgeted. Additionally we are moving \$80,000 from the Transportation Safety Project to Transportation Public Information project.	500,000
Terry Avenue to Amelia Street - Traffic Signalization	3001_F	TRE0046_P	To move the surplus of red light camera revenue over expenses to the transportation safety projects. The surplus in FY19 is \$1,091,452.44 which we are rounding up to \$1.1M. To fund this transfer we use two sources: (1) we recognize \$495,000 in red light camera revenue in excess of what was budgeted; and (2) we recognize \$605,000 in Judgement & Fine revenue in excess of what was budgeted. Additionally we are moving \$80,000 from the Transportation Safety Project to Transportation Public Information project.	500,000
Transportation Public Information	3001_F	TRN0010_P	To move the surplus of red light camera revenue over expenses to the transportation safety projects. The surplus in FY19 is \$1,091,452.44 which we are rounding up to \$1.1M. To fund this transfer we use two sources: (1) we recognize \$495,000 in red light camera revenue in excess of what was budgeted; and (2) we recognize \$605,000 in Judgement & Fine revenue in excess of what was budgeted. Additionally we are moving \$80,000 from the Transportation Safety Project to Transportation Public Information project.	100,000
Public Safety Initiatives	3001_F	CAO0005_P	To move several surplus revenue lines to fund the three projects. The funding totals \$2.5M and comes from: (1) \$1.325M in state revenue sharing; (3) \$850,000 in Franchise Fees - Electric; (4) \$200,000 in Interest earnings; and (5) \$125,000 from Casualty Insurance Premium Tax. This \$2.3M then funds: CAO Public Safety Initiatives (\$2.2M), EV charging stations (\$200,000) and several minor projects at Mennello Museum (\$100,000).	2,200,000
Electric Vehicle Charging Stations	3001_F	FLT0005_P	To move several surplus revenue lines to fund the three projects. The funding totals \$2.5M and comes from: (1) \$1.325M in state revenue sharing; (3) \$850,000 in Franchise Fees - Electric; (4) \$200,000 in Interest earnings; and (5) \$125,000 from Casualty Insurance Premium Tax. This \$2.3M then funds: CAO Public Safety Initiatives (\$2.2M), EV charging stations (\$200,000) and several minor projects at Mennello Museum (\$100,000).	200,000
Mennello Museum Facility Improvement	3001_F	LEU0003_P	To move several surplus revenue lines to fund the three projects. The funding totals \$2.5M and comes from: (1) \$1.325M in state revenue sharing; (3) \$850,000 in Franchise Fees - Electric; (4) \$200,000 in Interest earnings; and (5) \$125,000 from Casualty Insurance Premium Tax. This \$2.3M then funds: CAO Public Safety Initiatives (\$2.2M), EV charging stations (\$200,000) and several minor projects at Mennello Museum (\$100,000).	100,000



**CITY OF ORLANDO**  
**2020 - 2024 SUPPLEMENTAL CAPITAL FUNDING**  
**FROM BUDGET REVIEW COMMITTEE**

Project Name (by meeting date)	Fund	Project	Project Description	BRC Funding
Orlando Operations Center Repairs	3001_F	FAC0002_P	Recognize excess Sales Tax revenue in the amount of \$3,985,000. These funds will be used to fund Emergency Operations Center Phase III improvements (\$1.5M), Leu Gardens improvements (\$1,150,000), Packing District urban farm site prep (\$1M), Leu Gardens Greenhouse repairs (\$175,000) and Community Employment Program (\$160,000)	1,500,000
Packing District Site Preparation	3001_F	CIP0254_P	Recognize excess Sales Tax revenue in the amount of \$3,985,000. These funds will be used to fund Emergency Operations Center Phase III improvements (\$1.5M), Leu Gardens improvements (\$1,150,000), Packing District urban farm site prep (\$1M), Leu Gardens Greenhouse repairs (\$175,000) and Community Employment Program (\$160,000)	1,000,000
Leu Gardens Facility Improvements	3001_F	LEU0005_P	Recognize excess Sales Tax revenue in the amount of \$3,985,000. These funds will be used to fund Emergency Operations Center Phase III improvements (\$1.5M), Leu Gardens improvements (\$1,150,000), Packing District urban farm site prep (\$1M), Leu Gardens Greenhouse repairs (\$175,000) and Community Employment Program (\$160,000)	1,150,000
Green House - Leu Gardens	3001_F	LEU0006_P	Recognize excess Sales Tax revenue in the amount of \$3,985,000. These funds will be used to fund Emergency Operations Center Phase III improvements (\$1.5M), Leu Gardens improvements (\$1,150,000), Packing District urban farm site prep (\$1M), Leu Gardens Greenhouse repairs (\$175,000) and Community Employment Program (\$160,000)	175,000
Community Employment Program	0005_F	CAO0006_P	Recognize excess Sales Tax revenue in the amount of \$3,985,000. These funds will be used to fund Emergency Operations Center Phase III improvements (\$1.5M), Leu Gardens improvements (\$1,150,000), Packing District urban farm site prep (\$1M), Leu Gardens Greenhouse repairs (\$175,000) and Community Employment Program (\$160,000)	160,000
Micromobility Program	3001_F	TRN0006_P	To recognize \$14,300 of revenue generated by bike and scooter share permits and dedicate this to the Micromobility Program	14,300
S. Eola Neighborhood Small Area Plan	1070_F	TSP0007_P	Recognize revenue from developer contributions to the South Eola Neighborhood District from building permits (BLD 2018-22572-74, BLD 2018-22576-78, BLD 2019-13610) - TSP0007_P S. Eola Neighborhood Small Area Plan	10,634
Intersection Safety Improvements	1100_F	TRE0006_P	Recognize revenue from Lake Nona as outlined in the Transportation Mitigation Agreement (reimbursement of traffic calming installed FY17 in Laureate Park) - TRE0006_P Intersection Safety Improvements	71,530
Traffic Signal Refurbishment	1100_F	TRE0007_P	Recognize revenue from insurance claims reimbursements for damaged traffic/pedestrian signals. - TRE0007_P Traffic Signal Refurbishment	35,794
Mass Transit Florida Hospital	3001_F	TSP0003_P	Recognize revenue from UCF Mitigation Development at Lake Nona for Narcoossee Road and Recognize additional impact fee revenue received in IFT - SE and appropriate to Narcoossee Road - TRE0028_P - Narcoossee Widening: SR 528 - SR417	30,000
Dowden Road Phase 1 - Construction Management	1071_F	TSP0061_P	City Commons R&R Fund budget line clean-up. Reduce Fund Contingency in CCA0011_C & PKG0006_P to align with current year expenditures - City Commons Repairs	250,000
Orlando Performing Arts Center (PAC) Development Contribution	4060_F	PAC0027_P	Establish the budget for \$60M in County Tourist Development Tax (TDT) Funds for the Camping World Stadium Improvements Project.	\$ (1,130,000)

**CITY OF ORLANDO**  
**2020 - 2024 SUPPLEMENTAL CAPITAL FUNDING**  
**FROM BUDGET REVIEW COMMITTEE**

<b>Project Name (by meeting date)</b>	<b>Fund</b>	<b>Project</b>	<b>Project Description</b>	<b>BRC Funding</b>
Performing Arts Center (PAC) Stage 2 Costs	4052_F	PAC0014_P	This entry will reduce the assumed earnings toward the target in Fund 4052_F and allocates the remaining \$3M target in Fund 4062_F. It also reduces remaining revenue and expense budgets	\$ (973,545)
Decorative Lighting	3001_F	TRE0009_P	Establish the budget for the Lancaster Drive Decorative Street Lighting Project. The City's share of the cost is funded from available funds in the Capital Improvements Fund and the property owners' share will be initially funded by funds available in the Special Assessments Fund and will be paid back to the Special Assessments Fund over 10 years at an interest rate of 5.5%. The final resolution and assessment was approved by City Council on September 16, 2019.	\$ 62,000
Lake Lorna Doone Private Contributions	3001_F	CIP0252_P	This entry establishes the budget for the privately paid costs. The initial cost split for the project is \$5 million City-funded and \$3M FCSE-funded per the attached agreement. Revenues and expenses will be non-cash journal entries to record the costs for the value of the asset. Assessments Fund and will be paid back to the Special Assessments Fund over 10 years at an interest rate of 5.5%. The final resolution and assessment was approved by City Council on September 16, 2019.	\$ 3,000,000
Packing District Private Contributions	3001_F	NDG0006_P	This entry establishes the budget for the Dr. Phillips Center's direct payment of costs on the Packing District Project.	\$ 4,695,367

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**COMMUNITY INFRASTRUCTURE**

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**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For Community Infrastructure**

<b>PROJECT NAME</b>	<b>PROJECT</b>	<b>D PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL</b>	<b>CIE</b>
Affordable Housing	19-HSG-001	1.	2,000,000	5,000,000	5,000,000	5,000,000	5,000,000	22,000,000	0	0	22,000,000	N
DSNID Projects	18-EDV-006	2.	1,160,000	700,000	600,000	350,000	450,000	3,260,000	710,000	0	3,970,000	N
<b>TOTAL</b>			\$3,160,000	\$5,700,000	\$5,600,000	\$5,350,000	\$5,450,000	\$25,260,000	\$1,110,000	\$0	\$26,370,000	

TYPE OF SERVICE:	Community Infrastructure	PROJECT NUMBER	PROJECT NAME:	FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	HOUSING	19-HSG-001	Affordable Housing	HSG0006_P	0				
DIVISION:	HOUSING	PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<p>In March of 2019 the Washington D.C. based National Low Income Housing Coalition placed the Orlando-Kissimmee-Sanford area in critical need of additional affordable housing, with just 13 affordable, available rental homes for every 100 extremely low-income renter households. The Housing and Community Development Department administers local, state and federal funds designated for housing and community development. The Department plans, develops and implements programs and activities to meet identified needs in the community, such as home ownership, rental and owner occupied housing rehabilitation, public service activities, public facilities and infrastructure improvements, and assistance to the homeless population and persons with HIV/AIDS.</p>				Department Rating 1. CIE Requirement					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Oren Henry 4072462328					
<p>The Housing and Community Development Department will use these capital funds to leverage additional funds for the development and preservation of affordable and mixed income housing in the city. As one example, this could take the form of leveraging low income housing tax credits through loans or grants. These capital funds could also be used to match other local, private, state or federal funds</p> <p>for the purpose of financing and refinancing of permanent supportive, public, affordable, workforce, and market rate housing units. The funds would be used to further the goal of maintaining or increasing the supply of Housing for All. Projects could be city wide, impacting multiple districts.</p>				REMARKS					
				SERVICE AREA					
				Citywide					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$2,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$22,000,000	\$0	\$0	\$22,000,000
<b>ALL</b>	\$2,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$22,000,000	\$0	\$0	\$22,000,000
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+/-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To			Salaries, Wages, Benefits			
						Operating Costs			
						Other Capital Costs			
						Total Annual Operating Costs:			
						SOURCE:			
						Total Annual Income			



TYPE OF SERVICE: Community Infrastructure		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: ECONOMIC DEVELOPMENT		18-EDV-006		DSNID Projects		EDV0009_P		0	
DIVISION: ECONOMIC DEV. ADMIN.		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
The SODO District is in transition and becoming a more urban multi-modal area in Orlando. To accommodate this transition and the new mixed use development efforts are being made to upgrade the road, bike, transit and pedestrian environment. The items listed in this CIP are part of the solutions needs for this area to maximize its economical potential.						Department Rating 2.			
						CIE Requirement			
						CONTACT: Martin Hudson		4072463242	
						REMARKS			
						EDV0009_P DSNID Projects			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						SERVICE AREA			
Capital projects and other multi-year commitments of the Downtown South Neighborhood Improvement District.						South Downtown Orlando			
2019/20: Placemaking enhancements (\$100,000), Orange Avenue Phase II - FDOT (\$669,837), Michigan and Corner Clio (\$250,000), O-line (\$250,000).						LOCATION			
The Downtown South Neighborhood Improvement District proposes to fund design work for enhancements to several corridors within the District, in order to attract future funding for construction. For example, Division Avenue is a Florida Strategic Intermodal System facility, which could seek state funds to connect the SunRail Station to Interstate-4 while providing critical bike, freight and regional mobility needs, while enhancing connectivity out of Downtown Orlando.									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1170	\$1,160,000	\$700,000	\$600,000	\$350,000	\$450,000	\$3,260,000	\$0	\$710,000	\$3,970,000
<b>ALL</b>	<b>\$1,160,000</b>	<b>\$700,000</b>	<b>\$600,000</b>	<b>\$350,000</b>	<b>\$450,000</b>	<b>\$3,260,000</b>	<b>\$0</b>	<b>\$710,000</b>	<b>\$3,970,000</b>
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+/-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From To				Salaries, Wages, Benefits			
						Operating Costs			
						Other Capital Costs			
						Total Annual Operating Costs:			
						SOURCE:			
						Total Annual Income			



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**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For Economic Development**

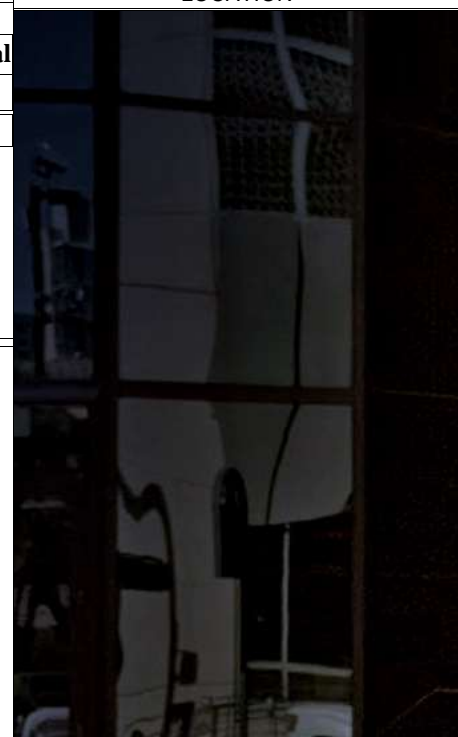
<b>PROJECT NAME</b>	<b>PROJECT</b>	<b>D PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL</b>	<b>CIE</b>
Downtown Capital Maintenance	16-CRA-002	3.	775,000	300,000	250,000	250,000	250,000	1,825,000	800,000	0	2,625,000	N
Downtown Lighting	17-CRA-004	4.	1,000,000	500,000	250,000	250,000	500,000	2,500,000	150,000	0	2,650,000	N
DTO Implementation	16-CRA-003	2.	6,000,000	2,000,000	2,000,000	2,000,000	3,000,000	15,000,000	7,497,046	0	22,497,046	N
Parramore Housing Initiative	17-CRA-005	2.	2,000,000	3,500,000	3,000,000	2,000,000	2,000,000	12,500,000	4,800,000	0	17,300,000	N
Southeast Projects	19-FIN-001	4.	1,050,000	1,130,000	1,160,000	1,190,000	1,210,000	5,740,000	3,250,022	5,749,978	14,740,000	N
Streetscape Improvements	18-CRA-002	2.	500,000	1,000,000	500,000	250,000	500,000	2,750,000	450,000	0	3,200,000	Y
Under I Design	18-CRA-001	4.	1,000,000	1,000,000	1,500,000	2,000,000	2,500,000	8,000,000	2,250,000	0	10,250,000	N
<b>TOTAL</b>			\$12,325,000	\$9,430,000	\$8,660,000	\$7,940,000	\$9,960,000	\$48,315,000	\$19,197,068	\$5,749,978	\$73,262,046	

TYPE OF SERVICE: Economic Development		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: ECONOMIC DEVELOPMENT		16-CRA-002 Downtown Capital Maintenance		CRA0016_P		0			
DIVISION: COMMUNITY REDEVELOPMENT AGEN		PRIORITY: Repair / Replacement		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: Needed repairs and updates to the downtown streetscape that is above and beyond the normal day to day maintenance required.				Department Rating		3.			
				CIE Requirement		N			
				CONTACT: Robert Fish		4072463680			
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Downtown Clean Team is updating right of ways including additional right of ways added by Creative Village; tree removals and installs; tree grates and planter box updates and rehabs; enhanced trash & recycling receptacles.				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1250	\$775,000	\$300,000	\$250,000	\$250,000	\$250,000	\$1,825,000	\$0	\$800,000	\$2,625,000
<b>ALL</b>	<b>\$775,000</b>	<b>\$300,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,825,000</b>	<b>\$0</b>	<b>\$800,000</b>	<b>\$2,625,000</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE:	Economic Development	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	ECONOMIC DEVELOPMENT	17-CRA-004	Downtown Lighting							CRA0011_P	0
DIVISION:	COMMUNITY REDEVELOPMENT AGEN	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:											
Insufficient lighting for pedestrians in and around the Central Business District as well as Creative Village. Decorative lighting for both the holidays as well as in the evenings is desired through this project as well.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Lighting improvements needed in the Eola and Parramore areas to accommodate increased pedestrian traffic - we are working with OUC to tackle these problems. Holiday lighting has been purchased for the last 3 years to fill the desire for Downtown Orlando to look more festive at the holidays - thus bringing more visitors to the Business District. An RFP for permanent decorative lighting will go out this summer to enhance our downtown corridor on a daily basis.											
We are also looking to improve the holiday lighting in and around Lake Eola as well as City Hall - an RFP is in the works.											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total		
1250	\$1,000,000	\$500,000	\$250,000	\$250,000	\$500,000	\$2,500,000	\$0	\$150,000	\$2,650,000		
ALL	\$1,000,000	\$500,000	\$250,000	\$250,000	\$500,000	\$2,500,000	\$0	\$150,000	\$2,650,000		
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
Lake Eola/City Hall Holiday Lighting		10/1/2019	9/30/2024	\$200,000		Salaries, Wages, Benefits					
Decorative Lighting		10/1/2019	9/30/2024	\$400,000		Operating Costs					
OUC Repair Work		4/11/2019	9/30/2020	\$800,000		Other Capital Costs					
Holiday Lighting		5/2/2019	12/1/2019	\$200,000		Total Annual Operating Costs:					
SOURCE:											

Total Annual Income



TYPE OF SERVICE: Economic Development		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: ECONOMIC DEVELOPMENT		16-CRA-003 DTO Implementation		CRA0017_P		0			
DIVISION: COMMUNITY REDEVELOPMENT AGEN		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2.					
<p>DTO Vision Plan came out of the DTO Outlook that established 10 foundational areas for our team to focus on improving within our boundaries downtown. These items include DTOutdoors; DTOptimized; DTOutstanding; DTOppportunity; DTOne of A Kind; DTOOriginal; DTOvation; DTOwn; DTOOrigins; DTOptimism.</p>				CIE Requirement					
				CONTACT: David Barilla 4072463703					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
<p>Multi-year funding will be required to implement various projects and initiatives identified in the Project DTO Vision Plan. Projects will be short, mid, and long-term in nature. Current projects in process include vehicular wayfinding; rideshare hubs; downtown restrooms; streetscape; Creative Village; Checker Park; Gertrude's Walk; Orange &amp; nson Pocket Park; District Revitalization; and pedestrian wayfinding.</p>									
SERVICE AREA									
DOWNTOWN									
LOCATION									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1250	\$6,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$3,000,000	\$15,000,000	\$0	\$7,497,046	\$22,497,046
<b>ALL</b>	\$6,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$3,000,000	\$15,000,000	\$0	\$7,497,046	\$22,497,046
PROJECT COST BY PHASE									
IMPACT ON OPERATING COST (+-)									
Project Phasing		Estimated Time		Estimated Cost					
Description		From To				Salaries, Wages, Benefits			
Public Restrooms		10/1/2019 9/30/2020		\$1,000,000		Operating Costs			
District Revitalization		4/11/2019 9/30/2020		\$1,000,000		Other Capital Costs			
Pedestrian Wayfinding		10/1/2019 5/1/2020		\$200,000		Total Annual Operating Costs:			
Downtown Master Plan		10/1/2019 9/30/2020		\$1,000,000					
Pocket Park		4/11/2019 9/30/2020		\$1,250,000					
Check Park Phase I & II		4/11/2019 1/2/2020		\$100,000					
Creative Village		4/11/2019 1/1/2020		\$4,500,000					

TYPE OF SERVICE:	Economic Development	PROJECT NUMBER:	PROJECT NAME:	FINANCIAL PROJECT #	PAGE																																																				
DEPARTMENT:	ECONOMIC DEVELOPMENT	17-CRA-005	Parramore Housing Initiative	CRA0007_P	0																																																				
DIVISION:	COMMUNITY REDEVELOPMENT AGEN	PRIORITY:	Existing Deficiency	PROJECT RANKING																																																					
PROBLEM IDENTIFICATION OR NEED:				Department Rating	2.																																																				
Increasing need for more affordable housing options in Central Florida - specifically in District 5. Also many housing options that could be utilized in this need that exist already - need a great amount of rehabilitation.				CIE Requirement																																																					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: David Barilla	4072463703																																																				
The CRA has begun to build multiple affordable housing units in the Parramore area including Parramore Infill Housing and Parramore Oaks that are already in process. This project is also being utilized under the new Parramore Asset Stabilization Fund for the rehab of current Parramore homes.				REMARKS																																																					
				SERVICE AREA																																																					
				DOWNTOWN																																																					
				LOCATION																																																					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																
1250	\$2,000,000	\$3,500,000	\$3,000,000	\$2,000,000	\$2,000,000	\$12,500,000	\$0	\$4,800,000	\$17,300,000																																																
<b>ALL</b>	\$2,000,000	\$3,500,000	\$3,000,000	\$2,000,000	\$2,000,000	\$12,500,000	\$0	\$4,800,000	\$17,300,000																																																
<table border="1"> <thead> <tr> <th colspan="4">PROJECT COST BY PHASE</th> <th colspan="2">IMPACT ON OPERATING COST (+/-)</th> </tr> <tr> <th>Project Phasing</th> <th colspan="2">Estimated Time</th> <th>Estimated Cost</th> <th colspan="2"></th> </tr> <tr> <th>Description</th> <th>From</th> <th>To</th> <th></th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>Parramore Oaks Phase I</td> <td>10/1/2019</td> <td>9/30/2020</td> <td>\$1,148,000</td> <td colspan="2">Salaries, Wages, Benefits</td> </tr> <tr> <td>Carver Park Phase II</td> <td>10/1/2019</td> <td>9/30/2020</td> <td>\$3,950,000</td> <td colspan="2">Operating Costs</td> </tr> <tr> <td>Carver Park Phase I</td> <td>10/1/2019</td> <td>9/30/2020</td> <td>\$3,200,000</td> <td colspan="2">Other Capital Costs</td> </tr> <tr> <td>Infill Phase Ic</td> <td>10/1/2019</td> <td>9/30/2020</td> <td>\$2,115,000</td> <td colspan="2">Total Annual Operating Costs:</td> </tr> <tr> <td>Infill Phase Ib</td> <td>10/1/2019</td> <td>9/30/2020</td> <td>\$1,175,000</td> <td colspan="2"></td> </tr> </tbody> </table>										PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+/-)		Project Phasing	Estimated Time		Estimated Cost			Description	From	To				Parramore Oaks Phase I	10/1/2019	9/30/2020	\$1,148,000	Salaries, Wages, Benefits		Carver Park Phase II	10/1/2019	9/30/2020	\$3,950,000	Operating Costs		Carver Park Phase I	10/1/2019	9/30/2020	\$3,200,000	Other Capital Costs		Infill Phase Ic	10/1/2019	9/30/2020	\$2,115,000	Total Annual Operating Costs:		Infill Phase Ib	10/1/2019	9/30/2020	\$1,175,000		
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+/-)																																																					
Project Phasing	Estimated Time		Estimated Cost																																																						
Description	From	To																																																							
Parramore Oaks Phase I	10/1/2019	9/30/2020	\$1,148,000	Salaries, Wages, Benefits																																																					
Carver Park Phase II	10/1/2019	9/30/2020	\$3,950,000	Operating Costs																																																					
Carver Park Phase I	10/1/2019	9/30/2020	\$3,200,000	Other Capital Costs																																																					
Infill Phase Ic	10/1/2019	9/30/2020	\$2,115,000	Total Annual Operating Costs:																																																					
Infill Phase Ib	10/1/2019	9/30/2020	\$1,175,000																																																						




TYPE OF SERVICE: Economic Development		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE				
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		19-FIN-001 Southeast Projects		FIN0003_P		0				
DIVISION: CHIEF FINANCIAL OFFICER		PRIORITY: Future Need/Planned Expansion		PROJECT RANKING						
PROBLEM IDENTIFICATION OR NEED:				Department Rating 4.						
Fund will be used to reimburse the developer of Lake Nona for the construction of Narcoossee roadways. A total of \$13.5 million has been allocated for the project as growth progresses.				CIE Requirement						
				CONTACT: Martin Carmody 4072462082						
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS						
On an annual basis, the developer will be reimbursed according to a calculation outlined in agreement.										
Cumulative incentive payments ("Total Park Contribution") will not exceed \$10,000,000 for Laureate Park Park and East Airfield Park. In addition to the Total Park Contribution, City will pay up to \$3,500,000 for additional public improvements ("Additional Contribution").				SERVICE AREA						
				DISTRICT 1						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION						
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total	
3001	\$1,050,000	\$1,130,000	\$1,160,000	\$1,190,000	\$1,210,000	\$5,740,000	\$5,749,978	\$3,250,022	\$14,740,000	
<b>ALL</b>	\$1,050,000	\$1,130,000	\$1,160,000	\$1,190,000	\$1,210,000	\$5,740,000	\$5,749,978	\$3,250,022	\$14,740,000	
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost						
Description		From To		Salaries, Wages, Benefits						
				Operating Costs						
				Other Capital Costs						
				Total Annual Operating Costs:						
				SOURCE:						
				Total Annual Income						

TYPE OF SERVICE: Economic Development		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: ECONOMIC DEVELOPMENT		18-CRA-002 Streetscape Improvements		CRA0018_P		0			
DIVISION: COMMUNITY REDEVELOPMENT AGEN		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: Major damage existing on sidewalks both concrete and paver - creating trip hazards and unsightly damage. Continuing to move through downtown and repair paver areas that are causing hazards or are unsightly. Doing a little work on Orange where hazards have presented themselves. The rest of the work for the next two years will be on C&D streets - streets deemed to not be main. Once Downtown Master Plan is complete - A&B streets will receive repair/replacement work.				Department Rating 2.					
				CIE Requirement					
				CONTACT: Bob Fish 4078328010					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Utilizing Clean Team and outside vendors to tackle trip hazards and unsightly streetscape in order of importance/priority.				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1250	\$500,000	\$1,000,000	\$500,000	\$250,000	\$500,000	\$2,750,000	\$0	\$450,000	\$3,200,000
<b>ALL</b>	\$500,000	\$1,000,000	\$500,000	\$250,000	\$500,000	\$2,750,000	\$0	\$450,000	\$3,200,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To							
A&B Streets		10/1/2020 3/1/2022		\$2,000,000					
C&D Streets		1/1/2019 1/1/2020		\$1,000,000					
					Salaries, Wages, Benefits				
					Operating Costs				
					Other Capital Costs				
					Total Annual Operating Costs:				
					SOURCE:				
					Total Annual Income				





TYPE OF SERVICE: Economic Development		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: ECONOMIC DEVELOPMENT		18-CRA-001 Under I Design		CRA0019_P		0			
DIVISION: COMMUNITY REDEVELOPMENT AGEN		PRIORITY: Future Need/Planned Expansion		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: Now with a larger expanse under the new I4 interchange there is a need to activate this space and bring the east business district together with the west sports district/Parramore.				Department Rating		4.			
				CIE Requirement		Y			
				CONTACT: David Barilla		4072463703			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Design and implement an interactive zone underneath the new I4 interchange in downtown between Robinson Street and Church St.				REMARKS					
				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1250	\$1,000,000	\$1,000,000	\$1,500,000	\$2,000,000	\$2,500,000	\$8,000,000	\$0	\$2,250,000	\$10,250,000
<b>ALL</b>	\$1,000,000	\$1,000,000	\$1,500,000	\$2,000,000	\$2,500,000	\$8,000,000	\$0	\$2,250,000	\$10,250,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From To							
Implementation		10/1/2019 9/30/2020		\$8,000,000					
Design		10/1/2019 9/30/2020		\$1,500,000					
									





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**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For General Government**

<b>PROJECT NAME</b>	<b>PROJECT</b>	<b>D PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL</b>	<b>CIE</b>
Information Technology Enhanceme	09-TMD-001	2.1	2,130,000	559,501	0	0	0	2,689,501	14,760,000	22,344,356	39,793,857	N
Information Technology Hardware &	18-TMD-007	2.4	210,000	0	0	0	0	210,000	0	0	210,000	N
Information Technology Security Mea	18-TMD-006	2.4	400,000	0	0	0	0	400,000	400,000	0	800,000	N
Microfilm Digitizing	20-CLK-001	2.	0	100,000	0	0	0	100,000	0	0	100,000	N
Operational Efficiency Project	18-TMD-002	2.4	260,000	0	0	0	0	260,000	175,000	0	435,000	N
Phone System Upgrade	18-TMD-001	1.4	0	500,000	50,000	0	0	550,000	0	0	550,000	N
Real Estate Acquisition	16-REM-001	4.3	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000	1,063,386	0	6,063,386	N
<b>TOTAL</b>			\$4,000,000	\$2,159,501	\$1,050,000	\$1,000,000	\$1,000,000	\$9,209,501	\$16,398,386	\$22,344,356	\$47,952,243	

TYPE OF SERVICE: General Government		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		09-TMD-001 Information Technology Enhancements		TMD0003_P		0			
DIVISION: TECHNOLOGY MANAGEMENT		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: Enterprise-level funding to acquire, upgrade and improve the City's overall Information Technology infrastructure. Includes hardware, software, implementation services, and external support services involving information systems, networks and applications for internal operations and external communications				Department Rating		2. 1			
				CIE Requirement		N			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Detailed listing of Approved projects in FY2019/2020 below:  Cloud Backup Services: Physical Servers, Quantum, StorSimple, miscellaneous \$150,000; Digital Evidence Storage Expansion \$120,000; Digital Signage/Meeting Scheduler \$50,000; Electronic Storage - Council Video \$75,000; ITSM Pro Services \$850,000; ITSM ServiceNow Licensing \$600,000; LogRhythm Upgrades \$60,000; Quest Spotlight SQL Database Monitoring and Alerting Software \$21,600; Server Lifecycle Replacement/Augmentations \$150,000  Total \$2,126,600 (\$2,130,000 approved budget)  Detailed listing of Unapproved projects in FY2019/2020 below:				CONTACT: Rosa Akhtarkhava 4072462124					
				REMARKS Formerly named Technology Management Enhancement Projects; changed in FY18 capital plan. Items to be replaced each year within budgeted allotment to be determined by the Chief Information Officer.					
				Projects identified were approved based on prioritization; however, are subject to change if deemed necessary by city staff.					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$2,130,000	\$559,501	\$0	\$0	\$0	\$2,689,501	\$22,344,356	\$14,760,000	\$39,793,857
<b>ALL</b>	<b>\$2,130,000</b>	<b>\$559,501</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,689,501</b>	<b>\$22,344,356</b>	<b>\$14,760,000</b>	<b>\$39,793,857</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: General Government		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		18-TMD-007 Information Technology Hardware & Software Updates		TMD0007_P		0			
DIVISION: TECHNOLOGY MANAGEMENT		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: Enterprise-level funding to facilitate life-cycle, upgrades and replacements of personal computer hardware, software, and associated peripherals.				Department Rating		2. 4			
				CIE Requirement		N			
				CONTACT: Rosa Akhtarkhava 4072462124					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
Detailed listing of Approved projects in FY2019/2020 below:									
Hard Drive Encryption FY20 \$50,000; Two-factor Authentication \$50,000; MS Office 365/ProPlus \$109,200									
Total: \$209,200 (\$210,000 approved budget)									
Detailed listing of Unapproved projects in FY2019/2020 below:									
Desktop and Mobile Computer Lifecycle Replacements \$1,700,000; In Car Wi-Fi solution \$1,000,000; In Car Wi-Fi solution installation \$250,000.									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$210,000	\$0	\$0	\$0	\$0	\$210,000	\$0	\$0	\$210,000
<b>ALL</b>	\$210,000	\$0	\$0	\$0	\$0	\$210,000	\$0	\$0	\$210,000
SERVICE AREA								CITYWIDE	
LOCATION									
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To			Salaries, Wages, Benefits			
						Operating Costs			
						Other Capital Costs			
						Total Annual Operating Costs:			
						SOURCE:			
						Total Annual Income			

TYPE OF SERVICE: General Government		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		18-TMD-006 Information Technology Security Measures		TMD0006_P		0			
DIVISION: TECHNOLOGY MANAGEMENT		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: Enterprise-level funding to acquire, upgrade, and improve the City's Information Technology Security systems. Includes hardware, software, and external services to assess and enhance physical and data access controls, to monitor critical operations, and to develop/maintain business continuity/recovery capabilities. Priorities and emphases include risk management, threat detection/mitigation, and Public Safety.				Department Rating		2. 4			
				CIE Requirement		N			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Detailed listing of Approved projects in FY2019/2020 below: Internet Content Filtering Upgrade \$100,000; IPS FY20 \$200,000; Cloud Service Monitoring Tools \$40,000; ADA Compliance \$50,000 Total: \$390,000 (\$400,000 approved budget) Detailed listing of anticipated projects in FY2018/2019: Microsoft Azure Information Protection - \$67,000; Microsoft Advance Threat Protection - \$67,000; LogRhythm Hardware Addition - \$54,035; Threat Protection Software - \$170,000				CONTACT: Rosa Akhtarkhava 4072462124					
				REMARKS Projects identified were approved based on prioritization; however, are subject to change if deemed necessary by city staff.					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0	\$400,000	\$800,000
<b>ALL</b>	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0	\$400,000	\$800,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: General Government		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0																																																										
DEPARTMENT: EXECUTIVE OFFICES		20-CLK-001 Microfilm Digitizing																																																													
DIVISION: CITY CLERK		PRIORITY: Existing Deficiency																																																													
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING																																																											
<p>Our existing microfilm records are not compatible with digital document management services and we are unable to maintain the outdated equipment needed to view microfilm and provide responsive documents to requestors. Converting microfilm to a digital format will improve efficiency and allow internal and external access to records. In addition, existing rolls of film are degrading and can no longer continue serving as the city's permanent record.</p> <p>The City Clerk is the custodian of all ordinances, records, files, books and papers of the City. The City Clerk is also responsible for maintaining records that are taken and accepted as evidence in courts of law.</p>				Department Rating 2. CIE Requirement N																																																											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Laurie Nossair 4072463538																																																											
Funding is requested to hire a vendor to convert microfilm into an electronic format that will be integrated into a Document Management System.				REMARKS																																																											
				SERVICE AREA																																																											
				CITY HALL																																																											
				LOCATION																																																											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																															
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																						
3001	\$0	\$100,000	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000																																																						
<b>ALL</b>	\$0	\$100,000	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000																																																						
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PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)																																																											
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TYPE OF SERVICE: General Government		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		18-TMD-002 Operational Efficiency Project		TMD0002_P		0			
DIVISION: TECHNOLOGY MANAGEMENT		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 4					
Enterprise-level funding for programs and applications to enable effective City services to the citizens. Includes public-facing information systems, as well as internal productivity tools used by all City Offices and Departments.				CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Rosa Akhtarkhava 4072462124					
Digital Hall Phase II				REMARKS					
FY18/19 - \$175,000				SERVICE AREA					
FY19/20 - \$260,000 (\$181,904, plus \$78,096 in Contingency)				CITYWIDE					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$260,000	\$0	\$0	\$0	\$0	\$260,000	\$0	\$175,000	\$435,000
<b>ALL</b>	\$260,000	\$0	\$0	\$0	\$0	\$260,000	\$0	\$175,000	\$435,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					





TYPE OF SERVICE: General Government		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		18-TMD-001 Phone System Upgrade		TMD0001_P		0			
DIVISION: TECHNOLOGY MANAGEMENT		PRIORITY: Critical Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: Enterprise-level funding to facilitate life-cycle upgrades and replacements of internal telephone system components. Includes hardware, software, and implementation services.				Department Rating 1. 4					
				CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Detailed listing of anticipated projects in FY2019/2020 below:  Phone System Upgrade - Primary CIP project \$500,000.00  Phone System Replacement - \$390,000; Fire Department Phones - \$39,000; Other - \$79,000.  Fund/Phone Count/% of Phone Lines/Cost Allocated: 1110_F/126/5.0%/\$25,000; 1155_F/24/1.0%/\$5,000; 1200_F/14/1.0%/\$5,000; 1250_F/13/1.0%/\$5,000; 4003_F/23/1.0%/\$5,000; 4100_F/154/6.0%/\$30,000; 4132_F/38/2.0%/\$10,000; 4150_F/28/1.0%/\$5,000; 4160_F/22/1.0%/\$5,000; 5001_F/22/1.0%/\$5,000; 5015_F/16/1.0%/\$5,000 5020_F/31/1.0%/\$5,000				CONTACT: Rosa Akhtarkhava 4072462124					
				REMARKS Total estimated cost was \$577,750; however, request reduced to \$429,000 as \$110,000 of cost will be allocated to other funds based off proportional number of phones.					
				Projects identified were approved based on prioritization; however, are subject to change if deemed necessary by city staff.					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$500,000	\$50,000	\$0	\$0	\$550,000	\$0	\$0	\$550,000
<b>ALL</b>	\$0	\$500,000	\$50,000	\$0	\$0	\$550,000	\$0	\$0	\$550,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: General Government		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		16-REM-001 Real Estate Acquisition		REM0010_P		0			
DIVISION: REAL ESTATE MGMT.		PRIORITY: Future Need/Planned Expansion		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 4. 3					
Periodically the City needs to take advantage of the real estate market to purchase property in strategic positions throughout the City. This endeavor could carry a significant cost but we need to be able to react quickly to opportunities that are in the best interest of the City.				CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Laurie Botts 4072462653					
Continue the funding for strategic land acquisitions including costs associated with those purchases such as surveys, title work, and environmental remediation. There is a possibility that in the future land purchases and costs from this funding source could be offset by land sales or transfers of costs to the actual infrastructure and facility project being constructed on the land parcel.				REMARKS					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3006	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$0	\$1,063,386	\$6,063,386
<b>ALL</b>	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$0	\$1,063,386	\$6,063,386
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					





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**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For Public Safety**

<b>PROJECT NAME</b>	<b>PROJECT</b>	<b>D PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL</b>	<b>CIE</b>
Fire Equipment Replacement	05-OFR-001	1.1	1,200,000	1,300,000	1,300,000	1,300,000	1,300,000	6,400,000	3,400,000	4,800,000	14,600,000	N
Fire Training and Admin Facility - Ph	17-OFR-003	2.	0	100,000	5,000,000	15,000,000	0	20,100,000	0	0	20,100,000	N
Police Equipment Replacement	19-OPD-001	1.	2,315,000	1,300,000	1,300,000	1,300,000	1,300,000	7,515,000	1,300,000	0	8,815,000	N
Real Time Crime Center (RTCC)	20-OPD-003	1.	0	100,000	0	0	0	100,000	0	0	100,000	N
<b>TOTAL</b>			\$3,515,000	\$2,800,000	\$7,600,000	\$17,600,000	\$2,600,000	\$34,115,000	\$4,700,000	\$4,800,000	\$43,615,000	

TYPE OF SERVICE:	Public Safety	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	FIRE DEPARTMENT	05-OFR-001	Fire Equipment Replacement							OFD0003_P	0
DIVISION:	FIRE ADMINISTRATION	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
Large equipment items, including bunker gear, air packs and bottles, portable/mobile radios, and other equipment for emergency deployment are replaced on rotation, based on their useful life cycle.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Provide an annual source of funding to accomplish these equipment replacements. Items to be replaced each year within budgeted allotment to be determined by the Fire Chief.											
The bulk of this year's request will go toward funding replacement portable radios (\$750K), funding to complete the purchase of outstanding U CAP IT machines (\$50K) used at each Fire Station to monitor and securely store narcotics and other restricted pharmaceuticals. Cardiac monitors and extrication and rescue equipment (saws, blades, rope, dive equipment, hazmat suits, etc) are replaced on rotating annual schedules and/or as needed. Also, as bunker gear is purchased every five years on alternating cycles (2 sets, 10 year life), OFD will need to allocate a portion of this request toward the next large purchase scheduled for FY21/22.											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total		
3001	\$1,200,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,400,000	\$4,800,000	\$3,400,000	\$14,600,000		
<b>ALL</b>	\$1,200,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,400,000	\$4,800,000	\$3,400,000	\$14,600,000		
PROJECT COST BY PHASE											
IMPACT ON OPERATING COST (+-)											
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
				Salaries, Wages, Benefits							
				Operating Costs							
				Other Capital Costs							
				Total Annual Operating Costs:							
				SOURCE:							
				Total Annual Income							

PROJECT RANKING	
Department Rating	1. 1
CIE Requirement	N
CONTACT: Tysha Resnick	4072463131
REMARKS	
SERVICE AREA	
CITYWIDE	
LOCATION	



TYPE OF SERVICE: Public Safety		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: FIRE DEPARTMENT		17-OFR-003 Fire Training and Admin Facility - Phase I				0			
DIVISION: FIRE-RESCUE OPERATIONS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<p>Fire Training, Fire Supply, and Emergency Medical Services (EMS) are currently housed in three separate buildings. Fire Administration is on top of Fire Station 1, in the heart of downtown. Fire training is currently located at Primrose (FPR) and this has caused citizen complaints about curb appeal. Additionally, FPR has needs for expansion. Fire Supply is housed out at Facilities, across from EMS.</p>				Department Rating		2.			
				CIE Requirement		N			
				CONTACT: Tysha Resnick		4072463131			
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
<p>Condading Fire Training, Fire Supply, and Fire Administration in the same building in order to make organizational and communication efforts more efficient. City has already purchased the land required for this facility (near OPD Training Facility).</p> <p>Phase I would consist of securing funding to move forward with ddcitation of architectural drawings/conceptual renderings, site assessments and cost analysis of a two story structure to accommodate classrooms, conference rooms, offices, loading dock, storage and auditorium. These renderings and analysis will provide the information necessary to identify the next steps and feasibility of this training location.</p>									
				SERVICE AREA					
				AZALEA PARK					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$100,000	\$5,000,000	\$15,000,000	\$0	\$20,100,000	\$0	\$0	\$20,100,000
<b>ALL</b>	\$0	\$100,000	\$5,000,000	\$15,000,000	\$0	\$20,100,000	\$0	\$0	\$20,100,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
Phase II - Training/EMS		10/1/2022	9/30/2023	\$15,000,000		Salaries, Wages, Benefits			
Phase II - Administration		10/1/2021	9/30/2022	\$5,000,000		Operating Costs			
Phase I - Architectural design		10/1/2020	9/30/2021	\$100,000		Other Capital Costs			
						Total Annual Operating Costs:			
						SOURCE:			
						Total Annual Income			

TYPE OF SERVICE:	Public Safety	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	POLICE DEPARTMENT	19-OPD-001	Police Equipment Replacement							OPD0002_P	0
DIVISION:	POLICE ADMINISTRATION	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:											
<p>OPD has has required equipment that needs to be replaced on an ongoing basis. See Annual Equipment Replacement Schedule FY20. Failure to replace equipment on a regular cycle can lead to equipment failures and unexpected large replacement purchases.</p> <p>Also, OPD has the need to acquire new and replacement equipment. Annually, requests for one-time purchases of new and replacement equipment can be anticipated.</p>											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
<p>OPD and OMB have created a 5-year equipment replacement schedule. For equipment replacement, \$1,400,000 is allocated. There is a long standing agreement between the Department and the CAO's office that OPD will pay for IRIS camera replacement and repair. For IRIS, \$150,000 is provided. \$250,000 for Training Simulator</p> <p>Four additional one-time allocations are included: (1) \$60,000 for a variable frequency detection system at the gun range; (2) \$120,000 for a bike rack at the evidence whse; (3) \$185,000 for a portion of the cost of a heavy-duty vehicle; and (4) \$150,000 for rapid DNA testing equipment</p>											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total		
3001	\$2,315,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$7,515,000	\$0	\$1,300,000	\$8,815,000		
<b>ALL</b>	<b>\$2,315,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$7,515,000</b>	<b>\$0</b>	<b>\$1,300,000</b>	<b>\$8,815,000</b>		
<b>Equipment</b>											
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To	Salaries, Wages, Benefits \$0							
				Operating Costs							
				Other Capital Costs							
				Total Annual Operating Costs:							
				SOURCE:							
				Total Annual Income							



TYPE OF SERVICE:	Public Safety	PROJECT NUMBER:	PROJECT NAME:	FINANCIAL PROJECT #	PAGE																																																																			
DEPARTMENT:	POLICE DEPARTMENT	20-OPD-003	Real Time Crime Center (RTCC)		0																																																																			
DIVISION:	POLICE INVESTIGATIVE SERVICES	PRIORITY:	Critical Deficiency																																																																					
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING																																																																				
Procure needed infrastructure to retrofit space into a RTCC				Department Rating	1.																																																																			
				CIE Requirement	N																																																																			
				CONTACT: Deputy Chief Eric 4072464030																																																																				
				REMARKS																																																																				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA																																																																				
funding will be going towards new equipment, software and infrastructure to support the additions to the Crime Center. Equipment may include items such as license plate readers, cameras, monitors, hardware and accessories to properly access and operate the new equipment and specific software needed to operate not on the network, such as monitor controls. Additional infrastructure will need to be updated to operate additional items in the Crime Center to include furniture additions to house wiring and hardware.				CITYWIDE																																																																				
				LOCATION																																																																				
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																								
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																															
3001	\$0	\$100,000	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000																																																															
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PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)																																																																			
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**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For Recreation & Culture**

<b>PROJECT NAME</b>	<b>PROJECT</b>	<b>D PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL</b>	<b>CIE</b>
Athletic Field Maintenance	16-FPR-003	2.	591,000	641,000	641,000	641,000	641,000	3,155,000	591,000	0	3,746,000	N
DPAC R&R Contribution	15-PAC-036	3.3	1,791,078	1,844,811	1,900,155	1,957,160	2,015,874	9,509,078	3,427,174	0	12,936,252	N
Dubsdread Clubhouse Improvements	16-DUB-001	3.	72,000	0	150,000	75,000	50,000	347,000	94,000	0	441,000	N
Dubsdread Course/Grounds Mainten	16-DUB-003	2.	68,000	950,000	0	25,000	25,000	1,068,000	478,794	0	1,546,794	N
Dubsdread Equipment	16-DUB-002	3.	85,000	0	100,000	50,000	75,000	310,000	371,000	0	681,000	N
Leu Gardens Restroom Renovations	20-LEU-001	3.2	195,000	0	0	0	0	195,000	0	0	195,000	N
Magic Grill Concept Conversion & Re	16-VEN-001	4.5	0	500,000	0	0	0	500,000	0	0	500,000	N
Parks and Playground Renovation Pr	10-731-019	2.2	1,175,000	1,240,000	1,380,000	1,200,000	1,400,000	6,395,000	1,220,000	0	7,615,000	Y
Recreation Facility Renovations and	04-731-001	1.1	1,690,000	390,000	390,000	390,000	390,000	3,250,000	240,000	0	3,490,000	N
Recreation Pools & Courts	16-FPR-006	2.	440,000	290,000	290,000	290,000	290,000	1,600,000	240,000	0	1,840,000	N
Signature Park Improvements	19-PKS-002	2.	0	800,000	500,000	7,500,000	7,600,000	16,400,000	300	0	16,400,300	Y
Terrace Level Quad C Buildout in Am	14-VEN-002	4.4	0	1,000,000	0	0	0	1,000,000	0	0	1,000,000	N
Tree Removal and Pruning at Leu Ga	14-LEU-001	1.3	0	0	0	0	0	0	0	150,000	150,000	N
<b>TOTAL</b>			\$6,107,078	\$7,655,811	\$5,351,155	12,128,160	\$12,486,874	\$43,729,078	\$6,662,268	\$150,000	\$50,541,346	

TYPE OF SERVICE:	Recreation & Culture	PROJECT NUMBER:	PROJECT NAME:	FINANCIAL PROJECT #	PAGE
DEPARTMENT:	FAMILIES, PARKS, RECREATION	16-FPR-003	Athletic Field Maintenance	REC0006_P	0
DIVISION:	RECREATION	PRIORITY:	Repair / Replacement		

**PROBLEM IDENTIFICATION OR NEED:**  
 On-going renovation and improvement to the City's athletic fields as well as preventative maintenance. Plans include:  
 -(19/20) Emery Hamilton Sports Complex, (25.5 Acres at 790 Fairvilla Rd) all four multipurpose fields, including irrigation, and provide shade structures  
 -(20/21) Southport Community Park and Fields - all six fields resoded, two fields resoded at Airport Lakes plus fencing of one field at Airport Lakes  
 -(21/22) Eagles Nest Park renovated including Cricket field, both baseball resoded, all four Blue Jacket resoded  
 -(22/23) Resod all eight fields at Trotters Park  
 -(23/24) Resod all five fields at Lake Fairview, add lights at Festival Park volleyball lights Resod Smith softball field

**PROJECT RANKING**  
 Department Rating 2.  
 CIE Requirement

CONTACT: Rodney Williams 4072464309

**REMARKS**  
 Added \$261,000 for FY18/19 for the one time equipment purchases for the 8 new Lake Nona Ballfields.  
 3 Trucks (\$25,000 ea.)  
 2 Painters (\$8,000 ea.)  
 2 Workman Carts (\$35,000 ea.)  
 2 Trailers (\$30,000 ea.)  
 2 Sand Pros (\$20,000 ea.)

**RECOMMENDED SOLUTION (PROJECT DESCRIPTION):**

Continue an on-going renovation and improvement program for athletic fields. This will include repairing fences, resolving drainage issues, apply herbicide treatments, repair and replace goal mouths and replace clay and sand each year.

**SERVICE AREA**

CITYWIDE

**LOCATION**

**PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR**

FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$591,000	\$641,000	\$641,000	\$641,000	\$641,000	\$3,155,000	\$0	\$591,000	\$3,746,000
<b>ALL</b>	\$591,000	\$641,000	\$641,000	\$641,000	\$641,000	\$3,155,000	\$0	\$591,000	\$3,746,000




**PROJECT COST BY PHASE**

**IMPACT ON OPERATING COST (+/-)**

Project Phasing	Estimated Time	Estimated Cost	Salaries, Wages, Benefits
Description	From To		
Renovations on fields, bathrooms, shade structures, maintenance equipment, lighting, and sport courts	10/1/2019 9/30/2020	\$591,000	Operating Costs
Resod Lake Fairview and Smith Softball fields and add lights to Festival Park	10/1/2023 9/30/2024	\$641,000	Other Capital Costs
Resod fields at Trotter's Park	10/1/2022 9/30/2023	\$641,000	Total Annual Operating Costs:
Renovate Eagle's Nest Park and resod cricket and baseball fields	10/1/2021 9/30/2022	\$641,000	

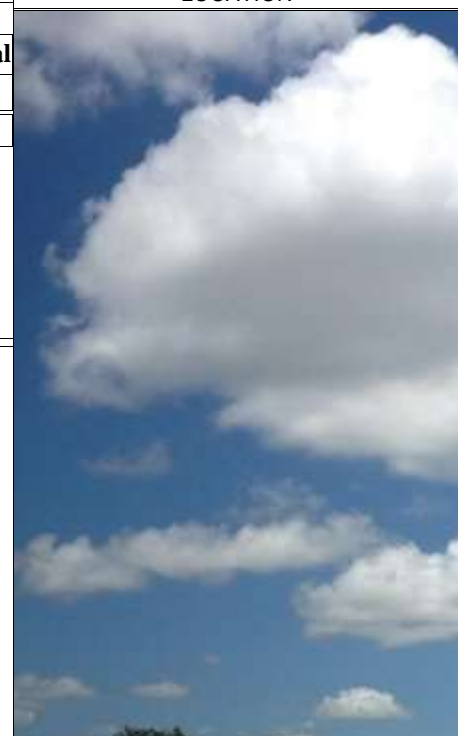
TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		15-PAC-036 DPAC R&R Contribution		PAC0036_P		0			
DIVISION: CITYWIDE		PRIORITY: Repair / Replacement		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 3. 3					
<p>The City invested considerable resources into the creation of a state-of-art performing arts center. In order to maintain this community resource the funding partners realized that there would be on-going funding to keep the facility in excellent condition. In short, an annual source is needed to pay for repairs and renovations to the facility.</p>				CIE Requirement N					
				CONTACT: Brian Battles 4072463469					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
<p>The Dr. Phillips Performing Arts Center (DPAC) repair and replacement contribution for DPAC fiscal year ending 06/30/20 (FY19-20). This contribution was approved as part of the original Interlocal Agreement approved by City Council on 07/23/07 and was contingent on building occupancy timeframes being met. The City's contract requires deposit of the full amount of \$1.5M annually (adjusted annually by 3%) to a trustee on the first day of DPAC's fiscal year, July 1.</p>				SERVICE AREA					
				DOWNTOWN					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$1,791,078	\$1,844,811	\$1,900,155	\$1,957,160	\$2,015,874	\$9,509,078	\$0	\$3,427,174	\$12,936,252
<b>ALL</b>	\$1,791,078	\$1,844,811	\$1,900,155	\$1,957,160	\$2,015,874	\$9,509,078	\$0	\$3,427,174	\$12,936,252
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		16-DUB-001 Dubsdread Clubhouse Improvements		DUB0004_P		0			
DIVISION: CHIEF FINANCIAL OFFICER		PRIORITY: Repair / Replacement		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 3.					
There are several areas of the Clubhouse and surrounding areas that need improvements. Clubhouse improvements plans should be viewed in tandem with Course/Grounds Maintenance (16-DUB-003, DUB0002_P) and Dubsdread Equipment (16-DUB-0002, DUB003_P).				CIE Requirement N					
In FY2019/20, in a continuing effort of energy efficiency upgrades to save energy and tax payer dollars, we intend to retrofit Dubsdread Golf Course with new LED lighting replacements. These replacements could save up to 30% of total annual energy consumption when combined with advanced controls monitoring. Adding this to the energy efficiency efforts will help the City reduce total electricity consumption and increase our annual energy savings.				CONTACT: Rodney Reifsnider 4075065948					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
FY2019/20 - Energy efficiency upgrades. Estimate Breakdown: Pro-shop \$35,375; Bathrooms \$4,000; Maintenance Building \$20,187; Contingency (5%) \$3,057; Facilities Markup (15%) \$9,381; Total Cost: \$72,000				SERVICE AREA  COLLEGE PARK  LOCATION					
FY2021/22 - Carpet and fixtures in Pro-Shop are approximately 13 years old and in need of replacement; Current wash areas for maintenance does not meet environmental standards; Safety concerns such as corroding metal handrails and broken curbs creating trip hazards are in need of replacement; Renovation of bathrooms and locker rooms; In Pro Shop, replace interior and exterior carpet. Replace counter and update food and beverage point-of-sale fixtures. Cost: \$150,000									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
0016	\$72,000	\$0	\$150,000	\$75,000	\$50,000	\$347,000	\$0	\$94,000	\$441,000
<b>ALL</b>	<b>\$72,000</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$75,000</b>	<b>\$50,000</b>	<b>\$347,000</b>	<b>\$0</b>	<b>\$94,000</b>	<b>\$441,000</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From	To						
									




TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		16-DUB-003 Dubsdread Course/Grounds Maintenance		DUB0002_P		0			
DIVISION: CHIEF FINANCIAL OFFICER		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: On-going maintenance for golf course and surrounding grounds areas. Plans for course maintenance should be viewed in tandem with Clubhouse Improvements (16-DUB-001, DUB0004_P) and Dubsdread Equipment (16-DUB-0003_P).				Department Rating 2.					
				CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Rodney Reifsnider 4075065948					
FY2019/20 - Cart Path Repair, Fix Tee Box Doming, and retaining wall repair on Hole 12 - Cost: \$68,000				REMARKS					
FY2020/21 - Driving Range Phase 1: Re-grass greens, replace top layer sod and fortify rough and fringe around green. Cost: \$200,000. Golf course resurfacing. Cost: \$750,000				Billy Casper Golf has floated the idea of renovating the driving range in three (3) phases including; laying new grass in hitting area, moving ball retriever/ washer from club house to the range itself, and adding seating and other improvements.					
FY2021/22 - Driving Range Phase 2: Maintenance yard improvements and tree work. Cost: \$200,000				SERVICE AREA					
FY2022/23 - Driving Range Phase 3: Replace netting at back of range near marsh. Cost: \$200,000				COLLEGE PARK					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
0016	\$68,000	\$950,000	\$0	\$25,000	\$25,000	\$1,068,000	\$0	\$478,794	\$1,546,794
<b>ALL</b>	\$68,000	\$950,000	\$0	\$25,000	\$25,000	\$1,068,000	\$0	\$478,794	\$1,546,794
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		16-DUB-002 Dubsdread Equipment		DUB0003_P		0			
DIVISION: CHIEF FINANCIAL OFFICER		PRIORITY: Repair / Replacement		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 3.					
Equipment is becoming old and meeting its useful life expectancy. Planned equipment replacement should be viewed in tandem with Clubhouse Improvements (16-DUB-001, DUB0004_P) and Course / Grounds Maintenance plans (16-DUB-0003, DUB0002_P).				CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Rodney Reifsnider 4075065948					
Purchase and replace out dated equipment.				REMARKS					
FY2019/20 - Miscellaneous equipment purchases. Cost: \$85,000				SERVICE AREA					
FY2022/23 - Spin Grinder, Heavy Duty Vehicle, Vertidrain Aerifier, Greens Aerifier, Top dresser. Cost: \$150,000				COLLEGE PARK					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
0016	\$85,000	\$0	\$100,000	\$50,000	\$75,000	\$310,000	\$0	\$371,000	\$681,000
<b>ALL</b>	\$85,000	\$0	\$100,000	\$50,000	\$75,000	\$310,000	\$0	\$371,000	\$681,000
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From	To						



TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0																																												
DEPARTMENT: ORLANDO VENUES DEPARTMENT		20-LEU-001 Leu Gardens Restroom Renovations																																															
DIVISION: H P LEU GARDENS		PRIORITY: Repair / Replacement																																															
PROBLEM IDENTIFICATION OR NEED: The welcome center at Leu Gardens is the primary entrance for guest entering the garden or attending a function within the building. Since the building was opened in 1995 a total of over 3.2 million people have walked through the doors. The restrooms needs to be updated with new privacy panels, tile, sinks, toilets and fixtures.				PROJECT RANKING Department Rating 3. 2 CIE Requirement N																																													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Update the restroom facilities.				CONTACT: Robert Bowden 4072462625																																													
				REMARKS																																													
				SERVICE AREA Leu Gardens																																													
				LOCATION																																													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																	
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																								
3001	\$195,000	\$0	\$0	\$0	\$0	\$195,000	\$0	\$0	\$195,000																																								
<b>ALL</b>	\$195,000	\$0	\$0	\$0	\$0	\$195,000	\$0	\$0	\$195,000																																								
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TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0					
DEPARTMENT: ORLANDO VENUES DEPARTMENT		16-VEN-001 Magic Grill Concept Conversion & Renovation								
DIVISION: ORLANDO VENUES		PRIORITY: Future Need/Planned Expansion								
PROBLEM IDENTIFICATION OR NEED: The Magic Grill at the Amway Center requires a concept change in order to maintain the quality and customer attraction of a restaurant at a first class sports and entertainment facility.				PROJECT RANKING Department Rating 4.5 CIE Requirement N						
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Invest \$500,000 to revitalize and renovate the Magic Grill into a new updated concept restaurant that continues to offer Legendary service while updating the menu, décor and atmosphere of the location. The long-term goal of any such investment is to increase revenues over time compared to current offerings, as it is expected that many similar restaurants will be opened nearby with the continued investment in the downtown area.				CONTACT: Charles Leone 4074407060 REMARKS The estimate of \$500K is a placeholder based off of past negotiations and proposals from contract discussions with proposed tenants/operators of the space. The design, concept and scope of the project is contingent upon negotiations with prospective tenants/brands.						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				SERVICE AREA Amway Center						
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>	<b>LOCATION</b> 
3001	\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000	
<b>ALL</b>	\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000	
<b>PROJECT COST BY PHASE</b>						<b>IMPACT ON OPERATING COST (+/-)</b>				
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income				
Description		From	To							

TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																																																																			
DEPARTMENT: FAMILIES, PARKS, RECREATION		10-731-019 Parks and Playground Renovation Project		PKS0009_P		0																																																																																			
DIVISION: PARKS		PRIORITY: Repair / Replacement		PROJECT RANKING																																																																																					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 2																																																																																					
On-going renovation and improvements for two to three playgrounds per year. Parks and playgrounds will be determined by the Parks Division as priorities are determined annually. Even with excellent routine maintenance, periodic major repairs and renovations are required to assure the safe use and sustainability of the City's parks and playgrounds. Park amenities such as playground equipment and surfacing, furnishings, sidewalks, outdoor fitness equipment, parking areas, signs and landscape have a limited useful life due to new codes and standards, availability of replacement parts, age, and normal deterioration that may be accelerated by intensity of use. Examples of this need are playground and fitness equipment that can no longer be repaired; parking lots worn to the base with pot holes and illegible parking lines; and park signs that are faded and difficult to read.				CIE Requirement Y																																																																																					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: John Perrone 4072462287																																																																																					
Continue an ongoing renovation and improvement program for two to three playgrounds per year. These renovations and improvements will meet all ADA and CPSC (Consumer Products Safety Commission) Public Safety Guidelines. Parks and playgrounds to be determined by the Parks Division as priorities are determined annually. Continuation of this program results in playgrounds being renovated ever 18-20 years which is slightly longer than the expected life of some playgrounds and below some of those that don't experience as much use.				REMARKS																																																																																					
				SERVICE AREA																																																																																					
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PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																																									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																																																
3001	\$1,175,000	\$1,240,000	\$1,380,000	\$1,200,000	\$1,400,000	\$6,395,000	\$0	\$1,220,000	\$7,615,000																																																																																
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PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)																																																																																				
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TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: FAMILIES, PARKS, RECREATION		04-731-001 Recreation Facility Renovations and Maintenance		REC0005_P		0			
DIVISION: RECREATION		PRIORITY: Repair / Replacement		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 1. 1					
Aging buildings and facilities require continual review and update to ensure the safety of our staff and residents, as well as ensuring the ability for facilities to be used by residents as needed. Planned major renovations include: A complete renovation of Beardall center from the front door to the back door which include historical costs of building.				CIE Requirement					
Beardall (19/20) Callahan (20/21) L Claudia Allen (21/22) Wadeview (22/23) Dr James R Smith (23/24)				CONTACT: Anthony Williams 4072464293					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
Continue an on-going renovation and improvement program for recreation centers. Each year Recreation Management will prioritized the needs of the division to ensure budget adherence.				Moving the original project of Recreation Center Vans into this. Replace approx 1-2 vans per center depending on need. (1) 12 person van costs \$32,950 Requested \$100,000/ yr					
FY19/20 to include \$250,000 for professional services to determine costs of renovating all of Receptions community centers over an estimated ten year period. \$1,000,000 for a complete renovation of Beardall to include historical costs of renovations to the building.				Smith, Northwest, Hankins (18/19) Dover shores, Engelwood and Rock Lake (19/20) College Park, Rosemont and Citrus Square (20/21) DTRC Jackson and Hwy Lane (21/22)					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$1,690,000	\$390,000	\$390,000	\$390,000	\$390,000	\$3,250,000	\$0	\$240,000	\$3,490,000
<b>ALL</b>	\$1,690,000	\$390,000	\$390,000	\$390,000	\$390,000	\$3,250,000	\$0	\$240,000	\$3,490,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To			Salaries, Wages, Benefits			
Major renovations at James R Smith Center		10/1/2023	9/30/2024	\$290,000		Operating Costs			
Major renovations at Wadeview Neighborhood Center		10/1/2022	9/30/2023	\$290,000		Other Capital Costs			
Major renovations at L Claudia Allen Senior Center		10/1/2021	9/30/2022	\$290,000		Total Annual Operating Costs:			
Renovations and Replacements at Callahan Center		10/1/2020	9/30/2021	\$290,000					
Professional Services for Renovations		10/1/2019	9/30/2020	\$440,000					





TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: FAMILIES, PARKS, RECREATION		16-FPR-006 Recreation Pools & Courts		REC0007_P		0			
DIVISION: RECREATION		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2.					
High utilization of our Specialty Athletics requires a commitment to ongoing repairs, replacements and renovations. -Planned renovations include: -(19/20) Complete renovation of 5 pool bathrooms that are in deplorable conditions. Bathrooms have never been renovated since the pool's inception \$200,000 is additional from previous years as normal preventative maintenance and repairs will still have to be continued.  -(20/21) renovation of bathhouse/locker and office room at Hankins Park Pool -(21/22) renovation of bathhouse/locker room at John Long Pool -(21/22) complete resurfacing of the Skate Park -(22/23)renovation of bathhouse/locker and office room at Dover Shores Pool <del>-(23/24)renovation of bathhouse/locker room at Jackson Pool</del>				CIE Requirement					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Tyrone Walker 4072464298					
On-going maintenance of Aquatic facilities including replacing filters and micro processors, resurfacing pool decks, replacing pool blankets and pool heaters. This project will also support repairs at the Orlando Skate Park and the Orlando Tennis Center.				REMARKS					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$440,000	\$290,000	\$290,000	\$290,000	\$290,000	\$1,600,000	\$0	\$240,000	\$1,840,000
<b>ALL</b>	<b>\$440,000</b>	<b>\$290,000</b>	<b>\$290,000</b>	<b>\$290,000</b>	<b>\$290,000</b>	<b>\$1,600,000</b>	<b>\$0</b>	<b>\$240,000</b>	<b>\$1,840,000</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:			
Description		From To							
Renovation of bath/locker rooms at Jackson Pool		10/1/2023 9/30/2024		\$290,000					
Renovation of bath/locker rooms at Dover Shores		10/1/2022 9/30/2023		\$290,000					
Resurface Skate Park		10/1/2021 9/30/2022		\$290,000					
Renovations of locker rooms and office at Hankins Park Pool		10/1/2020 9/30/2021		\$290,000					
Renovation of pool bathrooms		10/1/2019 9/30/2020		\$440,000					



TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: FAMILIES, PARKS, RECREATION		19-PKS-002 Signature Park Improvements		PKS0007_P		0			
DIVISION: PARKS		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2.					
Lake Eola Swan Boat Dock has experienced a huge increase in visitors, prompting a need for larger dock area. The numbers of visitors and the diversity of their abilities is not always met due to the narrow ramps and tight spaces on the dock. Point of sale is currently a cart that is in need of safe and secure mounting. FY18/19 started with the purchase of four new Swan Boats and in FY19/20 looking to complete the Swan Boat dock renovation \$100,000				CIE Requirement					
Lake Eola seawall Repairs \$100,000				CONTACT: John Perrone 4072463856					
Bill Frederick Park				REMARKS					
Complete restroom renovations and pavilions \$250,000				The west side of Lake Eola Park including the Washington Street Plaza will be receiving improvements via funding from DDB as a result of Project DTO. Those improvements will include; a Large Gateway Feature, utility distribution improvements, Pedestrian access changes, Streetscape improvements and landscape features. Ancillary funding will be needed for transition areas that will need sidewalk and irrigation transition work.					
Improve RV Camp area to include road, RV pads, ADA walks and signs \$150,000				SERVICE AREA					
Camp/Park store and ice machine \$100,000				CITYWIDE					
Other Park Projects				LOCATION					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
Lake Eola Swan Boat Dock has experienced a huge increase in visitors, prompting a need for larger dock area. The numbers of visitors and the diversity of their abilities is not always met due to the narrow ramps and tight spaces on the dock. Point of sale is currently a cart that is in need of safe and secure mounting. FY18/19 started with the purchase of four new Swan Boats and in FY19/20 looking to complete the Swan Boat dock renovation \$100,000									
Lake Eola seawall Repairs \$100,000									
The swan boats are a popular attraction in Orlando and its important we have the ability to provide service to as many of our citizens and tourist as possible.									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$800,000	\$500,000	\$7,500,000	\$7,600,000	\$16,400,000	\$0	\$300	\$16,400,300
ALL	\$0	\$800,000	\$500,000	\$7,500,000	\$7,600,000	\$16,400,000	\$0	\$300	\$16,400,300
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:			
Description		From To							
Bill Frederick Park RV Camp renovations		10/1/2023 9/30/2024		\$850,000					
Lake Eola Master Plan Construction		10/1/2022 9/30/2023		\$7,600,000					
Lake Eola Master Plan Construction		10/1/2021 9/30/2022		\$7,500,000					
Lake Eola and Bill Frederick Park renovations		10/1/2020 9/30/2021		\$500,000					
Lake Eola and Bill Frederick Park renovations		10/1/2019 9/30/2020		\$800,000					





TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: ORLANDO VENUES DEPARTMENT		14-VEN-002 Terrace Level Quad C Buildout in Amway Center							
DIVISION: ORLANDO VENUES		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED: The terrace level Quad C Build Out would finish out a vacant space in the Amway Ctr and make it useable space to generate revenue. Pending concept design we believe the space would be used for additional food and beverage restaurant space or as a premium area to increase food and beverage revenue with the Amway Center. The unused space would be better served as a revenue generating space and would offer patrons different options to eat and drink.				PROJECT RANKING Department Rating 4. 4 CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Complete the space and make it useable real estate within the Amway Center. The estimate of \$1M is a placeholder based off of past negotiations and proposals from contract discussions with proposed tenants/operators of the space. The design and concept and scope of the project is contingent upon negotiations with prospective tenants/brands.				CONTACT: Charles Leone 4074407060					
				REMARKS					
				SERVICE AREA Amway Center					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
<b>ALL</b>	\$0	\$1,000,000	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: ORLANDO VENUES DEPARTMENT		14-LEU-001 Tree Removal and Pruning at Leu Gardens							
DIVISION: H P LEU GARDENS		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED: Several dead or aged trees need to be removed or pruned for safety concerns throughout the gardens.				PROJECT RANKING Department Rating 1. 3 CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Tree Removal and Pruning is required to maintain the appearance of the gardens.				CONTACT: Robert Bowden 4072462625					
				REMARKS					
				SERVICE AREA Leu Gardens					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000
<b>ALL</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					





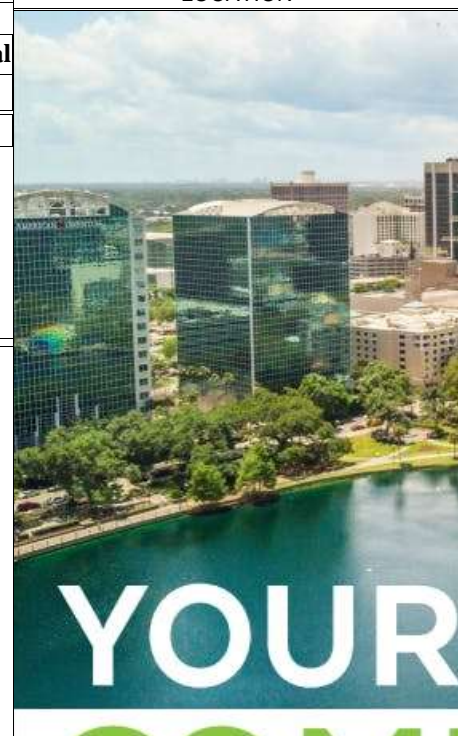
**SOLID WASTE**


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**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For Solid Waste**

<b>PROJECT NAME</b>	<b>PROJECT</b>	<b>D PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL</b>	<b>CIE</b>
CBD Waste & Recycling Center	18-SWM-001	1.	400,000	200,000	0	0	0	600,000	0	0	600,000	N
Commercial Collection Vehicles	83-365-003	4.2	0	770,000	770,000	383,000	383,000	2,306,000	2,612,538	0	4,918,538	Y
Residential/Recycling Collection Vehi	90-366-004	4.1	0	707,000	707,000	352,000	380,000	2,146,000	788,000	0	2,934,000	Y
Solid Waste Consolidate Facilities C	19-SWM-005	1.	4,000,000	0	0	0	0	4,000,000	0	0	4,000,000	N
<b>TOTAL</b>			\$4,400,000	\$1,677,000	\$1,477,000	\$735,000	\$763,000	\$9,052,000	\$3,400,538	\$0	\$12,452,538	

TYPE OF SERVICE: Solid Waste		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		18-SWM-001 CBD Waste & Recycling Center		SWM0004_P		0			
DIVISION: SOLID WASTE MANAGEMENT		PRIORITY: Critical Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 1.					
The Court Street compactor that services over 100 downtown businesses is in critical need of expansion to also provide recycling options to the customers. Current facility requires additional construction to provide recycling services to comply with Chapter 28 amendments recently enacted. Project is to increase service capacity and upgrade the enclosure for the Court Street compactor location. It is required to meet future requirements by the State of Florida and City for mandated recycling legislative rules. Design will be done to closely match the Historic Courthouse Design situated in close proximity. No associated cost will be incurred until completion.				CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Charles Wade 4072463693					
A new compactor enclosure will be designed and constructed to house two compactors, one for MSW and one for recycling services. The new design will provide increased capacity in accordance to City Ordinances pertaining to MSW enclosures.				REMARKS					
				Design of enclosure will be in conjunction with Orange County to match the current motif of the adjoining Orange County History Center.					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4150	\$400,000	\$200,000	\$0	\$0	\$0	\$600,000	\$0	\$0	\$600,000
<b>ALL</b>	\$400,000	\$200,000	\$0	\$0	\$0	\$600,000	\$0	\$0	\$600,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits		\$0			
				Operating Costs					
				Other Capital Costs		\$0			
				Total Annual Operating Costs:					
				SOURCE:		Service Charges			
				Total Annual Income		\$162,192			



TYPE OF SERVICE: Solid Waste		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		83-365-003 Commercial Collection Vehicles								
DIVISION: SOLID WASTE MANAGEMENT		PRIORITY: Future Need/Planned Expansion								
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING						
Additional solid waste collection and disposal capacity will be required to serve the anticipated annexations and development of vacant land through the year 2024. Commercial recycling was made mandatory by recent changes enacted by Council to Chapter 28.				Department Rating		4. 2				
				CIE Requirement		Y				
				CONTACT: Charlie Wade		4072463693				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS						
Two compaction Front Load vehicles will have to be purchased prior to the year 2019 to serve the annexation and development areas. This solution will meet the solid waste collection needs of the community and commercial growth. One special purpose underground collection vehicle will be purchase to service special events and specialized containers both above and below ground. One collection vehicle for exclusive collection of food waste will be purchased prior to 2023. Vehicles will be speced to meet the Green Initiatives of the City and be powed by Compressed Natural Gas (CNG).				Operating costs include tipping fees for 1800 tons MSW @\$33.60 per ton and O&M of \$150,149.00 per year.						
				SERVICE AREA						
				CITYWIDE						
				LOCATION						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR										
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total	
4150	\$0	\$770,000	\$770,000	\$383,000	\$383,000	\$2,306,000	\$0	\$2,612,538	\$4,918,538	
<b>ALL</b>	\$0	\$770,000	\$770,000	\$383,000	\$383,000	\$2,306,000	\$0	\$2,612,538	\$4,918,538	
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost						
Description		From	To							
						Salaries, Wages, Benefits		\$159,846		
						Operating Costs		\$375,000		
						Other Capital Costs		\$0		
						Total Annual Operating Costs:		\$534,846		
						SOURCE:		Service Charges		
						Total Annual Income		\$1,175,000		



TYPE OF SERVICE: Solid Waste		PROJECT NUMBER: 90-366-004		PROJECT NAME: Residential/Recycling Collection Vehicles		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		90-366-004		Residential/Recycling Collection Vehicles					
DIVISION: SOLID WASTE MANAGEMENT		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:									
Additional solid waste collection and disposal capacity will be required to serve the anticipated annexations and development of vacant land through the year 2024. Capacity requirements dictate 6 additional trucks prior to 2024 to comply with Chapter 28.						PROJECT RANKING			
						Department Rating		4. 1	
						CIE Requirement		Y	
						CONTACT: Charlie Wade		4072463693	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
Six residential compaction collection vehicles are recommended to meet the anticipated annexations and growth of single cart recycling and MSW collection through the year 2024. This solution will meet the solid waste collection needs of the community. The three automated collection vehicles and two rear loading collection vehicles will have to be purchased with the "later" funding, prior to the year 2024, to serve the anticipated annexations and development. Vehicles will be speced to meet the Green Initiatives of the City and be equipped with CNG Powered Engines.						REMARKS			
						Tipping fees for 2,020 tons of MSW @\$33.60 per ton and \$165,440 for O&M costs included in operating costs. These vehicles will service the Single Cart Recycling Program, Back Alley and Automated Garbage Collection.			
SERVICE AREA									
CITYWIDE									
LOCATION									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4150	\$0	\$707,000	\$707,000	\$352,000	\$380,000	\$2,146,000	\$0	\$788,000	\$2,934,000
<b>ALL</b>	\$0	\$707,000	\$707,000	\$352,000	\$380,000	\$2,146,000	\$0	\$788,000	\$2,934,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$60,061	
						Operating Costs		\$330,880	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$390,941	
						SOURCE:		Service Charges	
						Total Annual Income		\$395,520	





TYPE OF SERVICE: Solid Waste		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0																																																										
DEPARTMENT: PUBLIC WORKS DEPARTMENT		19-SWM-005 Solid Waste Consolidate Facilities Construction																																																													
DIVISION: SOLID WASTE MANAGEMENT		PRIORITY: Critical Deficiency																																																													
PROBLEM IDENTIFICATION OR NEED: The SWMD has been co-located with Fleet/Facilities since its inception with anchillary sites within a one block radius for storage. Urban planning is not conducive with our operations and the Division is in need of a new location more suitable for the type of business/service to accommodate all our needs on one site.				PROJECT RANKING Department Rating 1. CIE Requirement N																																																											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Purchase and develop a site zoned industrial that can house all aspects of the Solid Waste Management Division operations. Provide ample parking area for employees on site, box/container repairs and storage, CNG fueling, administration office, truck wash facility and small CNG compliant service bay(s) from retained earnings.				CONTACT: CHARLES WADE 4072463693																																																											
				REMARKS																																																											
				SERVICE AREA																																																											
				CITYWIDE																																																											
				LOCATION																																																											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																															
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																						
4150	\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000	\$0	\$0	\$4,000,000																																																						
<b>ALL</b>	\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000	\$0	\$0	\$4,000,000																																																						
<table border="1"> <thead> <tr> <th colspan="4">PROJECT COST BY PHASE</th> <th colspan="2">IMPACT ON OPERATING COST (+-)</th> </tr> <tr> <th colspan="2">Project Phasing</th> <th colspan="2">Estimated Time</th> <th colspan="2">Estimated Cost</th> </tr> <tr> <th colspan="2">Description</th> <th>From</th> <th>To</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>Salaries, Wages, Benefits</td> <td>\$0</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>Operating Costs</td> <td>\$150,000</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>Other Capital Costs</td> <td>\$4,000,000</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>Total Annual Operating Costs:</td> <td>\$4,150,000</td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>SOURCE:</td> <td></td> </tr> <tr> <td colspan="2"></td> <td colspan="2"></td> <td>Total Annual Income</td> <td></td> </tr> </tbody> </table>										PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)		Project Phasing		Estimated Time		Estimated Cost		Description		From	To							Salaries, Wages, Benefits	\$0					Operating Costs	\$150,000					Other Capital Costs	\$4,000,000					Total Annual Operating Costs:	\$4,150,000					SOURCE:						Total Annual Income	
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)																																																											
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**STORMWATER**

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**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For Stormwater**

<b>PROJECT NAME</b>	<b>PROJECT ID</b>	<b>PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL</b>	<b>CIE</b>
Ardley Baffle Boxes	20-STW-002	4.	0	0	1,000,000	0	0	1,000,000	0	0	1,000,000	N
Bridge Maintenance and Repair	20-STW-001	1.	250,000	250,000	250,000	250,000	250,000	1,250,000	0	0	1,250,000	N
CT Phase 4 - Shine (Marks to Coloni	20-STW-021	2.	0	0	0	180,000	2,300,000	2,480,000	0	0	2,480,000	N
East Lake Arnold	18-STW-009	2.	0	694,026	0	0	0	694,026	0	0	694,026	Y
Fern Creek Acquisition/Erosion Contr	10-721-004	2.26	0	0	100,000	100,000	100,000	300,000	0	0	300,000	N
Flood Plain Remediation Projects	20-STW-003	2.	0	500,000	500,000	500,000	500,000	2,000,000	0	0	2,000,000	N
Jefferson Drainage Improvements	20-STW-004	2.	0	833,694	0	0	0	833,694	0	0	833,694	N
Lake Adair TMDL	20-STW-005	4.	0	0	0	1,500,000	0	1,500,000	0	0	1,500,000	N
Lake Beauty to Lake Lurna Drainage	18-STW-002	2.	0	0	180,000	0	0	180,000	0	0	180,000	Y
Lake Hourglass to Lake Lancaster Dr	18-STW-004	2.	0	140,000	1,200,000	0	0	1,340,000	0	0	1,340,000	Y
Lake Ivanhoe Blvd Drainage Improve	20-STW-006	2.	0	0	0	0	180,000	180,000	0	0	180,000	N
Lake Ivanhoe Blvd Drainage Improve	20-STW-007	2.	0	625,000	0	0	0	625,000	0	0	625,000	N
Lake Lancaster to Davis Interconnect	20-STW-016	2.	0	214,389	0	0	0	214,389	0	0	214,389	N
Lake Lawne Property Acquisition & T	20-STW-008	2.	180,000	0	1,500,000	0	0	1,680,000	0	0	1,680,000	N
Lake Lurna Baffle Box.CDS/etc	20-STW-009	1.	0	300,000	0	0	0	300,000	0	0	300,000	N
Lake Notasulga/Haralson Estates	10-705-004	2.38	0	0	0	0	0	0	2,164,859	0	2,164,859	N
Lake of the Woods STW Diversion R	20-STW-017	2.	0	100,000	0	0	0	100,000	0	0	100,000	N
Mills & Jackson at Lake Lawsona Dr	20-STW-010	2.	0	0	500,000	0	0	500,000	0	0	500,000	N
N. Eola Driv -Washington to Robinso	20-STW-011	2.	0	0	0	200,000	0	200,000	0	0	200,000	N
Neighborhood/Annexation STW Proj	20-STW-012	2.	0	500,000	500,000	500,000	500,000	2,000,000	0	0	2,000,000	N
Rapid Response Construction	02-721-003	2.16	500,000	1,000,000	1,000,000	1,000,000	1,000,000	4,500,000	8,790,661	1,250,000	14,540,661	Y
Sandy Lake	20-STW-015	2.	0	0	0	1,000,000	0	1,000,000	0	0	1,000,000	N
Sidewalk Remediation Program	19-STW-01	2.	850,000	0	0	0	0	850,000	850,000	0	1,700,000	N
South Lucerne Circle Baffle Boxes	20-STW-014	2.	0	700,000	0	0	0	700,000	0	0	700,000	N
Stormwater System Construction	04-719-030	3.19	500,000	1,000,000	1,000,000	1,000,000	1,000,000	4,500,000	4,600,000	2,500,000	11,600,000	N
Sump Inlet Location Projects	20-STW-019	2.	0	500,000	500,000	500,000	500,000	2,000,000	0	0	2,000,000	N
System Repair and Rehabilitation	83-722-022	1.21	500,000	1,000,000	1,000,000	1,000,000	10,000,000	13,500,000	15,435,780	2,500,000	31,435,780	Y
Wilshire Bridge Rehabilitation	18-STW-001	1.1	0	500,000	0	0	0	500,000	0	0	500,000	N
WRD/OUC Joint Projects	20-STW-018	2.	0	500,000	500,000	500,000	500,000	2,000,000	0	0	2,000,000	N

**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For Stormwater**

<b>PROJECT NAME</b>	<b>PROJECT D PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL CIE</b>
<b>TOTAL</b>		\$2,780,000	\$9,357,109	\$9,730,000	\$8,230,000	\$16,830,000	\$46,927,109	\$31,841,300	\$6,250,000	\$85,018,409

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE  0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-002 Ardsley Baffle Boxes							
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating      4.					
				CIE Requirement      N					
				CONTACT: Lisa Henry 407-2 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
				SERVICE AREA					
				College Park					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
<b>ALL</b>	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-001 Bridge Maintenance and Repair				0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
Due to the failing bridges throughout Florida, the City wants to be proactive to maintain and repair the bridges within the City limits.				Department Rating 1.					
				CIE Requirement N					
				CONTACT: Lisa Henry 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
The City currently has 27 bridges and are adding more every year. We currently do not have a budget for maintenance and repairs. Bridges are inspected by FDOT every 1 or 2 years (depending on condition). This will allow us to procure a Contractor to perform general maintenance and repairs of bridges as needed.				Citywide					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000	\$0	\$0	\$625,000
1100	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000	\$0	\$0	\$625,000
<b>ALL</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,250,000</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To				Salaries, Wages, Benefits \$0			
						Operating Costs \$0			
						Other Capital Costs \$0			
						Total Annual Operating Costs: \$0			
						SOURCE:			
						Total Annual Income			





TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-021 CT Phase 4 - Shine (Marks to Colonial)							
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED: Flooding in said area.				PROJECT RANKING Department Rating 2. CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): The improvements are focused along Shine Avenue from East Marks Street to East Colonial Drive, connecting with Phase 3A improvements. The project will provide drainage improvements for the 23-acre area. The improvements include the installation of approximately 1,100 feet of 60" RCP pipe along Shine Avenue extending from East Marks Street to East Colonial Drive. The project also includes the relocating an existing drainage well on Shine Avenue just south of Marks Street and installation of a baffle box.  The estimated design cost is about \$190,000, construction cost is \$2M, and CEI services fee is \$300,000.				CONTACT: Lihua Wei - 407-2 4072463897					
				REMARKS					
				SERVICE AREA Colonialtown					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$0	\$180,000	\$2,300,000	\$2,480,000	\$0	\$0	\$2,480,000
<b>ALL</b>	\$0	\$0	\$0	\$180,000	\$2,300,000	\$2,480,000	\$0	\$0	\$2,480,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE: Total Annual Income					

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		18-STW-009 East Lake Arnold		STW0042_P		0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<p>Three existing outfalls within the East Lake Arnold drainage are undersized. There are no adequate pipe connections from the basin areas to those outfalls.</p> <p>East Lake Arnold drainage basin existing outfalls upgrade and construction of pipe connection from the basin areas to those outfalls. The design services authorization (the fee is over \$200,000 threshold) is waiting for the City Council approval on June 5 Council meeting. Esat Lake Arnold existing funding is in CIP0083_P for \$770,224; the total cost will be \$2.5 M.</p>				<p>Department Rating 2.</p> <p>CIE Requirement</p>					
				CONTACT: Lihua Wei 4072463897					
				REMARKS					
				The project involves the improvement to three existing outfalls and provides additional piping to better connect the basin areas to those outfalls. The additional pipes also will provide a more balance distribution of the basin areas to the outfalls.					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
<p>The proposed Eastern Outfall improvements include replacement of an existing segment of 30-inch RCP from Hargill Drive to Lake Arnold with 36-inch RCP, and a new baffle box. The proposed North Outfall improvements include adding pipes in areas not currently being served by a stormwater system. The proposed Western Outfall improvements will mainly consist of upsizing the outfall pipe and providing an upgraded end treatment.</p> <p>Cost: FY17/18 \$2.5M (construction \$2.2M &amp; CEI \$300,000).</p> <p>This project will divert stormwater away from the low areas and reduce the potential for flooding within the East Lake Arnold drainage basin. In addition, the project will also improve the water quality by installing baffle boxes.</p>				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$694,026	\$0	\$0	\$0	\$694,026	\$0	\$0	\$694,026
<b>ALL</b>	\$0	\$694,026	\$0	\$0	\$0	\$694,026	\$0	\$0	\$694,026
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		10-721-004 Fern Creek Acquisition/Erosion Control		STW0050_P		0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 26					
Although Fern Creek is owned and controlled by the City at locations where it traverses Greenwood Urban Wetland, Langford Park and Dickson Azalea Park, there are locations north of Robinson Street and south of Langford Park where the City has no legal right of access to the creek. This is particularly critical as Fern Creek is a designated 100-year floodplain and several hundred acres of residential lands drain to the creek.				CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Lisa Henry 4072463646					
Acquisition of the creek and associated habitat will enable the City to manage this resource in a manner that will reduce the potential for flooding and enhance wetland areas, thereby improving water quality to downstream waters.				REMARKS					
SERVICE AREA				LAWSONA/FERNCREEK					
LOCATION									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000	\$0	\$0	\$300,000
<b>ALL</b>	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000	\$0	\$0	\$300,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE  0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-003 Flood Plain Remediation Projects							
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating            2.					
				CIE Requirement                N					
				CONTACT: Lisa Henry 407-36 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
				Citywide					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$2,000,000	\$0	\$0	\$2,000,000
<b>ALL</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,000,000</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits				\$0	
				Operating Costs				\$0	
				Other Capital Costs				\$0	
				Total Annual Operating Costs:				\$0	
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE:	Stormwater	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	PUBLIC WORKS DEPARTMENT	20-STW-004	Jefferson Drainage Improvements								0
DIVISION:	STREETS & STORMWATER SVCS	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
										PROJECT RANKING	
										Department Rating	2.
										CIE Requirement	N
										CONTACT: Lisa Henry	4072463646
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										REMARKS	
										SERVICE AREA	
										Downtown	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR										LOCATION	
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>		
4161	\$0	\$833,694	\$0	\$0	\$0	\$833,694	\$0	\$0	\$833,694		
<b>ALL</b>	<b>\$0</b>	<b>\$833,694</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$833,694</b>	<b>\$0</b>	<b>\$0</b>	<b>\$833,694</b>		
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
						Salaries, Wages, Benefits		\$0			
						Operating Costs		\$0			
						Other Capital Costs		\$0			
						Total Annual Operating Costs:		\$0			
						SOURCE:					
						Total Annual Income					

TYPE OF SERVICE:	Stormwater	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	PUBLIC WORKS DEPARTMENT	20-STW-005	Lake Adair TMDL								0
DIVISION:	STREETS & STORMWATER SVCS	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:											
										PROJECT RANKING	
										Department Rating	4.
										CIE Requirement	N
										CONTACT: Lisa Henry	4072463646
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										REMARKS	
										SERVICE AREA	
										College Park	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR										LOCATION	
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>		
4161	\$0	\$0	\$0	\$1,500,000	\$0	\$1,500,000	\$0	\$0	\$1,500,000		
<b>ALL</b>	\$0	\$0	\$0	\$1,500,000	\$0	\$1,500,000	\$0	\$0	\$1,500,000		
PROJECT COST BY PHASE										IMPACT ON OPERATING COST (+-)	
Project Phasing			Estimated Time		Estimated Cost						
Description			From	To							
					Salaries, Wages, Benefits					\$0	
					Operating Costs					\$0	
					Other Capital Costs					\$0	
					Total Annual Operating Costs:					\$0	
					SOURCE:						
					Total Annual Income						

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		18-STW-002 Lake Beauty to Lake Lurna Drainage Improvements							
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<p>Lake Beauty currently has a stormwater connection to Lake Lurna, however this connection is bottlenecked with a 24-inch RCP crossing of Orange Avenue. Due to insufficient stormwater drainage, portions of the area are susceptible to flooding following large storm events.</p> <p>This project is a part of the overall Southeast Lakes Improvements project. The project will divert stormwater away from the low areas along Miller Street and Howell Place thus reducing the potential for flooding. In addition, the improvements will also improve distribution of flows between the two lakes and to enhance overall water quality of the lakes.</p>				Department Rating 2. CIE Requirement					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Lihua Wei 4072463897					
<p>The improvements includes modifying the existing stormwater connection by replacing the existing 24- and 36-inch RCP with approximately 720 feet of 48" RCP along Miller Street and Howell Place to Lake Lurna.</p>				REMARKS					
				The project involves the construction of storm sewer from Lake Beauty to Lake Lurna within the right-of-way of East Miller Street and Howell Place.					
				SERVICE AREA					
				LAKE COPELAND					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$180,000	\$0	\$0	\$180,000	\$0	\$0	\$180,000
<b>ALL</b>	\$0	\$0	\$180,000	\$0	\$0	\$180,000	\$0	\$0	\$180,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT	18-STW-004	Lake Hourglass to Lake Lancaster Drainage Improvem							
DIVISION: STREETS & STORMWATER SVCS	PRIORITY: Existing Deficiency								
PROBLEM IDENTIFICATION OR NEED: The Lake Hourglass sub-basin has no surface water outfall other than a 12" drainage well. Due to insufficient stormwater drainage, portions of the area are susceptible to flooding following large storm events. This project is a part of the overall Southeast Lakes Improvements project. The project will divert stormwater away from the low areas within the Lake Hourglass sub-basin thus reducing the potential for flooding. In addition, the improvements will also improve distribution of flows between the two lakes and to help enhance overall water quality of the lakes.				PROJECT RANKING Department Rating 2. CIE Requirement					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): The improvements include the installation of approximately 1,080 feet of 30" RCP along East Kaley Street, connecting to an existing inlet and pipe at East Kaley Street west of South Fern Creek Avenue. From this point, an existing pipe connects the inlet to Lake Lancaster. The project also includes an adjustable weir control structure along the pipe run.				CONTACT: Lihua Wei 4072463897 REMARKS The project involves the construction of storm sewer from Lake Hourglass to Lake Lancaster within the right-of-way of East Kaley Street to the intersection with Ferncreek Avenue, where to connect to an existing storm sewer system to Lake Lancaster.					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				SERVICE AREA LANCASTER PARK LOCATION					
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$140,000	\$1,200,000	\$0	\$0	\$1,340,000	\$0	\$0	\$1,340,000
<b>ALL</b>	\$0	\$140,000	\$1,200,000	\$0	\$0	\$1,340,000	\$0	\$0	\$1,340,000
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income					



TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE  0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT	20-STW-006	Lake Ivanhoe Blvd Drainage Improvements-Area 3							
DIVISION: STREETS & STORMWATER SVCS	PRIORITY: Existing Deficiency								
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Lihua Wei 4072463897					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
				College Park					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$0	\$0	\$180,000	\$180,000	\$0	\$0	\$180,000
<b>ALL</b>	\$0	\$0	\$0	\$0	\$180,000	\$180,000	\$0	\$0	\$180,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE  0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-007 Lake Ivanhoe Blvd Drainage Improvements-Area 6							
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Lihua Wei 4072463897					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
				College Park					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$625,000	\$0	\$0	\$0	\$625,000	\$0	\$0	\$625,000
<b>ALL</b>	\$0	\$625,000	\$0	\$0	\$0	\$625,000	\$0	\$0	\$625,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-016 Lake Lancaster to Davis Interconnect							
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Lisa Henry 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
				Southeast Lakes					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$214,389	\$0	\$0	\$0	\$214,389	\$0	\$0	\$214,389
<b>ALL</b>	\$0	\$214,389	\$0	\$0	\$0	\$214,389	\$0	\$0	\$214,389
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-008 Lake Lawne Property Acquisition & Treatment							
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED: Design a project to improve the water quality of Lake Lawne to meet the City's MS4 NPDES TMDL requirements.				PROJECT RANKING Department Rating 2. CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Design a project to improve the water quality of Lake Lawne to meet the City's MS4 NPDES TMDL requirements.				CONTACT: Lisa Henry 4072463646					
				REMARKS					
				SERVICE AREA Mercy Drive					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$180,000	\$0	\$1,500,000	\$0	\$0	\$1,680,000	\$0	\$0	\$1,680,000
<b>ALL</b>	\$180,000	\$0	\$1,500,000	\$0	\$0	\$1,680,000	\$0	\$0	\$1,680,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE: Total Annual Income					



TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE  0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT	20-STW-009	Lake Lurna Baffle Box.CDS/etc							
DIVISION: STREETS & STORMWATER SVCS	PRIORITY: Critical Deficiency								
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating 1.					
				CIE Requirement N					
				CONTACT: Lisa Henry 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
				Delaney Park					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$300,000	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000
<b>ALL</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$300,000</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		10-705-004 Lake Notasulga/Haralson Estates		STW0065_P		0				
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency		PROJECT RANKING						
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 38						
Lake Notasulga is a landlocked lake which lies near the western city limits in the Shingle Creek basin. In cooperation with Orange County, a project has been proposed to make water quality improvements to the lake. Once the necessary property has been secured, those improvements will be undertaken. The neighborhood to the south of the lake, Haralson Estates, is characterized by open drainage conveyances. Not only are the soil conditions and water table not conducive to stormwater management using swales, but residents have taken it upon themselves to extend driveway culverts without regard to proper sizing of these culverts.				CIE Requirement N						
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Lisa Henry 4072463646						
In conjunction with the lake water quality improvements, the conveyance systems will be converted to curb drainage or a swale/closed conveyance system that can properly function given the conditions in the neighborhood.				REMARKS						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				SERVICE AREA						
				WEST COLONIAL						
				LOCATION						
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>	
4161	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,164,859	\$2,164,859	
<b>ALL</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,164,859	\$2,164,859	
<b>PROJECT COST BY PHASE</b>				<b>IMPACT ON OPERATING COST (+/-)</b>						
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income				
Description		From To								


TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-017 Lake of the Woods STW Diversion Retrofit		STW0053_P		0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Lisa Henry 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
				Southeast Lakes					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$100,000	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000
<b>ALL</b>	\$0	\$100,000	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-010 Mills & Jackson at Lake Lawsona Drainage Imp				0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Lisa Henry 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
				SERVICE AREA					
				Thornton Park					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$500,000	\$0	\$0	\$500,000	\$0	\$0	\$500,000
<b>ALL</b>	\$0	\$0	\$500,000	\$0	\$0	\$500,000	\$0	\$0	\$500,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			



TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-011 N. Eola Driv -Washington to Robinson Drainage Imp				0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Lisa Henry 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
				SERVICE AREA					
				Downtown					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$0	\$200,000	\$0	\$200,000	\$0	\$0	\$200,000
<b>ALL</b>	\$0	\$0	\$0	\$200,000	\$0	\$200,000	\$0	\$0	\$200,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To			Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-012 Neighborhood/Annexation STW Projects				0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Lisa Henry 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
				Citywide					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$2,000,000	\$0	\$0	\$2,000,000
<b>ALL</b>	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$2,000,000	\$0	\$0	\$2,000,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		02-721-003 Rapid Response Construction		STW0044_P		0				
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency		PROJECT RANKING						
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 16						
Although it is possible through analysis to predict those stormwater systems that require replacement, such systems are usually identified by residents or motorists who have had first-hand experience of the problem through property damage or mere inconvenience.				CIE Requirement Y						
				CONTACT: Lisa Henry		4072463646				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS						
This project will enable City staff to assign such problems to one of several rapid response contractors, accelerating the pace at which new systems are constructed or problems remediated.				SERVICE AREA						
				CITYWIDE						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION						
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total	
4161	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,500,000	\$1,250,000	\$8,790,661	\$14,540,661	
<b>ALL</b>	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,500,000	\$1,250,000	\$8,790,661	\$14,540,661	
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost						
Description		From To		Salaries, Wages, Benefits						
				Operating Costs						
				Other Capital Costs						
				Total Annual Operating Costs:						
				SOURCE:						
				Total Annual Income						

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-015 Sandy Lake				0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Lisa Henry 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
				SERVICE AREA					
				International Drive					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000	\$0	\$0	\$1,000,000
<b>ALL</b>	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000	\$0	\$0	\$1,000,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																																									
DEPARTMENT: PUBLIC WORKS DEPARTMENT		19-STW-01 Sidewalk Remediation Program		STW0023_P		0																																																									
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency		PROJECT RANKING																																																											
PROBLEM IDENTIFICATION OR NEED: Sidewalks become damaged, uneven, or cracked over time. Weather conditions, moisture, tree roots, and everyday use contribute to the deterioration of sidewalks citywide.				Department Rating		2.																																																									
				CIE Requirement		N																																																									
				CONTACT: Lisa Henry		4072463646																																																									
				REMARKS																																																											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Remediation program to provide for repairs of sidewalk issues to be funded via 5015_F Risk Management Fund.				SERVICE AREA																																																											
				CITYWIDE																																																											
				LOCATION																																																											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																															
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																						
3001	\$850,000	\$0	\$0	\$0	\$0	\$850,000	\$0	\$850,000	\$1,700,000																																																						
<b>ALL</b>	\$850,000	\$0	\$0	\$0	\$0	\$850,000	\$0	\$850,000	\$1,700,000																																																						
<table border="1"> <thead> <tr> <th colspan="4">PROJECT COST BY PHASE</th> <th colspan="2">IMPACT ON OPERATING COST (+-)</th> </tr> <tr> <th>Project Phasing</th> <th colspan="2">Estimated Time</th> <th>Estimated Cost</th> <th colspan="2"></th> </tr> <tr> <th>Description</th> <th>From</th> <th>To</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td>Salaries, Wages, Benefits</td> <td>\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Operating Costs</td> <td>\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Other Capital Costs</td> <td>\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Total Annual Operating Costs:</td> <td>\$0</td> </tr> <tr> <td colspan="4"></td> <td>SOURCE:</td> <td></td> </tr> <tr> <td colspan="4"></td> <td>Total Annual Income</td> <td></td> </tr> </tbody> </table>										PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)		Project Phasing	Estimated Time		Estimated Cost			Description	From	To								Salaries, Wages, Benefits	\$0					Operating Costs	\$0					Other Capital Costs	\$0					Total Annual Operating Costs:	\$0					SOURCE:						Total Annual Income	
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)																																																											
Project Phasing	Estimated Time		Estimated Cost																																																												
Description	From	To																																																													
				Salaries, Wages, Benefits	\$0																																																										
				Operating Costs	\$0																																																										
				Other Capital Costs	\$0																																																										
				Total Annual Operating Costs:	\$0																																																										
				SOURCE:																																																											
				Total Annual Income																																																											



TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-014 South Lucerne Circle Baffle Boxes							
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Lisa Henry 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
				Downtown					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$700,000	\$0	\$0	\$0	\$700,000	\$0	\$0	\$700,000
<b>ALL</b>	\$0	\$700,000	\$0	\$0	\$0	\$700,000	\$0	\$0	\$700,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		04-719-030 Stormwater System Construction		STW0057_P		0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Repair / Replacement		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 3. 19					
In house construction to replace aging or inadequate storm sewers has been funded through system repair and rehabilitation project #4271. More funds are needed to address storm sewer lining projects, leaving funds for more traditional repair projects in project #4271.				CIE Requirement N					
				CONTACT: Lisa Henry 4072463646					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
A separate project will help distinguish relining projects from more traditional repairs and ensure funds are available to procure supplies, materials and equipment for this in-house construction activity.				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,500,000	\$2,500,000	\$4,600,000	\$11,600,000
<b>ALL</b>	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,500,000	\$2,500,000	\$4,600,000	\$11,600,000
PROJECT COST BY PHASE									
IMPACT ON OPERATING COST (+-)									
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE  0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-019 Sump Inlet Location Projects							
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating      2.					
				CIE Requirement         N					
				CONTACT: Lisa Henry      4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
				SERVICE AREA					
				Citywide					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$2,000,000	\$0	\$0	\$2,000,000
<b>ALL</b>	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$2,000,000	\$0	\$0	\$2,000,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																																									
DEPARTMENT: PUBLIC WORKS DEPARTMENT		83-722-022 System Repair and Rehabilitation		STW0056_P																																																											
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Repair / Replacement																																																													
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING																																																											
<p>The funds earmarked for system repairs &amp; rehabilitation are being used increasingly to rehabilitate or reline storm sewers. Although relining is extremely cost-effective and allows City staff to correct problems that would otherwise be impossible to repair, it is an expensive procedure. Relining projects are taking an increasing share of the funds that have been used in the past for more traditional repairs involving excavation and complete pipe replacement.</p>				Department Rating		1. 21																																																									
				CIE Requirement		Y																																																									
				CONTACT: Lisa Henry		4072463646																																																									
				REMARKS																																																											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA																																																											
<p>Creation of a separate and distinct project will enable City staff to better track and fund the work of storm sewer repairs vs. storm sewer rehabilitation.</p>				CITYWIDE																																																											
				LOCATION																																																											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																															
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																						
4161	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$10,000,000	\$13,500,000	\$2,500,000	\$15,435,780	\$31,435,780																																																						
<b>ALL</b>	\$500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$10,000,000	\$13,500,000	\$2,500,000	\$15,435,780	\$31,435,780																																																						
<table border="1"> <thead> <tr> <th colspan="4">PROJECT COST BY PHASE</th> <th colspan="2">IMPACT ON OPERATING COST (+-)</th> </tr> <tr> <th>Project Phasing</th> <th colspan="2">Estimated Time</th> <th>Estimated Cost</th> <th colspan="2"></th> </tr> <tr> <th>Description</th> <th>From</th> <th>To</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td>Salaries, Wages, Benefits</td> <td>\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Operating Costs</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Other Capital Costs</td> <td>\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Total Annual Operating Costs:</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>SOURCE:</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Total Annual Income</td> <td>\$0</td> </tr> </tbody> </table>										PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)		Project Phasing	Estimated Time		Estimated Cost			Description	From	To								Salaries, Wages, Benefits	\$0					Operating Costs						Other Capital Costs	\$0					Total Annual Operating Costs:						SOURCE:						Total Annual Income	\$0
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)																																																											
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TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		18-STW-001 Wilshire Bridge Rehabilitation				0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<p>The bridge deck is failing due to issue from the initial construction. The deck and sidewalk have severe cracks and delamination. Due to this the FDOT has listed this bridge as "Structurally Deficient". The bridge is inspected and evaluated yearly by the FDOT. In 2013 the load rating was reduced and posted at the following: Single Unit Truck 15 Tons, Combination Truck 21 Tons, Truck and Trailer 24 Tons. Wilshire Rd. between Metro West Blvd. and Arnold Palmer Drive</p>				Department Rating 1. 1					
				CIE Requirement N					
				CONTACT: Howard Elkin 4072462289					
				REMARKS					
				This bridge is in a heavily traveled residential and commercial area. Even though the bridge is posted per FDOT, enforcement to adhere to the posted weight limits would be very difficult.					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
<p>Incorporate a prefabricated culvert under the bridge and grout the annular space between the existing bridge deck and the installed culvert to successfully convert the structure from "bridge" status to "culvert" status. Headwalls with appropriate architectural finish is proposed as well to provide a structure consistent with the surrounding improvements. This design was chosen to limit the time needed for road closures and minimized disruption to the surrounding community.</p>				METROWEST					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
<b>ALL</b>	\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: Stormwater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-018 WRD/OUC Joint Projects				0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Lisa Henry 4072463646					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
				SERVICE AREA					
				Citywide					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$2,000,000	\$0	\$0	\$2,000,000
<b>ALL</b>	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$2,000,000	\$0	\$0	\$2,000,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

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**TRANSPORTATION**

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**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For Transportation**

<b>PROJECT NAME</b>	<b>PROJECT ID</b>	<b>PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL</b>	<b>CIE</b>
55 West Maintenance and Repairs	15-PKG-001	2.9	100,000	0	0	200,000	0	300,000	0	0	300,000	N
ADA Transition Plan	16-STW-001	2.	300,000	300,000	300,000	300,000	300,000	1,500,000	750,000	0	2,250,000	Y
Administration Center Garage Repair	15-PKG-003	3.9	200,000	150,000	200,000	150,000	0	700,000	425,000	0	1,125,000	N
Alden/Lake Highland Realignment	20-TSP-001	2.	500,000	0	0	0	0	500,000	0	0	500,000	N
Augusta National/Commander Drive	07-812-001	4.11	0	0	0	0	1,000,000	1,000,000	0	0	1,000,000	Y
Bicycle Plan Implementation	94-812-008	2.18	150,000	200,000	200,000	200,000	200,000	950,000	1,725,565	744,895	3,420,460	N
Boggy Creek - Tavistock (Narcoossee)	20-TSP-006	4.	0	0	0	1,000,000	4,200,000	5,200,000	0	0	5,200,000	N
Boone Avenue – South Extension	13-734-002	4.	0	3,050,000	0	0	0	3,050,000	0	0	3,050,000	Y
Brick Street Restoration	95-721-008	3.5	100,000	100,000	100,000	100,000	100,000	500,000	1,438,137	0	1,938,137	N
Central Blvd Garage Repair and Main	15-PKG-002	1.9	150,000	200,000	0	0	180,000	530,000	620,000	0	1,150,000	N
Centroplex I Garage Repair and Main	15-PKG-004	7.9	0	160,000	100,000	100,000	0	360,000	300,000	0	660,000	N
Centroplex II Garage Capital Repair	19-PKG-001	8.9	0	160,000	100,000	100,000	0	360,000	0	0	360,000	N
Church Street SunRail Platform	20-TSP-009	4.	0	0	500,000	600,000	0	1,100,000	0	0	1,100,000	N
Corrine Drive/Virginia Drive	20-TSP-002	4.	0	0	0	5,000,000	5,000,000	10,000,000	0	0	10,000,000	N
Courthouse Garage Repair and Main	15-PKG-006	4.9	120,000	100,000	250,000	250,000	0	720,000	450,000	0	1,170,000	N
Curb Ramp Construction and Curb R	83-722-023	1.3	0	150,000	0	150,000	0	300,000	3,517,677	1,550,000	5,367,677	N
Division Avenue Complete Streets	20-TSP-003	2.	0	0	500,000	750,000	1,300,000	2,550,000	0	0	2,550,000	N
GEICO Garage Repairs and Mainten	17-PKG-001	9.9	0	250,000	200,000	0	0	450,000	274,000	0	724,000	N
Grand National Dr.: Oakridge Rd. to	07-812-009	2.17	3,000,000	5,000,000	4,000,000	0	0	12,000,000	2,700,000	10,000,000	24,700,000	Y
Heintzelman Blvd	20-TSP-004	4.	0	0	0	2,000,000	2,000,000	4,000,000	0	0	4,000,000	N
Innovation Way South	20-TSP-008	4.	0	1,100,000	0	0	0	1,100,000	0	0	1,100,000	N
Intersection Safety Improvements	79-757-001	1.5	400,000	400,000	400,000	400,000	400,000	2,000,000	5,075,686	800,000	7,875,686	N
Jefferson Garage Capital Repairs	15-PKG-008	6.9	150,000	200,000	0	0	100,000	450,000	495,000	0	945,000	N
Library Garage Repair and Maintena	15-PKG-007	5.9	373,000	175,000	120,000	150,000	0	818,000	435,000	0	1,253,000	N
Lincoln SunRail Station Funding Agr	18-TSP-004	4.	500,000	0	0	0	0	500,000	650,000	0	1,150,000	Y
Low or No Emission Vehicle Program	19-TSP-003	2.	0	850,000	0	0	0	850,000	0	0	850,000	Y
LYNX Annual Contribution	91-812-001	2.1	4,029,469	4,110,059	4,192,260	4,276,105	0	16,607,893	98,154,216	0	114,762,109	Y
Millenia & Oak Ridge Dual Left SB	16-TRE-003	2.	300,000	0	0	0	0	300,000	310,000	0	610,000	Y
Miscellaneous Sidewalk Repair	77-722-004	1.2	500,000	500,000	500,000	500,000	500,000	2,500,000	13,818,113	1,100,000	17,418,113	N
Narcoossee Widening: SR 528 - SR	16-TRE-001	1.	2,800,000	0	0	0	0	2,800,000	10,000,000	0	12,800,000	Y

**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For Transportation**

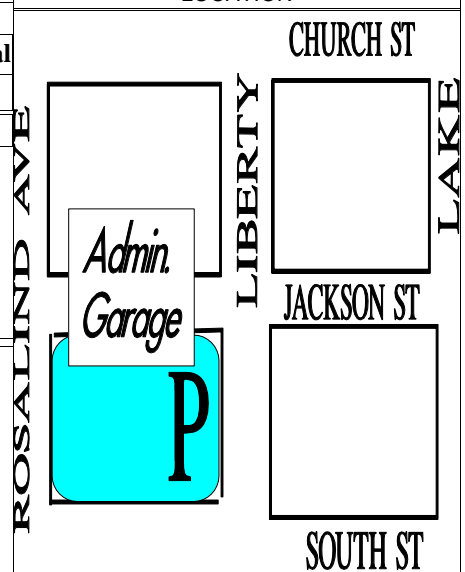
<b>PROJECT NAME</b>	<b>PROJECT ID</b>	<b>PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL CIE</b>	
New Traffic Signal Locations	08-660-001	1.9	400,000	350,000	250,000	250,000	250,000	1,500,000	3,290,000	2,000,000	6,790,000	N
Pavement Marking Maintenance	90-756-002	3.17	450,000	450,000	450,000	450,000	450,000	2,250,000	3,795,382	1,000,000	7,045,382	N
Pavement Rehabilitation	79-722-001	3.1	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	25,000,000	47,041,053	8,000,000	80,041,053	N
Pres. Barack Obama Parkway Phase	20-TSP-007	4.	0	0	0	0	5,000,000	5,000,000	0	0	5,000,000	N
Railroad Crossing Maintenance	86-725-002	3.4	120,000	0	120,000	0	120,000	360,000	2,474,886	1,100,000	3,934,886	N
Raleigh Street Improvements	20-TSP-005	1.	500,000	250,000	0	0	0	750,000	0	0	750,000	N
Regional Computerized Signal Syste	81-755-004	1.7	100,000	100,000	100,000	100,000	100,000	500,000	3,400,140	800,000	4,700,140	Y
Robinson Street "Complete Streets"	19-TSP-002	4.	300,000	1,000,000	6,481,000	0	0	7,781,000	0	0	7,781,000	Y
School Safety Sidewalk Program	84-722-039	1.1	700,000	700,000	700,000	700,000	700,000	3,500,000	14,520,965	400,000	18,420,965	Y
South Magnolia Avenue Access	15-TSP-005	2.26	0	0	0	500,000	0	500,000	0	0	500,000	Y
SunRail Corridor Quiet Zone	15-TSP-007	2.32	400,000	400,000	400,000	400,000	400,000	2,000,000	1,200,000	0	3,200,000	N
Terry Avenue Extension	13-734-001	1.	332,000	1,713,000	0	0	0	2,045,000	984,000	0	3,029,000	Y
Traffic Counts and Travel Time Studi	05-734-026	1.8	350,000	200,000	350,000	200,000	350,000	1,450,000	1,394,000	0	2,844,000	N
Traffic Signal Refurbishing Program	87-757-005	3.16	200,000	200,000	200,000	200,000	200,000	1,000,000	5,775,832	2,000,000	8,775,832	N
Transportation Studies/Professional	09-815-004	4.8	150,000	0	150,000	0	150,000	450,000	450,000	0	900,000	N
Transportation System Equipment an	20-TRE-001	1.	300,000	300,000	300,000	300,000	300,000	1,500,000	0	0	1,500,000	N
Virginia Drive Improvements	19-TSP-001	2.	0	500,000	500,000	1,000,000	0	2,000,000	250,000	0	2,250,000	Y
<b>TOTAL</b>			\$22,974,469	\$28,318,059	\$26,663,260	25,326,105	\$28,300,000	\$131,581,893	\$225,714,652	\$29,494,895	\$386,791,440	




TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE							
DEPARTMENT: TRANSPORTATION DEPT.		15-PKG-001 55 West Maintenance and Repairs		PKG0022_P		0							
DIVISION: PARKING		PRIORITY: Repair / Replacement		PROJECT RANKING									
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 9									
<p>The interior of the two (2) traction elevator cabs and associated hardware are in poor condition. They will not continue to meet the demands that are placed upon them with the level of current activity. This is a high use garage that supports both the Church Street District and the Amway Center events. Waterproof deck coating needs to be re-applied to levels five (5) through ten (10). Failure to renew the seal coating will result in water penetration through the slab causing structural corrosion.</p>				CIE Requirement N									
				CONTACT: Pamela Corbin 4072463766									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS									
<p>Modernize the elevator cabs and controls in accordance with State of Florida Elevator Codes. Pressure wash the fifth to tenth level interior floors in compliance with local ordinances and regulations. Sika Ferrogard 903 Corrosion Inhibiting Sealer will be used to seal coat the floors.</p>				Funded through 55 West R&R Fund									
				SERVICE AREA									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				DOWNTOWN									
LOCATION													
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>					<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>
4133	\$100,000	\$0	\$0					\$200,000	\$0	\$300,000	\$0	\$0	\$300,000
<b>ALL</b>	\$100,000	\$0	\$0					\$200,000	\$0	\$300,000	\$0	\$0	\$300,000
<b>PROJECT COST BY PHASE</b>				<b>IMPACT ON OPERATING COST (+-)</b>									
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income							
Description		From To											
Elevator Cab Refurbishment		10/1/2019 9/30/2020		\$100,000									
Pressure Wash and Seal Interior Floors		10/1/2022 9/30/2023		\$200,000									

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		16-STW-001 ADA Transition Plan		STW0022_P		0			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2.					
<p>The City's ADA Transition Plan needs to be updated and kept up to date on an annual basis. Code of Federal Regulations requires that local governments identify barriers in programs and activities that prevents persons with disabilities from access. The ADA Transition Plan needs to identify barriers in the public rights-of-way such as curbs, sidewalks, pedestrian crossings, pedestrian signals, shared use trails, parking, and bus stops.</p>				CIE Requirement					
				CONTACT: Lisa Henry		4072463646		REMARKS	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
<p>Develop an ADA Transition Plan that sets forth steps necessary to complete modifications identified through a self-evaluation (those areas not covered in the previous developed plan) and provides a schedule for completing modifications. It is important to note that the ADA Transition Plan is a living document which will be evolving and needs to be used as a monitoring tool. As the City's boundaries grow, so does the need to incorporate acquired facilities into the Self-Evaluation/Transition process.</p>				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1100	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	\$0	\$750,000	\$2,250,000
<b>ALL</b>	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	\$0	\$750,000	\$2,250,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		15-PKG-003 Administration Center Garage Repair/Maintenance		PKG0020_P		0			
DIVISION: PARKING		PRIORITY: Repair / Replacement		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 3. 9					
Expansion joints on roof level, ramps and vertical exterior walls are deteriorating and loosing adhesion causing leaks and corrosion of the steel and delamination of concrete between levels. The elevator interiors are deteriorated by their high usage and cause an unattractive image of City property. They will be 24 years old in FY20. The expansion joints on the roof level, ramps and vertical exterior walls are deteriorating and loosing adhesion resulting in leaks and corrosion of the steel and delaminating of concrete between the levels. The exterior building generator will be 26 years old, extended past the normal life cycle. The generator has been weathered resulting in extensive corrosion. It may not be reliable during emergency situations.				CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Pamela Corbin 4072463766					
On ramp areas and floor joints, remove all pre-formed or liquid sealant material in expansion joints, control joints, vertical joints and floor slabs. Replace with applicable pre-formed or recommended silicone building sealant and caulk all areas throughout garage. Elevator cabs are to be modernized by installing new control panel, stainless steel vandal resistant interior surfaces, new lighting, hands free telephone communication, car position indicators, new vandal resistant call buttons and infrared door protection detectors. New up to date control panels, lighting and vandal proof interiors are necessary to meet future parking demands for the City, County, and FPCO. Remove all pre-formed or liquid sealant material in expansion joints, control joints, vertical joints and floor slabs. Replace with applicable pre-formed or recommended silicone building sealant and caulk all areas throughout the garage. Replace the generator and electrical components with fully integrated efficient 150 KW diesel powered unit.				REMARKS Parking R&R Fund and from O&M Partners.					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>
4133	\$200,000	\$150,000	\$200,000	\$150,000	\$0	\$700,000	\$0	\$425,000	\$1,125,000
<b>ALL</b>	<b>\$200,000</b>	<b>\$150,000</b>	<b>\$200,000</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$700,000</b>	<b>\$0</b>	<b>\$425,000</b>	<b>\$1,125,000</b>
<b>PROJECT COST BY PHASE</b>				<b>IMPACT ON OPERATING COST (+-)</b>					
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:			
Description		From To							
Elevator Modernization		10/1/2020 9/30/2021		\$150,000					
Replace Expansion Joints (Floors 2, 3, and 4)		10/1/2021 9/30/2022		\$200,000					
Replace Emergency Generator		10/1/2022 9/30/2023		\$150,000					
Replace Expansion Joints on Walls & Floors		10/1/2019 9/30/2020		\$200,000					



TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE				
DEPARTMENT: TRANSPORTATION DEPT.		20-TSP-001 Alden/Lake Highland Realignment		TSP0064_P		0				
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Existing Deficiency		PROJECT RANKING						
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2.						
The street network between the downtown and northern parts of the City is very limited in capacity. Opportunities to add lanes to existing corridors or to create new corridors is constrained by existing development and topography. Alden Rd is one of the few corridors where additional capacity and connectivity can be feasibly achieved.				CIE Requirement N						
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: John Rhoades 4072462293						
Segments of Alden Rd are being realigned to create a better north/south corridor to increase capacity for north/south multi-modal movements and connectivity. The initial segment was realigned in conjunction with the "Yard" multi-use development currently under construction. Major utility construction projects that will require reconstruction of segments of Lake Highland Bv are expected to commence within the next 18 months. Restoration of the streets impacted during this work present a timely opportunity to initiate the next important segment of the Alden Rd realignment and the relocation of the Alden Rd & Lake Highland Dr intersection as envisioned in the OUC Lake Highland Planned Development (PD) from 2010 and various planning studies that have been conducted over the past 20 years.				REMARKS						
Funding for the design on this work will need to be available beginning in FY20 to meet the schedules for the OUC and City utility projects that are already underway in this area.				SERVICE AREA						
				Ivanhoe Village						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION						
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>	
1070	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000	
<b>ALL</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>	
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost						
Description		From To				Salaries, Wages, Benefits \$0				
						Operating Costs \$0				
						Other Capital Costs \$0				
						Total Annual Operating Costs: \$0				
						SOURCE:				
						Total Annual Income				

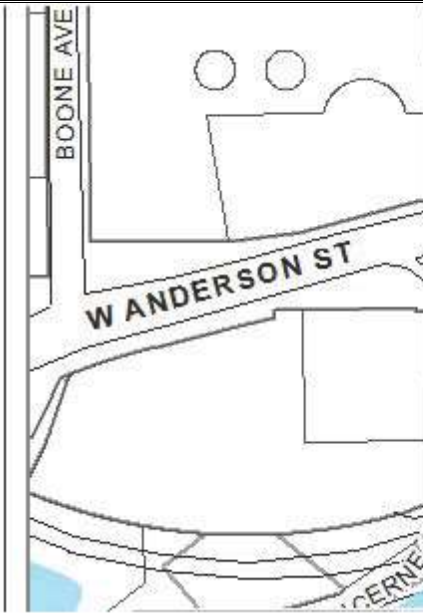
TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		07-812-001 Augusta National/Commander Drive				0			
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
The Lee Vista DRI M & M and the Transportation Planning Division's long range review of the Southeast Sector both indicated a long term critical need to connect Augusta National Drive from its current terminus to Hoffner Avenue. The corridor provides an alternative to Semoran Boulevard. The connection requires significant property acquisition (5838 Hoffner Avenue). Funds are programmed in FY2024 to being acquisition.				Department Rating		4. 11			
				CIE Requirement		Y			
				CONTACT: F.J. Flynn		4072462092			
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
The recommended solution was to construct a minimum two and possibly three lane facility between Hoffner Avenue and the current northern terminus. The improvement should be designed to align with Commander Drive to provide a parallel reliever to Semoran Boulevard.				AIRPORT NORTH					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1071	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000
<b>ALL</b>	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					
									

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		94-812-008 Bicycle Plan Implementation		TSP0013_P					
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 18					
Bicycle signage and facility construction is critical to the implementation of the City's Bicycle Plan, adopted in May of 1994. Establishing a convenient and connected bicycle network supports a critical mode of travel that makes Orlando a more livable community for residents of all ages and mobility levels.				CIE Requirement N					
This project addresses the need to improve safety, design, and accessibility elements of the City's bicycle network, while reducing pollution, creating a healthier citizenry, and supporting a form of transportation that will remain sustainable for years to come.				CONTACT: F. J. Flynn 4072462092					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
Provide annual maintenance and assessment of the City's bicycle inventory to facilitate improvements and make enhancements. For fiscal years 2020-2024, funding will be provided for the following:				Bicycle Plan Implementation TSP0013_P					
- Restriping of bike lanes, sharrows and other bicycle pavement markings				Formally named Miscellaneous Transportation Elements					
- Maintain bicycle rack program				SERVICE AREA					
- Maintain bicycle/pedestrian counter program, including annual software maintenance fees				CITYWIDE					
- Maintain bicycle repair stations on trails				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1100	\$150,000	\$200,000	\$200,000	\$200,000	\$200,000	\$950,000	\$619,895	\$1,650,217	\$3,220,112
3001	\$0	\$0	\$0	\$0	\$0	\$0	\$125,000	\$72,487	\$197,487
1070	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,861	\$2,861
<b>ALL</b>	\$150,000	\$200,000	\$200,000	\$200,000	\$200,000	\$950,000	\$744,895	\$1,725,565	\$3,420,460
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income		\$0	



TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	20-TSP-006	Boggy Creek - Tavistock (Narcoossee/Osceola Co)								0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:											
Widen Boggy Creek Rd from 2 lanes to 4 lanes starting at Narcoossee (Orange County) heading west on Boggy Creek Rd (Osceola County) within Tavistock development. Tavistock's development is within City limits, however the only access point for neighborhood is from Boggy Creek in Osceola County. Tavistock doesn't want to build an east/west connector from Narcoossee for the development. Osceola County doesn't want to widen Boggy Creek. Currently there is a transportation network study in the area to determine what kind of access is required for the development.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Widen Boggy Creek Road from two-lanes to four-lanes in Osceola County as a requirement of Tavistock. This would be the City's tie into Osceola County's portion of the Lake Nona development. The collaboration among Orlando, Tavistock and Osceola County is still in flux and will be re-evaluated in upcoming fiscal years.											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total		
1071	\$0	\$0	\$0	\$1,000,000	\$4,200,000	\$5,200,000	\$0	\$0	\$5,200,000		
<b>ALL</b>	\$0	\$0	\$0	\$1,000,000	\$4,200,000	\$5,200,000	\$0	\$0	\$5,200,000		
PROJECT COST BY PHASE											
IMPACT ON OPERATING COST (+/-)											
Project Phasing			Estimated Time		Estimated Cost						
Description			From	To							
					Salaries, Wages, Benefits		\$0				
					Operating Costs		\$0				
					Other Capital Costs		\$0				
					Total Annual Operating Costs:		\$0				
					SOURCE:						
					Total Annual Income						



TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																									
DEPARTMENT: TRANSPORTATION DEPT.		13-734-002 Boone Avenue – South Extension		TSP0004_P		0																																									
DIVISION: TRANS. ENGINEERING		PRIORITY: Future Need/Planned Expansion		PROJECT RANKING																																											
PROBLEM IDENTIFICATION OR NEED:				Department Rating 4.																																											
There are no direct connections between the roadway network around the City Commons campus and the South Orange neighborhood, which includes Orlando Health and other medical service providers.				CIE Requirement Y																																											
70% - IFT North 30% - IFT SW				CONTACT: Chris Cairns 4072462703																																											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS																																											
Transportation Engineering will partner with The Florida Department of Transportation (FDOT) to build Phase 1 of the Boone Ave. South Extension from Anderson St. to Sylvia Lane, which will open access to Gore St. via America St., and S. Hughey Ave. The work will be part of the I-4 Ultimate Improvements, which FDOT plans to begin in Calendar Year 2014 and finish by 2021. The improvements will include widening Anderson Street between the westbound I-4 off ramp and Boone Avenue and installing a right turn lane onto southbound Boone Ave. The FDOT and the Central Florida Expressway Authority (CFX) are contemplating agreements for easements and air-rights to allow the City to extend Boone Avenue through FDOT rights of way, and under the SR408 bridges. The Boone Ave. Extension is intended to provide a local network connection that will mimic the Garland Avenue connection, which existed prior to the Interim I-4 Improvements.				SERVICE AREA																																											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				DOWNTOWN																																											
<table border="1"> <thead> <tr> <th>FUND</th> <th>2019/20</th> <th>2020/21</th> <th>2021/22</th> <th>2022/23</th> <th>2023/24</th> <th>FIVE YR</th> <th>LATER</th> <th>PRIOR</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>1070</td> <td>\$0</td> <td>\$1,850,000</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$1,850,000</td> <td>\$0</td> <td>\$0</td> <td>\$1,850,000</td> </tr> <tr> <td>1072</td> <td>\$0</td> <td>\$1,200,000</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$1,200,000</td> <td>\$0</td> <td>\$0</td> <td>\$1,200,000</td> </tr> <tr> <td>ALL</td> <td>\$0</td> <td>\$3,050,000</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$3,050,000</td> <td>\$0</td> <td>\$0</td> <td>\$3,050,000</td> </tr> </tbody> </table>				FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total	1070	\$0	\$1,850,000	\$0	\$0	\$0	\$1,850,000	\$0	\$0	\$1,850,000	1072	\$0	\$1,200,000	\$0	\$0	\$0	\$1,200,000	\$0	\$0	\$1,200,000	ALL	\$0	\$3,050,000	\$0	\$0	\$0	\$3,050,000	\$0	\$0	\$3,050,000	LOCATION			
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																						
1070	\$0	\$1,850,000	\$0	\$0	\$0	\$1,850,000	\$0	\$0	\$1,850,000																																						
1072	\$0	\$1,200,000	\$0	\$0	\$0	\$1,200,000	\$0	\$0	\$1,200,000																																						
ALL	\$0	\$3,050,000	\$0	\$0	\$0	\$3,050,000	\$0	\$0	\$3,050,000																																						
PROJECT COST BY PHASE																																															
IMPACT ON OPERATING COST (+-)																																															
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits																																									
Description		From To				Operating Costs																																									
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						SOURCE:																																									
						Total Annual Income																																									



TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																																									
DEPARTMENT: PUBLIC WORKS DEPARTMENT		95-721-008 Brick Street Restoration		STW0015_P																																																											
DIVISION: ENGINEERING SERVICES		PRIORITY: Repair / Replacement																																																													
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING																																																											
<p>City policy dictates that before any known asphalt-covered brick street is resurfaced, the residents adjacent to the street are afforded the opportunity to reclaim the brick surface. The residents express their wishes through an official ballot process and if the ballot indicates a majority are in favor of reclaiming the brick street surface, this funding source is used to accomplish the project.</p>				Department Rating		3. 5																																																									
				CIE Requirement		N																																																									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Jim Hunt 4072463623																																																											
				REMARKS																																																											
<p>Remove asphalt from previously existing brick pavement surfaces and reconstruct the brick pavement. Streets are ranked on a first come-first served basis. Additional funds are used to perform maintenance on brick streets by City crews and by the contractor.</p>				FY 2012/13 funding moved to next year.																																																											
				FY 2013/14 funding moved to next year. RMCox																																																											
				SERVICE AREA																																																											
				CITYWIDE																																																											
				LOCATION																																																											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																															
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																						
1100	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$0	\$1,438,137	\$1,938,137																																																						
<b>ALL</b>	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$0	\$1,438,137	\$1,938,137																																																						
<table border="1"> <thead> <tr> <th colspan="4">PROJECT COST BY PHASE</th> <th colspan="2">IMPACT ON OPERATING COST (+-)</th> </tr> <tr> <th>Project Phasing</th> <th colspan="2">Estimated Time</th> <th>Estimated Cost</th> <th colspan="2"></th> </tr> <tr> <th>Description</th> <th>From</th> <th>To</th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td>Salaries, Wages, Benefits</td> <td>\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Operating Costs</td> <td>\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Other Capital Costs</td> <td>\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Total Annual Operating Costs:</td> <td>\$0</td> </tr> <tr> <td colspan="6">SOURCE:</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Total Annual Income</td> <td>\$0</td> </tr> </tbody> </table>										PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)		Project Phasing	Estimated Time		Estimated Cost			Description	From	To								Salaries, Wages, Benefits	\$0					Operating Costs	\$0					Other Capital Costs	\$0					Total Annual Operating Costs:	\$0	SOURCE:										Total Annual Income	\$0
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)																																																											
Project Phasing	Estimated Time		Estimated Cost																																																												
Description	From	To																																																													
				Salaries, Wages, Benefits	\$0																																																										
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				Total Annual Operating Costs:	\$0																																																										
SOURCE:																																																															
				Total Annual Income	\$0																																																										



TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:	FINANCIAL PROJECT #	PAGE		
DEPARTMENT:	TRANSPORTATION DEPT.	15-PKG-002	Central Blvd Garage Repair and Maintenance			PKG0004_P	0
DIVISION:	PARKING	PRIORITY: Repair / Replacement					

**PROBLEM IDENTIFICATION OR NEED:**  
 The steel fire doors with hardware on various levels need replacement due to vandalism and internal corrosion. The fire pump and system piping are 38 years old, and barely meet capacity flow requirements as per code. Various sections of piping are corroded and leaking at different times causing flow alarms and dispatching OFD fire units. The interior building emergency generator will be 38 years old and have exceeded its life cycle and would not be reliable during emergency situations.

**PROJECT RANKING**  
 Department Rating 1. 9  
 CIE Requirement N  
 CONTACT: Pamela Corbin 4072463766  
**REMARKS**  
 Parking R&R Fund and from O&M Partners.

**RECOMMENDED SOLUTION (PROJECT DESCRIPTION):**  
 Replace steel fire doors with new approved UL fire doors rated at two (2) hours with related door checks and panic bars. Replace the fire pump/engine unit including new control board. Replace various sections of galvanized steel standpipe and sprinkler distribution horizontal piping and risers with new. Replace generator and electrical components with fully integrated efficient 250 KW diesel powered unit including transfer switch.

**SERVICE AREA**  
 DOWNTOWN  
**LOCATION**

PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4133	\$150,000	\$200,000	\$0	\$0	\$180,000	\$530,000	\$0	\$620,000	\$1,150,000
<b>ALL</b>	\$150,000	\$200,000	\$0	\$0	\$180,000	\$530,000	\$0	\$620,000	\$1,150,000



PROJECT COST BY PHASE			
Project Phasing Description	Estimated Time		Estimated Cost
	From	To	
Fire Door Replacement	10/1/2019	9/30/2020	\$150,000
Replace Interior and Roof Lighting Fixtures			
Fire Pump, Piping & Controls	10/1/2020	9/30/2021	\$200,000
Emergency Generator Replacement & Transfer Switch	10/1/2023	9/30/2024	\$180,000

**IMPACT ON OPERATING COST (+-)**  
 Salaries, Wages, Benefits  
 Operating Costs  
 Other Capital Costs  
 Total Annual Operating Costs:  
 SOURCE: \_\_\_\_\_

Total Annual Income

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																		
DEPARTMENT: TRANSPORTATION DEPT.		15-PKG-004 Centroplex I Garage Repair and Maintenance		PKG0015_P		0																																		
DIVISION: PARKING		PRIORITY: Repair / Replacement		PROJECT RANKING																																				
PROBLEM IDENTIFICATION OR NEED:				Department Rating 7. 9																																				
Centroplex I elevators will be thirty-four (34) years old. The operating panels and controllers are obsolete and the interiors of the cars are deteriorated due to high usage. The majority of the turf, trees, and shrubs around the perimeter of the garage have reached the end of their life expectancy resulting in an unattractive appearance and image of the City and the new Creative Village Complex. The existing Interior lighting fixtures and rooftop pole fixtures are expensive to maintain and use high energy. Replacing the fixtures with LED type fixtures will save 40-50% in energy costs.				CIE Requirement N																																				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Pamela Corbin 4072463766																																				
Elevators cabs are to be modernized by installing new stainless steel vandal resistant interior surfaces, new lighting, hands-free telephone communication, care position indicators, new vandal resistant call buttons and infrared door protection device. Design and implement new landscaping and hard surface areas. Replace current lighting fixtures with newest technology LED fixtures. Lumens output per fixture must exceed IESNA minimum standards for parking garages.				REMARKS																																				
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				SERVICE AREA																																				
DOWNTOWN				LOCATION																																				
<table border="1"> <thead> <tr> <th>FUND</th> <th>2019/20</th> <th>2020/21</th> <th>2021/22</th> <th>2022/23</th> <th>2023/24</th> <th>FIVE YR</th> <th>LATER</th> <th>PRIOR</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>4130</td> <td>\$0</td> <td>\$160,000</td> <td>\$100,000</td> <td>\$100,000</td> <td>\$0</td> <td>\$360,000</td> <td>\$0</td> <td>\$300,000</td> <td>\$660,000</td> </tr> <tr> <td>ALL</td> <td>\$0</td> <td>\$160,000</td> <td>\$100,000</td> <td>\$100,000</td> <td>\$0</td> <td>\$360,000</td> <td>\$0</td> <td>\$300,000</td> <td>\$660,000</td> </tr> </tbody> </table>										FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total	4130	\$0	\$160,000	\$100,000	\$100,000	\$0	\$360,000	\$0	\$300,000	\$660,000	ALL	\$0	\$160,000	\$100,000	\$100,000	\$0	\$360,000	\$0	\$300,000	\$660,000	
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																															
4130	\$0	\$160,000	\$100,000	\$100,000	\$0	\$360,000	\$0	\$300,000	\$660,000																															
ALL	\$0	\$160,000	\$100,000	\$100,000	\$0	\$360,000	\$0	\$300,000	\$660,000																															
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)																																				
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income																																		
Description		From To																																						
Elevator modernization: (2)		10/1/2019 9/30/2020		\$160,000																																				
Landscape Exterior Areas		10/1/2021 9/30/2022		\$100,000																																				
Lighting Modernization		10/1/2022 9/30/2023		\$100,000																																				

TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:	FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	19-PKG-001	Centroplex II Garage Capital Repairs		0
DIVISION:	PARKING	PRIORITY:	Repair / Replacement		

**PROBLEM IDENTIFICATION OR NEED:**  
 CPX II elevators will be (30) years old in FY19, the car operating panels and controllers are obsolete. The interiors of the cars are deteriorated by their high usage. The existing interior garage lighting fixtures and rooftop pole fixtures are costly to maintain and use high energy. Replacing the fixtures with LED type will save 40–50% in energy cost. Much of the turf, trees, and shrubs around the perimeter of the garage have reached the end of their life expectancy and cause an unattractive image of City property for the new Creative Village.

**PROJECT RANKING**  
 Department Rating 8.9  
 CIE Requirement

CONTACT: Pam Corbin 4072463766

**REMARKS**

**RECOMMENDED SOLUTION (PROJECT DESCRIPTION):**

Elevator cabs are to be modernized by installing new stainless steel vandal resistant interior surfaces, new lighting, hands free telephone communication, car position indicators, new vandal resistant call buttons and infrared door protection device. Replace current lighting fixtures with newest technology LED fixtures. Lumens output per fixture must exceed IESNA minimum standards for parking garages. Design and implement new landscaping and hard surface areas.

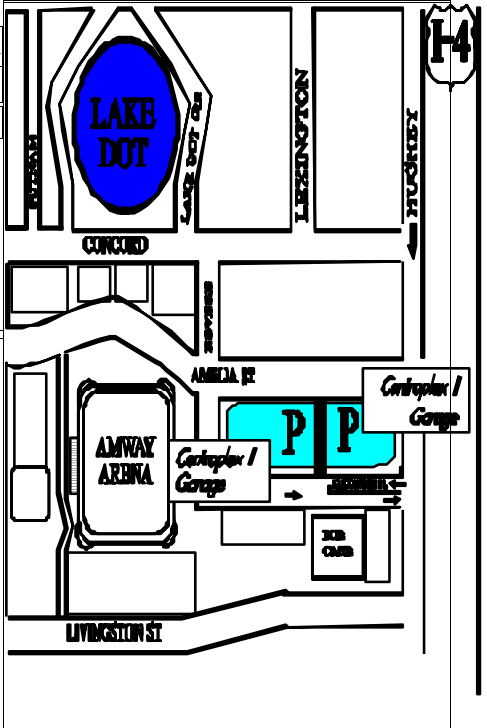
**SERVICE AREA**

DOWNTOWN

**LOCATION**

**PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR**

FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4130	\$0	\$160,000	\$100,000	\$100,000	\$0	\$360,000	\$0	\$0	\$360,000
<b>ALL</b>	\$0	\$160,000	\$100,000	\$100,000	\$0	\$360,000	\$0	\$0	\$360,000



**PROJECT COST BY PHASE**

**IMPACT ON OPERATING COST (+/-)**

Project Phasing Description	Estimated Time		Estimated Cost
	From	To	
Elevator modernization (2)	10/1/2019	9/30/2020	\$160,000
Lighting Modernization	10/1/2020	9/30/2021	\$100,000
Landscape Exterior Areas	10/1/2021	9/30/2022	\$100,000

Salaries, Wages, Benefits  
 Operating Costs  
 Other Capital Costs  
 Total Annual Operating Costs:

SOURCE:  
 Total Annual Income

TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE									
DEPARTMENT:	TRANSPORTATION DEPT.	20-TSP-009	Church Street SunRail Platform								0									
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Future Need/Planned Expansion																		
PROBLEM IDENTIFICATION OR NEED:																				
										PROJECT RANKING										
										Department Rating	4.									
										CIE Requirement	N									
										CONTACT:										
										REMARKS										
																				SERVICE AREA
																				Downtown
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										LOCATION										
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																				
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total											
1070	\$0	\$0	\$500,000	\$600,000	\$0	\$1,100,000	\$0	\$0	\$1,100,000											
<b>ALL</b>	\$0	\$0	\$500,000	\$600,000	\$0	\$1,100,000	\$0	\$0	\$1,100,000											
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)															
Project Phasing		Estimated Time		Estimated Cost																
Description		From	To	Salaries, Wages, Benefits				\$0												
				Operating Costs				\$0												
				Other Capital Costs				\$0												
				Total Annual Operating Costs:				\$0												
				SOURCE:																
				Total Annual Income																

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: TRANSPORTATION DEPT.		20-TSP-002 Corrine Drive/Virginia Drive							
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED: MetroPlan Orlando is leading the Corrine Drive Complete Streets Study in coordination with Orange County, City of Orlando, and City of Winter Park. Corrine Drive is owned by Orange County, maintained by the City of Orlando, and adjacent to the City of Winter Park. With multiple jurisdictions and outside stakeholders involved, the corridor offers an excellent opportunity for MetroPlan Orlando to lead an independent evaluation of how to improve transportation options in the area.				PROJECT RANKING Department Rating 4. CIE Requirement N					
Study Process: - Phase 1 (Completed Summer of 2017): We listened to the community's desires and used this input to help shape the study's approach. At the same time, we gathered technical data on how the street is used. Findings of our technical analysis and a summary of public comments were presented at a workshop at the end of this phase.				CONTACT: Gus Castro 4072463385					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): The scope of work has yet to be determined as a result of Phase 3 Study and the city and county are discussing jurisdiction ownership. There are two possible scenarios for a solution: \$10M for a full depth reclamation or \$5M resurfacing. Transportation is budgeting worst case scenario and will re-evaluate in future years as jurisdictional conversations continue.				REMARKS					
				SERVICE AREA Audubon Park					
				LOCATION Corrine Drive   Complete Street					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1100	\$0	\$0	\$0	\$5,000,000	\$5,000,000	\$10,000,000	\$0	\$0	\$10,000,000
<b>ALL</b>	\$0	\$0	\$0	\$5,000,000	\$5,000,000	\$10,000,000	\$0	\$0	\$10,000,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits			\$0
						Operating Costs			\$0
						Other Capital Costs			\$0
						Total Annual Operating Costs:			\$0
						SOURCE: Total Annual Income			



TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:	FINANCIAL PROJECT #	PAGE					
DEPARTMENT:	TRANSPORTATION DEPT.	15-PKG-006	Courthouse Garage Repair and Maintenance	PKG0019_P	0					
DIVISION:	PARKING	PRIORITY:	Repair / Replacement	PROJECT RANKING						
PROBLEM IDENTIFICATION OR NEED:				Department Rating	4. 9					
On the exterior walls waterproof coating shows no remaining evidence of sealer. Unless renewed, water will seep through the concrete slab and cause structural corrosion. Exterior walls are deteriorating and loosing adhesion causing leaks and corrosion of the steel and delaminating of concrete between the levels. On interior floors 1 to 7 the waterproof coating shows no remaining evidence of sealer. Unless renewed water will seep through the concrete slab and cause structural corrosion. The (4) traction type elevators in Phase 1 & 2 are on average more than 20 years old. The car operating panel, controller and communication instruments are obsolete. The hoisting equipment needs to be re-rope to meet code. In addition, the interior of the car and associated hardware are in poor condition due to heavy usage. Expansion joints on various levels 1 to 7 are deteriorating and loosing adhesion causing leaks and corrosion of the steel and delamination of concrete between levels.				CIE Requirement	N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Pamela Corbin	4072463766					
Pressure wash first to seventh level exterior walls in compliance with local ordinances and regulations. Apply a coating of SIKA Ferrogard 903 corrosion inhibiting sealer to waterproof all exterior walls. Pressure wash first to seventh level interior floors in compliance with local ordinances and regulations. Apply a coating of SIKA Ferrogard 903 corrosion inhibiting sealer to waterproof all interior floors. Elevator equipment and cab are to be modernized by installing new solid-state microprocessor generic controllers with starters, stainless steel vandal resistant interior surfaces, new lighting, ADA compliant updates, car position indicators, new vandal resistant call buttons and door infrared protection device. On identified floor joints, remove all pre-formed or liquid sealant material in expansion and control joints. Replace with applicable pre-formed or recommended silicone building sealant and caulk all areas throughout garage.				REMARKS Parking R&R Fund and from O&M Partners.						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				SERVICE AREA						
				DOWNTOWN						
				LOCATION						
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>	
4133	\$120,000	\$100,000	\$250,000	\$250,000	\$0	\$720,000	\$0	\$450,000	\$1,170,000	
<b>ALL</b>	\$120,000	\$100,000	\$250,000	\$250,000	\$0	\$720,000	\$0	\$450,000	\$1,170,000	
<b>PROJECT COST BY PHASE</b>				<b>IMPACT ON OPERATING COST (+-)</b>						
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:				
Description		From	To							
Waterproof Exterior Walls		10/1/2019	9/30/2020	\$120,000						
Waterproof Interior Floors		10/1/2020	9/30/2021	\$100,000						
Expansion Joints		10/1/2021	9/30/2022	\$250,000						
Elevator Modernization (4 Cars)		10/1/2021	9/30/2022	\$250,000						
Replace Interior Expansion Joints		10/1/2022	9/30/2023	\$250,000						

SOURCE:  
Total Annual Income

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		83-722-023 Curb Ramp Construction and Curb Repair		TRE0023_P					
DIVISION: TRANS. ENGINEERING		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<p>The Americans with Disabilities Act (ADA) requires the construction of curb ramps at all intersections where pedestrian walkways exist. Funding for curb ramps was routinely included with sidewalk maintenance in the past and will continue; however, additional funds are needed in order to complete the requirements set by ADA. Curb repair funding is requested to fund the reconstruction of non-compliant curb sections throughout the City.</p>				Department Rating		1. 3			
				CIE Requirement		N			
				CONTACT: Cade Braud		4072463377			
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
<p>Continuous inspections by City staff, the Sidewalk Inventory with condition assessment and public input will identify locations for curb ramps. According to the ADA, areas that require immediate attention are state and local government facilities, places of public accommodation and the residences of the disabled. An annual contract will be administered by City staff.</p>				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$0	\$0	\$0	\$0	\$0	\$750,000	\$1,276,239	\$2,026,239
1100	\$0	\$150,000	\$0	\$150,000	\$0	\$300,000	\$800,000	\$2,241,438	\$3,341,438
<b>ALL</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$300,000</b>	<b>\$1,550,000</b>	<b>\$3,517,677</b>	<b>\$5,367,677</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE:					
				Total Annual Income		\$0			






TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		20-TSP-003 Division Avenue Complete Streets				0			
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
The current configuration of Division Avenue doesn't allow for optimal network performance. As a result of the completed Ultimate I-4 project, there will be an increase demand for downtown connectivity which present an opportunity to enhance the Division Avenue corridor into a multi-modal corridor.				Department Rating		2.			
Complete Streets - \$1,500,000 Roundabout at Division/Gore - \$1,050,000 (Costs assume Design, Construction and CEI)				CIE Requirement		N			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Claudia Korobkoff 4072462180					
Land use patterns from Gore St to Michigan St will transition from Industrial to Mixed Use in the future. A redesign of Division Avenue will be necessary to accommodate Mixed Use land use.				REMARKS					
Preliminary design will incorporate the corridor as a "complete streets" concept and will include a roundabout at Gore/Division, which will enhance traffic flow. There is also opportunity to tie into the Orlando Urban Trail – southern segment that is currently under design as a Local Agency Program (LAP) Agreement with Florida Department of Transportation. Construction funds for the trail will be available from FDOT July 1, 2019.				SERVICE AREA					
Project to commence after SGL completes Ultimate I-4.				SODO					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1072	\$0	\$0	\$500,000	\$750,000	\$1,300,000	\$2,550,000	\$0	\$0	\$2,550,000
ALL	\$0	\$0	\$500,000	\$750,000	\$1,300,000	\$2,550,000	\$0	\$0	\$2,550,000
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+/-)					
Project Phasing		Estimated Time		Estimated Cost					
Description		From To							
Construction - Roundabout		7/1/2022 9/30/2024		\$800,000		Salaries, Wages, Benefits \$0			
Design - Roundabout		10/1/2021 6/30/2022		\$500,000		Operating Costs \$0			
Construction - Roadway		7/1/2022 9/30/2024		\$1,000,000		Other Capital Costs \$0			
Design - Roadway		10/1/2021 6/30/2022		\$250,000		Total Annual Operating Costs: \$0			
SOURCE:									
Total Annual Income									



TYPE OF SERVICE: Transportation		PROJECT NUMBER: 17-PKG-001		PROJECT NAME: GEICO Garage Repairs and Maintenance		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: TRANSPORTATION DEPT.		17-PKG-001		GEICO Garage Repairs and Maintenance		PKG0025_P		0	
DIVISION: PARKING		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
The current lighting system at the GEICO Garage is inadequate. The interior lights are T5 108 watt fluorescent fixtures, and the roof pole lights are 150 watt metal halide lamps - both are obsolete and expensive to operate and repair. All interior metal surfaces need to be painted to prevent corrosion. Floors on each lower level needs to be seal coated to prevent corrosion of rebar and spalling of concrete.						Department Rating		9. 9	
						CIE Requirement		N	
						CONTACT: Pamela Corbin		4072463766	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						SERVICE AREA			
Replace lighting fixtures with new efficient 50 watt LED interior fixtures on all levels and stairwells. On metal surfaces, remove any loose rust that is present, as well as any peeling paint. Apply a top quality metal primer because it must perform two vital functions: provide the bond between the topcoat and the metal, and inhibit corrosion.						DOWNTOWN			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4133	\$0	\$250,000	\$200,000	\$0	\$0	\$450,000	\$0	\$274,000	\$724,000
<b>ALL</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$200,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$450,000</b>	<b>\$0</b>	<b>\$274,000</b>	<b>\$724,000</b>
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From	To						
Replace Interior & Roof Lighting		10/1/2020	9/30/2021	\$250,000					
Waterproof & Paint Interior Surface		10/1/2021	9/30/2022	\$200,000					



TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		07-812-009 Grand National Dr.: Oakridge Rd. to Sand Lake Rd.		TRE0017_P		0			
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: The International Drive Resort Area lacks a clear identifiable grid network of collector roadways. This contributes to an over-reliance on the arterial network, especially Kirkman Road and International Drive. This condition and the intense development in the area contributes to the congested conditions on these roadways.				Department Rating 2. 17					
				CIE Requirement Y					
				CONTACT: John Rhoades 4072462293					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): The realignment of Grand National Drive to connect to Greenbriar Parkway through the Carrier Drive Intersection will create a continuous north-south collector roadway from Sand Lake Road to Oak Ridge Road. Additional reconstruction/reconfiguration of portions of the corridor will be necessary to accommodate an increased number of trips.				REMARKS The cost of the right-of-way will be refined after the completion of the study.					
				SERVICE AREA					
				FLORIDA CENTER					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1072	\$3,000,000	\$5,000,000	\$4,000,000	\$0	\$0	\$12,000,000	\$10,000,000	\$2,700,000	\$24,700,000
<b>ALL</b>	\$3,000,000	\$5,000,000	\$4,000,000	\$0	\$0	\$12,000,000	\$10,000,000	\$2,700,000	\$24,700,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From To							
Design		10/1/2008 9/1/2008		\$800,000					
Planning		4/1/2007 1/1/2008		\$400,000					
									

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		20-TSP-004 Heintzelman Blvd				0			
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
Southeast Orlando will need an additional north-south reliever to Narcoossee Road. Heintzelman Blvd would provide a parallel reliever in the area of under-developed Lake Nona property.				Department Rating		4.			
				CIE Requirement		N			
				CONTACT: Claudia Korobkoff 4072462180					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
Provide access to property in Lake Nona and increase network connectivity in southeast Orlando by widening Heintzelman Blvd.				Southeast Orlando					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1071	\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$4,000,000	\$0	\$0	\$4,000,000
<b>ALL</b>	\$0	\$0	\$0	\$2,000,000	\$2,000,000	\$4,000,000	\$0	\$0	\$4,000,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

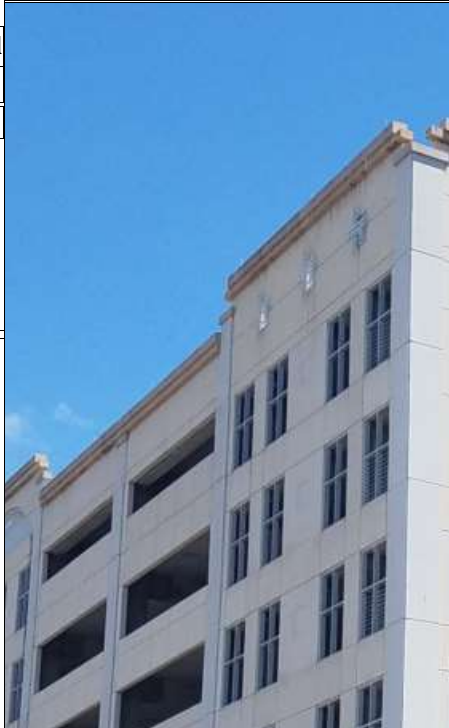


TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0					
DEPARTMENT: TRANSPORTATION DEPT.		20-TSP-008 Innovation Way South								
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Future Need/Planned Expansion								
PROBLEM IDENTIFICATION OR NEED: Innovation Way South within the Story Park development has an existing gap (approximately 800') between Story Time Drive and Wewahootee Road. The missing segment is within the City of Orlando limits and will connect to the Orange County segment of Innovation Way South to complete the street network. The City working in conjunction with Orange County Public Works will develop and agreement that allows the construction of the City segment by the contractor that is working on the Orange County segments. The City will agree to reimburse Orange County for the design and construction of its segment.				PROJECT RANKING Department Rating 4. CIE Requirement N						
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): The initial project configuration is a 2-lane roadway that is expandable to 4-lanes. The City will work with the Story Park developer to acquire the necessary ROW. The proposed project cost within the City limits is \$1.1 million (of the overall \$18 million project). An interlocal agreement between the City and Orange County will be drafted to memorialize the responsibilities of both parties.				CONTACT: Claudia Korobkoff 4072462180						
				REMARKS						
				SERVICE AREA						
				Southeast Projects						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION						
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total	
1071	\$0	\$1,100,000	\$0	\$0	\$0	\$1,100,000	\$0	\$0	\$1,100,000	
ALL	\$0	\$1,100,000	\$0	\$0	\$0	\$1,100,000	\$0	\$0	\$1,100,000	
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)					
Project Phasing		Estimated Time		Estimated Cost						
Description		From	To							
CEI		6/1/2020	9/30/2020	\$25,000		Salaries, Wages, Benefits \$0				
Construction		6/1/2020	9/30/2020	\$975,000		Operating Costs \$0				
Design		4/1/2019	11/30/2019	\$100,000		Other Capital Costs \$0				
						Total Annual Operating Costs: \$0				
						SOURCE: Total Annual Income				

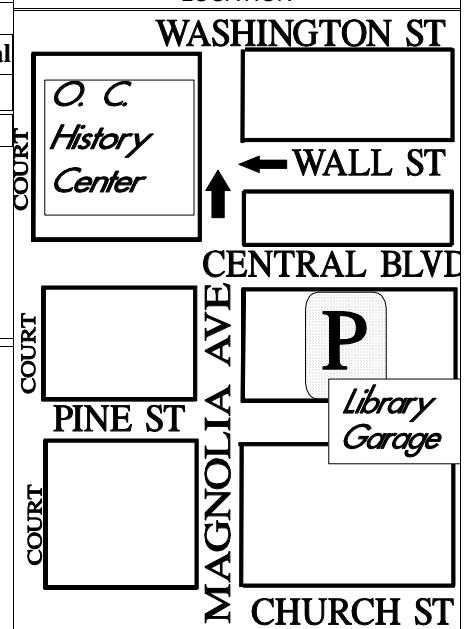
TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		79-757-001 Intersection Safety Improvements		TRE0006_P					
DIVISION: TRANS. ENGINEERING		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
The most significant crash locations in the City occur at intersections. Through analysis of these locations, safety enhancements can be implemented to reduce the likelihood of crashes and reduction in severity of these crashes at intersections.				Department Rating		1. 5			
				CIE Requirement		N			
				CONTACT: Cade Braud		4072463377			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
This on-going project is used to modify as necessary the existing conditions at intersections in order to reduce prevailing crash rates. Modifications performed under this project can include a range of safety improvements such as adding/deleting signal phases, upgrading signal displays to enhance visibility, increasing sight distance, and minor geometric improvements. The types of modifications are proven countermeasures to reduce crashes and improve traffic safety.				Improvements scheduled annually based upon intersection analysis and annual accident summary.					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1100	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000	\$800,000	\$4,948,186	\$7,748,186
OF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$127,500	\$127,500
<b>ALL</b>	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000	\$800,000	\$5,075,686	\$7,875,686
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income		\$0	





TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE							
DEPARTMENT: TRANSPORTATION DEPT.		15-PKG-008 Jefferson Garage Capital Repairs		PKG0024_P		0							
DIVISION: PARKING		PRIORITY: Repair / Replacement		PROJECT RANKING									
PROBLEM IDENTIFICATION OR NEED:				Department Rating 6. 9									
<p>All interior metal surfaces need to be painted to prevent corrosion. Floors on each lower level need to be seal coated to prevent corrosion of rebar and spalling of concrete. The elevator interiors are deteriorated by their high usage and cause an unattractive image of City property. New up to date control panels, lighting and vandal proof interiors are necessary to meet future parking demands for the City. The steel doors with hardware on various levels need replacement due to vandalism and internal corrosion.</p>				CIE Requirement N									
				CONTACT: Pamela Corbin 4072463766									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS									
<p>On metal surfaces remove any loose rust that is present, as well as any peeling paint. Apply a top quality metal primer because it must perform two vital functions: provide the bond between the topcoat and the metal, and inhibit corrosion. Elevator cabs are to be modernized by installing new control panel, stainless steel vandal resistant interior surfaces, new lighting, hands free telephone communication, car position indicators and new vandal resistant call buttons and infrared door protection detectors. Provide new handrails and repaint as needed. Replace with new approved UL fire doors rated at two (2) hours with related door checks and panic bars.</p>				Parking R&R Fund									
				SERVICE AREA									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				DOWNTOWN									
LOCATION													
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>					<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>
4133	\$150,000	\$200,000	\$0					\$0	\$100,000	\$450,000	\$0	\$495,000	\$945,000
<b>ALL</b>	\$150,000	\$200,000	\$0					\$0	\$100,000	\$450,000	\$0	\$495,000	\$945,000
<b>PROJECT COST BY PHASE</b>				<b>IMPACT ON OPERATING COST (+-)</b>									
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income							
Description		From To											
Waterproof and Paint Interior Surfaces		10/1/2019 9/30/2020		\$150,000									
Elevator Cab Refurbishment (3 cars)		10/1/2020 9/30/2021		\$200,000									
Replace Fire Doors		10/1/2023 9/30/2024		\$100,000									



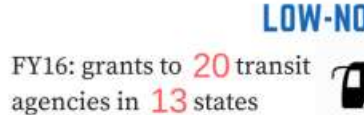
TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:	FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	TRANSPORTATION DEPT.	15-PKG-007	Library Garage Repair and Maintenance	PKG0023_P	0				
DIVISION:	PARKING	PRIORITY:	Repair / Replacement	PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating	5. 9				
The metal pan with concrete fill staircase on the Central side of the garage from the first to third level is corroded and is beyond repair. Unless replaced, personal injuries to the public can occur. The steel fire doors with hardware on various levels need replacement due to vandalism and internal corrosion. Fire pump and alarm system will be 30 years old and would not be reliable during an emergency situation for long time running operation. Barrier cables on the roof level and various areas on floors 2 -5 are corroded and need replacement. The two elevator hoisting equipment and main controls will be 30 years old. They will not continually meet the demands that are placed upon them with the activity of entertainment businesses that surround the garage.				CIE Requirement	N				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Pamela Corbin 4072463766					
Replace with a precast reinforced concrete assembly or furnish and install new steel c-channels, stringers, metal pans and concrete. Provide new handrails and repaint as needed. Replace with new approved UL fire doors rated at (2) hours with related door checks and panic bars. Replace fire pump and engine with same design specifications as existing unit. Install new galvanized barrier cables of equal strength and torque to proper tension. Modernize the elevator hoisting equipment, controls and mechanical room air conditioning units according to State of Florida Elevator Codes.				REMARKS Parking R&R Fund and from O&M Partners.					
The Parking Division needs to add a video surveillance system to the Library Garage. The goal is to provide another public safety tool to help deter crime in and around this location.				SERVICE AREA					
On-Net Surveillance Systems to be installed at Library Garage located at 12 E. Central Blvd.				DOWNTOWN					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4133	\$373,000	\$175,000	\$120,000	\$150,000	\$0	\$818,000	\$0	\$435,000	\$1,253,000
ALL	\$373,000	\$175,000	\$120,000	\$150,000	\$0	\$818,000	\$0	\$435,000	\$1,253,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:			
Description		From	To						
Replace Central Staircase and Fire Doors		10/1/2019	9/30/2020	\$150,000					
Replace Fire Pump and Fire Alarm System		10/1/2020	9/30/2021	\$175,000					
Replace Barrier Cables		10/1/2021	9/30/2022	\$120,000					
Elevator Control Modernization		10/1/2022	9/30/2023	\$150,000					





TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		18-TSP-004 Lincoln SunRail Station Funding Agreement		TSP0054_P		0			
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Future Need/Planned Expansion		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 4.					
Lincoln Church Street, LLC ("Developer"), agreed to enter into an agreement with the City to construct a SunRail Station within their new mixed-use tower project, located south of Church Street, north of W. South Street, and east of Garland Avenue. The Developer shall be responsible for the construction of the station and conveyance of easements to FDOT or SunRail Commission, on or before December 31, 2024. The City of Orlando through the thresholds set within this agreement, shall provide funding not to exceed \$1,500,000, in three installments of \$500,000.				CIE Requirement					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Nancy Ottini 4072463529					
The funding agreement was approved by City Council on July 24, 2017; however, the Developer has not yet signed the agreement. As of March 2019 (FY19), no payment has been made to Lincoln Church Street. The funding requested in FY20 funding satisfies the City's obligation as outlined in the agreement.				REMARKS					
				The City agrees to fund Lincoln's cost to construct the station within their proposed tower project. Understanding the relocation of this station serves the public with a safer and more convenient location by aligning the northbound and southbound platforms. City funds shall be utilized by Lincoln to pay the costs incurred for construction of the station. The agreement provides three installments of \$500,000 each, with the first due on or after 10/1/2017, the second contingent upon					
				SERVICE AREA					
				Downtown					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1070	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$650,000	\$1,150,000
<b>ALL</b>	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$650,000	\$1,150,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From	To						



TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	19-TSP-003	Low or No Emission Vehicle Program – Grant Match								0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
LYNX submitted a grant application to Federal Transit Administration for the 2018 Low or No Emission Vehicle Program in June 2018. The grant request was denied for FY2018, but Lynx is re-submitting the application in Q3 FY19.											
The main purpose of the Low-No Program is to support the transition of the nation's fleet to the lowest polluting and most energy efficient transit vehicles. The Low-No Program provides funding to state and local government authorities for the purchase or lease of zero-emission or low-emission transit buses, including acquisition, construction and leasing of required supporting facilities.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
FY19 grant application local match is as follows:											
Scenario One: Local Match for seven (7) buses: \$850,000											
Scenario Two: Local Match for seven (7) buses and seven (7) batteries: \$1,200,000											
Scenario Three: Local Match for three (3) buses: \$365,000											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total		
3001	\$0	\$850,000	\$0	\$0	\$0	\$850,000	\$0	\$0	\$850,000		
<b>ALL</b>	\$0	\$850,000	\$0	\$0	\$0	\$850,000	\$0	\$0	\$850,000		
PROJECT COST BY PHASE											
IMPACT ON OPERATING COST (+/-)											
Project Phasing			Estimated Time		Estimated Cost						
Description			From	To							
					Salaries, Wages, Benefits		\$0				
					Operating Costs		\$0				
					Other Capital Costs		\$0				
					Total Annual Operating Costs:		\$0				
					SOURCE:						
					Total Annual Income		\$0				
CONTACT: Claudia Korobkoff 4072462180											
REMARKS											
The City provided a Letter of Support to LYNX for the local share match. LYNX's grant application requested funding for eight (8) 35' electric buses and eight (8) depot chargers. However, it is likely if awarded, LYNX will receive funding for two (2) 35' electric buses and two (2) depot chargers.											
SERVICE AREA											
CITYWIDE											
LOCATION											
 <p>On April 28, 2017, FTA announced the opportunity for Low and No Emission (Low-No) Bus Project</p>  <p>CONGRESSIONAL AUTHORIZATION Federal transit law: \$ for low &amp; zero-emiss FY16-FY20</p>  <p>LOW-NO FY16: grants to 20 transit agencies in 13 states</p>											

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																																																																																			
DEPARTMENT: TRANSPORTATION DEPT.		91-812-001 LYNX Annual Contribution		CCA0014_C																																																																																																					
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Existing Deficiency																																																																																																							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING																																																																																																					
The Growth Management Plan addresses the need to contribute to the transit provider. The City's share for fleet, operational and paratransit requirements is based on its share of population and future needs for services.				Department Rating 2. 1																																																																																																					
				CIE Requirement Y																																																																																																					
				CONTACT: Claudia Korobkoff 4072462180																																																																																																					
				REMARKS																																																																																																					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				Later funding will be determined yearly based upon the GMP Transportation element. This project now combines the allocations previously contained in the related LYNX Operational and LYNX Paratransit projects (90-812-002 and 94-812-006). See related revenue tracking projects, 06-734-020 and 06-734-021.																																																																																																					
				Allocate annually a portion of the City's revenue to contribute to the transit provider for fleet, operational and paratransit requirements.																																																																																																					
				SERVICE AREA																																																																																																					
				CITYWIDE																																																																																																					
				LOCATION																																																																																																					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																																																									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																																																																
1100	\$4,029,469	\$4,110,059	\$4,192,260	\$4,276,105	\$0	\$16,607,893	\$0	\$98,154,216	\$114,762,109																																																																																																
<b>ALL</b>	\$4,029,469	\$4,110,059	\$4,192,260	\$4,276,105	\$0	\$16,607,893	\$0	\$98,154,216	\$114,762,109																																																																																																
<table border="1"> <thead> <tr> <th colspan="5">PROJECT COST BY PHASE</th> <th colspan="5">IMPACT ON OPERATING COST (+-)</th> </tr> <tr> <th colspan="2">Project Phasing</th> <th colspan="2">Estimated Time</th> <th>Estimated Cost</th> <th colspan="5"></th> </tr> <tr> <th colspan="2">Description</th> <th>From</th> <th>To</th> <th></th> <th colspan="5"></th> </tr> </thead> <tbody> <tr> <td colspan="5"></td> <td>Salaries, Wages, Benefits</td> <td colspan="4"></td> <td>\$0</td> </tr> <tr> <td colspan="5"></td> <td>Operating Costs</td> <td colspan="4"></td> <td>\$0</td> </tr> <tr> <td colspan="5"></td> <td>Other Capital Costs</td> <td colspan="4"></td> <td>\$0</td> </tr> <tr> <td colspan="5"></td> <td>Total Annual Operating Costs:</td> <td colspan="4"></td> <td>\$0</td> </tr> <tr> <td colspan="5"></td> <td>SOURCE:</td> <td colspan="4"></td> <td></td> </tr> <tr> <td colspan="5"></td> <td>Total Annual Income</td> <td colspan="4"></td> <td>\$0</td> </tr> </tbody> </table>										PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)					Project Phasing		Estimated Time		Estimated Cost						Description		From	To												Salaries, Wages, Benefits					\$0						Operating Costs					\$0						Other Capital Costs					\$0						Total Annual Operating Costs:					\$0						SOURCE:											Total Annual Income					\$0
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)																																																																																																				
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TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		16-TRE-003 Millenia & Oak Ridge Dual Left SB		TRE0033_P		0			
DIVISION: TRANS. ENGINEERING		PRIORITY: Existing Deficiency		PROJECT RANKING Department Rating 2. CIE Requirement Y  CONTACT: Jeremy Crowe 4072463262  REMARKS          SERVICE AREA  Millenia  LOCATION					
PROBLEM IDENTIFICATION OR NEED:									
The City's Traffic Studies Group has received numerous concerns and complaints about peak hour congestion at the signalized intersection for the southbound movement. The Traffic Studies Group has also collected information in the past and has noted high vehicle counts in the peak hour.									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
The City needs to design and construction an additional southbound turn lane which will be cut out of the current grassed median on Millenia Blvd. The signalized intersection needs to be restriped and the additional signal modifications are necessary to implement this additional turn lane.  Fund requested in FY20 are for construction. However, this does not include funds for signals. If additional money is needed for signal, funding is available in New Traffic Signal SW (TRE0004_P).									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1072	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0	\$310,000	\$610,000
<b>ALL</b>	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0	\$310,000	\$610,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:   SOURCE: Total Annual Income			
Description		From To							
CEI		7/1/2019 9/30/2020		\$45,000					
Construction		7/1/2019 9/30/2020		\$500,000					
Design		2/14/2019 6/30/2019		\$65,000					

TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:	FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	PUBLIC WORKS DEPARTMENT	77-722-004	Miscellaneous Sidewalk Repair	STW0012_P					
DIVISION:	ENGINEERING SERVICES	PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
This program is required for the routine maintenance of the City's pedestrian walkway system. A broken or raised sidewalk represents a safety hazard to citizens. Presently, the City's practice is to quickly respond to hazardous locations and make an area safer. This is accomplished by either grinding down the raised edge of the sidewalk, placing a temporary asphalt ramp toward the raised edge or by making an asphalt patch. The ultimate repairs are to perform appropriate tree root pruning and replace defective sidewalk sections.				Department Rating	1. 2				
				CIE Requirement	N				
				CONTACT: Jim Hunt	4072463623				
				REMARKS					
				This is an ongoing program to repair only the most hazardous of broken sidewalks.					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				For FY16/17 an additional \$150,000 allocated to be used toward Parramore Safe Routes to School Project (STW0012_P)					
Contracted assistance is needed to keep pace with sidewalk deficiencies. Continuous inspection, the Sidewalk Inventory with condition assessment, citizen complaints and accidents identify locations that need repairs.									
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	\$300,000	\$7,490,808	\$9,290,808
1100	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$800,000	\$6,327,305	\$8,127,305
<b>ALL</b>	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$1,100,000	\$13,818,113	\$17,418,113
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits			\$0
						Operating Costs			\$0
						Other Capital Costs			\$0
						Total Annual Operating Costs:			\$0
						SOURCE:			
						Total Annual Income			\$0



TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		16-TRE-001 Narcoossee Widening: SR 528 - SR 417		TRE0028_P		0			
DIVISION: TRANS. ENGINEERING		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
Current pavement conditions along Narcoossee Road between SR 528 and SR 417 dictate the need for repaving in the near future. The average life span of a paving project is approximately 18 years.				Department Rating 1.					
If the road is paved now, and demand causes the need for widening before 2034 (2016 + 18 years), the City does not get full utilization of the paving project. Modeling shows that the capacity demand as a result of growth will necessitate the widening within the next 5-years. Road widening project will need intersection improvements including new left-turn lanes and signal improvements. Also, there are no bike/ped connections from Lake Nona to the SR528 existing trails in the area. Additionally, Orange County and City of Orlando are currently coordinating a new City 30" reclaimed water line (RWL) project along the Limits of this project.				CIE Requirement Y					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Claudia Korobkoff 4072462180					
Repave and widen the road simultaneously to reassure full utilization of the paving projects while the widening the road to 6 lanes will meet future growth demand in the area. City staff believes it is more cost effective to widen Narcoossee Road in the near term to meet the growth demand. Road widening project will make intersection improvements including new left-turn lanes and signal improvements at Dowden Rd, Moss Park Rd, & Lake Nona Blvd. Also. A Shared Use Path is recommended on the west side of Narcoossee Road from Lake Nona Boulevard to the north of Lake Nona Club Drive which will help connecting existing trails within the area. Finally, to avoid future traffic/road disruptions in the area, it is recommended to coordinate with Orange County to install the new City 30" reclaimed water line (RWL) within the median.				REMARKS					
				<input type="checkbox"/> The funding agreement with Lake Nona was approved on June 6th, 2015 and provides for \$8 million in funding for the construction of Narcoossee Road as a six-lane facility.					
				SERVICE AREA					
				Lake Nona					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1071	\$2,800,000	\$0	\$0	\$0	\$0	\$2,800,000	\$0	\$10,000,000	\$12,800,000
<b>ALL</b>	<b>\$2,800,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,800,000</b>	<b>\$0</b>	<b>\$10,000,000</b>	<b>\$12,800,000</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: Transportation		PROJECT NUMBER: 08-660-001		PROJECT NAME: New Traffic Signal Locations		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: TRANSPORTATION DEPT.		08-660-001		New Traffic Signal Locations		TRE0025_P			
DIVISION: TRANS. ENGINEERING		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
Each year, intersections in the City are identified as meeting the warrants for signalization. Traffic demand has grown, increasing the delay at these intersections and increasing the chance of vehicle and pedestrian crashes. This drives citizen requests for timely installation of traffic signals. The installation of traffic signals can result in improvements to the safe and efficient movement of vehicles and pedestrians.						Department Rating		1. 9	
						CIE Requirement		N	
						CONTACT: Benton Bonney		4072463626	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						REMARKS			
Provide funding for design at an average cost of \$50,000 per intersection and construction of traffic signalization at an average cost of \$500,000 per intersection. This funding assumes a mast-arm signalized intersection. Span wire or other devices would be more cost efficient.						Gas Tax TRE0001_P IFT - North TRE0003_P IFT - SE TRE0025_P IFT - SW TRE0004_P			
						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1100	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$2,000,000	\$840,000	\$3,340,000
1071	\$150,000	\$100,000	\$0	\$0	\$0	\$250,000	\$0	\$1,350,000	\$1,600,000
1072	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	\$0	\$600,000	\$1,350,000
1070	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
<b>ALL</b>	<b>\$400,000</b>	<b>\$350,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>\$1,500,000</b>	<b>\$2,000,000</b>	<b>\$3,290,000</b>	<b>\$6,790,000</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To							
Annual equipment replacement		10/1/2017 9/30/2018		\$800,000		Salaries, Wages, Benefits		\$0	
Annual equipment replacement		10/1/2016 9/30/2017		\$800,000		Operating Costs		\$0	
Annual equipment replacement		10/1/2015 9/30/2016		\$800,000		Other Capital Costs		\$0	
Annual equipment replacement		10/1/2014 9/30/2015		\$800,000		Total Annual Operating Costs:		\$0	
Annual equipment replacement		10/1/2013 9/30/2014		\$800,000					






TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		90-756-002 Pavement Marking Maintenance		TRE0010_P					
DIVISION: TRANS. ENGINEERING		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
Pavement markings wear out, fade and lose reflectivity with time and use. Properly maintained markings lead to improved safety on roads and streets.				Department Rating		3. 17			
				CIE Requirement		N			
				CONTACT: Cade Braud		4072463377			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
Continue a Pavement Marking Upgrade Program to provide for routine upgrade of critical traffic pavement marking and raised reflective markers. Replacement based upon reflectivity, condition and type of facility. Majority of pavement marking renewal is by contract due to personnel and equipment availability.				Project is under funded due to limited Gas Tax funding.					
				For FY19 - Transportation is proposing for this project to be funded via Capital Improvement Funds, due to limited funds in Gas Tax. It should be noted, this project was previously funded in both CIP Fund & Gas Tax.					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1100	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,250,000	\$500,000	\$2,995,382	\$5,745,382
3001	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$800,000	\$1,300,000
<b>ALL</b>	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,250,000	\$1,000,000	\$3,795,382	\$7,045,382
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits			\$0
						Operating Costs			\$0
						Other Capital Costs			\$0
						Total Annual Operating Costs:			\$0
						SOURCE:			
						Total Annual Income			\$0



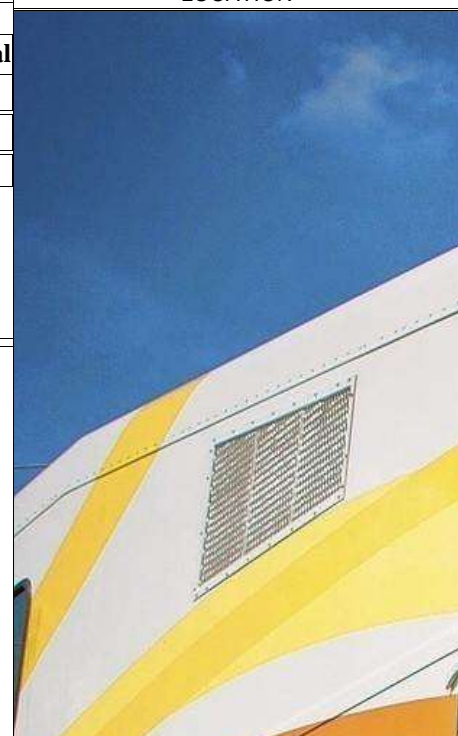



TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		79-722-001 Pavement Rehabilitation		STW0007/9					
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<p>A continuing program of pavement rehabilitation is required to maintain 700 miles of pavement within the City of Orlando. Pavement surfaces have a life of approximately 15 years depending upon traffic loading, environment and drainage conditions. A condition assessment completed in December 2006 indicates that Orlando's average pavement condition is relatively good and a budget of \$5M is required to keep the conditions at the same level. Pavement rehabilitation spending below \$5M will result in overall declining pavement surface conditions. Deferring maintenance costs will result in a significant backlog of needs.</p>				Department Rating		3. 1			
				CIE Requirement		N			
				CONTACT: Lisa Henry		4072463646			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
<p>Specific locations and strategies are identified annually based on condition assessments. A mix of pavement rehabilitation techniques are used to maximize pavement conditions and extend usable life. A funding level of \$5M will keep Orlando's pavement conditions stable and will accomplish an average annual program consisting of: \$500,000 for rejuvenation, \$2,250,000 for hot-in-place resurfacing and \$2,250,000 for conventional resurfacing.</p>				Project STW0009_P					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1100	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$12,500,000	\$8,000,000	\$45,711,053	\$66,211,053
3001	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$12,500,000	\$0	\$1,330,000	\$13,830,000
<b>ALL</b>	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$25,000,000	\$8,000,000	\$47,041,053	\$80,041,053
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits				\$0	
				Operating Costs				\$0	
				Other Capital Costs				\$0	
				Total Annual Operating Costs:				\$0	
				SOURCE:					
				Total Annual Income				\$0	



TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	20-TSP-007	Pres. Barack Obama Parkway Phase 2								0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:											
: Based on the City's adopted Thoroughfare Plan, future growth projections and transportation modeling, President Barack Obama Parkway has been identified as a future roadway deficiency, and road network connectivity improvements will be needed. President Barack Obama Parkway will provide a parallel relief to Kirkman Rd from Conroy Rd north to Old Winter Garden Rd, which connects into Pine Hills.											
Phase 1 - Conroy Rd to Metro West Blvd - completed Phase 2 – Metro West Blvd north to Raleigh Street Phase 3- Raleigh Street, north to Old Winter Garden Rd, which connects into Pine Hills											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Increase transportation network connection that provides connectivity and access between John Young Parkway and Kirkman Rd.											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total		
1072	\$0	\$0	\$0	\$0	\$2,500,000	\$2,500,000	\$0	\$0	\$2,500,000		
1100	\$0	\$0	\$0	\$0	\$2,500,000	\$2,500,000	\$0	\$0	\$2,500,000		
<b>ALL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000,000</b>		
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
						Salaries, Wages, Benefits			\$0		
						Operating Costs			\$0		
						Other Capital Costs			\$0		
						Total Annual Operating Costs:			\$0		
						SOURCE:					
						Total Annual Income					
<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">  </div> <div style="width: 35%; text-align: right;"> <p>SERVICE AREA</p> <p>Millenia</p> <p>LOCATION</p> </div> </div>											

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		86-725-002 Railroad Crossing Maintenance		TRE0039_P					
DIVISION: TRANS. ENGINEERING		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
ountsontrol devices, licenses, and land leases are required for railroad crossings that are located within the City. Agreements are in place between the City and railroad owners (Florida Central Railroad and FDOT) for annual maintenance of these devices, annual licensing, and annual payments for land leases.				Department Rating		3. 4			
				CIE Requirement		N			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Cade Braud		4072463377			
				REMARKS					
This ongoing project funds the reimbursement of railroad owners (Florida Central Railroad and FDOT) for annual maintenance of traffic control devices and fiber optic license agreements at railroad grade crossing as well as annual payments for land leases.				FY 2012-13 funding moved to next year.					
				FY 2013-14 funding moved to next year. RMCox					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1100	\$120,000	\$0	\$120,000	\$0	\$120,000	\$360,000	\$1,100,000	\$2,104,886	\$3,564,886
OF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$370,000	\$370,000
<b>ALL</b>	\$120,000	\$0	\$120,000	\$0	\$120,000	\$360,000	\$1,100,000	\$2,474,886	\$3,934,886
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE:					
				Total Annual Income		\$0			



TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	20-TSP-005	Raleigh Street Improvements							TSP0011_P	0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
<p>Raleigh Street is currently an Orange County road from Kirkman Road to Willie Mays Parkway. The City of Orlando and Orange County agree that there is a public purpose in transferring Raleigh Street from the County to the City for operation and maintenance. In conjunction with the transfer, the City agrees to construct improvements to Raleigh Street and the County agrees to participate in the construction by contributing one-half of the costs, up to \$1M. The improvements are currently estimated to cost approximately \$2M.</p>											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
<p>On October 8, 2018 City Council approved an Interlocal Agreement between Orange County and City of Orlando regarding the transfer of jurisdiction of Raleigh Street from Kirkman Road to Willie Mays Parkway.</p> <p>Funding in the amount of \$1,650,000 was previously identified and will be used towards the City's contribution as outlined in the Agreement. Additional funding is requested to fulfill obligation plus contingency.</p>											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total		
1072	\$500,000	\$250,000	\$0	\$0	\$0	\$750,000	\$0	\$0	\$750,000		
<b>ALL</b>	\$500,000	\$250,000	\$0	\$0	\$0	\$750,000	\$0	\$0	\$750,000		
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
				Salaries, Wages, Benefits		\$0					
				Operating Costs		\$100,000					
				Other Capital Costs		\$0					
				Total Annual Operating Costs:		\$100,000					
				SOURCE:							
				Total Annual Income							
<p>CONTACT: Chris Cairns 4072462703</p> <p>REMARKS</p> <p>SERVICE AREA</p> <p>Carver Shores</p> <p>LOCATION</p>											
											

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		81-755-004 Regional Computerized Signal System		TRE0012_P					
DIVISION: TRANS. ENGINEERING		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<p>The majority of the signalized intersections in the City operate in a coordinated system. A connected system provides coordination with other adjacent or area signals to allow for traffic flow continuity on arterials or grid-type road networks and for monitoring of signals. The City has partnered with MetroPlan Orlando and FDOT to replace much of the old twisted-pair copper to fiber optic cables to greatly improve the capacity and reliability of our transportation communications system. We need to continue this process to connect the few remaining isolated intersections and those still on twisted pair. Additionally, some of the earliest fiber optic installations are reaching end of life and need to be replaced to improve reliability and to support upcoming new connected and autonomous vehicle (CAV) technologies.</p> <p>The Transportation Department replaced the old Traffic Management Center (TMC) video wall with energy-efficient flat screen technology. The next step will be to install video management servers to allow flexibility in operating and displaying the traffic surveillance CCTV cameras in the <del>TMC and Event Management Center</del>.</p>				Department Rating		1. 7			
				CIE Requirement		Y			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Benton Bonney 4072463626					
<p>This on-going project ensures the continuous expansion, upgrade, and replacement of existing signal communications and the connection of remote devices. Implementation to add additional hardware and software. This will reduce maintenance costs and resolve operational deficiencies. Later funding required for ongoing adding, upgrading and replacing communications cable as well as providing wireless communications links where installing cable is not feasible. This includes the operations and maintenance of the fiber optic communication equipment, traffic signal control software and video wall hardware and software.</p> <p>Installing a video wall controller and software to support all types of CCTV. The video upgrade project would also include preparing design documentation for a MetroPlan or FDOT-funded CCTV camera replacement program and City funding critical camera additions or replacements.</p> <p>Finally, system upgrades will improve Transportation's ability to share video with FDOT and City emergency services.</p>				REMARKS					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1100	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$800,000	\$3,400,140	\$4,700,140
<b>ALL</b>	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$800,000	\$3,400,140	\$4,700,140
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$137,000	
						Operating Costs		\$61,000	
						Other Capital Costs		\$7,200	
						Total Annual Operating Costs:		\$205,200	
						SOURCE:			
						Total Annual Income		\$0	



TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: TRANSPORTATION DEPT.		19-TSP-002 Robinson Street "Complete Streets"							
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
Downtown Orlando has experienced significant development activity and is evolving into a 24-hour downtown. Robinson Street links the western side of the City core, runs east to the Orlando Executive Airport and serves many of downtown's historic neighborhoods (Thornton Park, Lake Eola Heights, Colonialtown South and East Central Park).				Department Rating 4.					
Florida Department of Transportation (FDOT), in partnership with the City of Orlando, conducted a corridor planning study on Robinson Street between Hughey Avenue and Maguire Boulevard to objectively evaluate potential improvements to the corridor that will improve its multimodal safety, operations and connectivity, and will address the increased demand for travel options.				CIE Requirement					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Gus Castro 4072463385					
The project will incorporate "Complete Streets" principles to reduce motor vehicle speeds, improve pedestrian safety and accommodate bicycling needs for all users, along and across the corridor. The project will ultimately reduce the number of travel lanes between Hughey Avenue and Maguire Boulevard from four to two with turn lanes; include exclusive bicycle facilities; underground utilities east of Broadway Avenue and install crosswalks where needed for safety pedestrian crossing.				REMARKS					
An initial construction segment, associated with a FDOT road resurfacing project from Garland Avenue to Mills Avenue, is being pursued by the City; this first phase will also consider undergrounding utilities between Broadway and Mills Avenues, including the north side of Lake Eola Park. Final Design/Permitting, ROW and Construction phases are not currently funded, but the City is working with MetroPlan Orlando to identify and secure potential funding opportunities to fully implement this project.				Anticipated FDOT funding					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				SERVICE AREA					
				Downtown					
				LOCATION					
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>
1100	\$300,000	\$1,000,000	\$6,481,000	\$0	\$0	\$7,781,000	\$0	\$0	\$7,781,000
<b>ALL</b>	<b>\$300,000</b>	<b>\$1,000,000</b>	<b>\$6,481,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,781,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,781,000</b>
<b>PROJECT COST BY PHASE</b>				<b>IMPACT ON OPERATING COST (+-)</b>					
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
Underground utility relocation construction		10/1/2020	9/30/2021	\$1,000,000		Salaries, Wages, Benefits		\$0	
Underground utility relocation design		10/1/2019	9/30/2020	\$300,000		Operating Costs		\$5,000	
FDOT construction		10/1/2021	9/30/2022	\$6,481,000		Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$5,000	
				SOURCE:					
				Total Annual Income _____					

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		84-722-039 School Safety Sidewalk Program		STW0010_P					
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED: A number of locations have been identified as pedestrian/bike routes for children going to school that are without the benefit of sidewalks. These routes are usually located along heavily traveled collector/arterial streets. Locations are identified through coordination with Orange County Schools and Transportation Engineering.				PROJECT RANKING Department Rating 1. 1 CIE Requirement Y					
				CONTACT: Jim Hunt 4072463623					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Continue the program to construct sidewalks/bike paths along collector/arterial streets at all identified locations.				REMARKS FA = FDOT LAP using funds from the FHA as approved by City Council on 3/7/11. Project STW0011_P					
				SERVICE AREA CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
3001	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000	\$400,000	\$9,537,000	\$12,937,000
1100	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$0	\$4,983,965	\$5,483,965
<b>ALL</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$700,000</b>	<b>\$3,500,000</b>	<b>\$400,000</b>	<b>\$14,520,965</b>	<b>\$18,420,965</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To							
				Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE:					
				Total Annual Income		\$0			

# Sidewalk


In order to keep  
City of Orlando  
sections of sidewalk  
These uneven and  
occur for many reasons  
main causes is traffic  
sections of sidewalk


TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		15-TSP-005 South Magnolia Avenue Access		TSP0048_P		0			
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: As Downtown Orlando continues to grow, street network connectivity will be vital in order to properly distribute traffic volume and improve access. Street terminations or cul-de-sacs hinder this connectivity and force reliance on a few streets for access to Downtown. This is especially true in the southern Downtown gateway where all vehicular traffic is required to use Rosalind Ave to travel north and Orange Ave to travel south.				Department Rating		2. 26			
				CIE Requirement		Y			
				CONTACT: Jeremy Crow		4072463262			
				REMARKS					
				IFT - SW					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): As a part of the I-4 Ultimate construction, the current southern cul-de-sac of Magnolia Ave will be connected with the N Lucerne Cir ramp to SR-408 West. This connection will allow both northbound and southbound traffic an alternate route through the southern Downtown gateway, improving network redundancy and better distributing traffic flow.				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1072	\$0	\$0	\$0	\$500,000	\$0	\$500,000	\$0	\$0	\$500,000
<b>ALL</b>	\$0	\$0	\$0	\$500,000	\$0	\$500,000	\$0	\$0	\$500,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
Design				Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		15-TSP-007 SunRail Corridor Quiet Zone		TSP0051_P		0			
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 32					
The City of Orlando is installing Supplemental Safety Measures (SSM) at at-grade railroad crossings along the SunRail corridor in preparation for establishing a Quiet Zone for train horns in accordance with Federal Railroad Administration (FRA) rules. The total project cost to treat all 26 intersections within City of Orlando limits is estimated at \$6 million. Currently the City intends to install SSMs at 15 to 19 of the 26 at-grade crossings in Orlando using City funds totaling \$1.8 M and an FDOT grant for \$974 K as Phase 1 of this project. The City of Orlando goal is to treat all remaining crossings as Phase 2 of this project.				CIE Requirement N					
				CONTACT: John Rhoades 4072462293					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
The second phase of the project is envisioned as an annual CIP expenditure to add SSMs at one or two untreated crossings each year until all 26 crossings have FRA approved SSMs installed and operational. This request is the first of these requests to add SSMs at two crossings which were not included in Phase I. Additional funding will also be sought through the Downtown CRA for untreated crossings within their boundaries. CRA funding will be sourced through the DTO Implementation project (CRA0017_P)				\$400,000 roughly funds one intersection					
				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1100	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000	\$0	\$1,200,000	\$3,200,000
<b>ALL</b>	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000	\$0	\$1,200,000	\$3,200,000
PROJECT COST BY PHASE									
IMPACT ON OPERATING COST (+-)									
Project Phasing			Estimated Time		Estimated Cost				
Description			From To		Salaries, Wages, Benefits				
					Operating Costs				
					Other Capital Costs				
					Total Annual Operating Costs:				
					SOURCE:				
					Total Annual Income				



TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	13-734-001	Terry Avenue Extension							TSP0046_P	0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
A north south roadway is needed to reconnect isolated areas and the increase mobility options in the neighborhood. The SR 408 Expressway and ramps to I-4 trisect the Holden/Parramore Neighborhood, and restrict travel between the three areas.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
The Florida Department of Transportation (FDOT), as part of the I-4 Ultimate Project, will reconfigure the interchange with SR 408 and move the ramps out of the Holden/Parramore Neighborhood. Along with these improvements, the City proposes to extend Terry Avenue south from W South Street to Gore Avenue. A signal at Gore Avenue will provide access to the on-ramp to westbound I-4. The extension will be a complete street, will help to restore the local street network and provide residents with a neighborhood street that will support further residential development.											
Proportionate Share Fund project between IFT- N (47%) and IFT- SW (53%) TSP0046_P - 1070_F TSP0005_P - 1072_F											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total		
1070	\$332,000	\$332,000	\$0	\$0	\$0	\$664,000	\$0	\$984,000	\$1,648,000		
1072	\$0	\$1,381,000	\$0	\$0	\$0	\$1,381,000	\$0	\$0	\$1,381,000		
<b>ALL</b>	<b>\$332,000</b>	<b>\$1,713,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,045,000</b>	<b>\$0</b>	<b>\$984,000</b>	<b>\$3,029,000</b>		
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To	Salaries, Wages, Benefits							
				Operating Costs							
				Other Capital Costs							
				Total Annual Operating Costs:							
				SOURCE:							
				Total Annual Income							
											

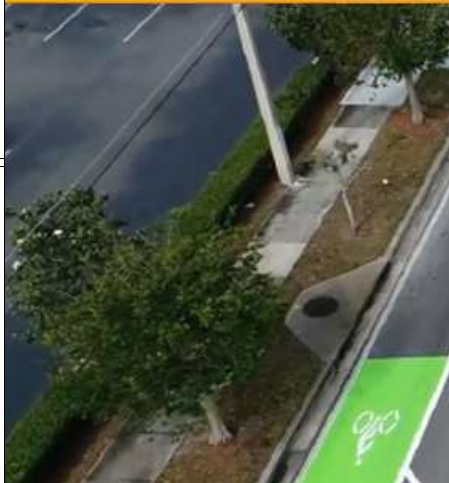
TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE				
DEPARTMENT: TRANSPORTATION DEPT.		05-734-026 Traffic Counts and Travel Time Studies		TRE0016_P		0				
DIVISION: TRANS. ENGINEERING		PRIORITY: Existing Deficiency		PROJECT RANKING						
PROBLEM IDENTIFICATION OR NEED:				Department Rating 1. 8						
Traffic count data is necessary to maintain proper traffic signal timing and coordination. As development occurs and traffic patterns change, traffic coordination timing plans have to be reevaluated and updated. The data also facilitates proper planning for future transportation improvements, safety improvements and neighborhood traffic management and planning.				CIE Requirement N						
				CONTACT: Cade Braud		4072463377				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS						
A critical component for this effort is annual traffic counts on roadways, turning movement counts at signalized intersections and travel time studies along identified key roads throughout the City. These studies will provide annual metrics to help evaluate performance of specific corridors in Orlando.				SERVICE AREA						
				CITYWIDE						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION						
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total	
1100	\$350,000	\$200,000	\$350,000	\$200,000	\$350,000	\$1,450,000	\$0	\$1,394,000	\$2,844,000	
<b>ALL</b>	\$350,000	\$200,000	\$350,000	\$200,000	\$350,000	\$1,450,000	\$0	\$1,394,000	\$2,844,000	
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost						
Description		From To		Salaries, Wages, Benefits						
				Operating Costs						
				Other Capital Costs						
				Total Annual Operating Costs:						
				SOURCE:						
				Total Annual Income						

TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																																									
DEPARTMENT: TRANSPORTATION DEPT.		87-757-005 Traffic Signal Refurbishing Program		TRE0007_P																																																											
DIVISION: TRANS. ENGINEERING		PRIORITY: Repair / Replacement																																																													
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING																																																											
<p>Traffic control signal equipment has a life span of approximately ten years after which maintenance costs increase significantly and reliability is brought into question. An established preventive maintenance and replacement program is essential for proper maintenance and to obtain reliability.</p> <p>Refurbishment also provides upgraded ability to detect and manage traffic through improved vehicle and pedestrian detection and modern advanced traffic controllers.</p>				Department Rating		3. 16																																																									
				CIE Requirement		N																																																									
				CONTACT: Benton Bonney		4072463626																																																									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS																																																											
<p>Purchase preventive maintenance equipment and implement a regular program to extend equipment life. An equipment replacement program amounting to approximately 20 intersections per year at an average cost of \$20,000 per intersection is required.</p>				An estimated \$400,000 per year in replacement costs exist.																																																											
				SERVICE AREA																																																											
				CITYWIDE																																																											
				LOCATION																																																											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																															
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																						
3001	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,286,133	\$2,286,133																																																						
1100	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$1,000,000	\$4,489,699	\$6,489,699																																																						
<b>ALL</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,000,000</b>	<b>\$2,000,000</b>	<b>\$5,775,832</b>	<b>\$8,775,832</b>																																																						
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PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)																																																											
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				Total Annual Operating Costs:	\$0																																																										
SOURCE:																																																															
				Total Annual Income	\$0																																																										



TYPE OF SERVICE: Transportation		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: TRANSPORTATION DEPT.		09-815-004 Transportation Studies/Professional Services		TSP0014_P		0			
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Future Need/Planned Expansion		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 4. 8					
<p>The Transportation Planning Division plans to undertake studies within the North, Southeast and Southwest impact fee districts that will require professional services by an outside consultant. The studies will include transit expansion in the North, and potential transit corridors in the Southeast and Southwest. In addition, the City of Orlando also has unfunded Growth Management and Land Development Regulation mandates to implement as a result of SB 360.</p>				CIE Requirement N					
				CONTACT: Nancy Ottini 4072463529					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
<p>Working with engineering consultant to establish scope of work for transporations related studies. Update transportation code, impact fee studies and other transportation related planning studies.</p>				North District \$50,000 (TSP0014_P);					
				Southwest District \$50,000 (TSP0028_P);					
				Southeast District \$50,000 (TSP0009_P).					
SERVICE AREA									
CITYWIDE									
LOCATION									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
1070	\$50,000	\$0	\$50,000	\$0	\$50,000	\$150,000	\$0	\$450,000	\$600,000
1071	\$50,000	\$0	\$50,000	\$0	\$50,000	\$150,000	\$0	\$0	\$150,000
1072	\$50,000	\$0	\$50,000	\$0	\$50,000	\$150,000	\$0	\$0	\$150,000
<b>ALL</b>	\$150,000	\$0	\$150,000	\$0	\$150,000	\$450,000	\$0	\$450,000	\$900,000
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From	To						



TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:	FINANCIAL PROJECT #	PAGE																																																	
DEPARTMENT:	TRANSPORTATION DEPT.	20-TRE-001	Transportation System Equipment and Maintenance		0																																																	
DIVISION:	TRANS. ENGINEERING	PRIORITY:	Critical Deficiency																																																			
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING																																																		
There is an ongoing need to replace aging equipment in order to maintain a safe, functional, and integrated transportation system including devices for traffic signals and traffic calming.				Department Rating	1.																																																	
Signal Equipment				CIE Requirement	N																																																	
The Traffic Signal Maintenance Shop and Traffic Management Center use sophisticated equipment, both centrally located and in the field to keep traffic moving safely and efficiently. That equipment has a limited lifespan and needs to be repaired or replaced on a regular basis. Replacement is driven both by devices ceasing to operate or becoming unreliable due to wear and tear or unserviceable because the manufacturer no longer provides hardware and software support.				CONTACT: Chris Cairns	4072462703																																																	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS																																																		
Signal Equipment				SERVICE AREA																																																		
- Pedestrian LED countdown signals: the City has approximately 1400 of these devices, many of which were installed nearly 10 years ago. Assume 5 year life span, \$125 per unit = \$35,000 per year				Citywide																																																		
- CCTV cameras: the City has nearly 100 CCTV cameras used to monitor traffic flow. Many of these are aging and the manufacture provides limited repair and support services. Transportation Engineering is continuing to add cameras to critical locations. Assuming 5 year useful life, \$3000 repair cost = \$60,000 per year				LOCATION																																																		
- Dynamic Message Signs (DMS): the City uses a number of large (7) and small (3) arterial DMS to provide information to drivers, primarily traveling to downtown venues like the Amway Center. These signs and control electronics are showing their age and will need to be replaced				ORLANDO																																																		
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																						
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>	Curry Ford Road																																												
3001	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	\$0	\$0	\$1,500,000																																													
<b>ALL</b>	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	\$0	\$0	\$1,500,000																																													
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PROJECT COST BY PHASE			IMPACT ON OPERATING COST (+-)																																																			
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TYPE OF SERVICE:	Transportation	PROJECT NUMBER:	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																				
DEPARTMENT:	TRANSPORTATION DEPT.	19-TSP-001	Virginia Drive Improvements							TSP0060_P	0																																																				
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Existing Deficiency																																																													
PROBLEM IDENTIFICATION OR NEED:																																																															
<p>In 2017, the City approved the Virginia/ Lake Highland Transportation and Land Use Study, which was developed with substantial community input and recommends streetscape improvements and utility improvements for the Virginia Drive corridor. Existing infrastructure is insufficient to serve the increasing number of pedestrians and cyclists in the corridor.</p>																																																															
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																															
<p>Streetscape project to include placing utilities underground, improving sidewalks, adding parkways, landscaping, curb extensions or bulb outs, and bicycle infrastructure. First-year funding is for design. Later year construction costs are estimated, and will be refined once design is complete.</p>																																																															
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																															
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																						
1100	\$0	\$500,000	\$500,000	\$1,000,000	\$0	\$2,000,000	\$0	\$250,000	\$2,250,000																																																						
<b>ALL</b>	\$0	\$500,000	\$500,000	\$1,000,000	\$0	\$2,000,000	\$0	\$250,000	\$2,250,000																																																						
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			Total Annual Income																																																												
<p>CONTACT: Claudia Korobkoff 4072462180</p> <p>REMARKS</p> <p>SERVICE AREA</p> <p>Lake Highland</p> <p>LOCATION</p>																																																															

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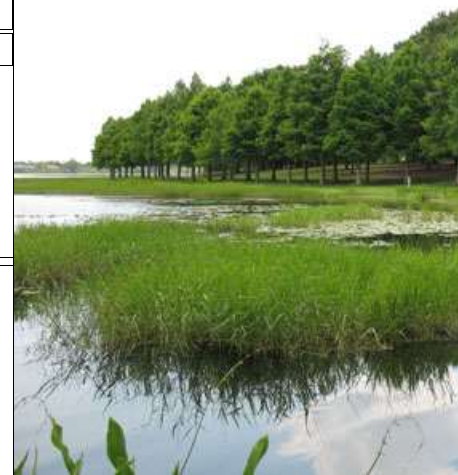
**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For Wastewater**

<b>PROJECT NAME</b>	<b>PROJECT ID</b>	<b>PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL</b>	<b>CIE</b>
Bill Fredrick Park Lift Station Improve	20-WAS-008	3.	0	1,950,000	0	0	0	1,950,000	0	0	1,950,000	N
Conserv I Area Collection System Im	06-344-02	2.12	800,000	2,500,000	2,500,000	2,500,000	3,000,000	11,300,000	9,350,000	600,000	21,250,000	Y
Conserv I Reclaimed Water Storage	07-351-003	4.34	0	0	6,500,000	0	0	6,500,000	0	0	6,500,000	N
Conserv I South Reclaimed Water M	20-WAS-001	2.	100,000	1,900,000	0	0	0	2,000,000	0	0	2,000,000	N
Conserv I Treatment Plant Improvem	19-WAS-005	4.	7,500,000	52,500,000	0	0	0	60,000,000	1,500,000	0	61,500,000	Y
Conserv II Area Collection System I	13-344-001	2.10	0	4,750,000	2,500,000	3,000,000	3,500,000	13,750,000	7,450,000	0	21,200,000	Y
Conserv II Deep Bed Filters	14-352-005	2.	0	0	0	1,400,000	13,000,000	14,400,000	0	0	14,400,000	N
Conserv II Equalization Pumping Stat	16-WAS-006	2.	4,000,000	4,000,000	0	0	0	8,000,000	5,100,000	0	13,100,000	N
Conserv II Press Building Rehab	20-was-002	3.	150,000	0	0	0	0	150,000	0	0	150,000	N
Conserv II Process Improvements an	03-352-002	4.20	0	500,000	2,500,000	0	0	3,000,000	4,850,000	0	7,850,000	N
Conserv II RIB Site 1 & 10 Expansio	12-352-001	2.26	0	4,000,000	0	0	0	4,000,000	4,100,000	0	8,100,000	Y
Conserv II Secondary Weir Washing	20-WAS-003	2.	160,000	0	0	0	0	160,000	0	0	160,000	N
Conserv II Plant Water System Evalu	19-WAS-004	3.	500,000	0	0	0	0	500,000	500,000	0	1,000,000	N
Easterly Wetlands Restoration	13-359-001	2.	0	0	500,000	500,000	0	1,000,000	2,600,000	0	3,600,000	N
Inflow & Infiltration Reduction Project	20-WAS-007	4.	750,000	1,000,000	1,000,000	1,500,000	0	4,250,000	0	0	4,250,000	N
Iron Bridge Area Collection System I	15-WAS-001	2.	0	2,000,000	2,500,000	3,000,000	3,500,000	11,000,000	4,300,000	0	15,300,000	N
Iron Bridge Biosolids Disposal Impro	19-WAS-002	3.	0	5,000,000	0	0	0	5,000,000	500,000	0	5,500,000	N
Iron Bridge DOO1 Flume Modificatio	20-WAS-004	2.	0	200,000	2,000,000	0	0	2,200,000	0	0	2,200,000	N
Iron Bridge Grit System Replacement	15-WAS-003	2.	4,500,000	0	0	0	0	4,500,000	3,100,000	0	7,600,000	N
Iron Bridge Ventilation for Biosolids P	17-WAS-001	1.	500,000	0	0	0	0	500,000	1,000,000	0	1,500,000	N
Lift Station Odor Control	11-354-002	4.21	250,000	250,000	250,000	250,000	250,000	1,250,000	4,000,000	0	5,250,000	N
Lift Station Rehabilitation	07-354-002	3.1	650,000	0	3,000,000	8,000,000	8,000,000	19,650,000	26,000,000	0	45,650,000	N
Lift Station Site Improvements	12-354-001	2.24	250,000	250,000	250,000	250,000	250,000	1,250,000	5,500,000	0	6,750,000	N
Lift Station Underground Rehabilitatio	05-354-001	2.3	1,500,000	1,500,000	1,500,000	1,500,000	0	6,000,000	11,225,000	0	17,225,000	N
Lift Stations Electrical Safety Improv	13-354-001	2.32	1,350,000	4,500,000	2,500,000	2,500,000	2,500,000	13,350,000	4,750,000	0	18,100,000	Y
Lift Stations Emergency Generators	19-WAS-001	2.	2,400,000	2,500,000	2,500,000	2,500,000	0	9,900,000	0	0	9,900,000	Y
Line Sewers	07-344-001	3.18	0	2,000,000	2,000,000	2,000,000	2,000,000	8,000,000	8,250,000	850,000	17,100,000	N
LS1,2,3 and 4 Force Main Evaluation	12-354-002	2.15	0	10,000,000	10,000,000	10,000,000	0	30,000,000	8,800,000	0	38,800,000	N
Rapid Response Construction	08-344-003	3.9	0	2,500,000	2,500,000	3,000,000	0	8,000,000	8,700,000	0	16,700,000	N
Reclaimed Water System Valve Repl	19-WAS-009	3.	1,000,000	0	0	0	0	1,000,000	0	0	1,000,000	N

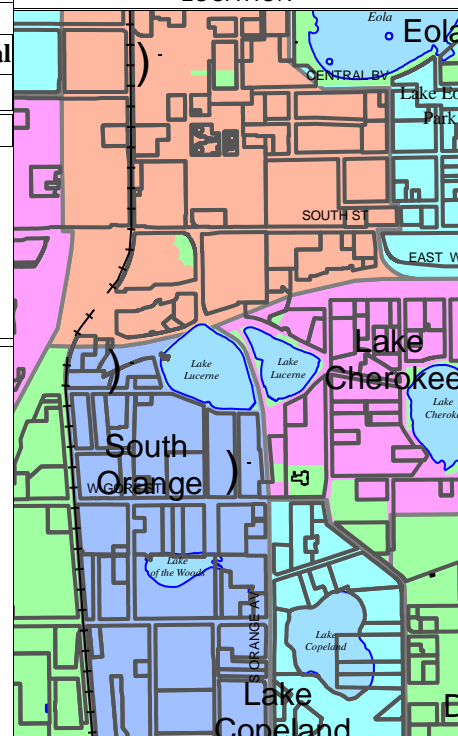
**CITY OF ORLANDO**  
**2020-2024 CAPITAL IMPROVEMENT PROGRAM**  
**Listing For Wastewater**

<b>PROJECT NAME</b>	<b>PROJECT</b>	<b>D PR</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE_YEAR</b>	<b>PRIOR</b>	<b>FUTURE</b>	<b>TOTAL</b>	<b>CIE</b>
Sanitary Service Lateral Rehabilitatio	16-WAS-001	3.	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	5,500,000	1,000,000	0	6,500,000	N
Sanitary System Corrosion Abateme	16-WAS-002	3.	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	3,000,000	0	10,500,000	N
Sanitary upgrades with other projects	16-WAS-003	2.	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	7,000,000	4,000,000	0	11,000,000	N
Sewage Air Release Valve Replace	11-344-006	3.14	0	1,500,000	1,500,000	1,500,000	1,500,000	6,000,000	3,400,000	0	9,400,000	N
<b>TOTAL</b>			\$30,360,000	\$109,300,000	\$50,000,000	47,400,000	\$41,500,000	\$278,560,000	\$132,975,000	\$1,450,000	\$412,985,000	

TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-WAS-008 Bill Fredrick Park Lift Station Improvements							
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED: Lift Stations were constructed in 1977-1978 and needs refurbishing. Includes LS 180, 181, 182, 183, 184, 185.				PROJECT RANKING Department Rating 3. CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Design and construct improvements.				CONTACT: Chuck Schlutz 4072462658					
				REMARKS					
				SERVICE AREA Metrowest					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$1,950,000	\$0	\$0	\$0	\$1,950,000	\$0	\$0	\$1,950,000
<b>ALL</b>	\$0	\$1,950,000	\$0	\$0	\$0	\$1,950,000	\$0	\$0	\$1,950,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE: Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		06-344-02 Conserv I Area Collection System Improvements		CIP0214_P		0			
DIVISION: WASTEWATER		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: The City is experiencing rapid development in the downtown and surrounding areas including high rise office buildings, condominiums, retail establishment and the expansion of Orlando Regional Medical Center. Substantial quantities of additional wastewater flow must be accommodated by the City's sanitary collection system.				Department Rating		2. 12			
				CIE Requirement		Y			
				CONTACT: Charles Shultz		4072462213			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Study and evaluate the extent of the additional sewage flow and plan accordingly for upsizing and replacement.				REMARKS					
				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$800,000	\$2,500,000	\$2,500,000	\$2,500,000	\$3,000,000	\$11,300,000	\$600,000	\$9,350,000	\$21,250,000
<b>ALL</b>	<b>\$800,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$2,500,000</b>	<b>\$3,000,000</b>	<b>\$11,300,000</b>	<b>\$600,000</b>	<b>\$9,350,000</b>	<b>\$21,250,000</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From To							
Study and Evaluate		10/1/2019 9/30/2020		\$450,000					
Construction/CM Costs		10/1/2019 9/30/2020		\$4,500,000					
Design		10/1/2019 9/30/2020		\$500,000					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		07-351-003 Conserv I Reclaimed Water Storage				0				
DIVISION: WASTEWATER		PRIORITY: Future Need/Planned Expansion								
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING						
<p>The Water Conserv I Water Reclamation Facility will be decommissioned within two years. However, some areas of the facility will continue to operate as it receives raw wastewater from the Water Conserv I service area, pumps raw wastewater to Iron Bridge and repumps reclaimed water into the distribution system. One of the process areas that will remain in service is the reclaimed water storage tank which is currently not covered. Additional storage and pumping facilities will also be required to accommodate the increasing demand for reclaimed water in the areas south and east of the Water Conserv I WRF.</p>				Department Rating		4. 34				
				CIE Requirement		N				
				CONTACT: Robert Rutter		4072462573				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS						
<p>The reclaimed water storage tank will be covered to ensure that the quality of the stored water is not compromised. A new reclaimed water pumping and storage facility will be constructed in the Lake Nona area to improve the distribution of reclaimed water to customers in the new developments.</p>				SERVICE AREA						
				SOUTHEAST WASTEWATER SERVICE ARE						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION						
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>	
4106	\$0	\$0	\$6,500,000	\$0	\$0	\$6,500,000	\$0	\$0	\$6,500,000	
<b>ALL</b>	\$0	\$0	\$6,500,000	\$0	\$0	\$6,500,000	\$0	\$0	\$6,500,000	
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+/-)						
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income				
Description		From To								

TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE  0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT	20-WAS-001	Conserv I South Reclaimed Water Main							
DIVISION: WATER RECLAMATION	PRIORITY: Existing Deficiency								
<b>PROBLEM IDENTIFICATION OR NEED:</b> According to a recent hydraulic analysis and flow study, the current 16" reclaimed water line leaving the Conserv I Plant is undersized for current and future demands. This project is needed to meet irrigation demands and adequate pressures in the system in the rapidly growing southeast sector due to the growth in the Lake Nona area. Failure to upsize this pipe will result in low irrigation pressures, unhappy citizens, and potentially damage to landscape plants and sod.				<b>PROJECT RANKING</b> Department Rating            2. CIE Requirement                N  CONTACT: Dan Dashtaki      4072463754  <b>REMARKS</b>          <b>SERVICE AREA</b>  11401 Boggy Creek Rd  <b>LOCATION</b>					
<b>RECOMMENDED SOLUTION (PROJECT DESCRIPTION):</b> Replace existing 16" line with a 36" DIP reclaimed water main for approximately 2 miles of pipeline exiting Conserv I									
<b>PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR</b>									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$100,000	\$1,900,000	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000
<b>ALL</b>	\$100,000	\$1,900,000	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000
<b>PROJECT COST BY PHASE</b>					<b>IMPACT ON OPERATING COST (+-)</b>				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE:					
Total Annual Income									





TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		19-WAS-005 Conserv I Treatment Plant Improvements		CIP0234_P		0			
DIVISION: WASTEWATER PROCESS/OPERATIO		PRIORITY: Future Need/Planned Expansion		PROJECT RANKING Department Rating 4. CIE Requirement					
PROBLEM IDENTIFICATION OR NEED: The facility is currently permitted to process 7.5 MGD at secondary standards. The facility needs to be upgraded to 10 MGD and AWT standards to meet growing needs of the service area and the discharge requirements of the Florida Department of Environmental Protection.									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): The Water Conserv I facility is over 30 years old and is in need of a complete rehabilitation. The service area is continuing to grow which requires us to expand the capacity of the facility. All of these improvements must be made to maintain compliance with our FDEP permit.				CONTACT: Steve Shelnett 4072464119					
				REMARKS					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$24,000,000	\$0	\$0	\$0	\$24,000,000	\$0	\$1,500,000	\$25,500,000
4110	\$7,500,000	\$28,500,000	\$0	\$0	\$0	\$36,000,000	\$0	\$0	\$36,000,000
<b>ALL</b>	<b>\$7,500,000</b>	<b>\$52,500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$60,000,000</b>	<b>\$0</b>	<b>\$1,500,000</b>	<b>\$61,500,000</b>
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																						
DEPARTMENT: PUBLIC WORKS DEPARTMENT		13-344-001 Conserv II Area Collection System Improvements		CIP0059_P		0																																						
DIVISION: WASTEWATER		PRIORITY: Existing Deficiency		PROJECT RANKING																																								
PROBLEM IDENTIFICATION OR NEED: The Wastewater Division has removed extensive amounts of sand and grit from the large diameter gravity pipe that conveys wastewater to the Conserv II WRF. The amount of sand and grit removed from the pipe indicates that the upstream collection system has defective piping, which allows sand into the system, reduces pipe flow capacity, and could cause roadway depressions/subsidence. The Conserv II Collection System includes over 350 miles of piping and 36 square miles in area.				Department Rating 2. 10																																								
				CIE Requirement Y																																								
				CONTACT: Chuck Shultz 4072462658																																								
				REMARKS																																								
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): The solution is to keep the sand and grit out of the collection system to prevent damage to plant equipment and maintain capacity in both the collection system and plant.				SERVICE AREA																																								
				Southwest Orlando																																								
				LOCATION																																								
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																												
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																			
4106	\$0	\$4,750,000	\$2,500,000	\$3,000,000	\$3,500,000	\$13,750,000	\$0	\$7,450,000	\$21,200,000																																			
<b>ALL</b>	\$0	\$4,750,000	\$2,500,000	\$3,000,000	\$3,500,000	\$13,750,000	\$0	\$7,450,000	\$21,200,000																																			
<table border="1"> <thead> <tr> <th colspan="5">PROJECT COST BY PHASE</th> <th colspan="5">IMPACT ON OPERATING COST (+-)</th> </tr> <tr> <th colspan="2">Project Phasing</th> <th colspan="2">Estimated Time</th> <th>Estimated Cost</th> <th colspan="5" rowspan="2"> Salaries, Wages, Benefits  Operating Costs  Other Capital Costs  Total Annual Operating Costs:   SOURCE:  Total Annual Income </th> </tr> <tr> <th colspan="2">Description</th> <th>From</th> <th>To</th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="5" style="height: 100px;"></td> <td colspan="5"></td> </tr> </tbody> </table>										PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)					Project Phasing		Estimated Time		Estimated Cost	Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income					Description		From	To											
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)																																							
Project Phasing		Estimated Time		Estimated Cost	Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income																																							
Description		From	To																																									



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																		
DEPARTMENT: PUBLIC WORKS DEPARTMENT		14-352-005 Conserv II Deep Bed Filters		CIP0190_P		0																																		
DIVISION: WASTEWATER		PRIORITY: Existing Deficiency		PROJECT RANKING																																				
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2.																																				
Existing Automatic Backwash (ABW) Filters have been completely rehabed twice in the last 7 years. They have high maintenance cost. Additionally, they meet the current flow requirements of the facility when fully on line but without FDEP required redundancy.				CIE Requirement N																																				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT:																																				
Convert to Deep Bed Filters, after professional evaluation. Deep bed filters have higher flow capacity, lower maintenance, and produce a better quality effluent.				REMARKS																																				
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				SERVICE AREA																																				
Southwest Orlando				LOCATION																																				
<table border="1"> <thead> <tr> <th>FUND</th> <th>2019/20</th> <th>2020/21</th> <th>2021/22</th> <th>2022/23</th> <th>2023/24</th> <th>FIVE YR</th> <th>LATER</th> <th>PRIOR</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>4106</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$1,400,000</td> <td>\$13,000,000</td> <td>\$14,400,000</td> <td>\$0</td> <td>\$0</td> <td>\$14,400,000</td> </tr> <tr> <td><b>ALL</b></td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$1,400,000</td> <td>\$13,000,000</td> <td>\$14,400,000</td> <td>\$0</td> <td>\$0</td> <td>\$14,400,000</td> </tr> </tbody> </table>										FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total	4106	\$0	\$0	\$0	\$1,400,000	\$13,000,000	\$14,400,000	\$0	\$0	\$14,400,000	<b>ALL</b>	\$0	\$0	\$0	\$1,400,000	\$13,000,000	\$14,400,000	\$0	\$0	\$14,400,000	
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																															
4106	\$0	\$0	\$0	\$1,400,000	\$13,000,000	\$14,400,000	\$0	\$0	\$14,400,000																															
<b>ALL</b>	\$0	\$0	\$0	\$1,400,000	\$13,000,000	\$14,400,000	\$0	\$0	\$14,400,000																															
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)																																			
Project Phasing		Estimated Time		Estimated Cost	Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income																																			
Description		From	To																																					

TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		16-WAS-006 Conserv II Equalization Pumping Station Rehab		CIP0199_P		0			
DIVISION: WASTEWATER PROCESS/OPERATIO		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: Three equalization pump station pumps are over 10 years old and are at the end of their service life. The ancillary piping and valves are over 20 years old and are beginning to leak. The pump volutes on all 5 pumps have become worn and have reduced pumping capacity. The equalization pump station is in continuous use. A majority of the equipment has passed its service life and is approaching its end of useful life.				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Steve Shelnett 4072464119					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Evaluate and issue a PDR for the equalization pump station in FY2016/17. The station rehab will begin in FY 2017-18.				REMARKS Project name - Water Conserv II Equalization Pumping Station Rehabilitation					
				SERVICE AREA Southwest Orlando					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$4,000,000	\$4,000,000	\$0	\$0	\$0	\$8,000,000	\$0	\$5,100,000	\$13,100,000
<b>ALL</b>	\$4,000,000	\$4,000,000	\$0	\$0	\$0	\$8,000,000	\$0	\$5,100,000	\$13,100,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																
DEPARTMENT: PUBLIC WORKS DEPARTMENT		19-WAS-004 Conserv II Plant Water System Evaluation		CIP0235_P		0																																
DIVISION: WASTEWATER PROCESS/OPERATIO		PRIORITY: Repair / Replacement		PROJECT RANKING																																		
PROBLEM IDENTIFICATION OR NEED:				Department Rating 3.																																		
There are between 20 and 30 existing isolation valves on the plant water system that have failed. When a leak occurs on the system a plant shutdown is required to complete repairs.				CIE Requirement																																		
				CONTACT: Steve Shelnett 4072464119																																		
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS																																		
Evaluate system for correct location of existing and future needed valves. Repair existing valves and install additional valves as needed.				SERVICE AREA																																		
				CITYWIDE																																		
				LOCATION																																		
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																						
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																													
4106	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000	\$1,000,000																													
<b>ALL</b>	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000	\$1,000,000																													
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PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)																																	
Project Phasing		Estimated Time		Estimated Cost	Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income																																	
Description		From	To																																			



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-was-002 Conserv II Press Building Rehab							
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED: The 4 existing restrooms are 26 years old. The fixtures are corroded and need of replacement. Old lockers need to be removed and not replaced. Based on inspection of exposed plumbing in the building, most of the vent piping needs repalcing.				PROJECT RANKING Department Rating 3. CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Rehab all 4 bathrooms.				CONTACT: Steve Shelnett 4072464119					
				REMARKS					
				SERVICE AREA					
				5420 L.B. Mcleod Rd					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000
<b>ALL</b>	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0	\$0	\$150,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE							
DEPARTMENT: PUBLIC WORKS DEPARTMENT		03-352-002 Conserv II Process Improvements and Upgrades		CIP0063_P		0							
DIVISION: WASTEWATER		PRIORITY: Future Need/Planned Expansion		PROJECT RANKING									
PROBLEM IDENTIFICATION OR NEED:				Department Rating 4. 20									
The permitted capacity of the Conserv II WRF has been reduced from 25 mgd to 21 mgd pending completion and stress testing of Phase I improvements that began in December 2011. Once the improvements have been completed, stress testing will determine the scope of modifications necessary to rerate the WRF to 25 mgd. In addition the Conserv II WRF could be impacted by OUC's Project RENEW. RENEW could cause the diversion of up to 9.2 mgd of raw wastewater to the WRF resulting in the need for up to 25.75 mgd capacity at the Conserv II WRF.				CIE Requirement N									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Bob Rutter 4072462531									
Possible improvements to the Conserv II WRF include conversion of the primary clarifiers to anoxic reactors for nitrogen removal and installation of mixers and baffles in bioreactors to enhance treatment performance. This project does not include improvements to expand capacity of the Conserv II WRF beyond 25 mgd to accommodate RENEW.				REMARKS									
SERVICE AREA				WESTERN WASTEWATER SERVICE AREA									
LOCATION													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>					<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>
4106	\$0	\$500,000	\$2,500,000	\$0	\$0	\$3,000,000	\$0	\$4,850,000	\$7,850,000				
<b>ALL</b>	\$0	\$500,000	\$2,500,000	\$0	\$0	\$3,000,000	\$0	\$4,850,000	\$7,850,000				
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)								
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income							
Description		From To											
Construction/CM costs		10/1/2020 9/30/2021		\$6,000,000									
Design/PM costs		10/1/2020 9/30/2021		\$600,000									



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		12-352-001 Conserv II RIB Site 1 & 10 Expansion							
DIVISION: WASTEWATER		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED: As part of the permit renewal for the Conserv II Distribution Center, the FDEP permitted the expansion of rapid infiltration basin (RIB) Sites. Improvements at RIB Sites 1 & 10 need to be started before expiration of the current permit or permitting of those sites will be reopened with the FDEP.				PROJECT RANKING Department Rating 2. 26 CIE Requirement Y					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): This project will provide a total capacity of 8.3 mgd AADF of RIB capacity including gopher tortoise relocation, construction of RIBs, reclaimed water distribution system, access roads, and groundwater monitoring system.				CONTACT: Paul Deuel 4072462213					
				REMARKS					
				SERVICE AREA Southwest Orlando					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$4,000,000	\$0	\$0	\$0	\$4,000,000	\$0	\$4,100,000	\$8,100,000
<b>ALL</b>	\$0	\$4,000,000	\$0	\$0	\$0	\$4,000,000	\$0	\$4,100,000	\$8,100,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					





TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-WAS-003 Conserv II Secondary Weir Washing Device Installed							
DIVISION: WATER RECLAMATION		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED: There is typical algae growth on the Effluent Weirs of the Secondary Clarifiers. It is a continuous labor intensive effort to keep the weir free of the growth. It is in an area that is inspected on both FDEP and EPA inspection visits and is a housekeeping requirement. In addition it is a traditional and popular destination on all plant tours.				PROJECT RANKING Department Rating 2. CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Secure a contract to purchase and install an appropriate weir washing device.				CONTACT: Steve Shelnett 4072464119					
				REMARKS					
				SERVICE AREA					
				5420 L.B. Mcleod Rd					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>
4106	\$160,000	\$0	\$0	\$0	\$0	\$160,000	\$0	\$0	\$160,000
<b>ALL</b>	<b>\$160,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$160,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$160,000</b>
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits				\$0	
				Operating Costs				\$0	
				Other Capital Costs				\$0	
				Total Annual Operating Costs:				\$0	
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		13-359-001 Easterly Wetlands Restoration		CIP0161_P		0			
DIVISION: WASTEWATER		PRIORITY: Existing Deficiency		PROJECT RANKING Department Rating 2. CIE Requirement N  CONTACT: Mark Sees 4079486131  REMARKS Project 2973          SERVICE AREA East Orlando  LOCATION					
PROBLEM IDENTIFICATION OR NEED:									
The wetlands remove nutrients from reclaimed water discharges by incorporating them into organic biomass. The biomass is ultimately deposited at the bottom of the treatment cells and can lead to impaired water quality.									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
To prevent poor water quality and to meet all State and Federal standards, periodic maintenance of wetland cells is needed. Routine demucking of the accumulated organic debris and sediments must occur. Failure to remove this buildup leads to loss of water quality and hydraulic capacity.									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$0	\$500,000	\$500,000	\$0	\$1,000,000	\$0	\$2,600,000	\$3,600,000
<b>ALL</b>	\$0	\$0	\$500,000	\$500,000	\$0	\$1,000,000	\$0	\$2,600,000	\$3,600,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-WAS-007 Inflow & Infiltration Reduction Project				0			
DIVISION: WATER RECLAMATION		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
Project aimed at reducing the total volume of flow being conveyed to the City of Orlando's Wastewater Treatment Facility. The flow reduction focuses on wet weather related storm water inflow that enters the wastewater collection system. Another focus relates to reducing the volume of total groundwater infiltration that enters the collection system during both dry and wet weather periods.				Department Rating		4.			
				CIE Requirement		N			
				CONTACT: Chuck Schultz		4072462658			
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
The overall goals of this project will be to identify storm water inflow and groundwater infiltration sources that are contributing to the highest levels of extraneous flow and necessary steps to cost effectively remediate them.				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$750,000	\$1,000,000	\$1,000,000	\$1,500,000	\$0	\$4,250,000	\$0	\$0	\$4,250,000
<b>ALL</b>	<b>\$750,000</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$4,250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,250,000</b>
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		15-WAS-001 Iron Bridge Area Collection System Improvements		CIP0176_P		0			
DIVISION: WASTEWATER ENGINEERING/MAINT		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: The City undertook a "desktop" evaluation of the Lift Station 3 collections system piping. The evaluation recommended that the City continue to monitor, inspect, evaluate and implement improvements to the collection system. Also through that "desktop" evaluation a sewer system improvement implementation plan was developed.				Department Rating		2.			
				CIE Requirement		N			
				CONTACT: Chuck Shultz		4072462658			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): The Lift Station 3 Collection System Piping project is implementation of capital improvements that are required to maintain the system.				REMARKS					
				SERVICE AREA					
				Citywide					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$2,000,000	\$2,500,000	\$3,000,000	\$3,500,000	\$11,000,000	\$0	\$4,300,000	\$15,300,000
<b>ALL</b>	\$0	\$2,000,000	\$2,500,000	\$3,000,000	\$3,500,000	\$11,000,000	\$0	\$4,300,000	\$15,300,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					
 									

TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		19-WAS-002 Iron Bridge Biosolids Disposal Improvements		CIP0236_P		0																																			
DIVISION: WASTEWATER PROCESS/OPERATIO		PRIORITY: Repair / Replacement		PROJECT RANKING																																					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 3.																																					
Effective and predictable disposal of biosolids is necessary to operate a water reclamation facility. Due to changing regulations it has disadvantageous to produce a Class B cake for disposal, as locations to dispose of these products have become scarcer. The City would like to explore options for producing a Class AEQ (fertilizer grade) product for biosolids at the Iron Bridge facility, which will provide many more options for disposal.				CIE Requirement																																					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Robert Rang 3217658013																																					
The solution is to explore options for different ways to produce Class AEQ biosolids, which may include a Bioset system, similar to the one recently installed at Conserv II.				REMARKS																																					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				SERVICE AREA																																					
CITYWIDE				LOCATION																																					
<table border="1"> <thead> <tr> <th>FUND</th> <th>2019/20</th> <th>2020/21</th> <th>2021/22</th> <th>2022/23</th> <th>2023/24</th> <th>FIVE YR</th> <th>LATER</th> <th>PRIOR</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>4106</td> <td>\$0</td> <td>\$5,000,000</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$5,000,000</td> <td>\$0</td> <td>\$500,000</td> <td>\$5,500,000</td> </tr> <tr> <td><b>ALL</b></td> <td>\$0</td> <td>\$5,000,000</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$5,000,000</td> <td>\$0</td> <td>\$500,000</td> <td>\$5,500,000</td> </tr> </tbody> </table>										FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total	4106	\$0	\$5,000,000	\$0	\$0	\$0	\$5,000,000	\$0	\$500,000	\$5,500,000	<b>ALL</b>	\$0	\$5,000,000	\$0	\$0	\$0	\$5,000,000	\$0	\$500,000	\$5,500,000		
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																
4106	\$0	\$5,000,000	\$0	\$0	\$0	\$5,000,000	\$0	\$500,000	\$5,500,000																																
<b>ALL</b>	\$0	\$5,000,000	\$0	\$0	\$0	\$5,000,000	\$0	\$500,000	\$5,500,000																																
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)																																				
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income																																			
Description		From To																																							
																																									

TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-WAS-004 Iron Bridge DOO1 Flume Modification							
DIVISION: WATER RECLAMATION		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED: The concrete sections of the DOO1 effluent flume to the Little Econlockhatchee River are shifting due to periodic flooding and the underground hydrologic conditions. As the sections shift, the caulking which seals each section fails allowing for increased underground erosion which further compounds the problem. The joints need to stay sealed to prevent a catastrophic failure of the flume.				PROJECT RANKING Department Rating 2. CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Place a pipe in the flume to transmit effluent and bury it.				CONTACT: Robert Rang 3217658013					
				REMARKS					
				SERVICE AREA					
				5420 L.B. Mcleod Rd					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$200,000	\$2,000,000	\$0	\$0	\$2,200,000	\$0	\$0	\$2,200,000
<b>ALL</b>	\$0	\$200,000	\$2,000,000	\$0	\$0	\$2,200,000	\$0	\$0	\$2,200,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits		\$0			
				Operating Costs		\$0			
				Other Capital Costs		\$0			
				Total Annual Operating Costs:		\$0			
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		15-WAS-003 Iron Bridge Grit System Replacement		CIP0173_P		0			
DIVISION: WASTEWATER PROCESS/OPERATIO		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2.					
The Iron Bridge RWRf grit removal system is over 30 years old and is ineffective at removing the grit that enters the facility from the collection system. As grit builds up in the tanks of the facility it reduces the capacity of the tank which ultimately inhibits our ability to treat the wastewater entering the facility to the required FDEP permit standards. It also wears out the down stream equipment prematurely.				CIE Requirement N					
				CONTACT: Robert Rang		3212290065		REMARKS	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA					
The solution is to design and install a system to remove grit, sand, and other deleterious material from entering the system which could reduce capacity of the plant and damage or clutter pumps.				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$4,500,000	\$0	\$0	\$0	\$0	\$4,500,000	\$0	\$3,100,000	\$7,600,000
<b>ALL</b>	\$4,500,000	\$0	\$0	\$0	\$0	\$4,500,000	\$0	\$3,100,000	\$7,600,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		17-WAS-001 Iron Bridge Ventilation for Biosolids Press Room		CIP0221_P		0			
DIVISION: WATER RECLAMATION		PRIORITY: Critical Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 1.					
Lack of air exchanges is causing condensation and corrosion in the press room. The roof and equipment in the building are metal and to extend the life of the roof and all the equipment in the room. Water damage to these critical components would wreak havoc on this critical equipment.				CIE Requirement N					
				CONTACT: Robert Rang		3217658018			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
Design and build a ventilation system to protect the building and equipment without causing odor issues.				SERVICE AREA					
				Citywide					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$1,000,000	\$1,500,000
<b>ALL</b>	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$1,000,000	\$1,500,000
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			



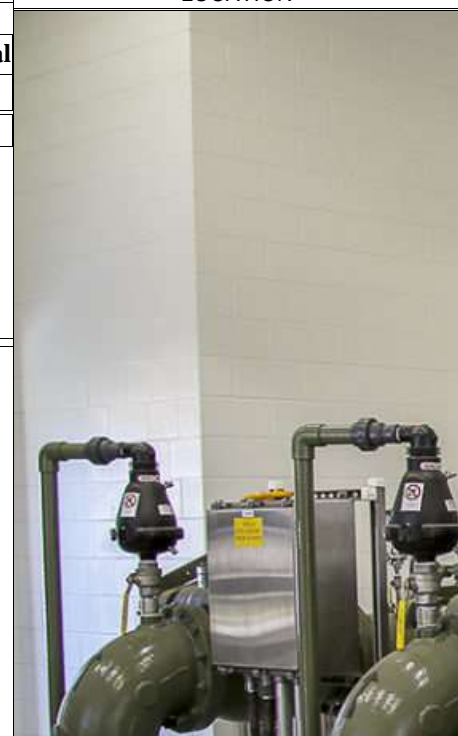
TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		11-354-002 Lift Station Odor Control		CIP0177_P		0			
DIVISION: WASTEWATER ENGINEERING/MAINT		PRIORITY: Future Need/Planned Expansion		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: Hydrogen sulfide creates unpleasant odors at the lift stations and also creates a corrosive environment inside of the sanitary collection system, which deteriorates the piping and structures. Initially address Lift Stations 3, 45, 138, 248.				Department Rating		4. 21			
				CIE Requirement		N			
				CONTACT: Charles Shultz		4072462658			
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Evaluate the hydrogen sulfide and odor control technologies and provide gaseous odor control systems at lift stations that exhibit odor problems.				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$0	\$4,000,000	\$5,250,000
<b>ALL</b>	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$0	\$4,000,000	\$5,250,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																																							
DEPARTMENT: PUBLIC WORKS DEPARTMENT		07-354-002 Lift Station Rehabilitation		CIP0103_P		0																																																							
DIVISION: WASTEWATER		PRIORITY: Repair / Replacement		PROJECT RANKING																																																									
PROBLEM IDENTIFICATION OR NEED:				Department Rating 3. 1																																																									
<p>Many of the City's wastewater lift stations are over 20 years old and are deteriorating and declining in reliability and efficiency. Lift Station 2 is over 50 years old and needs replacing. Lift Station 85 is over 40 years old and needs replacement. The lift stations are essential to the transportation of wastewater to our treatment facilities. They must be periodically upgraded to replace deteriorating equipment and structures or to accommodate increased wastewater flows. In most cases, the rehabilitation involves the replacement of pumps, motors and controls, but in some cases new wet wells or other structures are required.</p>				CIE Requirement N																																																									
				CONTACT: Robert Rutter 4072462573																																																									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS																																																									
<p>The first phase of the lift station rehabilitation program will address Lift Station #'s 1, 2, 3, 5, 7, 30,45, 83, 85, 181, 182, 183, 184,185, 248 and 249.</p>				<p>Total Project costs are \$5,000,000. The remaining\$ 3,750,000 will be funded using SRF funds once they are received.</p>																																																									
				<p>For FY16/17: Total project cost is \$10M with 85% funded by SRF and 15% by City. This request represents the City's portion of the funding.</p>																																																									
				SERVICE AREA																																																									
				CITYWIDE																																																									
				LOCATION																																																									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																													
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																				
4106	\$650,000	\$0	\$3,000,000	\$8,000,000	\$8,000,000	\$19,650,000	\$0	\$26,000,000	\$45,650,000																																																				
<b>ALL</b>	<b>\$650,000</b>	<b>\$0</b>	<b>\$3,000,000</b>	<b>\$8,000,000</b>	<b>\$8,000,000</b>	<b>\$19,650,000</b>	<b>\$0</b>	<b>\$26,000,000</b>	<b>\$45,650,000</b>																																																				
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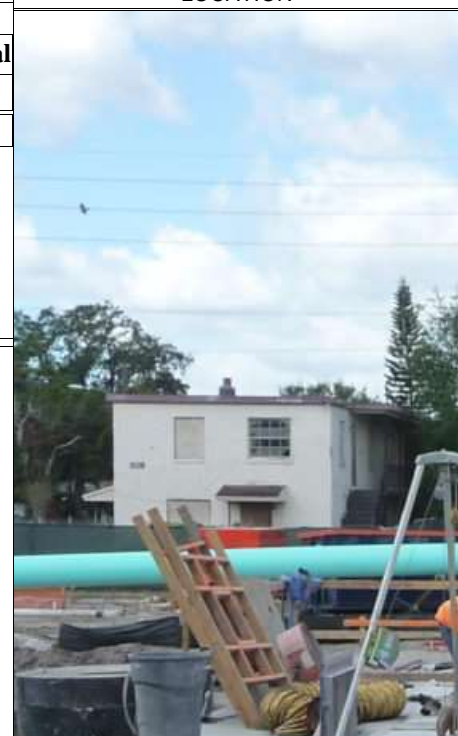
TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		12-354-001 Lift Station Site Improvements		CIP0119_P		0			
DIVISION: WASTEWATER		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 24					
<p>The City owns and operates over 200 sanitary lift stations. The majority are duplex (2 pumps) submersible stations that are located on small parcels of land (less than 1/8 acre). The lift stations typically have asphalt or compacted soil access drive, rail road timbers, which serve as curbing, and stone covering the ground for erosion control. Over time, the asphalt, timbers, and stone need replacement or upgrading. This project will make improvements to those sites that are in most need.</p>				CIE Requirement N					
				CONTACT: Chuck Shultz 4072462658					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
				Replace asphalt, timbers, soil as needed.					
				SERVICE AREA					
				CITYWIDE					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
<b>FUND</b>	<b>2019/20</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>FIVE YR</b>	<b>LATER</b>	<b>PRIOR</b>	<b>Total</b>
4107	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$0	\$5,500,000	\$6,750,000
<b>ALL</b>	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$0	\$5,500,000	\$6,750,000
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																																									
DEPARTMENT: PUBLIC WORKS DEPARTMENT		05-354-001 Lift Station Underground Rehabilitation		CIP0071_P		0																																																									
DIVISION: WASTEWATER		PRIORITY: Existing Deficiency		PROJECT RANKING																																																											
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 3																																																											
The City of Orlando Lift Stations section currently maintains over 210 wastewater lift stations located throughout the City. Numerous lift stations are underground stations that were installed between 1955 and 1968. The stations range from 15-25 feet deep. These underground stations have to be entered through a "man way" by means of a vertical ladder. These stations are becoming obsolete, making it difficult to obtain parts. This type of lift station is also considered a permit-required confined space. Per safety regulations, in order to enter confined space permitted areas, a two-man crew, fall protection and gas monitor are required. Lift Station employees must enter these areas for inspections and maintenance.				CIE Requirement N																																																											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Hector Sanchez 3212290296																																																											
Install guide rail mounted submersible pumps in the existing wet wells, install accessible valve vaults, new valves, abandon and demolish the existing "underground can stations". The new equipment will ensure the reliability of sewer service and eliminate the safety hazard and liability associated with entering confined spaces.				REMARKS																																																											
				SERVICE AREA																																																											
				CITYWIDE																																																											
				LOCATION																																																											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																															
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																						
4107	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$0	\$6,000,000	\$0	\$11,225,000	\$17,225,000																																																						
<b>ALL</b>	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$0	\$6,000,000	\$0	\$11,225,000	\$17,225,000																																																						
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TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		13-354-001 Lift Stations Electrical Safety Improvements		CIP0178_P		0			
DIVISION: WASTEWATER		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 32					
<p>The Wastewater Division is implementing a program to align the Divisions electrical practices with the National Fire Protection Association 70E. One of the deficiencies identified is that approximately 30 of the lift station electrical panels do not comply with NFPA 70E. Therefore, replacement of the panels is proposed to create a safer work environment at the lift stations. LS 76, 84, 109, 118, 125, and 150 are in need of electrical upgrades and generators.</p>				CIE Requirement Y					
				CONTACT: Chuck Shultz 4072462658					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
<p>Replace the deficient panels to comply with NFPA 70E in accordance with current lift station standards. Design and construct the upgrades.</p>				SERVICE AREA					
				CITYWIDE					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$1,350,000	\$4,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$13,350,000	\$0	\$4,750,000	\$18,100,000
<b>ALL</b>	\$1,350,000	\$4,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$13,350,000	\$0	\$4,750,000	\$18,100,000
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		19-WAS-001 Lift Stations Emergency Generators		CIP0217_P		0			
DIVISION: WASTEWATER ENGINEERING/MAINT		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2.					
To provide emergency electrical power to sanitary Lift Stations during emergency (e.g. hurricane) and normal power outages. After the 2017 Hurricane, the Division embarked on a program to install emergency generators and all City lift stations (if practical). There are still about 125 lift stations without generators. This project addresses that need, and are starting with lift stations LS-59 (Sheehan), LS-61 (Hill), LS-73 (Stuart), LS-83 (Stuart), LS-94 (Ortiz), LS-126 (Gray), and LS-129 (Gray).				CIE Requirement					
				CONTACT: Charles Shultz 4072462658					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
Install emergency generators at Lift Station				SERVICE AREA					
				Citywide					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$2,400,000	\$2,500,000	\$2,500,000	\$2,500,000	\$0	\$9,900,000	\$0	\$0	\$9,900,000
<b>ALL</b>	\$2,400,000	\$2,500,000	\$2,500,000	\$2,500,000	\$0	\$9,900,000	\$0	\$0	\$9,900,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From	To						





TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		07-344-001 Line Sewers		CIP0105_P		0			
DIVISION: WASTEWATER		PRIORITY: Repair / Replacement		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 3. 18					
Some of the City's wastewater collection system consists of concrete pipes that were installed many years ago. Over time, the concrete sewers have deteriorated and may have shifted due to poor installation. Our modern sewers are constructed with PVC pipe because it is immune to deterioration from sulfide, it has superior joints that limit leakage and it is relatively easy to install. In addition, some of the concrete pipes may be relined to eliminate deteriorated pipe or to correct some misalignment.				CIE Requirement N					
				CONTACT: Charles Shultz		4072462213			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
The Wastewater Division is implementing a program to replace or reline concrete sewers to address misaligned pipe, deteriorated pipe or leaking joints.				SERVICE AREA					
				CITYWIDE					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,000,000	\$850,000	\$8,250,000	\$17,100,000
<b>ALL</b>	\$0	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$8,000,000	\$850,000	\$8,250,000	\$17,100,000
PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)					
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		12-354-002 LS1,2,3 and 4 Force Main Evaluation		CIP0135_P		0			
DIVISION: WASTEWATER		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2. 15					
Lift Station 2 & 3 serve the northwest area of downtown Orlando, to include Florida Hospital South. Sections of the force main are more than 50 years old and sections of the force main run down the north side of Colonial Drive, from Crystal Lake Drive to Bennett Road. The condition of the force main and a possible second force main should be investigated.				CIE Requirement N					
				CONTACT: Chuck Shultz 4072462658					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
				Investigate means of determining the force main condition and alternate force main routes.					
				SERVICE AREA					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$10,000,000	\$10,000,000	\$10,000,000	\$0	\$30,000,000	\$0	\$8,800,000	\$38,800,000
<b>ALL</b>	\$0	\$10,000,000	\$10,000,000	\$10,000,000	\$0	\$30,000,000	\$0	\$8,800,000	\$38,800,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To		Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					





TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																
DEPARTMENT: PUBLIC WORKS DEPARTMENT		08-344-003 Rapid Response Construction		CIP0055_P		0																																
DIVISION: WASTEWATER		PRIORITY: Repair / Replacement		PROJECT RANKING																																		
PROBLEM IDENTIFICATION OR NEED:				Department Rating 3. 9																																		
From time to time, repair or replacement of wastewater infrastructure is required to be performed on an emergency or timely basis that prevents the conventional design, bid, construct process.				CIE Requirement N																																		
				CONTACT: Charles Shultz 4072462213																																		
				REMARKS																																		
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				SERVICE AREA																																		
Projects that must be completed under deadlines that prevent typical design, bid, construct procedures will be performed by pre-qualified firms under "Rapid Response" contracts that are authorized by the Director of Public Works.				CITYWIDE																																		
				LOCATION																																		
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																						
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																													
4106	\$0	\$2,500,000	\$2,500,000	\$3,000,000	\$0	\$8,000,000	\$0	\$8,700,000	\$16,700,000																													
<b>ALL</b>	\$0	\$2,500,000	\$2,500,000	\$3,000,000	\$0	\$8,000,000	\$0	\$8,700,000	\$16,700,000																													
<table border="1"> <thead> <tr> <th colspan="5">PROJECT COST BY PHASE</th> <th colspan="5">IMPACT ON OPERATING COST (+-)</th> </tr> <tr> <th colspan="2">Project Phasing</th> <th colspan="2">Estimated Time</th> <th>Estimated Cost</th> <th colspan="5" rowspan="2"> Salaries, Wages, Benefits  Operating Costs  Other Capital Costs  Total Annual Operating Costs:   SOURCE:  Total Annual Income </th> </tr> <tr> <th>Description</th> <th>From</th> <th>To</th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="5" style="height: 100px;"></td> </tr> </tbody> </table>										PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)					Project Phasing		Estimated Time		Estimated Cost	Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income					Description	From	To						
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)																																	
Project Phasing		Estimated Time		Estimated Cost	Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income																																	
Description	From	To																																				



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #	PAGE 0				
DEPARTMENT: PUBLIC WORKS DEPARTMENT		19-WAS-009 Reclaimed Water System Valve Replacements							
DIVISION: WASTEWATER		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED: Older valves within the reclaimed water system no longer seal properly and therefore do not isolate the main line and some do not operate at all. A select key valves have been identified to repair or replace.				PROJECT RANKING Department Rating 3. CIE Requirement N					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Repair or replace six 12", five 16", ten 24", and two 30" valves				CONTACT: Jeff Collins 4072463304					
				REMARKS					
				SERVICE AREA					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
<b>ALL</b>	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From	To						



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE																																																									
DEPARTMENT: PUBLIC WORKS DEPARTMENT		16-WAS-001 Sanitary Service Lateral Rehabilitation		CIP0200_P		0																																																									
DIVISION: WASTEWATER ENGINEERING/MAINT		PRIORITY: Repair / Replacement		PROJECT RANKING																																																											
PROBLEM IDENTIFICATION OR NEED: As the sanitary sewer system ages the service laterals also need repair or replacement. Point repairs of laterals or CIIP lining of laterals is a large part of the SEM emergency work.				Department Rating		3.																																																									
				CIE Requirement		N																																																									
				CONTACT: Charles Shultz		4072462658																																																									
				REMARKS																																																											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Investigate areas of high lateral failure and rehabilitate the laterals in a systematic method/project(s).				SERVICE AREA																																																											
				LOCATION																																																											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																															
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total																																																						
4106	\$1,500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,500,000	\$0	\$1,000,000	\$6,500,000																																																						
<b>ALL</b>	\$1,500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,500,000	\$0	\$1,000,000	\$6,500,000																																																						
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PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+/-)																																																											
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TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		16-WAS-002 Sanitary System Corrosion Abatement		CIP0201_P		0			
DIVISION: WASTEWATER ENGINEERING/MAINT		PRIORITY: Repair / Replacement		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: The existing sanitary system includes concrete pipe, manholes, and structure that can corrode, degrade and fail over time.				Department Rating		3.			
				CIE Requirement		N			
				CONTACT: Charles Shultz		4072462658			
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Provide projects for the repair or replacement of the concrete pipe and structures with other materials or protective systems.				SERVICE AREA					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000	\$0	\$3,000,000	\$10,500,000
<b>ALL</b>	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000	\$0	\$3,000,000	\$10,500,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To	Salaries, Wages, Benefits					
				Operating Costs					
				Other Capital Costs					
				Total Annual Operating Costs:					
				SOURCE:					
				Total Annual Income					



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		16-WAS-003 Sanitary upgrades with other projects		CIP0202_P		0			
DIVISION: WASTEWATER ENGINEERING/MAINT		PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: Divisions such as Streets and Stormwater, Venues and other entities such as Orange County or FDOT will have projects that are in proximity to or directly affect the sanitary System.				Department Rating		2.			
				CIE Requirement		N			
				CONTACT: Charles Shultz		4072462658			
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Include upgrading of the system where applicable to provide a more cost effective and less intrusive project.				SERVICE AREA					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$1,000,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,000,000	\$0	\$4,000,000	\$11,000,000
<b>ALL</b>	\$1,000,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,000,000	\$0	\$4,000,000	\$11,000,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From	To						



TYPE OF SERVICE: Wastewater		PROJECT NUMBER: PROJECT NAME:		FINANCIAL PROJECT #		PAGE			
DEPARTMENT: PUBLIC WORKS DEPARTMENT		11-344-006 Sewage Air Release Valve Replacement		CIP0114_P		0			
DIVISION: WASTEWATER ENGINEERING/MAINT		PRIORITY: Repair / Replacement		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED: Sewage Air Release Valves (ARVs) are an integral part of the sanitary force main system. The City's force main system has over 200 ARV's. Many of the ARV's are corroding and some are malfunctioning due to the corrosive gases released through the ARV's. Malfunctioning ARV's can cause system over flows, corroding of pipe, and higher pumping costs.				Department Rating		3. 14			
				CIE Requirement		N			
				CONTACT: Charles Shultz		4072462658			
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Provide evaluation and replacement of the ARV's.				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2019/20	2020/21	2021/22	2022/23	2023/24	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000	\$0	\$3,400,000	\$9,400,000
<b>ALL</b>	\$0	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$6,000,000	\$0	\$3,400,000	\$9,400,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs:  SOURCE: Total Annual Income			
Description		From	To						







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