



LAKE NONA

CAPITAL IMPROVEMENT PROGRAM

2022 - 2026

CAPITAL IMPROVEMENT PROGRAM

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CAPITAL IMPROVEMENT PROGRAM

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CAPITAL IMPROVEMENT PROGRAM

INTRODUCTION



Picture caption: Orlando Mayor Buddy Dyer, City Commissioner District 5 Regina Hill, as well as UCF and Valencia College representatives.

The City of Orlando prepares a five-year Capital Improvement Program each year. The five-year Capital Improvement Program process was initiated in 1966, following a Municipal Planning Board recommendation and City Council approval.

The City published its first program in March 1969. On an annual basis thereafter, the City has published, revised, and updated capital programs for each subsequent five-year period.

The Capital Improvement Program includes the next year's approved capital budget and planned capital projects for the subsequent four fiscal years. Those later projects are not funded or approved at this time.

How this Manual is organized

Section I – Introduction: The goal of this section is to orient the reader to the Capital Manual's purpose and organization.

Section II – CIP Development Process & Sources: This section provides an overview of the capital planning process, a calendar outlining the timing of key events in the process, and an example of the project forms used by departments for submitting project information. We also discuss the primary sources of funding for capital projects and provide a breakdown of those sources over the plan period.

Section III – Capital Budget and Plan Overview: Section III begins to give specific information about this year's approved capital projects as well as the tentative plans for later years. We show the total amount approved in the current year capital budget (as well as planned expenditures in later years) by funding source and by service type. Finally, we provide a list of all projects included in the FY22 capital budget.

Section IV – Project Detail Pages: In previous sections we listed projects included in the current year capital budget without any additional detail beyond funding levels. This section provides detailed descriptions of the projects included in the capital budget. Projects are grouped based on whether they are non-recurring or recurring in nature.

Section V – Capital Improvement Element: In this section we identify all projects which contribute toward meeting the City's defined levels of acceptable service to accommodate balanced growth.

Section VI – Prior-Year Capital Budget Changes: After the initial adoption of the capital budget by City Council, there are times when changes need made during the fiscal year. This may be due to emergencies, grant opportunities, opportunities to partner with other entities and so on. This section provides a summary list of all such mid-year actions approved in the prior year after the last Capital Manual was published.



Picture caption: Creative Village



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CIP DEVELOPMENT PROCESS & SOURCES

PROCEDURE

Each year as part of the annual budget process, City departments are required to submit capital project requests for the upcoming year and their estimated needs over the subsequent four years, which after review and revision eventually become the five-year Capital Improvement Plan. The request submissions require a project description, justification, cost estimates, and statement of any impact on the City's annual operating budget. While departments prepare their submissions, the Office of Business and Financial Services works concurrently to determine the amount of funding available for these requests.

After compilation of the requests, project submissions are reviewed by staff members from the Office of Business and Financial Services and the Economic Development Department, as well as the Chief Administrative Officer and the Mayor. Changes are made during these reviews as needed for alignment with City priorities and available funding. Further details on the project criteria, submission forms, as well as specific project information are provided later in this document.

Alongside this Plan development process, the Economic Development Department develops a five-year schedule of capital improvements which are necessary to ensure that any adopted level-of-service standards are achieved and maintained, as required by Chapter 163 of Florida Statutes. This five-year schedule and the level of service standards are established in the Capital Improvements Element (CIE) component of the City's Growth Management Plan. Projects necessary to ensure this standard during the five-year period must be identified as either funded or unfunded, and given a level of priority for funding. City-funded projects which are part of the CIE have been designated as such, and are specifically outlined in the Capital Improvement Element section of this Program.

The first year of the five-year Capital Improvement Plan is effectively the Capital Budget. After any needed changes, the Capital Budget is ultimately adopted by the City Council as part of the adoption of the City's overall annual budget. There is no commitment to expenditures or appropriations beyond the first year of the Capital Improvement Plan, except for those improvements necessitated by the CIE or other requirements. Several months after the Capital Improvement Plan is finalized, the plan itself and other supporting materials are published in this Capital Improvement Program document.

BUDGETARY CHANGES

Budgets exist in a dynamic environment and the City has policies in place to guide requests for budgetary changes throughout the fiscal year. These changes may include amending the adopted project appropriations included in this document.

All requests to amend items incorporated in the annual budget, including appropriations and staffing authority, must be submitted to Management and Budget for appropriate routing and approvals. These requests for action are then routed according to an approval hierarchy established by the City's Budgetary Changes Procedure (Policy 131.1 Chief Administrative Officer - Budgetary Changes Procedure).

The latest policy can be reviewed on the City's website. Requests repurposing existing appropriations within a project can typically be approved internally, whereas changes to total project appropriations require approval by the Budget Review Committee (BRC) and City Council.

CAPITAL IMPROVEMENT PROGRAM

DEFINITION OF CAPITAL IMPROVEMENTS

Capital Improvements are defined as physical or virtual assets, constructed or purchased, that have a minimum cost of \$100,000 and a minimum useful life of three years. Only projects that meet this definition of a capital improvement are included in the program, such as:

- a. New and expanded physical facilities for the community
- b. Large scale rehabilitation or replacement of existing facilities
- c. Major pieces of equipment which have a relatively long period of usefulness
- d. Equipment for any public facility or improvement when first erected or acquired
- e. The cost of engineering or architectural studies and services relative to the improvement
- f. The acquisition of land for a community facility such as a park, highway, sewer line, etc

Normal replacement of vehicles or equipment and normal recurring renovations which are funded in departmental operating budgets and cost less than \$100,000 are generally excluded from the Capital Improvement Program. One exception to this provision is the Technology Enhancement project where the City periodically implements a personal computer replacement program over multiple years and also undertakes similar programs for equipment replacement.

The project listings on the following pages may also contain projects that are less than the \$100,000 threshold. Exceptions will occur for projects where the City contributes only a portion of the total project cost (i.e. Emergency Spill Cleanup), the project contains multiple phases (i.e. Camping World Stadium Improvements, Stormwater Monitoring), or the current year CIP project is the planning phase of a construction project. The entire financing plan along with more detailed project descriptions can be found later in this document, and this plan may group projects by fund or service type, and also note whether the project is part of the CIE described previously.

CAPITAL IMPROVEMENT PROGRAM

PROJECT DESCRIPTION FORM

Capital Improvement Program project requests are submitted using a database that is located on a shared network drive. This allows City Departments to go online and access existing projects and create new projects. Departments can add to, modify and view the projects that were included in the previous years Program. Management and Budget is notified of any projects that can be deleted. Departments have access to this database during the project input timeframe, which generally occurs during the month of March.

Project information is stored in this database in an electronic format. Having this information in a database allows for the printing of reports and description forms in an easy to read format. Reports can be created by various factors such as funding source, function or division/department. The database can be modified, if necessary, to accommodate specific requests or needs.

The database is used to print the detailed project pages provided later in this document. Information is also often exported into a spreadsheet format. An example of a project description form as it would appear in the Capital Improvement Program document is shown below:

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	PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating	1.7				
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.				CIE Requirement	Y				
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 TMC and Event Management Center.				CONTACT: Cade Braud 4072463377					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
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.				Recurring? No					
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.				SERVICE AREA					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				CITYWIDE					
LOCATION									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$800,000	\$3,600,140	\$4,900,140
ALL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$800,000	\$3,600,140	\$4,900,140
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			



Equipment Strategically
Located Citywide

CAPITAL IMPROVEMENT PROGRAM

FY 2021/22 CAPITAL BUDGET CALENDAR

March 3	Distribution of CIP project request packets.
February - March	Project request input with approval and prioritization by Department Directors. Requests must also be reviewed by the Public Works Department and/or Facilities Management to ensure accurate cost information.
March 26	Project request input complete and ready for review by the Office of the CAO and the Office of Business and Financial Services.
March - April	Project review and analysis.
April - May	Recommended CIP schedule for review with Mayor.
July	Public Budget Workshop held with City Council.
August	Economic Development Department reviews recommended CIP for consistency with Growth Management Plan and makes a recommendation to the Municipal Planning Board.
September 13	First public hearing to adopt proposed millage rate, budget and Capital Improvement Program.
September 27	Final public hearing to adopt millage rate, budget and Capital Improvement Program.
October 1	Implementation of adopted budget.
January – March	CIP document published.

CAPITAL IMPROVEMENT PROGRAM

DESCRIPTIONS OF FUNDING SOURCES FOR CAPITAL PROJECTS

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.

General Revenue - CIP

General revenue consists of a variety of revenue sources collected in the General Fund to fund core City functions and other priorities. Some of these sources include property taxes, state revenue sharing, OUC dividends, and other fees. Property tax revenue is the largest source and 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 6.65. Each year a portion of general revenues are transferred to the Capital Improvements Fund to support capital needs, and that fund itself can also earn interest or receive reimbursements, which are factored into the total. For FY 2021/22, the City Council set aside \$21.6 million of general revenue for CIP funding. This is a particularly competitive funding source since many different departments within the City compete each year for these unrestricted dollars.

Service Charges

Monthly service charges are assessed for the use of a variety of services and facilities in the City. Some of the key services include the sanitary sewer system and monthly solid waste and recyclable material collection. Service charges are used to pay for operating expenses, maintenance, construction, and debt service, with the allocation determined by the needs of the particular service operation. Many of the efforts involved with system maintenance and construction constitute capital improvements, and thus these charges are a key funding source for capital projects.

Property Tax Increment

A Community Redevelopment Agency (CRA) may be established per Chapter 163 of the Florida Statutes to address blight conditions in a specified area. A base year is established and a base taxable valuation is determined for the property within the designated area. The tax increment above the base year valuation is then utilized in an effort to eliminate the blight conditions. Capital improvements such as redevelopment projects or infrastructure projects may be undertaken utilizing these funds. The City's Downtown CRAs in particular often make a significant investment in capital projects.

Impact Fees

In 1986 the City adopted a Transportation Impact Fee, and in 2017 the City enacted a Park Impact Fee. Through these the City charges a fee for new construction projects to ensure the developments pay their fair share of the cost of new and/or expanded transportation networks and park facilities necessary to accommodate that growth. There are three benefit areas for both types of Impact Fees: North, Southeast, and Southwest.

Gas Taxes

The six cents local option gas tax will generate approximately \$27.0 million in revenue for Orange County in FY 2021/22. 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.

CAPITAL IMPROVEMENT PROGRAM

DESCRIPTIONS OF FUNDING SOURCES FOR CAPITAL PROJECTS (continued)

Stormwater Utility Fee

The City enacted a stormwater utility fee in 1989, and this fee will generate approximately \$24.4 million in FY 2021/22. 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 will be allocated for capital improvements, while the remainder will be used for operating and maintenance expenses.

Federal and State Grants

A variety of federal and state grants provide funding for counties and cities to invest in their communities, and some of these investments may constitute capital improvements. These grants support a wide range of investments such as affordable housing, infrastructure, public safety, among others. The grants vary in purpose and distribution method, but assist the City in achieving its goals while relieving pressure from other funding sources.

Other Funds

Other Funds includes any other sources that fund capital improvements that are not otherwise described separately. A variety of funds make up this grouping, including those for dedicated facility or venue upkeep, fleet or real estate investments, specialized taxing districts, among others.

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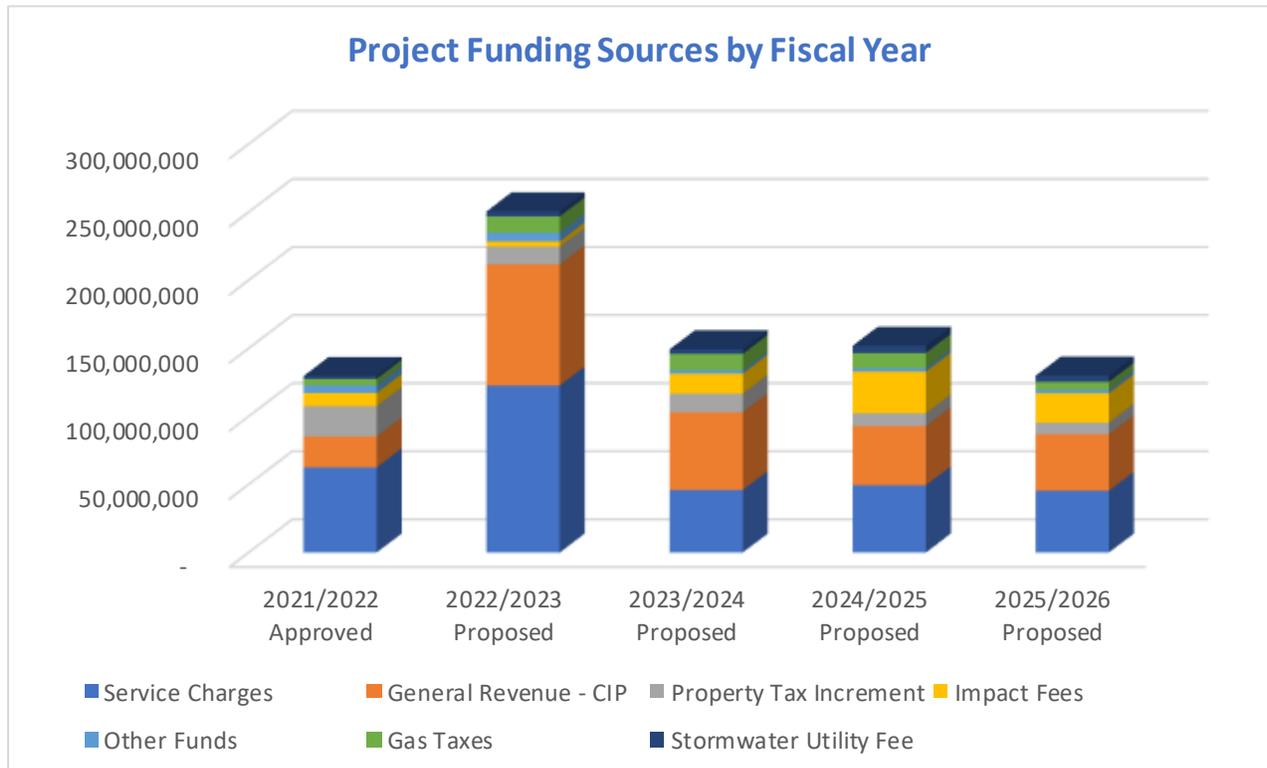
The table and chart below shows the sources of funding for all the approved FY22 capital projects, as well as the estimated funding needed to fulfill project estimates for the subsequent four years. The six largest sources of funding are shown separately, while all other funding sources are consolidated in the Other Funds grouping. Note that for FY23 through FY26, while these projects have been proposed, there is no guarantee that the identified source of funding will be available in the quantity necessary to fulfill all the requests. Projects may need to be prioritized, or alternative funding sources may need to be identified.

CAPITAL IMPROVEMENT PROGRAM

2022 - 2026

Project Funding Sources

Funding Source	2021/2022 Approved	2022/2023 Proposed	2023/2024 Proposed	2024/2025 Proposed	2025/2026 Proposed	Total
Service Charges	62,520,000	122,717,000	45,965,000	49,357,000	45,390,000	325,949,000
General Revenue - CIP	22,779,000	89,011,949	57,104,858	43,579,858	41,646,000	254,121,665
Property Tax Increment	22,279,306	13,000,000	13,650,000	9,350,000	8,350,000	66,629,306
Impact Fees	9,631,000	3,800,000	14,700,000	30,626,831	21,676,831	80,434,662
Other Funds	5,525,000	6,425,000	2,450,000	2,500,000	2,350,000	19,250,000
Gas Taxes	4,925,000	12,006,000	12,075,000	11,175,000	6,025,000	46,206,000
Stormwater Utility Fee	2,000,000	3,600,000	3,280,000	5,260,000	4,500,000	18,640,000
Total	129,659,306	250,559,949	149,224,858	151,848,689	129,937,831	811,230,633



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CAPITAL BUDGET AND PLAN OVERVIEW

BUDGET AND PLAN SUMMARY

In the previous section we discussed the process and funding sources involved with the development of the Capital Improvement Program and incorporated capital plan. This plan includes funding from tax and assessment collections, state and federal grants, loans, impact fees and revenues from charges for services, among others. The 5-year capital plan is presented on subsequent pages by funding source and by service type.

The Capital Improvement Fund is perhaps the most competitive funding source since many different departments within the City compete each year for these unrestricted dollars. For FY 2021/22 the City Council set aside \$21.6 million of property tax revenue for CIP funding, and the fund may also have other revenue sources such as interest or reimbursements that support project needs. As noted in the previous section, other funding sources are generally restricted in their use by function or geographic location.

For FY 2021/22, from a departmental standpoint Public Works accounts for about 55% of the total project budgets. They are spread across three divisions: Water Reclamation, Stormwater, and Solid Waste. These divisions have dedicated funding sources that are generated from services fees and assessments, which are allocated to operations, maintenance, and capital improvements.

The chart below presents the total capital plan by fund. The listing by fund of capital projects displays the current year approved budget and the subsequent proposed four years. Later we provide a detailed breakdown of the projects funded from each source.

CAPITAL IMPROVEMENT PROGRAM
2022 - 2026
Project Totals By Fund

Fund	2021/2022 Approved	2022/2023 Proposed	2023/2024 Proposed	2024/2025 Proposed	2025/2026 Proposed	Total
Amway Center R&R Fund	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Building Code Enforcement Fund	1,970,000	-	-	-	-	1,970,000
Capital Improvement Fund	22,779,000	89,011,949	57,104,858	43,579,858	41,646,000	254,121,665
Centroplex Garages Fund	100,000	-	100,000	150,000	-	350,000
Community Redevelopment Agency	22,279,306	13,000,000	13,650,000	9,350,000	8,350,000	66,629,306
Downtown Development Board	500,000	-	-	-	-	500,000
Downtown South Neighborhood Improvement District Fund	700,000	200,000	200,000	200,000	200,000	1,500,000
Dubsdread Renewal and Replacement Fund	255,000	325,000	150,000	150,000	150,000	1,030,000
Fleet Management Fund	-	3,900,000	-	-	-	3,900,000
Gas Tax Fund	4,925,000	12,006,000	12,075,000	11,175,000	6,025,000	46,206,000
IFT - North	2,000,000	1,100,000	750,000	750,000	4,500,000	9,100,000
IFT - Southeast	-	-	-	6,226,831	7,026,831	13,253,662
IFT - Southwest	7,631,000	2,100,000	1,450,000	2,150,000	650,000	13,981,000
Parking R&R Fund	-	1,475,000	895,000	920,000	570,000	3,860,000
PIF - Southeast	-	600,000	12,500,000	21,500,000	9,500,000	44,100,000
Real Estate Acquisition Fund	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Solid Waste Fund	2,220,000	1,437,000	1,820,000	1,437,000	-	6,914,000
Stormwater Capital Fund	2,000,000	3,600,000	3,280,000	5,260,000	4,500,000	18,640,000
Water Reclamation General Construction Fund	57,300,000	116,805,000	40,250,000	44,000,000	41,820,000	300,175,000
Water Reclamation R&R Fund	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Total	\$ 129,659,306	\$ 250,559,949	\$ 149,224,858	\$ 151,848,689	\$ 129,937,831	\$ 811,230,633

CAPITAL IMPROVEMENT PROGRAM

PROJECT SERVICE TYPE

Beyond the funding source or specific fund that a project is associated with, project information can also be broken down by the type of service provided. These Service Types allow us to group and report on capital projects together that serve similar goals or functions. At this time the City has eight types of service that projects can be assigned to:

ECD	Economic Development
GEN	General Government
INF	Community Infrastructure
PSF	Public Safety
PUB	Public Facilities
REC	Recreation and Culture
SOL	Solid Waste
STR	Stormwater
TRA	Transportation
WAS	Water Reclamation

Note that in certain City publications or systems, Service Type may also be referred to as Project Hierarchy.

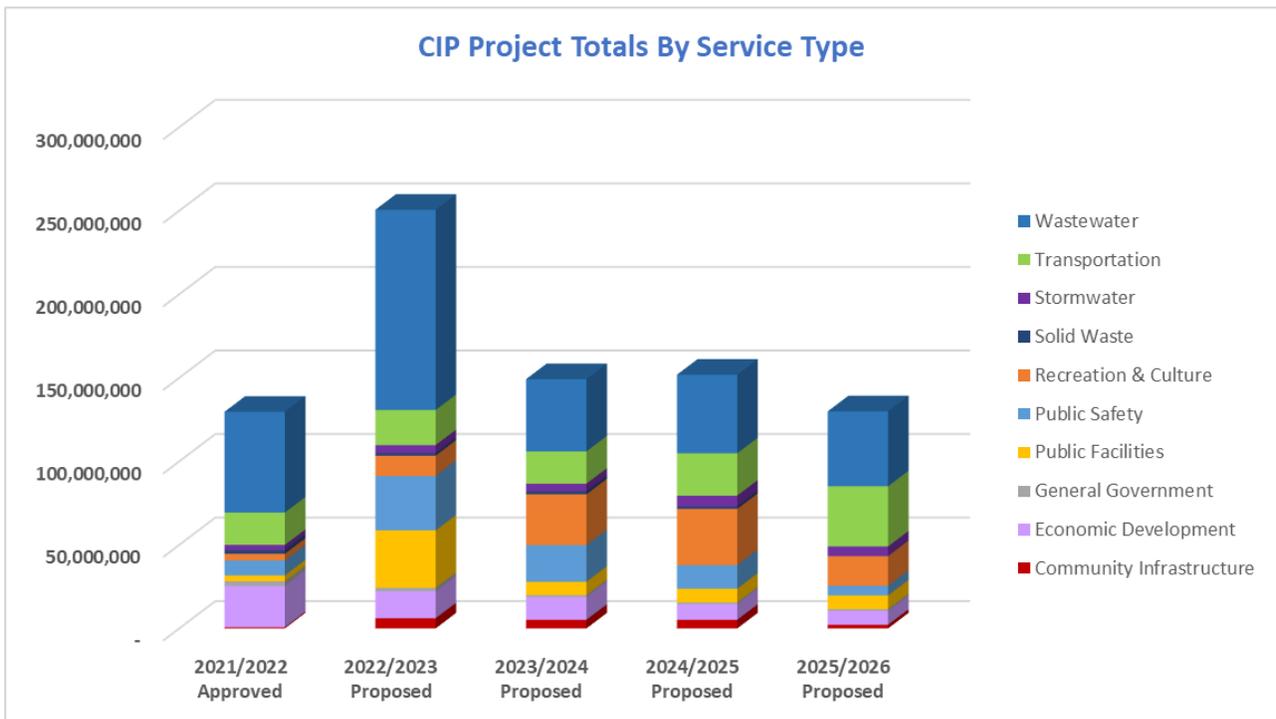
CAPITAL IMPROVEMENT PROGRAM

The chart below presents the total capital plan by service type. It displays the current year approved budget and the subsequent proposed four years. When we look at the Capital Improvement Program by the type of service, Wastewater, Transportation, and Economic Development are largest service types because those services are capital intensive. Conversely, General Government and Solid Waste are less capital-intensive parts of the Capital Improvement Program.

Following the table, a chart depicts the next five years of funding needs by service type with relative share comparisons over time.

**CAPITAL IMPROVEMENT PROGRAM
2022 - 2026
Project Totals By Service Type**

Service Type	2021/2022 Approved	2022/2023 Proposed	2023/2024 Proposed	2024/2025 Proposed	2025/2026 Proposed	Total
Community Infrastructure	700,000	6,100,000	5,200,000	5,200,000	2,200,000	19,400,000
Economic Development	24,749,306	16,150,000	13,650,000	9,350,000	8,350,000	72,249,306
General Government	2,780,000	2,071,055	1,100,000	1,000,000	1,000,000	7,951,055
Public Facilities	3,500,000	34,353,214	8,000,000	8,250,000	8,250,000	62,353,214
Public Safety	9,008,000	32,620,000	21,918,858	14,073,858	5,680,000	83,300,716
Recreation & Culture	3,911,000	12,117,680	30,411,000	33,681,000	17,831,000	97,951,680
Solid Waste	2,220,000	1,437,000	1,820,000	1,437,000	-	6,914,000
Stormwater	3,100,000	4,850,000	4,530,000	6,510,000	5,750,000	24,740,000
Transportation	19,391,000	21,056,000	19,345,000	25,346,831	36,056,831	121,195,662
Wastewater	60,300,000	119,805,000	43,250,000	47,000,000	44,820,000	315,175,000
Total	\$ 129,659,306	\$ 250,559,949	\$ 149,224,858	\$ 151,848,689	\$ 129,937,831	\$ 811,230,633



CAPITAL IMPROVEMENT PROGRAM

CAPITAL BUDGET PROJECT LISTING

The table below is categorized by fund. Within each fund we list every project budgeted or planned. Similarly to the previous chart, it displays the current year approved budget and the subsequent proposed four years.

City of Orlando
2022 - 2026
Capital Improvements - Project List by Fund

Project Name	Project ID	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	Total
Amway Center R&R Fund							
Amway Center Repair and Replacement	VEN0002_P	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Totals For: Amway Center R&R Fund		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Building Code Enforcement Fund							
Economic Development Information System	PER0002_P	1,970,000	-	-	-	-	1,970,000
Totals For: Building Code Enforcement Fund		1,970,000	-	-	-	-	1,970,000
Capital Improvement Fund							
Affordable Housing	HSG0006_P	-	5,000,000	5,000,000	5,000,000	2,000,000	17,000,000
Amway Center Seating Retracts		-	5,497,680	6,000,000	-	-	11,497,680
Amway Retro Commissioning	TBD	-	345,000	-	-	-	345,000
Athletic Field Maintenance	REC0006_P	641,000	641,000	641,000	641,000	641,000	3,205,000
Bob Carr	FAC0021_P	-	3,850,000	-	-	-	3,850,000
Bridge Maintenance and Repair	STW0088_P	125,000	125,000	125,000	125,000	125,000	625,000
Camping World Stadium Concourse Lights		-	400,000	-	-	-	400,000
Control Station Replacement		-	260,000	-	-	-	260,000
Convert Two CNG Bays	TBD	-	425,000	-	-	-	425,000
Creative Village	EDV0004_P	-	500,000	-	-	-	500,000
Decorative Lighting / Street Lighting	TBD	-	200,000	-	-	-	200,000
Dover Shores Emergency Transfer Switch	FAC0025_P	-	110,025	-	-	-	110,025
Dubsread Interior and Exterior LED Lighting	TBD	-	390,738	-	-	-	390,738
Emergency Support	TBD	-	3,735,876	-	-	-	3,735,876
Facility Evaluation, Repairs, and Rehabilitation	FAC0019_P	1,500,000	1,245,800	1,000,000	1,250,000	1,250,000	6,245,800
Fire Equipment Replacement	OFD0003_P	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	6,000,000
Fire Station 20 - Poitras		-	-	780,000	8,250,000	3,180,000	12,210,000
Fire Stations #8 (Storey Park) & #19 (Vista Park)		-	1,560,000	16,500,000	1,185,000	-	19,245,000
Fire Tower Truck - Lake Nona area		-	1,200,000	-	-	-	1,200,000
Fire Training and Admin Facility - Phase I		6,040,000	20,000,000	-	-	-	26,040,000
Idea Garden Pavilion Upgrade		-	184,000	-	-	-	184,000
Information Technology Enhancements	TMD0003_P	380,000	-	-	-	-	380,000
Information Technology Hardware & Software Updates	TMD0007_P	500,000	-	-	-	-	500,000
Irrigation Replacement and Tree Removal		-	250,000	-	-	-	250,000
LED Sports Lights (Energy Efficiency)		-	2,000,000	-	-	-	2,000,000
Lightning Protection Enhancements	TBD	-	325,000	-	-	-	325,000
LYMMO Bus Replacement - Local Match		960,000	-	-	-	-	960,000
Miscellaneous Sidewalk Repair	STW0012_P	300,000	300,000	300,000	300,000	300,000	1,500,000
Mobile Radio Replacement		-	175,000	-	-	-	175,000
Neighborhood Center Resilience Hubs	TBD	-	1,863,000	-	-	-	1,863,000
OPD Equipment Replacement	OPD0002_P	1,768,000	1,300,000	1,300,000	1,300,000	1,300,000	6,968,000
OPD Gun Range HVAC and Lighting Control Upgrades	TBD	-	2,761,186	-	-	-	2,761,186
OPD Headquarters Solar Parking	TBD	-	1,509,651	-	-	-	1,509,651
Parks and Playground Renovation Project	PKS0009_P	1,225,000	1,250,000	1,250,000	1,250,000	1,250,000	6,225,000
Pavement Rehabilitation	STW0007/9	2,000,000	2,500,000	2,500,000	2,500,000	3,000,000	12,500,000
Phone System Upgrade	TMD0001_P	-	871,055	-	-	-	871,055
Portable Radio Replacement		-	2,400,000	2,138,858	2,138,858	-	6,677,716
Radio System Site Antenna Replacement		-	425,000	-	-	-	425,000
Record Management and Preservation		100,000	200,000	100,000	-	-	400,000
Recreation Facility Renovations and Maintenance	REC0005_P	1,500,000	1,730,000	1,730,000	2,000,000	2,500,000	9,460,000
Recreation Pools & Courts	REC0007_P	290,000	290,000	290,000	290,000	290,000	1,450,000
Rehab Unit / Incident Recovery		-	600,000	-	-	-	600,000
Renewable Energy for City Facilities	FAC0026_P	1,000,000	6,000,000	6,000,000	6,000,000	6,000,000	25,000,000
Retrofitting Fire Stations		-	3,500,000	-	-	-	3,500,000
Roofs Past Their Life Cycle	TBD	-	6,341,938	-	-	-	6,341,938
School Safety Sidewalk Program	STW0010_P	600,000	600,000	600,000	600,000	600,000	3,000,000
Sidewalk Remediation Program	STW0023_P	850,000	1,000,000	1,000,000	1,000,000	1,000,000	4,850,000
Sign/Signal Shop		-	-	-	-	12,810,000	12,810,000
Signature Park Improvements	PKS0007_P	-	1,600,000	7,850,000	7,850,000	3,500,000	20,800,000
Smart Cities Capital Project	CAO0004_P	-	900,000	-	-	-	900,000
Time Clock Replacement	TBD	250,000	-	-	-	-	250,000
Transportation Safety Projects	TRN0001_P	700,000	600,000	500,000	400,000	400,000	2,600,000
Transportation System Equipment and	TRE0044_P	300,000	300,000	300,000	300,000	300,000	1,500,000
Upgrades to City Commons Plaza	TBD	-	250,000	-	-	-	250,000
Visitor Signage Improvements	TBD	-	300,000	-	-	-	300,000
Workday Projects	TMD0005_P	550,000	-	-	-	-	550,000
Totals For: Capital Improvement Fund		22,779,000	89,011,949	57,104,858	43,579,858	41,646,000	254,121,665

CAPITAL IMPROVEMENT PROGRAM

Centroplex Garages Fund

Amelia St Garage Repair and Maintenance	PKG0015_P	100,000	-	100,000	150,000	-	350,000
Totals For: Centroplex Garages Fund		100,000	-	100,000	150,000	-	350,000

Community Redevelopment Agency

Arts & Culture	CRA0025_P	300,000	-	-	-	-	300,000
Business Recruitment & Retention	CRA0003_P	650,000	-	-	-	-	650,000
Community Outreach	CRA0024_P	4,600,000	-	-	-	-	4,600,000
Community Policing Innovations		400,000	-	-	-	-	400,000
Downtown Capital Maintenance	CRA0016_P	1,487,602	1,500,000	1,500,000	1,500,000	-	5,987,602
Downtown Lighting	CRA0011_P	500,000	1,000,000	800,000	800,000	800,000	3,900,000
DTO Implementation	CRA0017_P	432,312	2,500,000	2,500,000	2,500,000	3,000,000	10,932,312
Facade Grant Program	CRA0015_P	-	100,000	100,000	100,000	100,000	400,000
Lake Eola CRA	CRA0009_P	1,000,000	1,400,000	1,500,000	200,000	200,000	4,300,000
Minority/Women Entrepreneur Business Assistance	CRA0008_P	50,000	-	-	-	-	50,000
Parramore Housing Initiative	CRA0007_P	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000
Parramore Task Force	CRA0006_P	25,000	-	-	-	-	25,000
Real Estate - CRA	CRA0022_P	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Streetscape Improvements	CRA0018_P	500,000	250,000	500,000	-	-	1,250,000
Streetscape Matching	CRA0014_P	-	250,000	250,000	250,000	250,000	1,000,000
Transportation Access & Connectivity	CRA0023_P	6,334,392	-	-	-	-	6,334,392
Under I Design	CRA0019_P	2,500,000	2,000,000	2,500,000	-	-	7,000,000
Venues & Open Spaces	CRA0021_P	-	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Community Redevelopment Agency Total		22,279,306	13,000,000	13,650,000	9,350,000	8,350,000	66,629,306

Downtown Development Board

Farmers Market	DDB0004_P	50,000	-	-	-	-	50,000
Marketing - Downtown Development Board	DDB0001_P	450,000	-	-	-	-	450,000
Downtown Development Board Total		500,000	-	-	-	-	500,000

Downtown South Neighborhood Improvement District Fund

DSNID Projects	EDV0009_P	700,000	200,000	200,000	200,000	200,000	1,500,000
Downtown South Neighborhood Improvement District Fund To		700,000	200,000	200,000	200,000	200,000	1,500,000

Dubsread Renewal and Replacement Fund

Dubsread Clubhouse Improvements	DUB0004_P	-	75,000	50,000	50,000	50,000	225,000
Dubsread Course/Grounds Maintenance	DUB0002_P	190,000	200,000	25,000	50,000	50,000	515,000
Dubsread Equipment	DUB0003_P	65,000	50,000	75,000	50,000	50,000	290,000
Dubsread Renewal and Replacement Fund Total		255,000	325,000	150,000	150,000	150,000	1,030,000

Fleet Management Fund

Aeroclave/CNG Maintenance Bays	TBD	-	2,400,000	-	-	-	2,400,000
Modern Fuel Service Station	TBD	-	1,500,000	-	-	-	1,500,000
Fleet Management Fund Total		-	3,900,000	-	-	-	3,900,000

Gas Tax Fund

ADA Transition Plan	STW0022_P	300,000	300,000	300,000	300,000	300,000	1,500,000
Bicycle Plan Implementation	TSP0013_P	200,000	200,000	200,000	200,000	200,000	1,000,000
Brick Street Restoration	STW0015_P	100,000	100,000	100,000	100,000	100,000	500,000
Bridge Maintenance and Repair	STW0088_P	125,000	125,000	125,000	125,000	125,000	625,000
Corrine Drive/Virginia Drive		-	-	-	3,900,000	-	3,900,000
Curb Ramp Construction and Curb Repair	TRE0023_P	-	150,000	-	150,000	-	300,000
Curry Ford Road West		-	-	-	-	100,000	100,000
Edgewater Dr. Phase II		-	-	6,000,000	-	-	6,000,000
Intersection Safety Improvements	TRE0006_P	400,000	400,000	400,000	400,000	400,000	2,000,000
Miscellaneous Sidewalk Repair	STW0012_P	200,000	200,000	200,000	200,000	200,000	1,000,000
New Traffic Signal Locations	TRE0025_P	-	100,000	-	100,000	-	200,000
Oak Ridge Rd Median Improvements		-	100,000	550,000	550,000	-	1,200,000
Pavement Marking Maintenance	TRE0010_P	450,000	550,000	450,000	550,000	450,000	2,450,000
Pavement Rehabilitation	STW0007/9	2,500,000	2,500,000	2,500,000	2,500,000	3,000,000	13,000,000
Railroad Crossing Maintenance	TRE0039_P	-	100,000	-	100,000	-	200,000
Regional Computerized Signal System	TRE0012_P	100,000	100,000	100,000	100,000	100,000	500,000
Robinson Street "Complete Streets"		-	6,481,000	-	-	-	6,481,000
School Safety Sidewalk Program	STW0010_P	100,000	100,000	100,000	100,000	100,000	500,000
SunRail Corridor Quiet Zone	TSP0051_P	-	-	-	400,000	400,000	800,000
Traffic Counts and Travel Time Studies	TRE0016_P	250,000	200,000	350,000	200,000	350,000	1,350,000
Traffic Signal Refurbishing Program	TRE0007_P	200,000	200,000	200,000	200,000	200,000	1,000,000
Virginia Drive Improvements	TSP0060_P	-	100,000	500,000	1,000,000	-	1,600,000
Gas Tax Fund Total		4,925,000	12,006,000	12,075,000	11,175,000	6,025,000	46,206,000

IFT - North

Alden/Lake Highland Realignment	TSP0064_P	500,000	-	-	-	-	500,000
Church Street SunRail Platform		500,000	600,000	-	-	-	1,100,000
Hicks Avenue Extension (Anderson St to South St)	TSP0073_P	1,000,000	-	-	-	-	1,000,000
North Quarter Two Way Conversion	TSP0063_P	-	-	-	-	4,500,000	4,500,000
Terry Ave - Washington to Colonial	TSP0046_P	-	500,000	750,000	750,000	-	2,000,000
IFT - North Total		2,000,000	1,100,000	750,000	750,000	4,500,000	9,100,000

IFT - Southeast

Augusta National/Commander Drive		-	-	-	-	100,000	100,000
Boggy Creek - Tavistock (Narcoossee/Osceola Co)		-	-	-	6,226,831	6,226,831	12,453,662
Innovation Way	TSP0069_P	-	-	-	-	700,000	700,000
IFT - Southeast Total		-	-	-	6,226,831	7,026,831	13,253,662

CAPITAL IMPROVEMENT PROGRAM

IFT - Southwest							
Division Avenue Complete Streets		-	500,000	750,000	1,300,000	-	2,550,000
Grand National Dr.: Oakridge Rd. to Sand Lake	TRE0017_P	4,000,000	-	-	-	-	4,000,000
Hicks Ave - 408 to Gore Street	TSP0005_P	1,381,000	-	-	-	-	1,381,000
Millenia Plaza Way Extension	TSP0078_P	500,000	500,000	-	-	-	1,000,000
New Traffic Signal Locations	TRE0025_P	250,000	-	-	150,000	150,000	550,000
Oak Ridge Rd Median Improvements		-	100,000	200,000	200,000	-	500,000
Pres. Barack Obama Parkway Phase 2		1,000,000	500,000	500,000	500,000	500,000	3,000,000
South Magnolia Avenue Access	TSP0048_P	-	500,000	-	-	-	500,000
Southwest Bike Study Implementation		500,000	-	-	-	-	500,000
IFT - Southwest Total		7,631,000	2,100,000	1,450,000	2,150,000	650,000	13,981,000
Parking R&R Fund							
Administration Center Garage	PKG0020_P	-	125,000	120,000	250,000	-	495,000
Central Blvd Garage Repair and Maintenance	PKG0004_P	-	200,000	200,000	-	200,000	600,000
Courthouse Garage Repair and Maintenance	PKG0019_P	-	400,000	100,000	250,000	250,000	1,000,000
GEICO Garage Repairs and Maintenance	PKG0025_P	-	300,000	200,000	300,000	-	800,000
Jefferson Garage Capital Repairs	PKG0024_P	-	300,000	100,000	-	120,000	520,000
Library Garage Repair and Maintenance	PKG0023_P	-	150,000	175,000	120,000	-	445,000
Parking R&R Fund Total		-	1,475,000	895,000	920,000	570,000	3,860,000
PIF - Southeast							
Postras Park	TBD	-	200,000	4,000,000	4,000,000	-	8,200,000
Starwood Park	TBD	-	-	500,000	9,500,000	9,500,000	19,500,000
Vista Lake Park	TBD	-	400,000	8,000,000	8,000,000	-	16,400,000
PIF - Southeast Total		-	600,000	12,500,000	21,500,000	9,500,000	44,100,000
Real Estate Acquisition Fund							
Real Estate Acquisition	REM0010_P	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Real Estate Acquisition Fund Total		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Solid Waste Fund							
CBD Waste & Recycling Center	SWM0004_P	400,000	-	-	-	-	400,000
Commercial Collection Vehicles	SWM0006_P	770,000	387,000	770,000	387,000	-	2,314,000
Residential/Recycling Collection Vehicles	SWM0003_P	1,050,000	1,050,000	1,050,000	1,050,000	-	4,200,000
Solid Waste Fund Total		2,220,000	1,437,000	1,820,000	1,437,000	-	6,914,000
Stormwater Capital Fund							
CT Phase 4 - Shine (Marks to Colonial)		-	-	-	180,000	-	180,000
Flood Plain Remediation Projects		-	-	-	-	500,000	500,000
Lake Hourglass to Lake Lancaster Drainage Improvem	STW0090_P	-	1,200,000	-	-	-	1,200,000
Lake Ivanhoe Blvd Drainage Improvements-Area 3		-	-	180,000	2,680,000	-	2,860,000
Rapid Response Construction	STW0044_P	-	400,000	400,000	400,000	1,000,000	2,200,000
Sandy Lake		-	-	-	-	1,000,000	1,000,000
South Lucerne Circle Baffle Boxes		-	-	700,000	-	-	700,000
Stormwater System Construction	STW0057_P	-	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
System Repair and Rehabilitation	STW0056_P	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
Stormwater Capital Fund Total		2,000,000	3,600,000	3,280,000	5,260,000	4,500,000	18,640,000
Water Reclamation General Construction Fund							
Bill Fredrick Park Lift Station Improvements	CIP0264_P	500,000	-	-	-	-	500,000
Conserv I Area Collection System Improvements	CIP0214_P	2,500,000	2,500,000	3,000,000	3,000,000	3,000,000	14,000,000
Conserv I Biosolids Upgrades	CIP0271_P	1,000,000	-	-	-	1,320,000	2,320,000
Conserv I Reclaimed Water Storage	CIP0205_P	1,500,000	8,500,000	-	-	-	10,000,000
Conserv I South Reclaimed Water Main	CIP0246_P	3,000,000	-	3,000,000	-	-	6,000,000
Conserv II Area Collection System Improvements	CIP0059_P	2,500,000	-	1,500,000	3,000,000	3,000,000	10,000,000
Conserv II Deep Bed Filters	CIP0190_P	-	15,005,000	-	-	-	15,005,000
Conserv II Nutrient Removal and Treatment	CIP0274_P	2,000,000	13,000,000	-	-	-	15,000,000
Conserv II Process Improvements and Upgrades	CIP0063_P	500,000	2,500,000	-	-	-	3,000,000
Conserv II RB Site 1 & 10 Expansion	CIP0118_P	-	-	-	-	4,000,000	4,000,000
Easterly Wetlands Parking Lot Improvement	CIP0270_P	350,000	-	-	-	-	350,000
Easterly Wetlands Restoration	CIP0161_P	500,000	500,000	-	-	-	1,000,000
Inflow & Infiltration Reduction Project	CIP0248_P	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Iron Bridge Area Collection System Improvements	CIP0176_P	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
Iron Bridge Biosolids Disposal Improvements	CIP0236_P	500,000	10,000,000	5,000,000	-	-	15,500,000
Iron Bridge Grit System Replacement	CIP0173_P	700,000	21,000,000	-	-	-	21,700,000
Iron Bridge Power Generation Improvements		-	-	-	-	2,250,000	2,250,000
Iron Bridge Reclaim Pump Station Improvements		-	-	-	-	1,250,000	1,250,000
Lift Station 248 Replacement		-	-	-	-	500,000	500,000
Lift Station 249 Rehabilitation	CIP0275_P	1,000,000	6,000,000	-	-	-	7,000,000
Lift Station 55 Replacement	CIP0260_P	-	4,850,000	-	-	-	4,850,000
Lift Station Odor Control	CIP0177_P	1,000,000	250,000	-	-	-	1,250,000
Lift Station Rehabilitation	CIP0103_P	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Lift Station Telemetry Replacement	CIP0106_P	-	3,000,000	1,000,000	3,000,000	-	7,000,000
Lift Station Underground Rehabilitation	CIP0071_P	-	3,000,000	3,000,000	3,000,000	3,000,000	12,000,000
Lift Stations Electrical Safety Improvements	CIP0178_P	250,000	2,000,000	250,000	2,000,000	-	4,500,000
Lift Stations Emergency Generators	CIP0217_P	-	2,500,000	3,000,000	3,000,000	3,000,000	11,500,000
Line Sewers	CIP0105_P	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
LS 1,2, and 3 Force Main	CIP0135_P	21,000,000	1,200,000	-	5,000,000	1,000,000	28,200,000
Rapid Response Construction	CIP0055_P	2,500,000	1,000,000	1,000,000	1,000,000	1,000,000	6,500,000
Reclaimed Water System Valve Replacements	CIP0250_P	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	5,500,000
Sanitary Service Lateral Rehabilitation	CIP0200_P	-	750,000	1,000,000	1,000,000	1,000,000	3,750,000
Sanitary System Corrosion Abatement	CIP0201_P	-	2,000,000	1,500,000	2,000,000	2,000,000	7,500,000
Sanitary upgrades with other projects	CIP0202_P	4,000,000	3,000,000	4,000,000	4,000,000	4,000,000	19,000,000
Sewage Air Release Valve Replacement	CIP0114_P	-	2,000,000	1,500,000	2,500,000	-	6,000,000
Transmission System Master Study		-	750,000	-	-	-	750,000
Water Reclamation General Construction Fund Total		57,300,000	116,805,000	40,250,000	44,000,000	41,820,000	300,175,000

CAPITAL IMPROVEMENT PROGRAM

Water Reclamation R&R Fund

Miscellaneous Renewal and Replacement	WAS0001_P	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Water Reclamation R&R Fund Total		3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000

CIP Report Totals	\$	129,659,306	\$	250,559,949	\$	149,224,858	\$	151,848,689	\$	129,937,831	\$	811,230,633
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CAPITAL IMPROVEMENT PROGRAM

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CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL PAGES

In this section, individual project detail pages are provided for each project with funding included in any of the five years of the capital plan as listed previously. The projects have been broken into two groups based on whether they are non-recurring or recurring in nature.

Non-Recurring Capital Projects would be new projects that occur infrequently, would be considered non-routine and may have an impact on the operating budget. Examples include the construction of a new City building or a park, increasing the number of City vehicles, etc.

Recurring Capital Projects are those that are included in almost every budget and will have no significant impact on the operating budget. Examples of this include the purchase of vehicles as part of the fleet replacement schedule and the planned routine cycle of replacing technology equipment.

For each of the two groupings, a list of included projects is provided, followed by the project description form and all details for each of the projects on the list.

CAPITAL IMPROVEMENT PROGRAM

City of Orlando
2022 - 2026
Capital Improvements - Project List by Fund - Non-Recurring

Fund	Project Name	Project	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	Total
Amway Center R&R Fund	Amway Center Repair and Replacement	VEN0002_P	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Building Code Enforcement Fund	Economic Development Information System	PER0002_P	1,970,000	-	-	-	-	1,970,000
Capital Improvement Fund	Affordable Housing	HSG0006_P	-	5,000,000	5,000,000	5,000,000	2,000,000	17,000,000
Capital Improvement Fund	Amway Center Seating Retracts		-	5,497,680	6,000,000	-	-	11,497,680
Capital Improvement Fund	Amway Retro Commissioning	TBD	-	345,000	-	-	-	345,000
Capital Improvement Fund	Bob Carr	FAC0021_P	-	3,850,000	-	-	-	3,850,000
Capital Improvement Fund	Bridge Maintenance and Repair	STW0088_P	125,000	125,000	125,000	125,000	125,000	625,000
Capital Improvement Fund	Camping World Stadium Concourse Lights		-	400,000	-	-	-	400,000
Capital Improvement Fund	Control Station Replacement		-	260,000	-	-	-	260,000
Capital Improvement Fund	Convert Two CNG Bays	TBD	-	425,000	-	-	-	425,000
Capital Improvement Fund	Creative Village	EDV0004_P	-	500,000	-	-	-	500,000
Capital Improvement Fund	Decorative Lighting / Street Lighting	TBD	-	200,000	-	-	-	200,000
Capital Improvement Fund	Dover Shores Emergency Transfer Switch	FAC0025_P	-	110,025	-	-	-	110,025
Capital Improvement Fund	Dubsdread Interior and Exterior LED Lighting	TBD	-	390,738	-	-	-	390,738
Capital Improvement Fund	Emergency Support	TBD	-	3,735,876	-	-	-	3,735,876
Capital Improvement Fund	Fire Station 20 - Poitras		-	-	780,000	8,250,000	3,180,000	12,210,000
Capital Improvement Fund	Fire Stations #8 (Storey Park) & #19 (Vista Park)		-	1,560,000	16,500,000	1,185,000	-	19,245,000
Capital Improvement Fund	Fire Tower Truck - Lake Nona area		-	1,200,000	-	-	-	1,200,000
Capital Improvement Fund	Fire Training and Admin Facility - Phase I		6,040,000	20,000,000	-	-	-	26,040,000
Capital Improvement Fund	Idea Garden Pavilion Upgrade		-	184,000	-	-	-	184,000
Capital Improvement Fund	Information Technology Enhancements	TMD0003_P	380,000	-	-	-	-	380,000
Capital Improvement Fund	Information Technology Hardware & Software Updates	TMD0007_P	500,000	-	-	-	-	500,000
Capital Improvement Fund	Irrigation Replacement and Tree Removal		-	250,000	-	-	-	250,000
Capital Improvement Fund	LED Sports Lights (Energy Efficiency)		-	2,000,000	-	-	-	2,000,000
Capital Improvement Fund	Lightning Protection Enhancements	TBD	-	325,000	-	-	-	325,000
Capital Improvement Fund	LYMMO Bus Replacement - Local Match		960,000	-	-	-	-	960,000
Capital Improvement Fund	Mobile Radio Replacement		-	175,000	-	-	-	175,000
Capital Improvement Fund	Neighborhood Center Resilience Hubs	TBD	-	1,863,000	-	-	-	1,863,000
Capital Improvement Fund	OPD Gun Range HVAC and Lighting Control Upgrades	TBD	-	2,761,186	-	-	-	2,761,186
Capital Improvement Fund	OPD Headquarters Solar Parking	TBD	-	1,509,651	-	-	-	1,509,651
Capital Improvement Fund	Phone System Upgrade	TMD0001_P	-	871,055	-	-	-	871,055
Capital Improvement Fund	Portable Radio Replacement		-	2,400,000	2,138,858	2,138,858	-	6,677,716
Capital Improvement Fund	Radio System Site Antenna Replacement		-	425,000	-	-	-	425,000
Capital Improvement Fund	Record Management and Preservation		100,000	200,000	100,000	-	-	400,000
Capital Improvement Fund	Recreation Pools & Courts	REC0007_P	290,000	290,000	290,000	290,000	290,000	1,450,000
Capital Improvement Fund	Rehab Unit / Incident Recovery		-	600,000	-	-	-	600,000

CAPITAL IMPROVEMENT PROGRAM

Capital Improvement Fund	Renewable Energy for City Facilities	FAC0026_P	1,000,000	6,000,000	6,000,000	6,000,000	6,000,000	25,000,000
Capital Improvement Fund	Retrofitting Fire Stations		-	3,500,000	-	-	-	3,500,000
Capital Improvement Fund	Roofs Past Their Life Cycle	TBD	-	6,341,938	-	-	-	6,341,938
Capital Improvement Fund	Sign/Signal Shop		-	-	-	-	12,810,000	12,810,000
Capital Improvement Fund	Signature Park Improvements	PKS0007_P	-	1,600,000	7,850,000	7,850,000	3,500,000	20,800,000
Capital Improvement Fund	Smart Cities Capital Project	CAO0004_P	-	900,000	-	-	-	900,000
Capital Improvement Fund	Time Clock Replacement	TBD	250,000	-	-	-	-	250,000
Capital Improvement Fund	Upgrades to City Commons Plaza	TBD	-	250,000	-	-	-	250,000
Capital Improvement Fund	Visitor Signage Improvements	TBD	-	300,000	-	-	-	300,000
Capital Improvement Fund	Workday Projects	TMD0005_P	550,000	-	-	-	-	550,000
Centroplex Garages Fund	Amelia St Garage Repair and Maintenance	PKG0015_P	100,000	-	100,000	150,000	-	350,000
Community Redevelopment Agency	Business Recruitment & Retention	CRA0003_P	650,000	-	-	-	-	650,000
Community Redevelopment Agency	Community Outreach	CRA0024_P	4,600,000	-	-	-	-	4,600,000
Community Redevelopment Agency	Community Policing Innovations		400,000	-	-	-	-	400,000
Community Redevelopment Agency	Downtown Lighting	CRA0011_P	500,000	1,000,000	800,000	800,000	800,000	3,900,000
Community Redevelopment Agency	DTO Implementation	CRA0017_P	432,312	2,500,000	2,500,000	2,500,000	3,000,000	10,932,312
Community Redevelopment Agency	Façade Grant Program	CRA0015_P	-	100,000	100,000	100,000	100,000	400,000
Community Redevelopment Agency	Lake Eola CRA	CRA0009_P	1,000,000	1,400,000	1,500,000	200,000	200,000	4,300,000
Community Redevelopment Agency	Minority/Women Entrepreneur Business Assistance	CRA0008_P	50,000	-	-	-	-	50,000
Community Redevelopment Agency	Parramore Housing Initiative	CRA0007_P	2,500,000	2,000,000	2,000,000	2,000,000	2,000,000	10,500,000
Community Redevelopment Agency	Parramore Task Force	CRA0006_P	25,000	-	-	-	-	25,000
Community Redevelopment Agency	Real Estate - CRA	CRA0022_P	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Community Redevelopment Agency	Streetscape Improvements	CRA0018_P	500,000	250,000	500,000	-	-	1,250,000
Community Redevelopment Agency	Streetscape Matching	CRA0014_P	-	250,000	250,000	250,000	250,000	1,000,000
Community Redevelopment Agency	Under I Design	CRA0019_P	2,500,000	2,000,000	2,500,000	-	-	7,000,000
Community Redevelopment Agency	Venues & Open Spaces	CRA0021_P	-	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Downtown Development Board	Farmers Market	DDB0004_P	50,000	-	-	-	-	50,000
Downtown Development Board	Marketing - Downtown Development Board	DDB0001_P	450,000	-	-	-	-	450,000
Dubsdread Renewal and Replacement Fund	Dubsdread Clubhouse Improvements	DUB0004_P	-	75,000	50,000	50,000	50,000	225,000
Dubsdread Renewal and Replacement Fund	Dubsdread Course/Grounds Maintenance	DUB0002_P	190,000	200,000	25,000	50,000	50,000	515,000
Dubsdread Renewal and Replacement Fund	Dubsdread Equipment	DUB0003_P	65,000	50,000	75,000	50,000	50,000	290,000
Fleet Management Fund	Aeroclave/CNG Maintenance Bays	TBD	-	2,400,000	-	-	-	2,400,000
Fleet Management Fund	Modern Fuel Service Station	TBD	-	1,500,000	-	-	-	1,500,000
Gas Tax Fund	Bridge Maintenance and Repair	STW0088_P	125,000	125,000	125,000	125,000	125,000	625,000
Gas Tax Fund	Corrine Drive/Virginia Drive		-	-	-	3,900,000	-	3,900,000
Gas Tax Fund	Curb Ramp Construction and Curb Repair	TRE0023_P	-	150,000	-	150,000	-	300,000
Gas Tax Fund	Curry Ford Road West		-	-	-	-	100,000	100,000
Gas Tax Fund	Edgewater Dr. Phase II		-	-	6,000,000	-	-	6,000,000
Gas Tax Fund	Intersection Safety Improvements	TRE0006_P	400,000	400,000	400,000	400,000	400,000	2,000,000
Gas Tax Fund	New Traffic Signal Locations	TRE0025_P	-	100,000	-	100,000	-	200,000

CAPITAL IMPROVEMENT PROGRAM

Gas Tax Fund	Oak Ridge Rd Median Improvements		-	100,000	550,000	550,000	-	1,200,000
Gas Tax Fund	Railroad Crossing Maintenance	TRE0039_P	-	100,000	-	100,000	-	200,000
Gas Tax Fund	Regional Computerized Signal System	TRE0012_P	100,000	100,000	100,000	100,000	100,000	500,000
Gas Tax Fund	Robinson Street "Complete Streets"		-	6,481,000	-	-	-	6,481,000
Gas Tax Fund	SunRail Corridor Quiet Zone	TSP0051_P	-	-	-	400,000	400,000	800,000
Gas Tax Fund	Traffic Counts and Travel Time Studies	TRE0016_P	250,000	200,000	350,000	200,000	350,000	1,350,000
Gas Tax Fund	Virginia Drive Improvements	TSP0060_P	-	100,000	500,000	1,000,000	-	1,600,000
IFT - North	Alden/Lake Highland Realignment	TSP0064_P	500,000	-	-	-	-	500,000
IFT - North	Church Street SunRail Platform		500,000	600,000	-	-	-	1,100,000
IFT - North	Hicks Avenue Extension (Anderson St to South St)	TSP0073_P	1,000,000	-	-	-	-	1,000,000
IFT - North	North Quarter Two Way Conversion	TSP0063_P	-	-	-	-	4,500,000	4,500,000
IFT - North	Terry Ave - Washington to Colonial	TSP0046_P	-	500,000	750,000	750,000	-	2,000,000
IFT - Southeast	Augusta National/Commander Drive		-	-	-	-	100,000	100,000
IFT - Southeast	Boggy Creek - Tavistock (Narcoossee/Osceola Co)		-	-	-	6,226,831	6,226,831	12,453,662
IFT - Southeast	Innovation Way	TSP0069_P	-	-	-	-	700,000	700,000
IFT - Southwest	Division Avenue Complete Streets		-	500,000	750,000	1,300,000	-	2,550,000
IFT - Southwest	Grand National Dr.: Oakridge Rd. to Sand Lake Rd.	TRE0017_P	4,000,000	-	-	-	-	4,000,000
IFT - Southwest	Hicks Ave - 408 to Gore Street	TSP0005_P	1,381,000	-	-	-	-	1,381,000
IFT - Southwest	Millenia Plaza Way Extension	TSP0078_P	500,000	500,000	-	-	-	1,000,000
IFT - Southwest	New Traffic Signal Locations	TRE0025_P	250,000	-	-	150,000	150,000	550,000
IFT - Southwest	Oak Ridge Rd Median Improvements		-	100,000	200,000	200,000	-	500,000
IFT - Southwest	Pres. Barack Obama Parkway Phase 2		1,000,000	500,000	500,000	500,000	500,000	3,000,000
IFT - Southwest	South Magnolia Avenue Access	TSP0048_P	-	500,000	-	-	-	500,000
IFT - Southwest	Southwest Bike Study Implementation		500,000	-	-	-	-	500,000
Parking R&R Fund	Administration Center Garage Repair/Maintenance	PKG0020_P	-	125,000	120,000	250,000	-	495,000
Parking R&R Fund	Central Blvd Garage Repair and Maintenance	PKG0004_P	-	200,000	200,000	-	200,000	600,000
Parking R&R Fund	Courthouse Garage Repair and Maintenance	PKG0019_P	-	400,000	100,000	250,000	250,000	1,000,000
Parking R&R Fund	GEICO Garage Repairs and Maintenance	PKG0025_P	-	300,000	200,000	300,000	-	800,000
Parking R&R Fund	Jefferson Garage Capital Repairs	PKG0024_P	-	300,000	100,000	-	120,000	520,000
Parking R&R Fund	Library Garage Repair and Maintenance	PKG0023_P	-	150,000	175,000	120,000	-	445,000
PIF - Southeast	Poitras Park	TBD	-	200,000	4,000,000	4,000,000	-	8,200,000
PIF - Southeast	Starwood Park	TBD	-	-	500,000	9,500,000	9,500,000	19,500,000
PIF - Southeast	Vista Lake Park	TBD	-	400,000	8,000,000	8,000,000	-	16,400,000
Real Estate Acquisition Fund	Real Estate Acquisition	REM0010_P	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Solid Waste Fund	CBD Waste & Recycling Center	SWM0004_P	400,000	-	-	-	-	400,000
Solid Waste Fund	Commercial Collection Vehicles	SWM0006_P	770,000	387,000	770,000	387,000	-	2,314,000
Solid Waste Fund	Residential/Recycling Collection Vehicles	SWM0003_P	1,050,000	1,050,000	1,050,000	1,050,000	-	4,200,000
Stormwater Capital Fund	CT Phase 4 - Shine (Marks to Colonial)		-	-	-	180,000	-	180,000
Stormwater Capital Fund	Flood Plain Remediation Projects		-	-	-	-	500,000	500,000
Stormwater Capital Fund	Lake Hourglass to Lake Lancaster Drainage Improvem	STW0090_P	-	1,200,000	-	-	-	1,200,000

CAPITAL IMPROVEMENT PROGRAM

Stormwater Capital Fund	Lake Ivanhoe Blvd Drainage Improvements-Area 3		-	-	180,000	2,680,000	-	2,860,000
Stormwater Capital Fund	Rapid Response Construction	STW0044_P	-	400,000	400,000	400,000	1,000,000	2,200,000
Stormwater Capital Fund	Sandy Lake		-	-	-	-	1,000,000	1,000,000
Stormwater Capital Fund	South Lucerne Circle Baffle Boxes		-	-	700,000	-	-	700,000
Stormwater Capital Fund	Stormwater System Construction	STW0057_P	-	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Water Reclamation General Construction Fund	Conserv I Biosolids Upgrades	CIP0271_P	1,000,000	-	-	-	1,320,000	2,320,000
Water Reclamation General Construction Fund	Conserv I Reclaimed Water Storage	CIP0205_P	1,500,000	8,500,000	-	-	-	10,000,000
Water Reclamation General Construction Fund	Conserv I South Reclaimed Water Main	CIP0246_P	3,000,000	-	3,000,000	-	-	6,000,000
Water Reclamation General Construction Fund	Conserv II Deep Bed Filters	CIP0190_P	-	15,005,000	-	-	-	15,005,000
Water Reclamation General Construction Fund	Conserv II Nutrient Removal and Treatment	CIP0274_P	2,000,000	13,000,000	-	-	-	15,000,000
Water Reclamation General Construction Fund	Conserv II RIB Site 1 & 10 Expansion	CIP0118_P	-	-	-	-	4,000,000	4,000,000
Water Reclamation General Construction Fund	Easterly Wetlands Parking Lot Improvement	CIP0270_P	350,000	-	-	-	-	350,000
Water Reclamation General Construction Fund	Inflow & Infiltration Reduction Project	CIP0248_P	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Water Reclamation General Construction Fund	Iron Bridge Biosolids Disposal Improvements	CIP0236_P	500,000	10,000,000	5,000,000	-	-	15,500,000
Water Reclamation General Construction Fund	Iron Bridge Power Generation Improvements		-	-	-	-	2,250,000	2,250,000
Water Reclamation General Construction Fund	Iron Bridge Reclaim Pump Station Improvements		-	-	-	-	1,250,000	1,250,000
Water Reclamation General Construction Fund	Lift Station 248 Replacement		-	-	-	-	500,000	500,000
Water Reclamation General Construction Fund	Lift Station 249 Rehabilitation	CIP0275_P	1,000,000	6,000,000	-	-	-	7,000,000
Water Reclamation General Construction Fund	Lift Station 55 Replacement	CIP0260_P	-	4,850,000	-	-	-	4,850,000
Water Reclamation General Construction Fund	Lift Station Odor Control	CIP0177_P	1,000,000	250,000	-	-	-	1,250,000
Water Reclamation General Construction Fund	Lift Station Rehabilitation	CIP0103_P	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Water Reclamation General Construction Fund	Lift Station Telemetry Replacement	CIP0106_P	-	3,000,000	1,000,000	3,000,000	-	7,000,000
Water Reclamation General Construction Fund	Lift Station Underground Rehabilitation	CIP0071_P	-	3,000,000	3,000,000	3,000,000	3,000,000	12,000,000
Water Reclamation General Construction Fund	Lift Stations Electrical Safety Improvements	CIP0178_P	250,000	2,000,000	250,000	2,000,000	-	4,500,000
Water Reclamation General Construction Fund	Lift Stations Emergency Generators	CIP0217_P	-	2,500,000	3,000,000	3,000,000	3,000,000	11,500,000
Water Reclamation General Construction Fund	Line Sewers	CIP0105_P	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Water Reclamation General Construction Fund	LS 1,2, and 3 Force Main	CIP0135_P	21,000,000	1,200,000	-	5,000,000	1,000,000	28,200,000
Water Reclamation General Construction Fund	Rapid Response Construction	CIP0055_P	2,500,000	1,000,000	1,000,000	1,000,000	1,000,000	6,500,000
Water Reclamation General Construction Fund	Reclaimed Water System Valve Replacements	CIP0250_P	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	5,500,000
Water Reclamation General Construction Fund	Sanitary Service Lateral Rehabilitation	CIP0200_P	-	750,000	1,000,000	1,000,000	1,000,000	3,750,000
Water Reclamation General Construction Fund	Sanitary System Corrosion Abatement	CIP0201_P	-	2,000,000	1,500,000	2,000,000	2,000,000	7,500,000
Water Reclamation General Construction Fund	Sewage Air Release Valve Replacement	CIP0114_P	-	2,000,000	1,500,000	2,500,000	-	6,000,000
Water Reclamation General Construction Fund	Transmission System Master Study		-	750,000	-	-	-	750,000

CIP Report - Non-Recurring Totals	\$	85,503,312	\$	196,043,149	\$	116,153,858	\$	116,757,689	\$	94,946,831	\$	609,404,839
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CAPITAL IMPROVEMENT PROGRAM

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TYPE OF SERVICE:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	ORLANDO VENUES DEPARTMENT	22-VEN-002	Amway Center Repair and Replacement							VEN0002_P	0
DIVISION:	ORLANDO VENUES	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:											
Annual contribution from the Orlando Venues Enterprise Fund for the repair and replacement of various equipment and infrastructure primarily at Amway Center. Over time, equipment and infrastructure will deteriorate through consistent use so it is important that Venues sets aside funds to replace aging materials.											
Venues has a plan to repair or replace interior and exterior finishes within Amway, repair or replace technology (like LED displays and security cameras), and electrical and plumbing equipment.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
PROJECT RANKING											
									Department Rating	3.	
									CIE Requirement	N	
CONTACT:											
REMARKS											
Recurring? No											
SERVICE AREA											
LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
4002	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$0	\$0	\$5,000,000		
ALL	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$0	\$0	\$5,000,000		
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:	Economic Development	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	ECONOMIC DEVELOPMENT	22-PER-001	Economic Development Information System							PER0002_P	0
DIVISION:	PERMITTING SERVICES	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:											
Continued funding for Economic Development's, Economic Development Information System. This has been an ongoing project that is attempting to take all of Economic Development's core functions, like permitting, code enforcement, and planning and allow them to conduct business through one web based system. For example, it would allow the customer to access and pay for building permits online and allow for employees to review and return corrections all online. Similarly, customers could access code enforcemnt violations and pay quickly online.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
PROJECT RANKING											
Department Rating								4 .			
CIE Requirement								N			
CONTACT:											
REMARKS											
Recurring? No											
SERVICE AREA											
LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1110	\$1,970,000	\$0	\$0	\$0	\$0	\$1,970,000	\$0	\$0	\$1,970,000		
ALL	\$1,970,000	\$0	\$0	\$0	\$0	\$1,970,000	\$0	\$0	\$1,970,000		
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: 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 aabilitation, public service activities, public facilities and infrastructure ovvements, and assistance to the homeless population and persons with HIV/AIDS.</p>						Department Rating		1.	
						CIE Requirement			
						CONTACT: Oren Henry		4072462328	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
<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 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>						SERVICE AREA			
						Citywide			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$5,000,000	\$5,000,000	\$5,000,000	\$2,000,000	\$17,000,000	\$0	\$3,000,000	\$20,000,000
ALL	\$0	\$5,000,000	\$5,000,000	\$5,000,000	\$2,000,000	\$17,000,000	\$0	\$3,000,000	\$20,000,000
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			

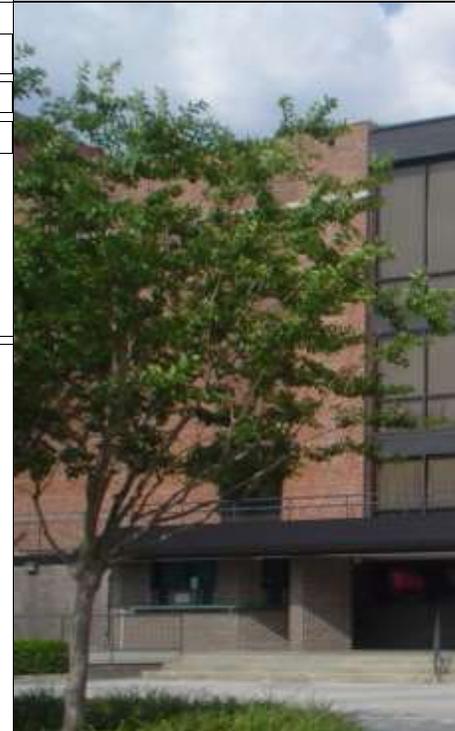


TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: ORLANDO VENUES DEPARTMENT		21-VEN001		Amway Center Seating Retracts				0	
DIVISION: ORLANDO VENUES		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
Amway Center seating retracts are used to help with transtioning between Magic games, Solar Bear game, and Concerts held at the arena. Mechanics and equipment for this is becoming outdated.						Department Rating		3.	
						CIE Requirement		N	
						CONTACT: Charlie Leone		4074407060	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
In order to maintain the timeliness of these changeovers , we must get up to date mechanizms and equipment.						SERVICE AREA			
						Amway Center			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$5,497,680	\$6,000,000	\$0	\$0	\$11,497,680	\$0	\$0	\$11,497,680
ALL	\$0	\$5,497,680	\$6,000,000	\$0	\$0	\$11,497,680	\$0	\$0	\$11,497,680
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:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																					
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	21-FAC-002	Amway Retro Commissioning							TBD	0																																																					
DIVISION:	FACILITIES MGMT.	PRIORITY: Future Need/Planned Expansion																																																														
PROBLEM IDENTIFICATION OR NEED:																																																																
<p>This project aims to build on recent HVAC and lighting improvements to the Amway center and perform a retro commissioning effort throughout the building.</p> <p>The Commissioning Process is the quality-oriented process for achieving, evaluating, and documenting that the performance of buildings, systems, and assemblies meets defined objectives and criteria. A third party engineering firm will provide commissioning services (Cx) for the project as generally outlined in the AABC Commissioning Group (ACG) Commissioning Guideline and ASHRAE Standard 202, Commissioning Process for Buildings and Systems.</p>																																																																
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																
<p>Retro-commissioning is a process to improve the efficiency of an existing building's equipment and systems. It can often resolve problems that occurred during design or construction, or address problems that have developed throughout the building's life as equipment has aged, or as building usage has changed. Industry standard calls for complex buildings to perform retro commissioning every five years. The Amway was constructed in 2010 and it is not clear if there was ever a facility wide effort to retro commission the building systems.</p> <p>Capital: \$175,000; Implementation: \$170,000; Total: \$345,000</p> <p>Capital: \$135,000; 15% Mark-Up: \$20,250; 10% Labor: \$13,500; 5%; Contingency: \$6,750; Total: \$175,500 (\$175,000 rounded).</p> <p>Implementation of recommendations by City Facilities staff: \$53,000 Test and balance contractor; \$78,400 Controls support; \$13,130 Construction admin fees; \$21,680 - 15% Fac mark up. Total: \$166,221 (\$170,000 rounded).</p>																																																																
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																							
3001	\$0	\$345,000	\$0	\$0	\$0	\$345,000	\$0	\$0	\$345,000																																																							
ALL	\$0	\$345,000	\$0	\$0	\$0	\$345,000	\$0	\$0	\$345,000																																																							
<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="6">SOURCE:</td> </tr> <tr> <td colspan="6">Total Annual Income</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																																																													
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SOURCE:																																																																
Total Annual Income																																																																
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CONTACT: Ian Lahiff	4072463853																																																															
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TYPE OF SERVICE:	Public Facilities	PROJECT NUMBER	PROJECT NAME:	FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	16-FAC-021	Bob Carr	FAC0021_P	0				
DIVISION:	FACILITIES MGMT.	PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
Full roof replacement necessary as current roof is nearly 20 years old and incurred further damage due to Hurricane Irma in September 2017.				Department Rating	2.				
HVAC system replacement necessary as current system components are failing and system only functions at 60% capacity. HVAC system incurred further damage due to Hurricane Irma in September 2017.				CIE Requirement	N				
				CONTACT: David L. Dunn, CF 4072463873					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				Recurring? No					
Full roof replacement estimated at \$1,980,000 (\$975,000 of which was hurricane damage).				SERVICE AREA					
HVAC system replacement estimated at \$1,870,000.				DOWNTOWN					
Total: \$3,850,000				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$3,850,000	\$0	\$0	\$0	\$3,850,000	\$0	\$465,462	\$4,315,462
ALL	\$0	\$3,850,000	\$0	\$0	\$0	\$3,850,000	\$0	\$465,462	\$4,315,462
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-001	Bridge Maintenance and Repair							STW0088_P	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):																			
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.										Recurring?	No								
										SERVICE AREA									
										Citywide									
										LOCATION									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																			
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total										
3001	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000	\$0	\$250,000	\$875,000										
1100	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000	\$0	\$125,000	\$750,000										
ALL	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$0	\$375,000	\$1,625,000										
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: Economic Development		PROJECT NUMBER		PROJECT NAME:						FINANCIAL PROJECT #		PAGE							
DEPARTMENT: ORLANDO VENUES DEPARTMENT		22-OSO002		Camping World Stadium Concourse Lights								0							
DIVISION: ORLANDO VENUES		PRIORITY: Repair / Replacement																	
PROBLEM IDENTIFICATION OR NEED:																			
<p>Current lighting system is inefficient and is not performing as originally designed. It is now operating at 40%. It is important for patron's safety during for events. Currently lighting as it stands now leaves dark areas throughout the building in patrons' walkway.</p> <p>*Photo is one of many lights that is slowly becoming inoperable*</p>																			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																			
<p>Replacing the old lighting system with a new LED lighting system. The new system will create a safe environment for our fans and patrons. This will meet the city's Green Work initiative and its sustainability goals.</p>																			
<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Recurring?</td> <td style="text-align: left;">No</td> </tr> <tr> <td colspan="2" style="text-align: center;">SERVICE AREA</td> </tr> <tr> <td colspan="2" style="text-align: center;">Camping World Stadium</td> </tr> <tr> <td colspan="2" style="text-align: center;">LOCATION</td> </tr> </table>												Recurring?	No	SERVICE AREA		Camping World Stadium		LOCATION	
Recurring?	No																		
SERVICE AREA																			
Camping World Stadium																			
LOCATION																			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																			
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total										
3001	\$0	\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$400,000										
ALL	\$0	\$400,000	\$0	\$0	\$0	\$400,000	\$0	\$0	\$400,000										
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: Public Safety		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: POLICE DEPARTMENT		22-OPD-004		Control Station Replacement				0	
DIVISION: POLICE ADMINISTRATIVE SERVICES		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED: Replace (25) Back up Control Stations						PROJECT RANKING Department Rating 1. CIE Requirement N			
						CONTACT: Rebecca Gregory 3212355314			
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Per FDLE Communication Plan,2018; Control stations should be replaced every 10 years. Current Back up control stations are past their end of life cycle. They need to be replaced with the latest technology in equipment to ensure we have back up capabilities. Control stations are used to allow for communication if the radio consoles go down. These control stations are crucial to continued service if there is a major failure of the console.						Recurring? No			
						SERVICE AREA			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$260,000	\$0	\$0	\$0	\$260,000	\$0	\$0	\$260,000
ALL	\$0	\$260,000	\$0	\$0	\$0	\$260,000	\$0	\$0	\$260,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
Replace (25) Back up Control Stations		10/1/2021	9/30/2022	\$260,000		Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE: Total Annual Income			

TYPE OF SERVICE:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	22-FLT-001	Convert Two CNG Bays							TBD	0
DIVISION:	FACILITIES MGMT.	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
<p>Fleet continues to change out the make-up of Fleet Vehicles to support the goals identified in GRENNWORKS Orlando requiring our Fleet to operate on 100% Alternative Fuels by 2030. Consequently the number of Compressed Natural Gas (CNG) fueled vehicles has increased dramatically over the past three years. The Fleet Garage is not currently configured to support driving the CNG fueled vehicles into the mechanics bays and often work must be performed outside in the elements unless we defuel the vehicles.</p>											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
<p>We have a design for converting two of our current Fleet Heavy Side bays to be configured and support work on CNG fueled vehicles inside. We propose moving forward with the bid and renovation effort to meet our current and future needs.</p>											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$0	\$425,000	\$0	\$0	\$0	\$425,000	\$0	\$0	\$425,000		
ALL	\$0	\$425,000	\$0	\$0	\$0	\$425,000	\$0	\$0	\$425,000		
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:	Economic Development	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	ECONOMIC DEVELOPMENT	21-EDV-001	Creative Village							EDV0004_P	0
DIVISION:	ECONOMIC DEV. ADMIN.	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
\$400,000 for the Maintenance contract, as well as \$100,000 for items such as lighting, repairs, events, and contingency for items not covered under the maintenance contract											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
PROJECT RANKING											
Department Rating								1.			
CIE Requirement								N			
CONTACT: Lusbeth Perez											
REMARKS											
Recurring? No											
SERVICE AREA											
LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000		
ALL	\$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				\$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.	19-TRE-002	Decorative Lighting / Street Lighting	TBD	0				
DIVISION:	TRANS. ENGINEERING	PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<p>The project addresses the need to improve elements of neighborhoods and to mitigate impacts on residential streets in neighborhoods. Public spaces, such as parks and near lakes, require pedestrian scale lighting with aesthetic quality. A policy has been adopted to address requests for residential neighborhoods.</p> <p>A specific area has been identified for funding in FY22 - Lee Vista Blv from Covington Cove Way to SR 417. Crash records indicate a need for improved illumination for enhanced public safety.</p>				<p>Department Rating 2.</p> <p>CIE Requirement</p>					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Chris Cairns					
<p>Provide decorative style lighting in public parks and around public spaces such as lakes. Establish a program to coordinate with residents and provide decorative street lighting for residential streets in neighborhoods on a first come-first serve basis. Property owner special assessments would be utilized to match City share in order to advance projects or fully fund projects.</p> <p>For Lee Vista Blvd - the solution would be to fill in existing gaps with infrastructure provided by Duke Energy. The proposed design includes black poles and underground cabling to match existing conditions west of the project area. The total project requires 41 street light poles, estimated at \$406,000. Transportation is requesting to split fund this project 50/50 with the other 50% coming from Transportation Safety Project TRN0001_P. The addition of 41 street lights would increase operating expenses approx \$1,930/mo/fixutre.</p> <p>Estimated Request: \$100,000</p>				REMARKS					
				Annual funding was provided for decorative lighting in the CIP Fund (3001_F) until FY09, when funding ceased due the recession and budgetary cuts.					
				Special Assessment Fund (1001_F) will contribute 50% of funding.					
				Recurring? No					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000
ALL	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$0	\$0	\$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				\$23,000	
				Other Capital Costs				\$0	
				Total Annual Operating Costs:				\$23,000	
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: Public Facilities		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		22-FAC-001		Dover Shores Emergency Transfer Switch		FAC0025_P		0	
DIVISION: FACILITIES MGMT.		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
Emergency Auto Transfer Swith Connection to Support a 750KW 208/120V 304 Emergency Generator.						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Ian Lahiff		4072463853	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
ATS Design has been completed along with HVAC design.						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$110,025	\$0	\$0	\$0	\$110,025	\$0	\$0	\$110,025
ALL	\$0	\$110,025	\$0	\$0	\$0	\$110,025	\$0	\$0	\$110,025
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:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	22-DUB-001	Dubsdread Interior and Exterior LED Lighting							TBD	0
DIVISION:	FACILITIES MGMT.	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
Existing failures and security issues from inadequate lighting Dubsdread Golf Course parking light retrofit was requested by the facility manager as the lot lights are old and many are damaged. This causes a low light/security issue situation as patrons access the facility in early morning or after nightfall.											
								PROJECT RANKING			
								Department Rating	2.		
								CIE Requirement	N		
								CONTACT: Ian Lahiff	4072463853		
REMARKS											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Existing failures and security issues from inadequate lighting at Dubsdread Golf Course parking light retrofit was requested by the facility manager as the lot lights are old and many are damaged. This causes a low light/security issue situation as patrons access the facility in early morning or after nightfall.											
25% annual payback over 5 years for interior; 18% annual payback over 5 years parking for exterior											
								Recurring?	No		
SERVICE AREA											
CITYWIDE											
LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$0	\$390,738	\$0	\$0	\$0	\$390,738	\$0	\$0	\$390,738		
ALL	\$0	\$390,738	\$0	\$0	\$0	\$390,738	\$0	\$0	\$390,738		
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:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																																																														
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	22-FAC-002	Emergency Support							TBD	0																																																																																														
DIVISION:	FACILITIES MGMT.	PRIORITY: Existing Deficiency																																																																																																							
PROBLEM IDENTIFICATION OR NEED:																																																																																																									
<p>This project will identify emergency support and facility repair needs, assess their size and scope and develop high-level plans to address them for facilities city-wide. A key component of the effort is to prioritize facility projects in an environment when demand exceeds available funding. This project will focus on facilities and activities that are critical to the City's daily operations and operating during and after natural disasters. Types of activities funded within this project include major repairs and services such as back-up generators, HVAC Equipment and replacement, and repairs to the plumbing infrastructures, and emergency connection support.</p>																																																																																																									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																																																									
<p>- City Stores Back Up Generator - \$197,600 - Radio Shop Back Up Generator - \$144,100 - Fire Station #1 HVAC Replacement - \$1,005,926 - City Hall Motor Control Ctr Replacement and Emergency Connection Support - \$1,645,000 • Phase I - Planning - 6 months • Phase II - Procurement - 3 months • Phase III - Installation - 3 weeks - Fire Station #5 Dedicated Outside Air System and Envelope Repair - \$161,184 - OPD Crime Scene Facilities Back Up Generator - \$338,100 - City Hall CHW and Water Leak Prevention and Alert - \$243,966 (Option III) Option I "Good" - Point detectors and isolation valves at critical locations only. (e.g. basement AHU, CHW and domestic pump rooms, data</p>																																																																																																									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																																																									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																																																																
3001	\$0	\$3,735,876	\$0	\$0	\$0	\$3,735,876	\$0	\$0	\$3,735,876																																																																																																
ALL	\$0	\$3,735,876	\$0	\$0	\$0	\$3,735,876	\$0	\$0	\$3,735,876																																																																																																
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TYPE OF SERVICE:	Public Safety	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	FIRE DEPARTMENT	22-OFD-01	Fire Station 20 - Poitras								0
DIVISION:	FIRE-RESCUE OPERATIONS	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
<p>Construct a 4-bay fire station to support the growth in population in southeast Orlando. This is the first phase of funding. Total 3-year capital request is for \$9,435,000 Once constructed, the new station will add an estimated \$3.2M to annual operating costs.</p> <p>\$780K requested in FY22 is \$30K to submit an RFP and \$750K for design.</p>										PROJECT RANKING	
										Department Rating	2.
										CIE Requirement	N
										CONTACT: Tysha Resnick	4072463131
										REMARKS	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										Recurring?	No
Design/build TWO 4-bay Fire Stations										SERVICE AREA	
FY22 Design phase: \$780K (\$30K to submit an RFP and \$750K for design)										Lake Nona	
FY23 Build phase: \$8.25M (\$7.5M x 5% (5% annual increase so 2x for two years out)) - \$9M total Design (\$750K)/ Build (\$8.25M) (does not include RFP cost \$30K)										LOCATION	
FY24 Apparatus: \$1.185M (Civilian Ambulance \$325K; Engine \$785K; District \$75K)											
Personnel											
FY24 \$3.18M											
Civilian Para/EMT (13 personnel) \$780K											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$0	\$0	\$780,000	\$8,250,000	\$3,180,000	\$12,210,000	\$0	\$0	\$12,210,000		
ALL	\$0	\$0	\$780,000	\$8,250,000	\$3,180,000	\$12,210,000	\$0	\$0	\$12,210,000		
PROJECT COST BY PHASE										IMPACT ON OPERATING COST (+-)	
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
				Salaries, Wages, Benefits				\$3,180,000			
				Operating Costs				\$0			
				Other Capital Costs				\$0			
				Total Annual Operating Costs:				\$3,180,000			
				SOURCE:							
				Total Annual Income							

TYPE OF SERVICE:	Public Safety	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																												
DEPARTMENT:	FIRE DEPARTMENT	21-OFD-003	Fire Stations #8 (Storey Park) & #19 (Vista Park)							0	PROJECT RANKING																												
DIVISION:	FIRE ADMINISTRATION	PRIORITY: Critical Deficiency																																					
PROBLEM IDENTIFICATION OR NEED:										1.																													
<p>Number of existing and and expected rooftops going up in the Lake Nona area creates a critical need for added coverage in this area.</p> <p>Each station will be four bay fire station needed to house fire personnel and apparatus.</p> <p>FY22 Design phase: \$1.56M (\$780K per station: \$30K to submit an RFP and \$750K for design)</p> <p>Construct (2) 4-bay fire stations to support the growth in population in southeast Orlando (Storey Park will be located off Dowden Road). This is the first phase of funding. Total 3-year capital request is for \$9,435,000 (includes apparatus). Once constructed, the new stations will add an estimated \$3.2M to annual operating costs (per station).</p>											N																												
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										CONTACT: Tysha Resnick	4072463131																												
Design/build TWO 4-bay Fire Stations										REMARKS																													
FY22 Design phase: \$1.56M TOTAL for 2 FS (\$780K per station: \$30K to submit an RFP and \$750K for design)										Recurring? No																													
FY23 Build phase (EACH STATION): \$8.25M (\$7.5M x 5% (5% annual increase so 2x for two years out)) - \$9M total Design (\$750K)/ Build (\$8.25M) (does not include RFP cost \$30K)										SERVICE AREA																													
FY24 Apparatus (EACH STATION): \$1.185M (Civilian Ambulance \$325K; Engine \$785K; District \$75K)										Lake Nona																													
Personnel (EACH STATION)										LOCATION																													
FY24 \$3.18M																																							
Civilian Para/EMT (13 personnel) \$780K																																							
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																							
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FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																														
3001	\$0	\$1,560,000	\$16,500,000	\$1,185,000	\$0	\$19,245,000	\$0	\$0	\$19,245,000																														
ALL	\$0	\$1,560,000	\$16,500,000	\$1,185,000	\$0	\$19,245,000	\$0	\$0	\$19,245,000																														
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)																																		
Project Phasing		Estimated Time		Estimated Cost																																			
Description		From To																																					
Apparatus - Civilian Ambulance, Engine, District Truck		10/1/2023 9/30/2024		\$2,370,000		Salaries, Wages, Benefits \$6,360,000																																	
Station Build		10/1/2022 9/30/2023		\$8,250,000		Operating Costs \$0																																	
Design		10/1/2021 9/30/2022		\$600,000		Other Capital Costs \$0																																	
						Total Annual Operating Costs: \$6,360,000																																	
						SOURCE:																																	
						Total Annual Income _____																																	

TYPE OF SERVICE: Public Safety		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: FIRE DEPARTMENT		21-OFD-004		Fire Tower Truck - Lake Nona area				0	
DIVISION: FIRE-RESCUE OPERATIONS		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
Number of existing and and expected rooftops going up in the Lake Nona area creates a need for added coverage in this area.						Department Rating 4.			
With the addition of FS18, a tower truck is being requested to service this area						CIE Requirement N			
						CONTACT: Tysha Resnick 4072463131			
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
Request new tower truck to service heavily expanded area of Lake Nona, near the Storey Park properties									
Apparatus FY23 \$1.2M									
Personnel(17 personnel)FY23 \$2.2M									
						Recurring? No			
						SERVICE AREA			
						Lake Nona			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$1,200,000	\$0	\$0	\$0	\$1,200,000	\$0		
ALL	\$0	\$1,200,000	\$0	\$0	\$0	\$1,200,000	\$0		
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$2,200,000	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$2,200,000	
SOURCE:									
Total Annual Income									

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: Critical 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 8, 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> <p>Existing Deficiency to Priority: Critical Deficiency</p> <p>Construct a consolidated Training, Supply and Administration building for OFD. This is the second year of a multi-year request, totaling \$26,440,000. FY21 CIP request was \$3.5M and \$500K was funded. This facility has been requested as Mid FL Tech Fire Academy is closing in 2023.</p>				<p>Department Rating 1.</p> <p>CIE Requirement N</p>						
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Tysha Resnick 4072463131						
<p>Consolidating 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>**Site assessment currently being secured to provide more detailed information and assessment of land and needs</p> <p>PHASE I – Training Props FY22 \$3.5M May include Hazardous Materials Prop, Liquid Petroleum, Burn Building, Search Maze, Flashover Simulator, Training Tower, electrical emergency, structural/collapse, vehicle machinery, compressor, and restrooms</p> <p>PHASE II – Administration / Classrooms/ Logistics Building FY22 \$16M</p>				REMARKS						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				Recurring? No						
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total	SERVICE AREA
3001	\$6,040,000	\$20,000,000	\$0	\$0	\$0	\$26,040,000	\$0	\$500,000	\$26,540,000	AZALEA PARK
ALL	\$6,040,000	\$20,000,000	\$0	\$0	\$0	\$26,040,000	\$0	\$500,000	\$26,540,000	LOCATION
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:				
Description		From	To							
Phase II - Administration / Classrooms / Logistics Building / Apparatus Storage		10/1/2021	9/30/2022	\$20,000,000						
Phase I - Training Props		10/1/2020	9/30/2021	\$6,040,000						

Total Annual Income

TYPE OF SERVICE:	Recreation & Culture	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	ORLANDO VENUES DEPARTMENT	22-LEU004	Idea Garden Pavilion Upgrade								0
DIVISION:	H P LEU GARDENS	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING	
<p>Located in the three-acre Idea Garden, the Idea Garden Pavilion was created in 2003 to provide an outdoor garden demonstration space. The space is presently used for horticulture and culinary classes. Due to its unique "open" architectural style, the 1500 s.f. building is not climate controlled and therefore has limited usefulness in the high temperatures and humidity of Orlando summers and the cold temperatures in the winter.</p>										Department Rating	1.
										CIE Requirement	N
										CONTACT: Robert Bowden	4072462625
										REMARKS	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
<p>By enclosing the structure with folding glass walls and installing climate control measures, the space could be utilized twelve months a year. This will help generate more revenue for the garden by providing more useful assistance to the garden during the high temperature and high humid seasons.</p>											
										Recurring?	No
										SERVICE AREA	
										Leu Gardens - Audubon Park	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$0	\$184,000	\$0	\$0	\$0	\$184,000	\$0	\$0	\$184,000		
ALL	\$0	\$184,000	\$0	\$0	\$0	\$184,000	\$0	\$0	\$184,000		
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.		09-TMD-001		Information Technology Enhancements		TMD0003_P		0	
DIVISION: TECHNOLOGY MANAGEMENT		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
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	
						CONTACT: Rosa Akhtarkhava 4072462124			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						REMARKS			
FY 21/22 Request: \$380,000						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.			
Additional funding needed for Enterprise File Storage/SAN Upgrade.									
FY2020/21 Placeholder: \$2,079,880									
Antivirus replacement - Due to company acquisition we're seeing degraded service in end-user device security and changes in licensing model to subscription. IT is currently looking for alternatives. (Security Risk). - \$240,000 (Priority #1)						Projects identified were approved based on prioritization; however, are subject to change if deemed necessary by city staff.			
Internet Service Provider Replacement - Replacement of current Spectrum contract that ended December 2019, but has been extended for another year. ITN was issued. Expenses include professional services and overlap of services. - \$270,000 (Priority #1)						Recurring?		No	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR						SERVICE AREA			
						CITYWIDE			
						LOCATION			
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$380,000	\$0	\$0	\$0	\$0	\$380,000	\$22,344,356	\$18,265,000	\$40,989,356
ALL	\$380,000	\$0	\$0	\$0	\$0	\$380,000	\$22,344,356	\$18,265,000	\$40,989,356
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						



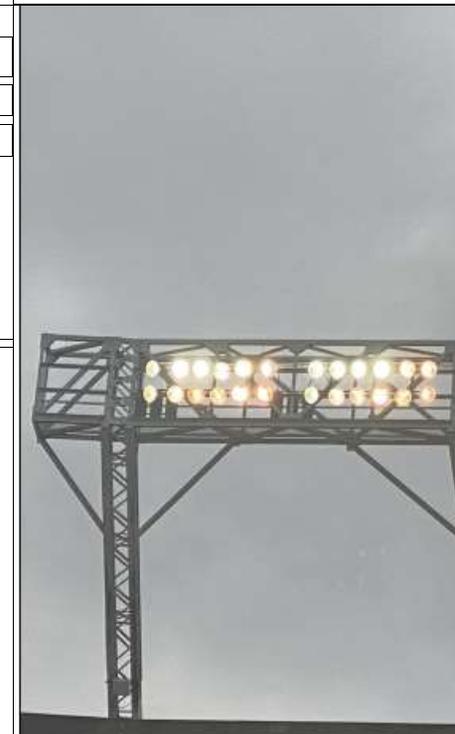
TYPE OF SERVICE:	General Government	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	18-TMD-007	Information Technology Hardware & Software Updates							TMD0007_P	0
DIVISION:	TECHNOLOGY MANAGEMENT	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
Enterprise-level funding to facilitate life-cycle, upgrades and replacements of personal computer hardware, software, and associated peripherals.											
To purchase additional devices. The type and quantity will be determined once everyone is back to the office and decision is made on who will be needing what. Also, because of shift to a more mobile workforce and laptops becoming primary device for many people, we will need to purchase additional docking station to allow the laptop to be configured to work with monitors and accessories. We are looking at potentially 300 additional docking stations.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
FY2021/22 - \$500,000											
	Est Rate	Est Qty*	Amount								
Laptop	\$1,350	200	\$270,000								
Docking station	\$160	200	\$64,000								
LTE	\$150	200	\$30,000								
Monitors	\$190	300	\$57,000								
Contingency			\$80,000								
Total			\$501,000								
*Quantities of all items will vary depending on the employee transitioning back to the office environment and the switch to a more mobile											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$210,000	\$710,000		
ALL	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$210,000	\$710,000		
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	2.4
CIE Requirement	N
CONTACT: Rosa Akhtarkhava 4072462124	
REMARKS	
Recurring?	No
SERVICE AREA	
CITYWIDE	
LOCATION	



TYPE OF SERVICE:	Economic Development	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																																														
DEPARTMENT:	ORLANDO VENUES DEPARTMENT	22-LEU003	Irrigation Replacement and Tree Removal								0																																																																														
DIVISION:	H P LEU GARDENS	PRIORITY: Existing Deficiency																																																																																							
PROBLEM IDENTIFICATION OR NEED:																																																																																									
<p>The collections of plants at Harry P. Leu Gardens has increased to more than 6500 different kinds of plants in the last 25 years and is considered to be one of the premiere collections in the SE United States. Many of the plants are considered rare, endangered or threatened with extinction and Leu Gardens acts as an exiting conservation location. The underground metal pipe irrigation system presently used at Leu Gardens was installed by Mr. Leu in the early 1940's. It has deteriorated to the point that very little water travels through the pipe because of significant rust accumulation.</p> <p>Leu Gardens has been devastated by two category four hurricanes in the last fifteen years. Trees that posed a threat to person or property were removed immediately after the storms passed. Over the last fifteen years and as a result of the storms and accounting for "old age," many trees continue to deteriorate and now need to be removed or safety pruned.</p>																																																																																									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																																									
<p>The entire metal pipe system should be replaced with a more modern and efficient PVC pipe system. The existing 8" water main, which is made of concrete and asbestos, should be replaced with safe and efficient PVC in order to meet the City's substaniability goals. The entire system should be replaced incrementally over the next five years.</p> <p>The entire tree canopy should be evaluated while dead or dying trees be removed and replaced incrementally over the next three years. This will help increase the cosmetic look environmentally to the gardens and remove safety hazards to the property and patrons.</p>																																																																																									
<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Recurring?</td> <td style="text-align: left;">No</td> </tr> <tr> <td colspan="2" style="text-align: center;">SERVICE AREA</td> </tr> <tr> <td colspan="2" style="text-align: center;">Leu Garden</td> </tr> <tr> <td colspan="2" style="text-align: center;">LOCATION</td> </tr> </table>										Recurring?	No	SERVICE AREA		Leu Garden		LOCATION																																																																									
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FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																																																
3001	\$0	\$250,000	\$0	\$0	\$0	\$250,000	\$0	\$0	\$250,000																																																																																
ALL	\$0	\$250,000	\$0	\$0	\$0	\$250,000	\$0	\$0	\$250,000																																																																																
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PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)																																																																																				
Project Phasing		Estimated Time		Estimated Cost																																																																																					
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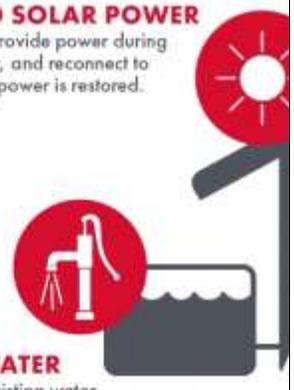
TYPE OF SERVICE:	Economic Development	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	ORLANDO VENUES DEPARTMENT	22-OSO001	LED Sports Lights (Energy Efficiency)								0
DIVISION:	ORLANDO VENUES	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING	
The current lighting system has reached it's life expectancy and were are not able to obtain any service or maintenance support plans. The replacement and repair parts to repair the system in the event of failure increased to several months of lead time which could impact major events if the system becomes inoperable.										Department Rating	3.
										CIE Requirement	N
										CONTACT: Charles Leone	4074407060
										REMARKS	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
The new LED lights will be energy efficient and help the city meet it's sustainability goals. It will provide cost savings to the venue's utility bills. In addition to cost savings, the upgrade will help the venue compete and attract major national and international sporting events.											
										Recurring?	No
										SERVICE AREA	
										Camping World Stadium	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$0	\$2,000,000	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000		
ALL	\$0	\$2,000,000	\$0	\$0	\$0	\$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:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	22-FAC-004	Lightning Protection Enhancements							TBD	0
DIVISION:	FACILITIES MGMT.	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
Lightning strikes to facilities in the vicinity of the Orlando Executive Airport have significantly impacted operations at the Orlando Operations/Emergency Operations Center for years and the installation of lightning protection enhancements has completely eliminated further impacts. The other critical facilities located in this same vicinity are still experiencing lightning related damage and the installation of similar lightning protection enhancements to the Crime Scene Facility, Gun Range, Records/Permitting Facility and Horse Barn are intended to better protect these facilities from lightning damage.											
From FY19-21:											
OCC sustained \$10,219 in lightning damage Other City facilities \$193,567 in lightning damage											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Design and install similar lightning protection enhancements already placed in service on the Orlando Operations/Emergency Operations Center for these effected facilities.											
Add lightning protection to Crime Scene Facility, horse barn, and OPD gun range											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$0	\$325,000	\$0	\$0	\$0	\$325,000	\$0	\$0	\$325,000		
ALL	\$0	\$325,000	\$0	\$0	\$0	\$325,000	\$0	\$0	\$325,000		
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.	21-TSP-001	LYMMO Bus Replacement - Local Match								0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING	
Central Florida Regional Transportation Authority (LYNX) submitted a grant application to the Federal Transit Authority (FTA) for FY 2022 for the deployment of zero-emission buses.										Department Rating 4.	
Deployment of zero-emission buses offers numerous benefits to our community. Zero-emission technologies not only reduce energy consumption compared to standard vehicle propulsion technologies, but also reduce harmful emissions that directly impact the local community. In addition, this will enhance the the rider experience through the quiet, clean operation of the buses. This grant application supports LYNX's initiative to replace six (6) additional conventionally fueled vehicles in their fleet with battery electric buses. The grant proposal is consistent with the City of Orlando 2018 Community Action Plan, a 5-year roadmap that was approved by the Orlando City Council. This plan includes a commitment to transition the LYMMO service to an all-electric, zero-emission fleet.										CIE Requirement N	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										CONTACT: Claudia Korobkoff	
In support of this project, the City has committed to funding a local match in the amount of \$960,000, and will be including in the annual LYNX Funding Agreement in the appropriate fiscal year (FY2022).										REMARKS	
										Recurring? No	
										SERVICE AREA	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$960,000	\$0	\$0	\$0	\$0	\$960,000	\$0	\$0	\$960,000		
ALL	\$960,000	\$0	\$0	\$0	\$0	\$960,000	\$0	\$0	\$960,000		
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:	Public Safety	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	POLICE DEPARTMENT	22-OPD-005	Mobile Radio Replacement								0
DIVISION:	POLICE ADMINISTRATIVE SERVICES	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING	
Replace (25) Mobile Radios										Department Rating	1.
										CIE Requirement	N
										CONTACT: Rebecca Gregory	3212355314
										REMARKS	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Per FDLE Communication Plan,2018; Mobiles should be replaced every 8 years. Mobiles which need replacing include by not limited to; SWAT, MCC, DVRS, TRP, Aluma Trailer. These units are all used during critical incidents and allow for seamless communication between local agencies. All mobile radio equipment in these units are no longer manufactured by Motorola and cannot be repaired if broken or damaged.											
										Recurring?	No
										SERVICE AREA	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$0	\$175,000	\$0	\$0	\$0	\$175,000	\$0	\$0	\$175,000		
ALL	\$0	\$175,000	\$0	\$0	\$0	\$175,000	\$0	\$0	\$175,000		
PROJECT COST BY PHASE											
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
Replace (25) Mobile Radios		10/1/2021	9/30/2022	\$175,000							
						Salaries, Wages, Benefits	\$0				
						Operating Costs	\$0				
						Other Capital Costs	\$0				
						Total Annual Operating Costs:	\$0				
						SOURCE:					
						Total Annual Income					

TYPE OF SERVICE:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																					
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	21-FAC-001	Neighborhood Center Resilience Hubs							TBD	0																																																					
DIVISION:	FACILITIES MGMT.	PRIORITY: Future Need/Planned Expansion																																																														
PROBLEM IDENTIFICATION OR NEED:																																																																
<p>This effort aims to leverage the trusted and well-utilized community-serving neighborhood centers through the City of Orlando. For the vast majority of time, neighborhood centers operate in normal conditions with reliable power delivered from the grid. During power outages or post natural disasters, these buildings are not capable of maintaining operation and are not equipped with the infrastructure to hook up a generator or temporary air conditioning.</p> <p>Typically, backup power strategies rely on onsite standby generators (diesel, natural gas or propane) to deliver a bare minimum of operational capability most often to provide safe egress. During normal building operation standby generators do not provide any added value to the facility and incur maintenance costs. The City of Orlando community centers are not equipped with on-site back-up generators or accommodations for roll-up rental generators.</p>																																																																
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																
<p>Design/Planning (10% design costs of infrastructure upgrades)</p> <ul style="list-style-type: none"> • College Park (FY22 CIP) • Primrose (FY22 CIP) <p>Amount: \$33,333</p> <p>Construction (Cost of installing electrical upgrades, including transfer switches, to allow the building to connect to mobile power source, materials, 15% markup, 10% labor, 5% contingency for 6 centers.)</p> <ul style="list-style-type: none"> • College Park (FY22 CIP) • Primrose (FY22 CIP) <p>Amount: \$333,333</p>																																																																
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																							
3001	\$0	\$1,863,000	\$0	\$0	\$0	\$1,863,000	\$0	\$0	\$1,863,000																																																							
ALL	\$0	\$1,863,000	\$0	\$0	\$0	\$1,863,000	\$0	\$0	\$1,863,000																																																							
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<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>WHAT IS A RE</p> <p>OFF GRID SOLAR POWER Designed to provide power during an emergency, and reconnect to the grid once power is restored.</p> <p>CLEAN WATER Reinforcing existing water systems so communities have access to safe drinking water.</p> </div> <div style="width: 35%; text-align: right;">  </div> </div>																																																																

TYPE OF SERVICE:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																																																																		
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	22-FAC-007	OPD Gun Range HVAC and Lighting Control Upgrades							TBD	0																																																																																																		
DIVISION:	FACILITIES MGMT.	PRIORITY: Existing Deficiency																																																																																																											
PROBLEM IDENTIFICATION OR NEED:																																																																																																													
<p>The City of Orlando Gun Range is a highly used facility to train local and federal law enforcement and has a total of three ranges that provide unique training scenarios. The facility was built in 2010 and the HVAC is nearing the end of life. All ranges provide ventilation for the space which is critical to mitigate lead inhalation of personnel training inside the facility. Additionally, two of three ranges provide heating and cooling to maintain comfort. The addition of heating/cooling of the third range would open that range to year round training. Currently, during the hottest parts of the year, the unconditioned range is closed.</p> <p>Replacement of the outdated lighting control system. No longer manufacturer supported and incompatible with modern LED lighting. OPD training simulates lowlight/strobing and multi scenario shooting to effectively train officers and outside agencies. Project cost includes design.</p>																																																																																																													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																																																													
<p>To prevent the contamination of lead throughout the facility and to personnel training and working within, the installation of HVAC for all three ranges require installation by an expert, additional ducting, and reinforced plating to prevent stray ammunition. This CIP project would include the replacement of two range systems, and installation of the third.</p> <p>Replacement of the outdated lighting control system.</p>																																																																																																													
<table border="1"> <tr> <td colspan="2">Recurring?</td> <td colspan="9">No</td> </tr> <tr> <td colspan="11">SERVICE AREA</td> </tr> <tr> <td colspan="11">CITYWIDE</td> </tr> <tr> <td colspan="11">LOCATION</td> </tr> </table>											Recurring?		No									SERVICE AREA											CITYWIDE											LOCATION																																																																	
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FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																																																																				
3001	\$0	\$2,761,186	\$0	\$0	\$0	\$2,761,186	\$0	\$0	\$2,761,186																																																																																																				
ALL	\$0	\$2,761,186	\$0	\$0	\$0	\$2,761,186	\$0	\$0	\$2,761,186																																																																																																				
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TYPE OF SERVICE:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE	
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	22-FAC-006	OPD Headquarters Solar Parking							TBD	0	
DIVISION:	FACILITIES MGMT.	PRIORITY: Existing Deficiency										
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING		
Shade and renewable energy installation with public visibility.										Department Rating	2.	
										CIE Requirement	N	
										CONTACT: Ian Lahiff	4072463853	
										REMARKS		
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):												
Scope: cover condensing yard and reserved parking. PV power can be tied into adjacent HVAC yard panel. -- Potentially 150KW. 115'x90' area. SW new parking area.										Recurring?	No	
										SERVICE AREA		
										CITYWIDE		
										LOCATION		
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR												
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total			
3001	\$0	\$1,509,651	\$0	\$0	\$0	\$1,509,651	\$0	\$0	\$1,509,651			
ALL	\$0	\$1,509,651	\$0	\$0	\$0	\$1,509,651	\$0	\$0	\$1,509,651			
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:	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:				Department Rating	1 . 4				
Enterprise-level funding to facilitate life-cycle upgrades and replacements of internal telephone system components. Includes hardware, software, and implementation services.				CIE Requirement	N				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Rosa Akhtarkhava 4072462124					
FY22 - \$871,055 (Priority #1)				REMARKS					
Detailed listing of anticipated projects in FY2020/21 below:				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.					
Phone System Upgrade Estimated total budget \$1M. RFP is currently out and final number will come after solicitation is closed. (End of Life) - \$871,055				Projects identified were approved based on prioritization; however, are subject to change if deemed necessary by city staff.					
Detailed listing of anticipated projects in FY2019/20 below:				Recurring?	No				
Phone System Upgrade - Primary CIP project \$500,000.00				SERVICE AREA					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				CITYWIDE					
				LOCATION					
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$871,055	\$0	\$0	\$0	\$871,055	\$0	\$0	\$871,055
ALL	\$0	\$871,055	\$0	\$0	\$0	\$871,055	\$0	\$0	\$871,055
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: Public Safety		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: POLICE DEPARTMENT		22-OPD-002		Portable Radio Replacement				0	
DIVISION: POLICE ADMINISTRATIVE SERVICES		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
Replace (973) Police portable radios - Total project cost: \$6,677,717						Department Rating 1.			
						CIE Requirement N			
						CONTACT: Rebecca Gregory 3212355314			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						REMARKS			
Leading edge radio technology allows Officer to use either standard radio system or LTE system for communications. Per the State of Florida Law Enforcement Communication Plan, 2018; Portables should be replaced every 6years. OPD has 627 radios over 10 years old.									
Motorola will entertain a \$800.00 per radio, trade-in if: We make a purchase of 950 radios or more, Motorola received a P.O. by Oct 31, 2021 and the radios can be shipped by Dec 15, 2021.						Recurring? No			
Additionally, Motorola is offering 0% interest for three years.						SERVICE AREA			
Radio Model Quantity Trade in Value Trade Total						LOCATION			
XTS/XTL 831 \$800.00 \$664,800									
APX 142 \$800.00 \$113,600									
Total:\$778,400									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$2,400,000	\$2,138,858	\$2,138,858	\$0	\$6,677,716	\$0	\$0	\$6,677,716
ALL	\$0	\$2,400,000	\$2,138,858	\$2,138,858	\$0	\$6,677,716	\$0	\$0	\$6,677,716
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To							
0% Lease Payment - Year 3		10/1/2023 9/30/2024		\$2,138,858		Salaries, Wages, Benefits \$0			
0% Lease Payment - Year 2		10/1/2022 9/30/2023		\$2,138,858		Operating Costs \$437,850			
Replace (973) Police portable radios - Year 1 0% Lease - Down Payment		10/1/2021 9/30/2022		\$2,400,000		Other Capital Costs \$0			
						Total Annual Operating Costs: \$437,850			
						SOURCE:			
						Total Annual Income _____			
						 <p>Date:</p> <p>Financing proposal for:</p> <p>Motorola Solutions Credit Com Motorola Communications sub</p> <p>Transaction Type:</p> <p>Lessor:</p> <p>Lessee:</p> <p>Amount:</p> <p>Down Payment:</p> <p>Balance to Finance:</p> <p>Equipment:</p> <p>Title:</p>			

TYPE OF SERVICE: Public Safety		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: POLICE DEPARTMENT		22-OPD-003		Radio System Site Antenna Replacement				0	
DIVISION: POLICE ADMINISTRATIVE SERVICES		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED: Replace (20) receive/transmit antennas - 5 sites. (15) Transmit (5) Receive						PROJECT RANKING Department Rating 1. CIE Requirement N			
						CONTACT: Rebecca Gregory 3212355314			
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION): Per FDLE Communication Plan, 2018; Antennas should be replaced every 12 years. The antenna system was last replaced in 2002. Current Antenna system, which is 19 years old, is past their end of life cycle. This is a Critical Infrastructure needed for the Radio System. The antenna system is an integral part of the radio infrastructure. If there is a failure of the antennas, the radio system will no longer function. No communication via the radios will be available for Public Safety or General Government. Many parts of the infrastructure cannot be purchased due to the age. And, the new parts will not work with our current Antenna System. These systems are made to endure harsh weather. Due to on going maintenance, our system has few failures. However, due to the age of the system, this may not continue. A failure would mean immediate replacement is necessary and could be delayed depending on the state of the economy. A planned replacement of the Antenna equipment will ensure the system will continue to work seamlessly for all Public Safety and Government users.						Recurring? No			
						SERVICE AREA			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$425,000	\$0	\$0	\$0	\$425,000	\$0	\$0	\$425,000
ALL	\$0	\$425,000	\$0	\$0	\$0	\$425,000	\$0	\$0	\$425,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
Replace (20) receive/transmit antennas - 5 sites. (15) Transmit (5) Receive		10/1/2021	9/30/2022	\$425,000		Salaries, Wages, Benefits		\$0	
						Operating Costs		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE: Total Annual Income			

TYPE OF SERVICE:	General Government	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																																																														
DEPARTMENT:	EXECUTIVE OFFICES	22-CLK-001	Record Management and Preservation								0																																																																																														
DIVISION:	CITY CLERK	PRIORITY: Existing Deficiency																																																																																																							
PROBLEM IDENTIFICATION OR NEED:																																																																																																									
<p>Pursuant to City Code, the City Clerk is the custodian of all ordinances, records, files, books and papers of the City, all of which are deemed public records. As such, the Clerk's Office is responsible for the storage, archiving and retention of these documents. Over time the office has worked to transition as many records as possible to a digital format, but the storage system currently utilized (PaperVision) is not an intelligent repository and thus cannot easily be indexed, searched, or used for other digital processes. Additionally, there are certain forms of records that require special expertise or equipment to convert to a digital format, and for anything that cannot be converted and/or requires permanent retention, extra steps are needed to ensure archival preservation.</p>																																																																																																									
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																																																									
<p>To ensure that records are preserved for future reference or public records requests and can be accessed in an efficient manner, a two-phase project is requested to improve our records system and address records that are not currently digitalized.</p> <p>Phase One – Laserfiche Deployment: Deploy the Laserfiche records repository, migrate our existing digital records from PaperVision to the new system, and train staff on how to use it. Laserfiche is an intelligent repository that addresses our need for record indexing, searching, and integration with other digital processes. This effort would also facilitate us expanding use of the system beyond the Clerk's Office, to begin working towards centralizing the storage of departmental records.</p> <p>Phase Two – Microfilm Digitizing and Physical Record Preservation: Convert our physical microfilm records into a digital format so that they can also be stored in the Laserfiche repository. The films themselves are</p>																																																																																																									
<p style="text-align: center;">PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR</p> <table border="1"> <thead> <tr> <th>FUND</th> <th>2021/22</th> <th>2022/23</th> <th>2023/24</th> <th>2024/25</th> <th>2025/26</th> <th>FIVE YR</th> <th>LATER</th> <th>PRIOR</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>3001</td> <td>\$100,000</td> <td>\$200,000</td> <td>\$100,000</td> <td>\$0</td> <td>\$0</td> <td>\$400,000</td> <td>\$0</td> <td>\$0</td> <td>\$400,000</td> </tr> <tr> <td>ALL</td> <td>\$100,000</td> <td>\$200,000</td> <td>\$100,000</td> <td>\$0</td> <td>\$0</td> <td>\$400,000</td> <td>\$0</td> <td>\$0</td> <td>\$400,000</td> </tr> </tbody> </table>										FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total	3001	\$100,000	\$200,000	\$100,000	\$0	\$0	\$400,000	\$0	\$0	\$400,000	ALL	\$100,000	\$200,000	\$100,000	\$0	\$0	\$400,000	\$0	\$0	\$400,000																																																																		
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																																																																
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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	16-FPR-006	Recreation Pools & Courts							REC0007_P	0
DIVISION:	RECREATION	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
High utilization of our Specialty Athletics requires a commitment to ongoing repairs, replacements and renovations.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
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.											
FY21/22 - \$290,000											
Resurface pool decks - Northwest											
FY22/23 - \$390,000											
Resurface pool deck - Hankins											
2 Cargo Vans - Aquatics/Mobile Recreation											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$1,450,000	\$0	\$970,000	\$2,420,000		
ALL	\$290,000	\$290,000	\$290,000	\$290,000	\$290,000	\$1,450,000	\$0	\$970,000	\$2,420,000		
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	2.
CIE Requirement	
CONTACT: Tyrone Walker	4072464298
REMARKS	
Recurring?	No
SERVICE AREA	
CITYWIDE	
LOCATION	



TYPE OF SERVICE: Public Safety		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: FIRE DEPARTMENT		21-OFD-001		Rehab Unit / Incident Recovery				0	
DIVISION: FIRE-RESCUE OPERATIONS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
No existing post incident recovery option to provide a cool environment for personnel to cool down, rehydrate, and promote recovery from fire events and/or training events following exposure to extreme heat						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Tysha Resnick		4072463131	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
Add large, dedicated rescue truck used post incident to help with incident recovery by providing a cool environment for personnel to cool down, rehydrate, and promote recovery from fire events and/or training events following exposure to extreme heat No added staffing						SERVICE AREA			
						All			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$0	\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$0	\$600,000
ALL	\$0	\$600,000	\$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				\$74,000	
				Other Capital Costs				\$0	
				Total Annual Operating Costs:				\$74,000	
				SOURCE:					
				Total Annual Income					

TYPE OF SERVICE: Public Facilities		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		20-FAC-001		Renewable Energy for City Facilities		FAC0026_P		0	
DIVISION: FACILITIES MGMT.		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
At the August 8, 2017, the Orlando City Commission unanimously approved a resolution to transition the City to 100% clean and renewable energy by 2050. Specifically, the resolution also called for all City facilities to be powered by renewables by 2030.						Department Rating		4 .	
This CIP request is the first step towards attaining this goal. Staff has identified 18 City facilities where solar panels and batteries can be installed to increase their dependency on renewable energy.						CIE Requirement		N	
						CONTACT: Ian Lahiff		4072463853	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
FY 2021/2022 - OPD Training Facility, Dr. Smith Community Ctr, Englewood Community Ctr and College Park Neighborhood Ctr.						SERVICE AREA			
Early estimates to have all City facilities run on 100% renewable energy by 2030 will be \$60 million over 10 years.						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$1,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$25,000,000	\$35,827,466	\$2,338,503	\$63,165,969
ALL	\$1,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$25,000,000	\$35,827,466	\$2,338,503	\$63,165,969
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:	Public Safety	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																					
DEPARTMENT:	FIRE DEPARTMENT	21-OFD-002	Retrofitting Fire Stations								0																																																					
DIVISION:	FIRE-RESCUE OPERATIONS	PRIORITY: Existing Deficiency																																																														
PROBLEM IDENTIFICATION OR NEED:																																																																
<p>As the Orlando Fire Department continues to work toward more inclusive areas for current and newly hired female firefighters, the need to retrofit existing fire stations with female facilities will continue to rise.</p> <p>Add facilities for both genders in 14 existing stations. Cost estimated at \$250,000 per facility.</p> <p>This project is supported as part of the Mayors Initiative on Diversity.</p>																																																																
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																
<p>Need to add female facilities (showers, restrooms, etc.) where possible. Although there may be spatial limitations within certain stations, effort will be made where possible. Extent of renovation in each station will determine oversight, either Facilities or Public Works.</p> <p>Quotes pending - estimate approximately \$250K per station</p>																																																																
<table border="1"> <tr> <td colspan="2">Recurring?</td> <td colspan="9">No</td> </tr> <tr> <td colspan="11">SERVICE AREA</td> </tr> <tr> <td colspan="11">Various station locations</td> </tr> <tr> <td colspan="11">LOCATION</td> </tr> </table>											Recurring?		No									SERVICE AREA											Various station locations											LOCATION																				
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FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																							
3001	\$0	\$3,500,000	\$0	\$0	\$0	\$3,500,000	\$0	\$0	\$3,500,000																																																							
ALL	\$0	\$3,500,000	\$0	\$0	\$0	\$3,500,000	\$0	\$0	\$3,500,000																																																							
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PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+/-)																																																												
Project Phasing	Estimated Time		Estimated Cost																																																													
Description	From	To																																																														
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TYPE OF SERVICE:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	22-FAC-003	Roofs Past Their Life Cycle							TBD	0
DIVISION:	FACILITIES MGMT.	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
These are roofs that are past their life cycle in need of replacement and not captured on other projects.											
FAC ROOFS CALLAHAN 276,210 CLAUDIA ALLEN SENIOR CENTER (partial) 75,000 COLLEGE PARK COMMUNITY CN 330,000 COLONIALTOWN 94,500 DR. SMITH CENTER (partial) 202,500 ENGELWOOD (partial) 147,750 HANKINS PARK 29,250											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Roof Replacements											
PROJECT RANKING											
Department Rating								2.			
CIE Requirement								N			
CONTACT: David L. Dunn, CF 4072463873											
REMARKS											
Recurring? No											
SERVICE AREA											
CITYWIDE											
LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$0	\$6,341,938	\$0	\$0	\$0	\$6,341,938	\$0	\$0	\$6,341,938		
ALL	\$0	\$6,341,938	\$0	\$0	\$0	\$6,341,938	\$0	\$0	\$6,341,938		
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.	21-TRE-002	Sign/Signal Shop								0																																																																																																						
DIVISION:	TRANS. ENGINEERING	PRIORITY: Critical Deficiency																																																																																																															
PROBLEM IDENTIFICATION OR NEED:																																																																																																																	
<p>The current location of Transportation's Sign and Signal Shop located at 1214 Westmoreland Drive. The facility is a multipurpose building for specialized work areas, equipment/supply storage, and serves as a field operations center for these functions in emergency operations like post-hurricane. Storage is the biggest need. Storage in the current building is inadequate to store beyond minimal inventory, including large items like traffic signal cabinets and high volume items like signs. There is a need for specialized storage for materials like chemicals and rechargeable batteries. Increased area for specialized work is also needed to better accommodate activities such as bench testing multiple controller cabinets and fabricating signs. Parking is inadequate to accommodate all employees, city vehicles, and visitors, which leads to visitors creaking parking in other work areas. Another area of concern is the location of the current facility with the growing expansion of services in the southeast sector. The commute/response time to and from the current location is inefficient.</p>																																																																																																																	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																																																																	
<p>Request to relocate to a larger facility (approx. 30,000 square foot) to accommodate the storage and functionality needs outlined above. A more centralized location would increase response time for emergencies/normal field operations to all areas of the city. Thus, increasing production and response times for emergencies/normal operations.</p>																																																																																																																	
<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Recurring?</td> <td style="text-align: left;">No</td> </tr> <tr> <td colspan="2" style="text-align: center;">SERVICE AREA</td> </tr> <tr> <td colspan="2" style="text-align: center;">Citywide</td> </tr> <tr> <td colspan="2" style="text-align: center;">LOCATION</td> </tr> </table>											Recurring?	No	SERVICE AREA		Citywide		LOCATION																																																																																																
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FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																																																																								
3001	\$0	\$0	\$0	\$0	\$12,810,000	\$12,810,000	\$0	\$0	\$12,810,000																																																																																																								
3001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0																																																																																																								
ALL	\$0	\$0	\$0	\$0	\$12,810,000	\$12,810,000	\$0	\$0	\$12,810,000																																																																																																								
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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																																																																																																
PROBLEM IDENTIFICATION OR NEED:																																																																																																		
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.																																																																																																		
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																																																		
<p>FY21/22 - \$1,600,000</p> <p>\$750,000 - Lake Eola Conceptual Master Plan Design \$250,000 - Bill Frederick Pavillion repairs \$350,000 - Bill Frederick Park Restrooms/two family restrooms, trail and roas to cabins \$250,000 - Camp/Park Store and WIFI ugrade for Gatehouse and Campground</p> <p>FY22/23 - \$7,850,000</p>																																																																																																		
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																																																		
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																																																									
3001	\$0	\$1,600,000	\$7,850,000	\$7,850,000	\$3,500,000	\$20,800,000	\$850,000	\$0	\$21,650,000																																																																																									
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TYPE OF SERVICE:	Community Infrastructure	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																																																																		
DEPARTMENT:	EXECUTIVE OFFICES	19-FAC-004	Smart Cities Capital Project							CAO0004_P	0																																																																																																		
DIVISION:	CHIEF ADMIN OFFICER	PRIORITY: Future Need/Planned Expansion																																																																																																											
PROBLEM IDENTIFICATION OR NEED:																																																																																																													
The City has a vision to use information and communication technologies, strategic planning and data analytics to make the critical infrastructure and services of Orlando more intelligent, interconnected and efficient - including city administration, public safety, built environment, transportation utilities, and more.																																																																																																													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																																																													
Previous FY funding includes a project to develop the initial smart city master plan and roadmap, which will provide initial direction to achieve the vision. It also included a smart street light pilot w/sensors and a multi-mode transit rewards app. This project includes ongoing updates to the smart city master plan and roadmap, which will be a live document. It also includes implementation of strategies identified in the plan as noted below.																																																																																																													
This current FY includes starting work on a smart parking interface, an integrated transit app, resiliency hubs, a digital twin (initial focus on public safety and resident experience, grow into overall IOT platform and GUI), working with local start-ups on tech such as recycling and affordable housing, a materials resource system study, enhancing food recovery, a smart building pilot with indoor positioning, and coordinating with the County on the Integrated Public Alert and Warning System.																																																																																																													
Various regional partners, such as Orange County, have been included in the Future ready / smart city plan. Some of the strategies are in																																																																																																													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																																																													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																																																																				
3001	\$0	\$900,000	\$0	\$0	\$0	\$900,000	\$0	\$1,300,000	\$2,200,000																																																																																																				
ALL	\$0	\$900,000	\$0	\$0	\$0	\$900,000	\$0	\$1,300,000	\$2,200,000																																																																																																				
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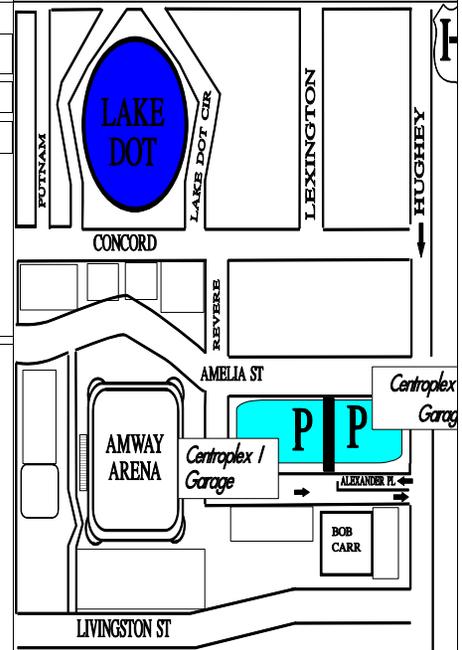
TYPE OF SERVICE:	General Government	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE										
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	21-ACL-001	Time Clock Replacement							TBD	0										
DIVISION:	ACCOUNTING & CONTROL	PRIORITY: Existing Deficiency																			
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING											
										Department Rating	2.										
																				CIE Requirement	N
										CONTACT: Jose Fernandez										4072462165	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										REMARKS											
Purchase 110 units in bulk for a total cost of \$205,128. Per unit price is \$1,865, after a \$500 trade-in credit is applied to each unit.										Recurring?	No										
110 Units (\$1,865 per unit): \$205,150 Contingency: \$44,850 Total: \$250,000										SERVICE AREA											
\$86,391 was budgeted in TMD0005_P (This is potential source for Time Clocks Replacement) FY2020/21 - \$86,391										Citywide											
Workday Time tracking - Additional funding needed for payroll timetracking project with Workday. Includes first year license. - \$86,391 (Priority #3)										LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																					
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total												
3001	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$250,000												
ALL	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0	\$0	\$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:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																					
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	20-REM-001	Upgrades to City Commons Plaza							TBD	0																																																					
DIVISION:	REAL ESTATE MGMT.	PRIORITY: Existing Deficiency																																																														
PROBLEM IDENTIFICATION OR NEED:																																																																
There are several areas in the City Commons Plaza where there are cracked marble tiles, cracked granite, and broken stone pavers, specifically at the base of the fountain.																																																																
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																
Replacement of cracked tiles, granite, and stone pavers. In some circumstances this may require replacing more than just the broken tiles in order for the area to not look patched. Furthermore, other areas we need to be replaced with brick and re-arrange the unbroken granite.																																																																
<ul style="list-style-type: none"> Granite paver grout repairs on plaza: \$507,060 Replace granite panels on fountain: \$87,060 Skate stops on new fountain panels: \$7,694 Contingency (20%): \$120,363 Project Total: \$722,177 																																																																
<ul style="list-style-type: none"> CNL/Piedmont Portion (66%): \$476,637 City of Orlando Portion (34%): \$245,540 																																																																
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																							
3001	\$0	\$250,000	\$0	\$0	\$0	\$250,000	\$0	\$0	\$250,000																																																							
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TYPE OF SERVICE:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	21-REM-002	Visitor Signage Improvements							TBD	0
DIVISION:	REAL ESTATE MGMT.	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
The SE corner of Boone and Anderson is encumbered by a signals project for another 8-10 months. The entry feature will provide improved signage for visitors coming to City Hall, CNL and DPAC. It is likely that these other entities would contribute.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Install new signage. Project: \$250,000 Contingency: \$50,000 Total: \$300,000											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$0	\$300,000	\$0	\$0	\$0	\$300,000	\$0	\$0	\$300,000		
ALL	\$0	\$300,000	\$0	\$0	\$0	\$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	\$0		
								Operating Costs	\$0		
								Other Capital Costs	\$0		
								Total Annual Operating Costs:	\$0		
								SOURCE:			
								Total Annual Income			
REMARKS											
Recurring? No											
SERVICE AREA											
CITY HALL											
LOCATION											
CONTACT: Laurie Botts 4072462653											

TYPE OF SERVICE:	General Government	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	21-TMD-001	Workday Projects							TMD0005_P	0
DIVISION:	TECHNOLOGY MANAGEMENT	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:								PROJECT RANKING			
See below								Department Rating		3.	
								CIE Requirement		N	
								CONTACT: Michelle McCrimm 4072462142			
								REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):								Recurring? No			
FY2021/22 - \$550,000								SERVICE AREA			
<ul style="list-style-type: none"> Human Resources - Applicant Tracking. This will benefit all departments across the City by streamlining the recruiting process by bringing that into Workday. Estimated cost is for Consultant time to plan, design, configure, and implement Applicant Tracking. Estimated costs - \$200,000 Procurement - Strategic Sourcing. This will benefit all departments across the City by streamlining the front-end of the solicitation process from receiving a request to issuing a solicitation. Features include the intake of new solicitation requests, project collaboration with customers, pipeline management and the building of IFBs, RFPs, etc. Other features available include reverse auctions, contract repository and supplier management. Estimated subscription costs are \$165,000 and estimated one-time consultant time for assistance with configuration is \$35,000. Total estimated costs - \$200,000 								CITYWIDE			
								LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$550,000	\$0	\$0	\$0	\$0	\$550,000	\$0	\$86,391	\$636,391		
ALL	\$550,000	\$0	\$0	\$0	\$0	\$550,000	\$0	\$86,391	\$636,391		
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-004	Amelia St Garage Repair and Maintenance	PKG0015_P	0				
DIVISION:	PARKING	PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
1. 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 costs.				Department Rating	7.9				
2. 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.				CIE Requirement	N				
3. 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.				CONTACT: Jerry Rivera	4072463764				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
1. Lighting Modernization - replace current lighting fixtures with newest technology LED fixtures. Lumens output per fixture must exceed IESNA minimum standards for parking garages. Work planned FY22.				Recurring?	No				
2. Upgrade landscape - Design and implement new landscaping and hardscape areas. Work planned FY24.				SERVICE AREA					
3. Elevator Modernization - 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. Work planned FY25.				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4130	\$100,000	\$0	\$100,000	\$150,000	\$0	\$350,000	\$0	\$0	\$350,000
ALL	\$100,000	\$0	\$100,000	\$150,000	\$0	\$350,000	\$0	\$0	\$350,000
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)		10/1/2024 9/30/2025		\$150,000					
Landscape Exterior Areas		10/1/2023 9/30/2024		\$100,000					
Lighting Modernization		10/1/2021 9/30/2022		\$150,000					

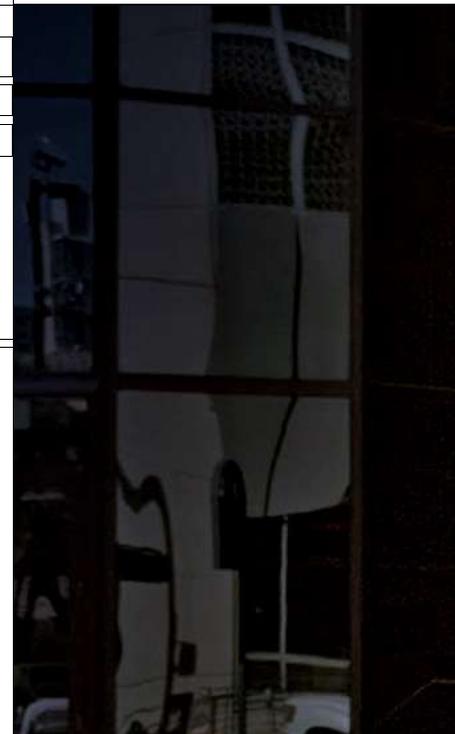


TYPE OF SERVICE: Economic Development		PROJECT NUMBER		PROJECT NAME:						FINANCIAL PROJECT #		PAGE																																																					
DEPARTMENT: ECONOMIC DEVELOPMENT		21-CRA-006		Business Recruitment & Retention						CRA0003_P		0																																																					
DIVISION: COMMUNITY REDEVELOPMENT AGE		PRIORITY: Critical Deficiency																																																															
PROBLEM IDENTIFICATION OR NEED:																																																																	
Business Retention Program Small Business Rental Assistance Retail Stimulus Program High Wage/High Value Program DOP Agreement (\$25,000) Starter Studio Agreement (\$125,000)																																																																	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																	
<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Recurring?</td> <td style="text-align: left;">No</td> </tr> <tr> <td colspan="2" style="text-align: center;">SERVICE AREA</td> </tr> <tr> <td colspan="2" style="text-align: center;">LOCATION</td> </tr> </table>												Recurring?	No	SERVICE AREA		LOCATION																																																	
Recurring?	No																																																																
SERVICE AREA																																																																	
LOCATION																																																																	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																	
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																								
1250	\$650,000	\$0	\$0	\$0	\$0	\$650,000	\$0	\$650,000	\$1,300,000																																																								
ALL	\$650,000	\$0	\$0	\$0	\$0	\$650,000	\$0	\$650,000	\$1,300,000																																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">PROJECT COST BY PHASE</th> <th colspan="2" style="text-align: left;">IMPACT ON OPERATING COST (+-)</th> </tr> <tr> <th style="width: 30%;">Project Phasing</th> <th colspan="2" style="width: 20%;">Estimated Time</th> <th style="width: 10%;">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 style="text-align: right;">\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Operating Costs</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Other Capital Costs</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Total Annual Operating Costs:</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td colspan="6">SOURCE:</td> </tr> <tr> <td colspan="6">Total Annual Income</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: Economic Development		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: ECONOMIC DEVELOPMENT		21-CRA-010		Community Outreach		CRA0024_P		0	
DIVISION: COMMUNITY REDEVELOPMENT AGE		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
CRA-funded initiatives to improve economic opportunities, business retention and job training in the downtown CRA area						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Tiffany Stephens			
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
Homeless Supportive Svcs Agreement (\$500,000) HCCH Outreach Agreement (\$64,000) Mens Service Center Agreement (\$200,000) Seniors First Agreement (\$48,837.09) Christian Service Center Proposal						SERVICE AREA			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$4,600,000	\$0	\$0	\$0	\$0	\$4,600,000	\$0	\$1,200,650	\$5,800,650
ALL	\$4,600,000	\$0	\$0	\$0	\$0	\$4,600,000	\$0	\$1,200,650	\$5,800,650
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: Economic Development		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: ECONOMIC DEVELOPMENT		CRA0026_P		Community Policing Innovations				0	
DIVISION: COMMUNITY REDEVELOPMENT AGE		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>The CRA will allocate fund balance to support enhanced community policing in the downtown area, in line with the CRA's goal of improving the perception and reality of safety within the area. This will be accomplished through a short-term increase in the visible presence of policing, with increased patrolling by both police officers and code enforcement officers, as well as the addition of more camera technology. Total funding of \$800,000 will be comprised of \$150,000 for police off duty; \$120,000 for the addition of 2 Code Enforcement Officers; \$430,000 for the purchase of new cameras in the downtown area; and \$100,000 as a contingency.</p>						Department Rating		1 .	
						CIE Requirement		N	
						CONTACT: Thuy Nguyen		4072462608	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						REMARKS			
						Recurring?		No	
						SERVICE AREA			
						Citywide			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$400,000
ALL	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0	\$0	\$400,000
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			

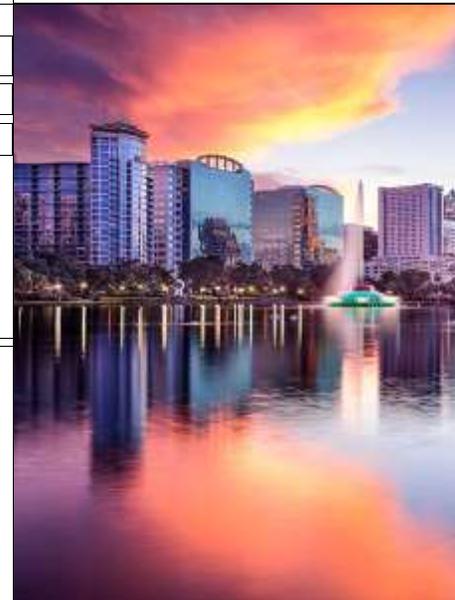
TYPE OF SERVICE:	Economic Development	PROJECT NUMBER	PROJECT NAME:	FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	ECONOMIC DEVELOPMENT	17-CRA-004	Downtown Lighting	CRA0011_P	0				
DIVISION:	COMMUNITY REDEVELOPMENT AGE	PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
Insufficient lighting for pedestrian areas scattered throughout downtown Orlando. Decorative lighting for key corridors is desired through this project as well.				Department Rating	2.				
				CIE Requirement	N				
				CONTACT: Mercedes Blanca 4072463625					
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				Recurring? No					
Lighting improvements needed throughout downtown to accommodate increased pedestrian traffic - we are working with OUC to tackle these problems. An RFP for permanent decorative lighting for the Orange Ave. cooridor will go out this summer to enhance the area year round.				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$500,000	\$1,000,000	\$800,000	\$800,000	\$800,000	\$3,900,000	\$0	\$1,650,000	\$5,550,000
ALL	\$500,000	\$1,000,000	\$800,000	\$800,000	\$800,000	\$3,900,000	\$0	\$1,650,000	\$5,550,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To			Salaries, Wages, Benefits			
Major Corridor Decorative Lighting		10/1/2020	9/30/2021	\$400,000		Operating Costs			
OUC Repair Work and Installation		10/1/2020	9/30/2021	\$800,000		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		16-CRA-003		DTO Implementation		CRA0017_P		0	
DIVISION: COMMUNITY REDEVELOPMENT AGE		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>DTOutlook provides the CRA with key initiatives and goals to accomplish which were based largely on input from downtown stakeholders, residents, and others during the Project DTO process. This project has been established to accomplish these items in order to continue to shape downtown Orlando into a world-class urban area.</p>						Department Rating		2.	
						CIE Requirement		N	
						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 DTOutlook. Projects will be short, mid, and long-term in nature.</p>						Recurring?		No	
						SERVICE AREA			
						DOWNTOWN			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$432,312	\$2,500,000	\$2,500,000	\$2,500,000	\$3,000,000	\$10,932,312	\$0	\$13,497,046	\$24,429,358
ALL	\$432,312	\$2,500,000	\$2,500,000	\$2,500,000	\$3,000,000	\$10,932,312	\$0	\$13,497,046	\$24,429,358
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To			Salaries, Wages, Benefits			
DTO Go		10/1/2020	9/30/2021	\$100,000		Operating Costs			
Bollards		10/1/2020	9/30/2021	\$1,600,000		Other Capital Costs			
Heritage Square		10/1/2020	9/30/2021	\$50,000		Total Annual Operating Costs:			
Chatham Avenue		10/1/2019	9/30/2021	\$1,500,000					
Pedestrian Wayfinding		10/1/2019	9/30/2021	\$740,000					
Downtown Master Plan		10/1/2019	9/30/2021	\$1,000,000					

TYPE OF SERVICE:	Economic Development	PROJECT NUMBER	PROJECT NAME:	FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	ECONOMIC DEVELOPMENT	21-CRA-003	Façade Grant Program	CRA0015_P	0				
DIVISION:	COMMUNITY REDEVELOPMENT AGE	PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
Building appearance plays an important role in creating the image of downtown. Funding for building façade and/or building stabilization improvements made to properties will encourage reuse of vacant or underutilized properties, improve appearance, and support the long-term viability of downtown Orlando. Over time, the taxable valuation of the improved properties will increase, thus increasing the amount of funds available to revitalize downtown Orlando.				Department Rating	3.				
*****FY22 AMOUNT IS A PLACEHOLDER*****				CIE Requirement	N				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Kimberley Allonce 4072462102					
The Downtown Commercial and Residential Improvement Program was created to address the oportunites highlighted above. Individual grant amounts vary between \$15,000 and \$120,000 per property owner or business owner.				REMARKS					
				Recurring?	No				
				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000	\$0	\$490,000	\$890,000
ALL	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000	\$0	\$490,000	\$890,000
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					
<p><small>Revised 6/15/22</small></p> <p>DOWNTOWN COMMERCIAL AND RESIDENTIAL BUILDING IMPROVEMENT PROGRAM Policies, Procedures and Conditions</p> <p>A. Purpose Building appearance plays an important role in creating the image of downtown commercial and residential building improvements ("Grants") made to properties reuse of vacant or underutilized properties, improve the appearance of existing support the long-term viability of downtown Orlando. Over time, the taxable improved properties will increase, thus increasing the amount of funds available downtown Orlando.</p> <p>B. Grant Structure and Criteria for Selection The Community Redevelopment Agency ("CRA") will oversee the Downtown Residential Building Improvement Program ("DORBIP"). Commercial and Residential will be eligible for façade and/or building stabilization improvements. A improvement is defined as the renovation/renovation of any element of an exterior that is visible from the street. A building stabilization improvement is ductile alterations or adaptations to buildings, or building system repair or replace undertaken as part of the process of rehabilitating, preserving, or restoring existing modern usage. Funding is based on budget availability and will be considered "first served" basis. Filing of an application does not guarantee funding. Applicants submitted with a detailed proposal of the improvement work, the cost of which reimbursed by this Program. However, no grants will be awarded retroactively, funding will not be awarded for improvement work that commenced prior to the the Funding Agreement. Applicants will be reviewed for completeness and program criteria. Projects that do not comply with the program criteria and are not eligible for funding. An authorized corporate officer or partners of the applicant sign the application, in addition to the property owner(s), if the applicant is the who are applying for a Grant must supply proof of a lease for the subject property at least three (3) years remaining in the lease term.</p> <p>Prior to consideration for Downtown Commercial and Residential Building Improvement funding, the subject property must be free from any liens (except mortgage lien encumbrances (except easements) of any kind, current with all City obligations, as with all City Code requirements. The CRA reserves the right to conduct for a 30 ownership and encumbrance report at the CRA's discretion, the cost for which from the Grant funds at the time of disbursement, if Program funding is approved.</p> <p>All applicants for program funding must submit to a criminal background check, it will be deducted from the Grant funds at the time of disbursement, if Grant fund if the applicant is a corporate entity, then the president, director, or manager applicant shall submit to a criminal background check. If the entity is a part partners must submit to a criminal background check. In order to be eligible for the must not have any of the following: a felony conviction or civil contempts within years, a felony conviction or civil contempts for financial economic crimes within (10) years, or a felony conviction or civil contempts for violent or heinous crime.</p>									

TYPE OF SERVICE: Economic Development		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: ECONOMIC DEVELOPMENT		21-CRA-001		Lake Eola CRA		CRA0009_P		0	
DIVISION: COMMUNITY REDEVELOPMENT AGE		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
Lake Eola Park is a major attraction to downtown Orlando bringing millions of visitors annually. As a result, the CRA in partnership with Parks, would like to ensure that the park continues to be a place that attracts locals and visitors alike to partake in various events, races, etc. that take place throughout the year.						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Mercedes Blanca 4072463625			
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
Support various Lake Eola Park initiatives, including major improvement projects, to ensure that the park remains attractive and a draw into the future.						SERVICE AREA			
						DOWNTOWN			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$1,000,000	\$1,400,000	\$1,500,000	\$200,000	\$200,000	\$4,300,000	\$0	\$1,000,000	\$5,300,000
ALL	\$1,000,000	\$1,400,000	\$1,500,000	\$200,000	\$200,000	\$4,300,000	\$0	\$1,000,000	\$5,300,000
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+-)			
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
Holiday Tree		10/1/2020	9/30/2021	\$100,000		Salaries, Wages, Benefits		\$0	
See Art Maintenance and Repair		10/1/2019	9/30/2021	\$75,000		Operating Costs		\$0	
Lake Eola Master Plan Implementation Projects		10/1/2020	9/30/2021	\$1,400,000		Other Capital Costs		\$0	
Lake Eola Master Plan Study		10/1/2019	9/30/2021	\$100,000		Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			



TYPE OF SERVICE:	Economic Development	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	ECONOMIC DEVELOPMENT	21-CRA-008	Minority/Women Entrepreneur Business Assistance							CRA0008_P	0
DIVISION:	COMMUNITY REDEVELOPMENT AGE	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
<p>In an effort to accomplish the objectives of Part III, Chapter 163, Florida Statutes, and further implement the Downtown Orlando Community Redelopment Plan adopted pursuant thereto, the CRA has adopted and established the Minority/women Entrepreneur Business Assistance Program, which provides CRA financial assistance towards certain specified start-up, retentio, or relocation costs and expenses for eligible enterprises within the Program's Target Area within Downtown Orlando.</p>											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
<p>PROJECT RANKING</p> <p>Department Rating 1 .</p> <p>CIE Requirement N</p>											
CONTACT:											
REMARKS											
<p>Recurring? No</p> <p>SERVICE AREA</p> <p>LOCATION</p>											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1250	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$100,000		
ALL	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$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							

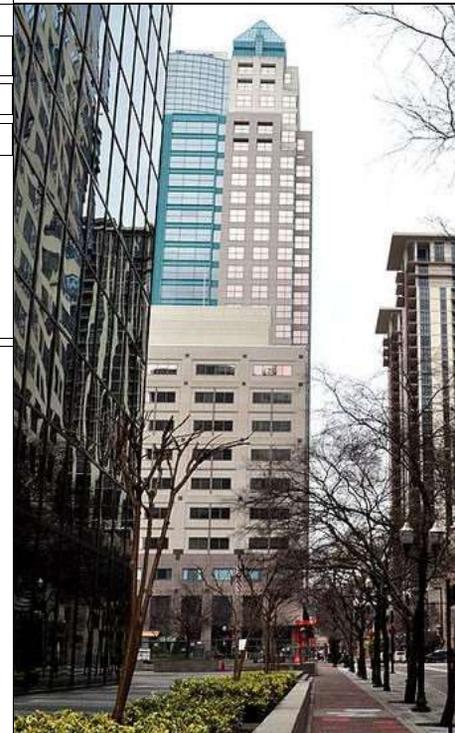
TYPE OF SERVICE:	Economic Development	PROJECT NUMBER	PROJECT NAME:	FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	ECONOMIC DEVELOPMENT	17-CRA-005	Parramore Housing Initiative	CRA0007_P	0				
DIVISION:	COMMUNITY REDEVELOPMENT AGE	PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
Increasing need for more affordable housing options in Central Florida - specifically in District 5. Need for rehabilitation of housing also exists.				Department Rating	2.				
				CIE Requirement					
				CONTACT: David Barilla	4072463703				
				REMARKS					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				Recurring? No					
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.				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$2,500,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,500,000	\$0	\$8,300,000	\$18,800,000
ALL	\$2,500,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,500,000	\$0	\$8,300,000	\$18,800,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
Parramore Oaks Phase I		10/1/2019	9/30/2021	\$1,148,000		Salaries, Wages, Benefits			
Infill Phase Ic		10/1/2019	9/30/2021	\$2,000,000		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		21-CRA-007		Parramore Task Force		CRA0006_P		0			
DIVISION: COMMUNITY REDEVELOPMENT AGE		PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING					
In an effort to revitalize the Parramore community by improving the neighborhood and creating a safe and clean environment, this project covers the clean-up, maintenance cost around the Parramore community area						Department Rating		1.			
						CIE Requirement		N			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						CONTACT:					
						REMARKS					
						Recurring?				No	
						SERVICE AREA					
						LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1250	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$25,000		
ALL	\$25,000	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$25,000		
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:	Economic Development	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	ECONOMIC DEVELOPMENT	21-CRA-005	Real Estate - CRA							CRA0022_P	0
DIVISION:	COMMUNITY REDEVELOPMENT AGE	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
Baptist Terrace - Immanent loss of 197 affordable senior housing units in the CRA.											
Clean Team Building - Downtown Clean Team has outgrown it's current facility and their storage area on Silvia Lane is no longer available due to Ultimate I-4. Downtown continues to grow and adequate office and storage space is needed.											
								PROJECT RANKING			
								Department Rating	2.		
								CIE Requirement	N		
								CONTACT: David Barilla	4072463703		
REMARKS											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Baptist Terrace - CRA funding secured affordability of 197 senior housing units in the CRA for a minimum of an additional 30 years.											
Clean Team - Construction of a new approx. 11K sqft office and storage facility for the Clean Team on city-owned property in Parramore.											
Recurring? No											
SERVICE AREA											
DOWNTOWN											
LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1250	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$0	\$2,500,000	\$7,500,000		
ALL	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$0	\$2,500,000	\$7,500,000		
											
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
Clean Team Building		10/1/2019	9/30/2021	\$4,000,000		Salaries, Wages, Benefits		\$0			
Baptist Terrace		10/1/2019	9/30/2021	\$1,000,000		Operating Costs		\$0			
						Other Capital Costs		\$0			
						Total Annual Operating Costs:		\$0			
						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 AGE		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
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		3.	
						CIE Requirement			
						CONTACT: Rondale Silcott		4072463603	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
Utilizing Clean Team and outside vendors to tackle trip hazards and unsightly streetscape in order of importance/priority. Paver & Sidewalk Repairs						SERVICE AREA			
						DOWNTOWN			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$500,000	\$250,000	\$500,000	\$0	\$0	\$1,250,000	\$0	\$1,450,000	\$2,700,000
ALL	\$500,000	\$250,000	\$500,000	\$0	\$0	\$1,250,000	\$0	\$1,450,000	\$2,700,000
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	21-CRA-002	Streetscape Matching							CRA0014_P	0
DIVISION:	COMMUNITY REDEVELOPMENT AGE	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:											
The streetscape in certain areas of downtown is in need of renovation or reconstruction, landscaping, lighting, and street furniture.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
In an effort to accomplish the objectives of Part III, Chapter 163, Florida Statutes and further implement the Downtown Orlando Community Redevelopment Plan adopted pursuant thereto, the CRA has adopted and established the Streetscape Cost Sharing Program (Program). Under the Program, which is included within the Downtown Streetscape Guidelines (Guidelines), the CRA provides financial assistance towards certain eligible streetscape projects within the Downtown Orlando Community Redevelopment Area (Area).											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1250	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000	\$0	\$300,000	\$1,300,000		
ALL	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$1,000,000	\$0	\$300,000	\$1,300,000		
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
The Beacham		10/1/2020	9/30/2021	\$75,000		Salaries, Wages, Benefits \$0					
Firestone		10/1/2020	9/30/2021	\$150,000		Operating Costs \$0					
						Other Capital Costs \$0					
						Total Annual Operating Costs: \$0					
						SOURCE: Total Annual Income					

TYPE OF SERVICE: Economic Development		PROJECT NUMBER: 18-CRA-001		PROJECT NAME: Under I Design		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: ECONOMIC DEVELOPMENT		18-CRA-001		Under I Design		CRA0019_P		0	
DIVISION: COMMUNITY REDEVELOPMENT AGE		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
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: Doug Metzger		4072463414	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
Design and implement an interactive zone underneath the new I4 interchange in downtown between Robinson Street and Church St.						SERVICE AREA			
						DOWNTOWN			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$2,500,000	\$2,000,000	\$2,500,000	\$0	\$0	\$7,000,000	\$0	\$5,250,000	\$12,250,000
ALL	\$2,500,000	\$2,000,000	\$2,500,000	\$0	\$0	\$7,000,000	\$0	\$5,250,000	\$12,250,000
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 9/30/2024		\$7,750,000					
Design		10/1/2019 9/30/2022		\$1,500,000					



TYPE OF SERVICE: Economic Development		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: ECONOMIC DEVELOPMENT		21-CRA-004		Venues & Open Spaces		CRA0021_P		0	
DIVISION: COMMUNITY REDEVELOPMENT AGE		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
Project DTO identified a need in downtown for more open space/parks and venues for the community to gather.						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Mercedes Blanca 4072463625			
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
The CRA is funding the construction and improvement of opens spaces in downtown. Currently, those spaces include Central Park in Creative Village, Orange Robinson Park in the Central Business District, and Checker Park in Parramore.						SERVICE AREA			
						DOWNTOWN			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000	\$0	\$1,500,000	\$5,500,000
ALL	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000	\$0	\$1,500,000	\$5,500,000
									
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From To							
Orange Robinson Park		10/1/2019 9/30/2021		\$2,200,000		Salaries, Wages, Benefits		\$0	
Checker Park		10/1/2020 9/30/2021		\$1,000,000		Operating Costs		\$0	
Central Park		10/1/2020 9/30/2021		\$5,500,000		Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE: Total Annual Income			

TYPE OF SERVICE:	Economic Development	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	ECONOMIC DEVELOPMENT	21-DDB-002	Farmers Market							DDB0004_P	0
DIVISION:	DOWNTOWN DEVELOPMENT BOARD	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
Annual funding that covers the management contract and provides OPD security services during the Farmers Market operating hours. These funds also allow for the repair and replacement of various Farmers Market equipment that the City provides. Finally, these funds are used for clean-up activities after the Farmers Market operating hours have ended.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
PROJECT RANKING											
Department Rating									1.		
CIE Requirement									N		
CONTACT: Tiffany Stephens											
REMARKS											
Recurring? No											
SERVICE AREA											
LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
4190	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$100,000		
ALL	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000	\$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											

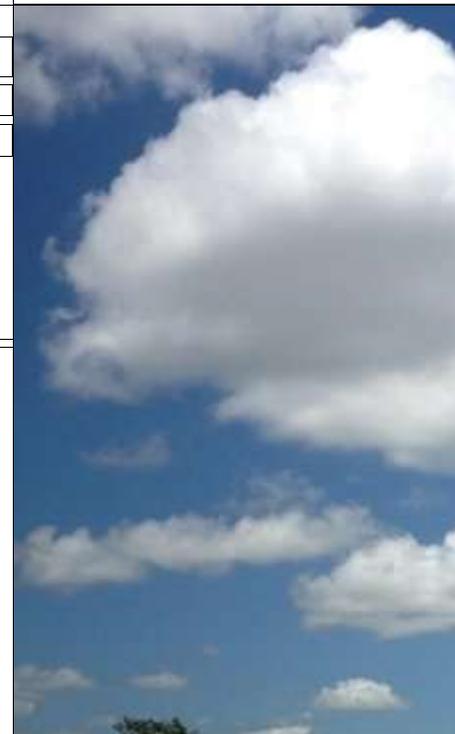
TYPE OF SERVICE: Economic Development		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: ECONOMIC DEVELOPMENT		21-DDB-001		Marketing - Downtown Development Board		DDB0001_P		0	
DIVISION: DOWNTOWN DEVELOPMENT BOARD		PRIORITY: Critical Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
Annual funds provided to pay the contract for the Marketing/PR firm that handles advertising in the DDB area. Similarly provides funds for any marketing materials necessary.						Department Rating		1.	
						CIE Requirement		N	
						CONTACT: Tiffany Stephens			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						REMARKS			
						Recurring?		No	
						SERVICE AREA			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4190	\$450,000	\$0	\$0	\$0	\$0	\$450,000	\$0	\$800,000	\$1,250,000
ALL	\$450,000	\$0	\$0	\$0	\$0	\$450,000	\$0	\$800,000	\$1,250,000
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					

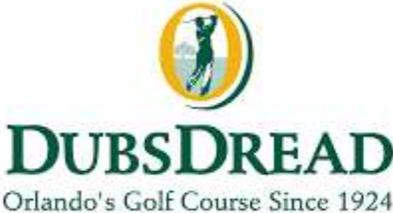
TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER		PROJECT NAME:						FINANCIAL PROJECT #		PAGE																																																																																															
DEPARTMENT: BUSINESS & FINANCIAL SVCS.		16-DUB-001		Dubsdread Clubhouse Improvements						DUB0004_P		0																																																																																															
DIVISION: DUBSDREAD GOLF COURSE		PRIORITY: Repair / Replacement																																																																																																									
PROBLEM IDENTIFICATION OR NEED:																																																																																																											
<p>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).</p> <p>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.</p>																																																																																																											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																																																											
<p>FY2021/22 - 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: \$50,000</p>																																																																																																											
<table border="1"> <tr> <td colspan="2">Recurring?</td> <td colspan="10">No</td> </tr> <tr> <td colspan="2">SERVICE AREA</td> <td colspan="10"></td> </tr> <tr> <td colspan="2">COLLEGE PARK</td> <td colspan="10"></td> </tr> <tr> <td colspan="2">LOCATION</td> <td colspan="10"></td> </tr> </table>												Recurring?		No										SERVICE AREA												COLLEGE PARK												LOCATION																																																											
Recurring?		No																																																																																																									
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PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																																																											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																																																																		
0016	\$0	\$75,000	\$50,000	\$50,000	\$50,000	\$225,000	\$0	\$166,000	\$391,000																																																																																																		
ALL	\$0	\$75,000	\$50,000	\$50,000	\$50,000	\$225,000	\$0	\$166,000	\$391,000																																																																																																		
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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:	DUBSDREAD GOLF COURSE	PRIORITY: Existing Deficiency									
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).											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
FY2020/21 - Driving Range Phase 1: Cost: \$200,000. Re-grass greens, replace top layer sod and fortify rough and fringe around green. Golf course resurfacing. Cost: \$750,000											
FY2021/22 - Driving Range Phase 2: Maintenance yard improvements and tree work. Cost: \$200,000											
FY2022/23 - Driving Range Phase 3: Replace netting at back of range near marsh. Cost: \$200,000											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
0016	\$190,000	\$200,000	\$25,000	\$50,000	\$50,000	\$515,000	\$0	\$801,794	\$1,316,794		
ALL	\$190,000	\$200,000	\$25,000	\$50,000	\$50,000	\$515,000	\$0	\$801,794	\$1,316,794		
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							

PROJECT RANKING	
Department Rating	2.
CIE Requirement	N
CONTACT: Rodney Reifsnider 4075065948	
REMARKS	
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.	
Recurring?	No
SERVICE AREA	
COLLEGE PARK	
LOCATION	



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:	DUBSDREAD GOLF COURSE	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:											
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).											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Purchase and replace out dated equipment.											
FY2019/20 - Miscellaneous equipment purchases. Cost: \$85,000											
FY2021/22 - Miscellaneous equipment purchases. Cost: \$100,000											
FY2022/23 - Spin Grinder, Heavy Duty Vehicle, Vertidrain Aerifier, Greens Aerifier, Top dresser. Cost: \$150,000											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
0016	\$65,000	\$50,000	\$75,000	\$50,000	\$50,000	\$290,000	\$0	\$456,000	\$746,000		
ALL	\$65,000	\$50,000	\$75,000	\$50,000	\$50,000	\$290,000	\$0	\$456,000	\$746,000		
											
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:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																					
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	21-FLT-001	Aeroclave/CNG Maintenance Bays							TBD	0																																																					
DIVISION:	FLEET MGMT.	PRIORITY: Future Need/Planned Expansion																																																														
PROBLEM IDENTIFICATION OR NEED:																																																																
Increased activities supporting all City cost centers assigned Fleet Assets to provide a means of decontaminating Fleet Assets that have biologic contamination, i.e., blood borne pathogens or contagious viral bacteria exposure.																																																																
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																
This facility will provide for expanded maintenance of Fleet Assets operating on Compressed Natural Gas, i.e., Solid Waste, Forestry, Parks, Water Reclamation, Streets & Stormwater City cost centers.																																																																
Building: \$1,100,000; Barrier \$1,300,000; Total: \$2,400,000																																																																
Construction of a Highway Sound Barrier type wall on the North end of the property has been identified as a prerequisite for any further development of the Fleet & Facilities Compound with a height of eighteen feet or more. The wall design is also at 100% design. Develop procurement docs and go out for bid.																																																																
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																							
5001	\$0	\$2,400,000	\$0	\$0	\$0	\$2,400,000	\$0	\$0	\$2,400,000																																																							
ALL	\$0	\$2,400,000	\$0	\$0	\$0	\$2,400,000	\$0	\$0	\$2,400,000																																																							
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PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)																																																												
Project Phasing	Estimated Time		Estimated Cost																																																													
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				SOURCE:																																																												
				Total Annual Income																																																												
<table border="1"> <tr> <td>Recurring?</td> <td>No</td> </tr> <tr> <td colspan="2">SERVICE AREA</td> </tr> <tr> <td colspan="2">CITYWIDE</td> </tr> <tr> <td colspan="2">LOCATION</td> </tr> </table>											Recurring?	No	SERVICE AREA		CITYWIDE		LOCATION																																															
Recurring?	No																																																															
SERVICE AREA																																																																
CITYWIDE																																																																
LOCATION																																																																
																																																																

TYPE OF SERVICE:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	21-FLT-002	Modern Fuel Service Station							TBD	0
DIVISION:	FLEET MGMT.	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:											
The City facilitated the mass distribution of fuel cards due to the high cost of building a replacement facility at Fleet for the former service station at old OPH.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Acquire a suitable and already built location for this purpose, instead of a newly built facility at Fleet. A fully functioning service station for fueling City Vehicles could dramatically reduce the number of fuel cards to distribute and could serve as a quick service location like we used to have at the old OPH building. Buying a modern facility may be the most cost efficient way of bringing this service back into play.											
Total: \$1,500,000											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
5001	\$0	\$1,500,000	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$1,500,000		
ALL	\$0	\$1,500,000	\$0	\$0	\$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							

PROJECT RANKING	
Department Rating	4 .
CIE Requirement	N
CONTACT: David L. Dunn, CF 4072463873	
REMARKS	
Recurring?	No
SERVICE AREA	
CITYWIDE	
LOCATION	



TYPE OF SERVICE: Stormwater		PROJECT NUMBER	PROJECT NAME:		FINANCIAL PROJECT #		PAGE		
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-001	Bridge Maintenance and Repair		STW0088_P		0		
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Critical Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Due to the failing bridges throughout Florida, the City wants to be proactive to maintain and repair the bridges within the City limits.					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				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.					
				CONTACT: Lisa Henry 4072463646					
				REMARKS					
				Recurring? No					
				SERVICE AREA					
				Citywide					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000	\$0	\$250,000	\$875,000
1100	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$625,000	\$0	\$125,000	\$750,000
ALL	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	\$0	\$375,000	\$1,625,000
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.		20-TSP-002		Corrine Drive/Virginia Drive				0	
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
MetroPlan Orlando is leading the Corrine Drive project (Virginia Drive/N. Forest Ave/Corrine Drive from N. Mills Avenue to Bennett Road) 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 offered an excellent opportunity for MetroPlan Orlando to lead an independent evaluation of how to improve transportation options in the area.						Department Rating		4 .	
The Corrine Drive Corridor Plan was completed by MetroPlan Orlando in 2019. The corridor plan was a two year effort which included extensive community outreach and technical analysis and provided recommended cross section improvements. The recommended cross section includes features such as wider sidewalks, a separated cycle track on part of the corridor, a multi-use path on part of the corridor, improved landscaping, on street parking, as well as other recommended improvements such as mid-block crossings, signal timing and a raised intersection.						CIE Requirement		N	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						CONTACT: Gus Castro		4072463385	
MetroPlan Orlando is planning to fund the design of this project in FY 24/25. The City will be contributing funds to the construction of the project, as well as working with Orange County on the jurisdiction issues.						REMARKS			
						Recurring?		No	
						SERVICE AREA			
						Audubon Park			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$0	\$0	\$0	\$3,900,000	\$0	\$3,900,000	\$0	\$0	\$3,900,000
ALL	\$0	\$0	\$0	\$3,900,000	\$0	\$3,900,000	\$0	\$0	\$3,900,000
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.	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					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Yameli Herschelm 4072463377					
<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>				REMARKS					
				Recurring? No					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	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	\$2,391,438	\$3,491,438
ALL	\$0	\$150,000	\$0	\$150,000	\$0	\$300,000	\$1,550,000	\$3,667,677	\$5,517,677
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.	21-TSP-003	Curry Ford Road West		0				
DIVISION:	TRANSPORTATION PLANNING	PRIORITY:	Future Need/Planned Expansion						
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<p>Curry Ford Rd from Cloverlawn Avenue to Conway Road has been identified as an area for a vision plan for future growth and development to meet needs of residents and business. The main objective for the study is to determine how to make Curry Ford Road a more inviting and safe environment for all users; pedestrian, bicyclist, vehicular and transit users.</p>				Department Rating	4.				
				CIE Requirement	N				
				CONTACT: Michelle Robinson					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
<p>There are proposed cross sections, which maintains four travel lanes for vehicles, and cost estimate are in accordance with the 2019 Curry Ford Vision Plan. There are two options for design:</p> <p>Option 1 includes a multi-purpose path on one side, expanded sidewalk on the other side, on street parking on one side, landscape median and street trees (\$6,618,000).</p> <p>Option 2 includes expanded sidewalk on both sides, an off street bike lane on both sides, off peak parallel parking, landscape median and street trees (\$7,289,000). This section is 7,603 linear feet in length and is partially within Orange County jurisdiction.</p> <p>Funding in FY26 is requested for the study.</p>				Recurring? No					
FY26 funding request of \$100,00 for a study. Total estimated project \$7,000,000				SERVICE AREA					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$0	\$0	\$100,000
ALL	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$0	\$0	\$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
DEPARTMENT:	TRANSPORTATION DEPT.	21-TSP-002	Edgewater Dr. Phase II								0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING	
Edgewater Drive corridor is in need of ADA and infrastructure upgrades to its streetscape. Based on a corridor study performed by HDR, recommended upgrades include separated bicycle infrastructure, roundabouts at Par St and Lakeview St, curb ramp and streetscape improvements.										Department Rating 4.	
										CIE Requirement N	
										CONTACT: Michelle Robinson	
										REMARKS	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
The total project is estimated at \$9,915,000. Metroplan has programmed \$1,001,000 for design in FY21/22 and \$10,925,000 for construction in FY23/24. Metroplan's fiscal year aligns with the State (July 1 - June 30).											
Local match for the project including roundabouts is \$6,000,000										Recurring? No	
Local match for the project excluding roundabout is \$4,000,000										SERVICE AREA	
										College Park	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1100	\$0	\$0	\$6,000,000	\$0	\$0	\$6,000,000	\$0	\$0	\$6,000,000		
ALL	\$0	\$0	\$6,000,000	\$0	\$0	\$6,000,000	\$0	\$0	\$6,000,000		
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			

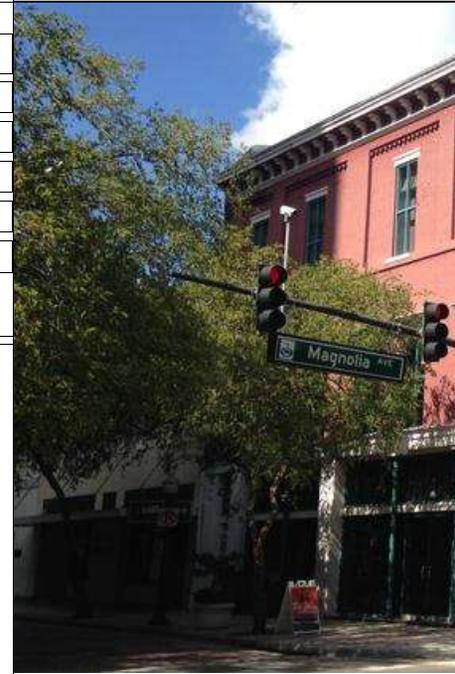
TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	79-757-001	Intersection Safety Improvements							TRE0006_P	
DIVISION:	TRANS. ENGINEERING	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
The 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.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
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.											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1100	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000	\$800,000	\$5,748,186	\$8,548,186		
OF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$127,500	\$127,500		
ALL	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000	\$800,000	\$5,875,686	\$8,675,686		
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			

PROJECT RANKING	
Department Rating	1.5
CIE Requirement	N
CONTACT: Yameli Herschelm 4072463322	
REMARKS	
Improvements scheduled annually based upon intersection analysis and annual accident summary.	
Recurring?	No
SERVICE AREA	
CITYWIDE	
LOCATION	



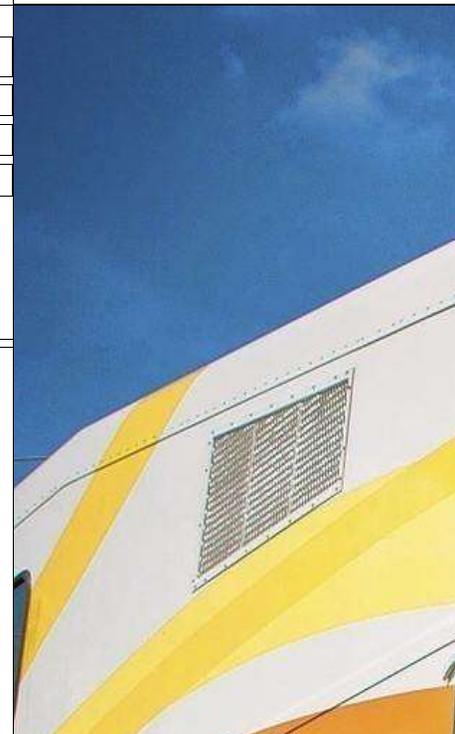
TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	08-660-001	New Traffic Signal Locations							TRE0025_P	
DIVISION:	TRANS. ENGINEERING	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
Each year, 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.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
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.											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1100	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000	\$2,000,000	\$940,000	\$3,140,000		
1071	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,600,000	\$1,600,000		
1072	\$250,000	\$0	\$0	\$150,000	\$150,000	\$550,000	\$0	\$900,000	\$1,450,000		
1070	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000		
ALL	\$250,000	\$100,000	\$0	\$250,000	\$150,000	\$750,000	\$2,000,000	\$3,940,000	\$6,690,000		
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
		10/1/2017	9/30/2018			Salaries, Wages, Benefits \$0					
		10/1/2016	9/30/2017			Operating Costs \$0					
		10/1/2015	9/30/2016			Other Capital Costs \$0					
		10/1/2014	9/30/2015			Total Annual Operating Costs: \$0					
		10/1/2013	9/30/2014								

PROJECT RANKING	
Department Rating	1. 9
CIE Requirement	N
CONTACT: Cade Braud	4072463377
REMARKS	
Gas Tax TRE0001_P	
IFT - North TRE0003_P	
IFT - SE TRE0025_P	
IFT - SW TRE0004_P	
Recurring?	No
SERVICE AREA	
CITYWIDE	
LOCATION	



TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:	FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	TRANSPORTATION DEPT.	21-TRE-001	Oak Ridge Rd Median Improvements		0				
DIVISION:	TRANS. ENGINEERING	PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<p>Study, design and construct a raised median, curb and gutter, and bike lanes on Oak Ridge Road where none exists between Adriana Ave and International Dr. This will fill a gap in the existing bike lane network, tie into the new Grand National Drive Overpass, improve safety by restricting unsignalized median openings, and complete the urban cross section on this segment of road.</p>				Department Rating 2.					
				CIE Requirement N					
				CONTACT: Jeremy Crowe					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
<p>Transportation Engineering would first like to perform a Traffic and Safety Study in this area to determine feasibility and incorporate public outreach for the affected business owners along this corridor.</p> <p>A portion of this project can utilize Impact Fees to fund the project, but the entire project does not increase capacity and therefore cannot be fully funded with impact fees.</p> <p>Phase II of the project will be design, anticipated immediately after the study is performed (FY23).</p> <p>Phase III will be construction with funding allocations in two consecutive years (FY24 and FY25) and is only an estimate at this time.</p>				Recurring? No					
				SERVICE AREA					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$0	\$100,000	\$550,000	\$550,000	\$0	\$1,200,000	\$0	\$0	\$1,200,000
1072	\$0	\$100,000	\$200,000	\$200,000	\$0	\$500,000	\$0	\$0	\$500,000
ALL	\$0	\$200,000	\$750,000	\$750,000	\$0	\$1,700,000	\$0	\$0	\$1,700,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
Construction (\$550k in Gas Tax, \$200k in IFT-SW)		10/1/2023	9/30/2024	\$750,000		Salaries, Wages, Benefits	\$0		
Construction (\$550k in Gas Tax, \$200k in IFT-SW)		10/1/2022	9/30/2023	\$750,000		Operating Costs	\$0		
Design (\$100k Gas Tax, \$100k IFT-SW)		10/1/2021	9/30/2022	\$200,000		Other Capital Costs	\$0		
Traffic and Safety Study (Gas Tax)		10/1/2020	9/30/2021	\$0		Total Annual Operating Costs:	\$0		

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				
				CONTACT: Yameli Herschelm 4072463322					
				REMARKS					
				FY 2012-13 funding moved to next year. FY 2013-14 funding moved to next year. RMCox					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
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.									
Recurring? No									
SERVICE AREA									
CITYWIDE									
LOCATION									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000	\$1,100,000	\$2,224,886	\$3,524,886
OF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$370,000	\$370,000
ALL	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000	\$1,100,000	\$2,594,886	\$3,894,886
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			



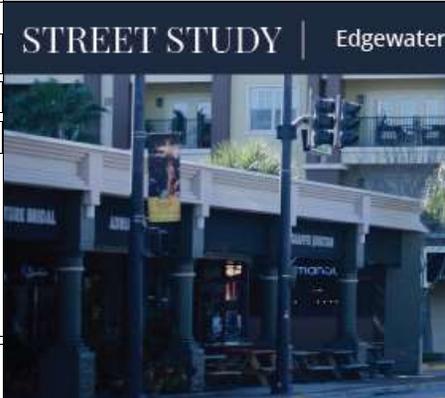
TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:	FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	TRANSPORTATION DEPT.	81-755-004	Regional Computerized Signal System	TRE0012_P					
DIVISION:	TRANS. ENGINEERING	PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
<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 TMC and Event Management Center.</p>				Department Rating	1 . 7				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CIE Requirement	Y				
<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>				CONTACT: Cade Braud	4072463377				
				REMARKS					
				Recurring?	No				
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$800,000	\$3,600,140	\$4,900,140
ALL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$800,000	\$3,600,140	\$4,900,140
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.	19-TSP-002	Robinson Street "Complete Streets"		0				
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					
City Council passed a Resolution on October 19, 2020 committing funding to supplement the Resurfacing, Restoration and Rehabilitation funds and reconstruct the corridor to the standards and quality suitable to the needs of downtown Orlando.				CONTACT: Gus Castro 4072463385					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
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.				Anticipated FDOT funding					
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.				Recurring? No					
Construction funding is phased in 2yr spans FDOT construction comenent FY23				SERVICE AREA					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				Downtown					
				LOCATION					
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$0	\$6,481,000	\$0	\$0	\$0	\$6,481,000	\$0	\$1,300,000	\$7,781,000
ALL	\$0	\$6,481,000	\$0	\$0	\$0	\$6,481,000	\$0	\$1,300,000	\$7,781,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
FDOT construction		10/1/2021	9/30/2022	\$6,481,000		Salaries, Wages, Benefits		\$0	
Underground utility relocation construction		10/1/2020	9/30/2021	\$1,000,000		Operating Costs		\$5,000	
Underground utility relocation design		10/1/2019	9/30/2020	\$300,000		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: TRANSPORTATION DEPT.		15-TSP-007		SunRail Corridor Quiet Zone		TSP0051_P		0	
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>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.</p>						Department Rating		2. 32	
<p>FY22 - FY26 funding requests assumes \$1.8M from Metroplan for QZ implementation.</p>						CIE Requirement		N	
						CONTACT: John Rhoades		4072462293	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						REMARKS			
<p>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)</p>						\$400,000 roughly funds one intersection			
						Recurring?		No	
						SERVICE AREA			
						DOWNTOWN			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$0	\$0	\$0	\$400,000	\$400,000	\$800,000	\$0	\$1,600,000	\$2,400,000
ALL	\$0	\$0	\$0	\$400,000	\$400,000	\$800,000	\$0	\$1,600,000	\$2,400,000
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.		05-734-026		Traffic Counts and Travel Time Studies						TRE0016_P		0	
DIVISION: TRANS. ENGINEERING		PRIORITY: Existing Deficiency											
PROBLEM IDENTIFICATION OR NEED:													
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.										PROJECT RANKING			
										Department Rating		1 . 8	
										CIE Requirement		N	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):													
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.													
CONTACT: Yameli Herschelm 4072463322													
REMARKS													
Recurring? No													
SERVICE AREA													
CITYWIDE													
LOCATION													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
1100	\$250,000	\$200,000	\$350,000	\$200,000	\$350,000	\$1,350,000	\$0	\$1,944,000	\$3,294,000				
ALL	\$250,000	\$200,000	\$350,000	\$200,000	\$350,000	\$1,350,000	\$0	\$1,944,000	\$3,294,000				
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-001	Virginia Drive Improvements							TSP0060_P	0																																																																												
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Existing Deficiency								PROJECT RANKING																																																																													
PROBLEM IDENTIFICATION OR NEED:										Department Rating	2.																																																																												
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.										CIE Requirement																																																																													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										CONTACT: Claudia Korobkoff 4072462180																																																																													
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.										REMARKS																																																																													
										Recurring? No																																																																													
										SERVICE AREA																																																																													
										Lake Highland																																																																													
										LOCATION																																																																													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																																							
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																																														
1100	\$0	\$100,000	\$500,000	\$1,000,000	\$0	\$1,600,000	\$0	\$250,000	\$1,850,000																																																																														
ALL	\$0	\$100,000	\$500,000	\$1,000,000	\$0	\$1,600,000	\$0	\$250,000	\$1,850,000																																																																														
<table border="1"> <thead> <tr> <th colspan="5">PROJECT COST BY PHASE</th> <th colspan="6">IMPACT ON OPERATING COST (+-)</th> </tr> <tr> <th colspan="2">Project Phasing</th> <th colspan="2">Estimated Time</th> <th rowspan="2">Estimated Cost</th> <th colspan="6" rowspan="2"></th> </tr> <tr> <th>Description</th> <th></th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td colspan="5" rowspan="4"></td> <td colspan="6">Salaries, Wages, Benefits</td> </tr> <tr> <td colspan="6">Operating Costs</td> </tr> <tr> <td colspan="6">Other Capital Costs</td> </tr> <tr> <td colspan="6">Total Annual Operating Costs:</td> </tr> <tr> <td colspan="5"></td> <td colspan="6">SOURCE:</td> </tr> <tr> <td colspan="5"></td> <td colspan="6">Total Annual Income</td> </tr> </tbody> </table>											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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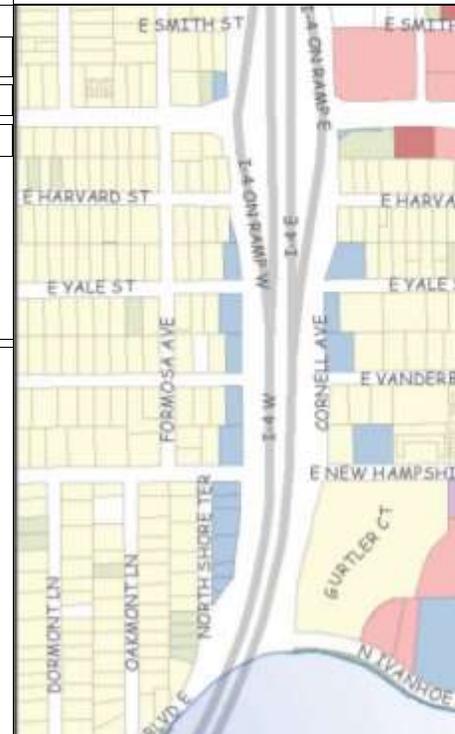
VIRGINIA/LAKE HIGHLAND USE STUD



TUESDAY, SEPTEMBER

HARRY

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				
					CONTACT: Michelle Robinson 4072462293				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):					REMARKS				
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.					Recurring? No				
					SERVICE AREA				
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.					Ivanhoe Village				
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR					LOCATION				
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1070	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$1,500,000	\$2,000,000
ALL	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$1,500,000	\$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			



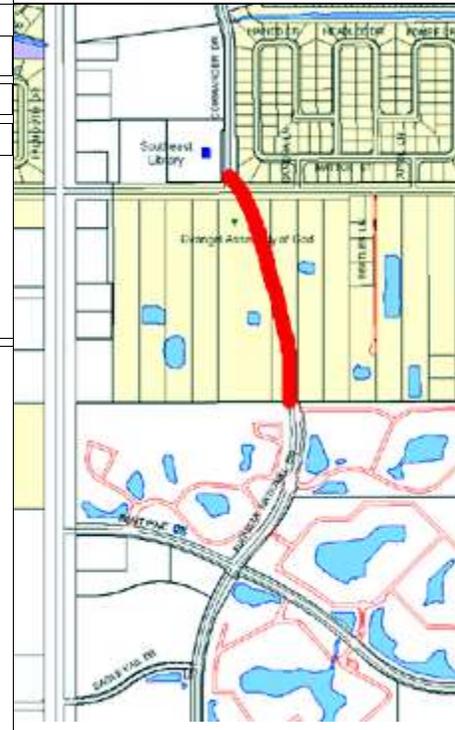
TYPE OF SERVICE: Transportation		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: TRANSPORTATION DEPT.		20-TSP-009		Church Street SunRail Platform				0	
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>Pursuant to Master Plan MPL2015-00009, approved by the City on June 16, 2015 Lincoln-GP Partners intends to develop a 25-story building consisting of 180 hotel rooms, office and ground floor retail space. In connection with the redevelopment, the City requested the developer to construct a commuter rail station along the westerly line of the redeveloped property.</p>						Department Rating		4.	
						CIE Requirement		N	
						CONTACT: Claudia Korobkoff			
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
City to provide commuter rail infrastructure for the new platform at Church Street.									
						Recurring?		No	
						SERVICE AREA			
						Downtown			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1070	\$500,000	\$600,000	\$0	\$0	\$0	\$1,100,000	\$0	\$0	\$1,100,000
ALL	\$500,000	\$600,000	\$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			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.	22-TSP-001	Hicks Avenue Extension (Anderson St to South St)							TSP0073_P	0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
<p>The City of Orlando is pursuing a design for a realigned and improved roadway connectivity between Anderson and South Streets. This realignment is part of a larger effort to extend the local street network (Hicks Avenue fka Terry Avenue) south to Gore Street as a complete street that is welcoming to pedestrians and cyclists while providing for greater connectivity through a restored grid. The southern extension of Hicks Avenue will reconnect a neighborhood that has been divided by the SR-408 interchange and will provide residents with a neighborhood street to support further residential development; this portion (Gore Street to Anderson Street) is being designed and constructed by FDOT.</p>											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
<p>The Hick Avenue extension (aka Terry Avenue) between South St and Anderson St will provide a direct alignment to the FDOT project south of Anderson Street. The design will consist of a two-lane road with a bicycle path on one side, complying with the City's complete streets policy. This project also includes converting the existing S Terry Avenue in this block to one way northbound and realigning it to directly connection with S Terry Avenue north of South Street at an intersection.</p>											
PROJECT RANKING											
Department Rating									1 .		
CIE Requirement									N		
CONTACT: Michelle Robinson											
REMARKS											
Recurring? No											
SERVICE AREA											
LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1070	\$1,000,000	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000		
ALL	\$1,000,000	\$0	\$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				\$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.	21-TSP-004	North Quarter Two Way Conversion							TSP0063_P	0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:											
The Downtown Development Board/Community Redevelopment Agency requested a one-way to two-way conversion study for the Downtown Orlando North Quarter District as a result of Project DTO recommendations.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
The North Quarter two-way restoration (aka Orange/Magnolia Avenues Conversion) is from Lake Ivanhoe to the north and Amelia Street to the south. It is a complete streets improvement to the Orange Avenue - Magnolia Avenue corridor to be installed in conjunction with the programmed FDOT resurfacing program.											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1070	\$0	\$0	\$0	\$0	\$4,500,000	\$4,500,000	\$0	\$0	\$4,500,000		
ALL	\$0	\$0	\$0	\$0	\$4,500,000	\$4,500,000	\$0	\$0	\$4,500,000		
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:	Transportation	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	21-TSP006	Terry Ave - Washington to Colonial							TSP0046_P	0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
Need to reestablish the grid with a north/south route on the eastern part of Parramore.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Create a direct connection of Terry Avenue from W. Robinson Street to Colonial Drive, which will also increase capacity of the roadways in the area. The new alignment of Terry Avenue will cross over the railroad lines, proceed north through Creative Village and connect to Edgewater Drive from Colonial Drive.											
PROJECT RANKING											
Department Rating								1.			
CIE Requirement								N			
CONTACT: Michelle Robinson											
REMARKS											
Recurring? No											
SERVICE AREA											
North Orlando											
LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1070	\$0	\$500,000	\$750,000	\$750,000	\$0	\$2,000,000	\$0	\$0	\$2,000,000		
ALL	\$0	\$500,000	\$750,000	\$750,000	\$0	\$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: 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			
<p>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 FY2026 to being acquisition.</p>						Department Rating		4 . 11	
						CIE Requirement		Y	
						CONTACT: Claudia Korobkoff 4072462092			
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
<p>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.</p>						SERVICE AREA			
						AIRPORT NORTH			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1071	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$0	\$0	\$100,000
ALL	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$0	\$0	\$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:	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:										PROJECT RANKING	
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.										Department Rating	4.
On July 20, 2020 City Council approved a Memorandum of Understanding (MOU) Relating to Roadway Improvements along Boggy Creek between City of Orlando and Osceola County. Based on a traffic analysis study, the impact of the Poitras Development on Boggy Creek Road concluded that the proportionate share impacts from the development on Boggy Creek Road is \$6,226,831 per year for three (3) years at full buildout of the development with the Osceola Parkway Extension.										CIE Requirement	N
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										CONTACT: Claudia Korobkoff 4072462180	
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.										REMARKS	
										Recurring?	No
										SERVICE AREA	
										Lake Nona	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1071	\$0	\$0	\$0	\$6,226,831	\$6,226,831	\$12,453,662	\$6,226,831	\$0	\$18,680,493		
ALL	\$0	\$0	\$0	\$6,226,831	\$6,226,831	\$12,453,662	\$6,226,831	\$0	\$18,680,493		
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.	20-TSP-008	Innovation Way							TSP0069_P	0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:											
Storey Park Blvd - Connection to Wewahoottee (Innovation Middle School)											
Innovation Way South within the Story Park development has an existing gap (approximately 800') between Story Time Drive and Wewahoottee 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.											
During FY22 - FY26 planning, it was determined additional time would be necessary to obtain an Interlocal Agreement with Orange County and the connection wasn't needed until approx. FY26											
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.											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1071	\$0	\$0	\$0	\$0	\$700,000	\$700,000	\$0	\$400,000	\$1,100,000		
ALL	\$0	\$0	\$0	\$0	\$700,000	\$700,000	\$0	\$400,000	\$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.	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.				Recurring?	No				
Project to commence after SGL completes Ultimate I-4.				SERVICE AREA					
				SODO					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1072	\$0	\$500,000	\$750,000	\$1,300,000	\$0	\$2,550,000	\$0	\$0	\$2,550,000
ALL	\$0	\$500,000	\$750,000	\$1,300,000	\$0	\$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									



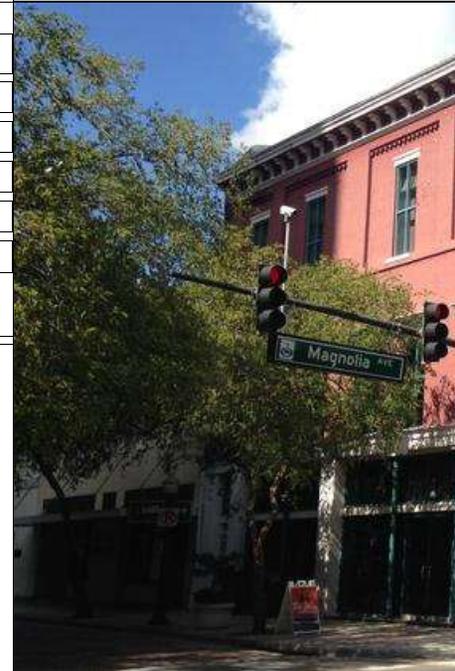
TYPE OF SERVICE: Transportation		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: TRANSPORTATION DEPT.		07-812-009		Grand National Dr.: Oakridge Rd. to Sand Lake Rd.		TRE0017_P		0	
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
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: Michelle Robinson 4072462293			
						REMARKS			
						The cost of the right-of-way will be refined after the completion of the study.			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
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.						SERVICE AREA			
						FLORIDA CENTER			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1072	\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000	\$10,000,000	\$11,700,000	\$25,700,000
ALL	\$4,000,000	\$0	\$0	\$0	\$0	\$4,000,000	\$10,000,000	\$11,700,000	\$25,700,000
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:			
Description		From	To						
Design		10/1/2008	9/1/2008	\$800,000		SOURCE: Total Annual Income			
Planning		4/1/2007	1/1/2008	\$400,000					
									

TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	13-734-001	Hicks Ave - 408 to Gore Street							TSP0005_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%) TSP0073_P - 1070_F TSP0005_P - 1072_F											
Funding added in IFT-North for the planned full extension of Terry Avenue to include ROW acquisition (\$1,000,000 in FY22), update to design											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1072	\$1,381,000	\$0	\$0	\$0	\$0	\$1,381,000	\$0	\$1,648,000	\$3,029,000		
ALL	\$1,381,000	\$0	\$0	\$0	\$0	\$1,381,000	\$0	\$1,648,000	\$3,029,000		
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.		22-TSP-002		Millenia Plaza Way Extension		TSP0078_P		0	
DIVISION: TRANSPORTATION PLANNING		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
A new roadway connection is needed to extend Millenia Plaza Way from its current terminus to S John Young Parkway. This will provide relief for Millenia Blvd and provide additional connectivity in the area.						Department Rating		4.	
						CIE Requirement		N	
						CONTACT: Claudia Korobkoff			
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
The connection is planned to be from the existing terminus of Millenia Plaza Way, north of Lake Amanda and connecting to John Young Parkway. The first phase of the project is to complete an alternatives analysis in order to determine the preferred roadway alignment. This segment is within Commissioner District 4.						Recurring?		No	
						SERVICE AREA			
						Millenia			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1072	\$500,000	\$500,000	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000
ALL	\$500,000	\$500,000	\$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		\$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.	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: Cade Braud	4072463377				
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					
				Recurring?	No				
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$0	\$100,000	\$0	\$100,000	\$0	\$200,000	\$2,000,000	\$940,000	\$3,140,000
1071	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,600,000	\$1,600,000
1072	\$250,000	\$0	\$0	\$150,000	\$150,000	\$550,000	\$0	\$900,000	\$1,450,000
1070	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
ALL	\$250,000	\$100,000	\$0	\$250,000	\$150,000	\$750,000	\$2,000,000	\$3,940,000	\$6,690,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
		10/1/2017	9/30/2018			Salaries, Wages, Benefits \$0			
		10/1/2016	9/30/2017			Operating Costs \$0			
		10/1/2015	9/30/2016			Other Capital Costs \$0			
		10/1/2014	9/30/2015			Total Annual Operating Costs: \$0			
		10/1/2013	9/30/2014						



TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	21-TRE-001	Oak Ridge Rd Median Improvements								0
DIVISION:	TRANS. ENGINEERING	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING	
<p>Study, design and construct a raised median, curb and gutter, and bike lanes on Oak Ridge Road where none exists between Adriana Ave and International Dr. This will fill a gap in the existing bike lane network, tie into the new Grand National Drive Overpass, improve safety by restricting unsignalized median openings, and complete the urban cross section on this segment of road.</p>										Department Rating	2.
										CIE Requirement	N
										CONTACT: Jeremy Crowe	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										REMARKS	
<p>Transportation Engineering would first like to perform a Traffic and Safety Study in this area to determine feasibility and incorporate public outreach for the affected business owners along this corridor.</p> <p>A portion of this project can utilize Impact Fees to fund the project, but the entire project does not increase capacity and therefore cannot be fully funded with impact fees.</p> <p>Phase II of the project will be design, anticipated immediately after the study is performed (FY23).</p> <p>Phase III will be construction with funding allocations in two consecutive years (FY24 and FY25) and is only an estimate at this time.</p>										Recurring?	No
										SERVICE AREA	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1100	\$0	\$100,000	\$550,000	\$550,000	\$0	\$1,200,000	\$0	\$0	\$1,200,000		
1072	\$0	\$100,000	\$200,000	\$200,000	\$0	\$500,000	\$0	\$0	\$500,000		
ALL	\$0	\$200,000	\$750,000	\$750,000	\$0	\$1,700,000	\$0	\$0	\$1,700,000		
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
Construction (\$550k in Gas Tax, \$200k in IFT-SW)		10/1/2023	9/30/2024	\$750,000		Salaries, Wages, Benefits		\$0			
Construction (\$550k in Gas Tax, \$200k in IFT-SW)		10/1/2022	9/30/2023	\$750,000		Operating Costs		\$0			
Design (\$100k Gas Tax, \$100k IFT-SW)		10/1/2021	9/30/2022	\$200,000		Other Capital Costs		\$0			
Traffic and Safety Study (Gas Tax)		10/1/2020	9/30/2021	\$0		Total Annual Operating Costs:		\$0			

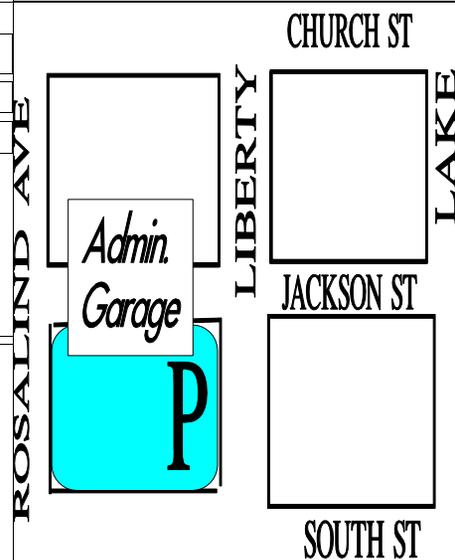
TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	20-TSP-007	Pres. Barack Obama Parkway Phase 2								0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING	
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.										Department Rating	4.
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										CIE Requirement	N
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										CONTACT: Michelle Robinson 4072463145	
Increase transportation network connection that provides connectivity and access between John Young Parkway and Kirkman Rd.										REMARKS	
										Recurring?	No
										SERVICE AREA	
										Millenia	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1072	\$1,000,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000	\$0	\$500,000	\$3,500,000		
1100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
ALL	\$1,000,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000	\$0	\$500,000	\$3,500,000		
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: 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							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
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: Chris Cairns		4072462703	
						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.						Recurring?		No	
						SERVICE AREA			
DOWNTOWN									
LOCATION									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1072	\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000
ALL	\$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		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs: SOURCE: Total Annual Income			
Description		From	To						
Design									

TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	22-TSP-003	Southwest Bike Study Implementation								0
DIVISION:	TRANSPORTATION PLANNING	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING	
<p>There is a current Local Agency Program (LAP) Agreement between FDOT and the City for a bike and pedestrian study for the area between State Road 408, John Young Parkway, Sand Lake Road and Hiawassee Road.</p> <p>The purpose of the study is to increase safety and multimodal connectivity within the study area. It will encompass a 23 square mile area and will focus on the arterial roadways and highways that do not encourage walking or biking even with the trips are short. The study will also include the tourist district south of Vineland Road.</p>										Department Rating 4. CIE Requirement N	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										CONTACT: Claudia Korobkoff	
Implement the findings of the Southwest Orlando Bike/Pedestrian Study.										REMARKS	
										Recurring? No	
										SERVICE AREA	
										Southwest	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1072	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$0	\$500,000		
ALL	\$500,000	\$0	\$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						\$0	
				Operating Costs						\$0	
				Other Capital Costs						\$0	
				Total Annual Operating Costs:						\$0	
				SOURCE:							
				Total Annual Income							

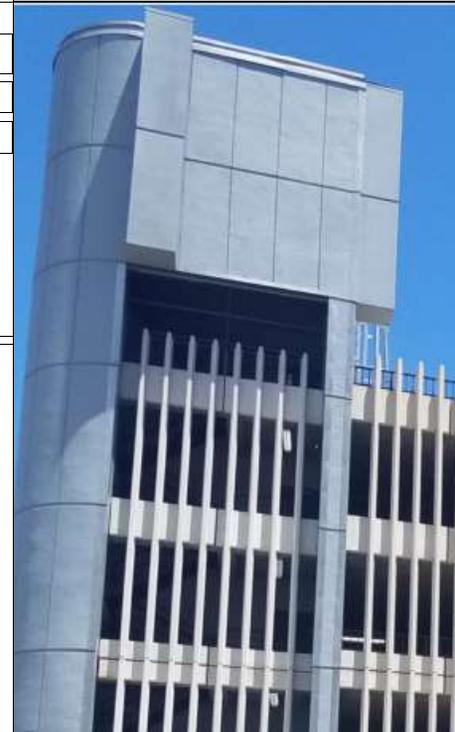
TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	TRANSPORTATION DEPT.	15-PKG-003	Administration Center Garage Repair/Maintenance							PKG0020_P	0
DIVISION:	PARKING	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:											
<p>1. Expansion joints on roof level, ramps and vertical interior walls are deteriorating and losing adhesion. The result is causing leaks and corrosion of the steel and delaminating of concrete between levels.</p> <p>2. The exterior building emergency generator will be 27 years old and is nearing the end of its life cycle. The generator is already displaying signs of corrosion from weather and use and will not be reliable during emergency situations for long-standing operations.</p> <p>3. The existing interior garage lighting fixtures and rooftop pole fixtures are costly to maintain and use high energy. Replacing the fixtures with LED will save approx 40-50% in energy costs.</p>											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
<p>1. Expansion joints replacement - remove all pre-formed or liquid sealant material in expansion joints, control joints, vertical joints, and floor slabs. Replace with applicable preformed or recommended silicone building sealant and caulk all areas throughout garage. Work planned in FY23.</p> <p>2. Emergency generator replacement - decommission existing generator and electrical components with fully integrated efficient 150 kW diesel powered unit. Work planned in FY24.</p> <p>3. Lighting - Upgrade existing lighting fixtures with newest technology LED fixtures. Lumens output per fixture must exceed IESNA minimum standards for parking. Work planned in FY25.</p>											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
4133	\$0	\$125,000	\$120,000	\$250,000	\$0	\$495,000	\$0	\$450,000	\$945,000		
ALL	\$0	\$125,000	\$120,000	\$250,000	\$0	\$495,000	\$0	\$450,000	\$945,000		
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								
Lighting Modernization		10/1/2024	9/30/2025	\$250,000							
Emergency Generator Replacement		10/1/2023	9/30/2024	\$120,000							
Replace expansion joints on walls and interior floors		10/1/2022	9/30/2023	\$250,000							

PROJECT RANKING	
Department Rating	3.9
CIE Requirement	N
CONTACT: Jerry Rivera	4072463764
REMARKS	
Parking R&R Fund and from O&M Partners.	
Recurring?	No
SERVICE AREA	
DOWNTOWN	
LOCATION	



SOURCE:
Total Annual Income

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:				PROJECT RANKING					
1. The fire pump and system piping are 37 years old. The engine and pump barely meet capacity flow requirements in accordance with code. Various sections of the piping are corroded and leaking resulting in flow alarms and dispatching OFD fire units.				Department Rating	1.9				
2. The elevator interiors are deteriorated due to high usage and present a poor image of City property. New up to date control panels, lighting and vandal proof interiors are needed to meet future parking demands for the City.				CIE Requirement	N				
3. The interior building emergency generator will be 42 years old and has exceeded its useful life cycle. It would not be reliable during emergency situations.				CONTACT: Jerry Rivera	4072463764				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
1. Fire pump - reeplace 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 ones. Work planned in FY22.				Parking R&R Fund and from O&M Partners.					
2. Elevator Modernization - 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, vandal resistant call buttons and door infrared protection device. Work planned in FY24.				Recurring?	No				
3. Generator replacement - decommission existing generator and electrical components and replace with fully integrated efficient 250 KW diesel powered unit including transfer switch. Work planned in FY26.				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4133	\$0	\$200,000	\$200,000	\$0	\$200,000	\$600,000	\$180,000	\$350,000	\$1,130,000
ALL	\$0	\$200,000	\$200,000	\$0	\$200,000	\$600,000	\$180,000	\$350,000	\$1,130,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To			Salaries, Wages, Benefits			
Emergency Generator & Transfer Switch		10/1/2025	9/30/2026	\$180,000		Operating Costs			
Elevator Modernization (2 Cabs)		10/1/2023	9/30/2024	\$200,000		Other Capital Costs			
Fire Pump, Piping & Controls		10/1/2021	9/30/2022	\$200,000		Total Annual Operating Costs:			
					SOURCE:				
					Total Annual Income _____				



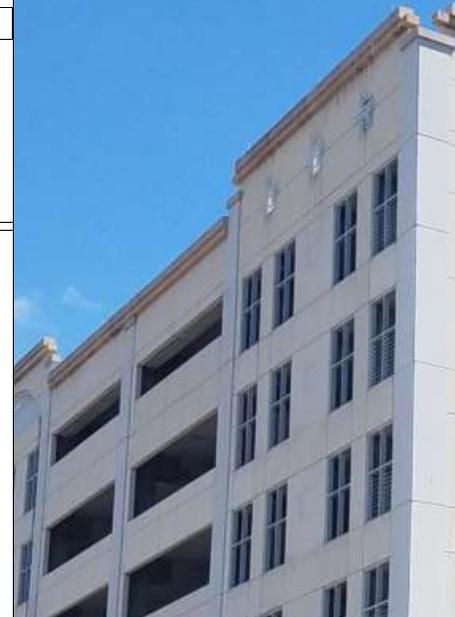
TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:	FINANCIAL PROJECT #	PAGE					
DEPARTMENT:	TRANSPORTATION DEPT.	15-PKG-006	Courthouse Garage Repair and Maintenance	PKG0019_P	0					
DIVISION:	PARKING	PRIORITY: Repair / Replacement								
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING						
1. The four (4) traction type elevators in Phase 1 & 2 are 25 years old. The car operating panel, controller and communication instruments are obsolete. The hoisting equipment needs to be re-roped to meet code. In addition, the interior of the car and associated hardware are in poor condition due to heavy usage.				Department Rating 4 . 9						
2. On interior floors one to seven the waterproof coating shows no remaining evidence of sealer. Unless renewed, water will seep through the concrete slab and cause structural corrosion.				CIE Requirement N						
3. 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.				CONTACT: Jerry Rivera 4072463764						
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS						
1. Elevator Modernization - 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. Work planned in FY22.				Parking R&R Fund and from O&M Partners.						
2. Waterproof Interior Floors - Pressure wash first to seventh level interior floors. Comply with local ordinances and regulations. Apply a coating of SIKA Ferrogard 903 corrosion inhibiting sealer to waterproof all interior floors. Work planned in FY23.				Recurring? No						
3. Lighting Modernization - Replace current lighting fixtures with newest technology LED fixtures. Lumens output per fixture must exceed IESNA minimum standards for parking garages. Work planned in FY24.				SERVICE AREA						
4. Replace Interior Expansion Joints - On identified floor joints, remove all pre-formed or liquid sealant material in expansion joints, and control				DOWNTOWN						
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION						
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total	
4133	\$0	\$400,000	\$100,000	\$250,000	\$250,000	\$1,000,000	\$0	\$220,000	\$1,220,000	
ALL	\$0	\$400,000	\$100,000	\$250,000	\$250,000	\$1,000,000	\$0	\$220,000	\$1,220,000	
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 Interior Expansion Joints		10/1/2024 9/30/2025		\$250,000						
Lighting Modernization		10/1/2023 9/30/2024		\$250,000						
Expansion Joints										
Waterproof Interior Floors		10/1/2022 9/30/2023		\$100,000						
Elevator Modernization (4 Cars)		10/1/2021 9/30/2022		\$400,000						

SOURCE:
Total Annual Income

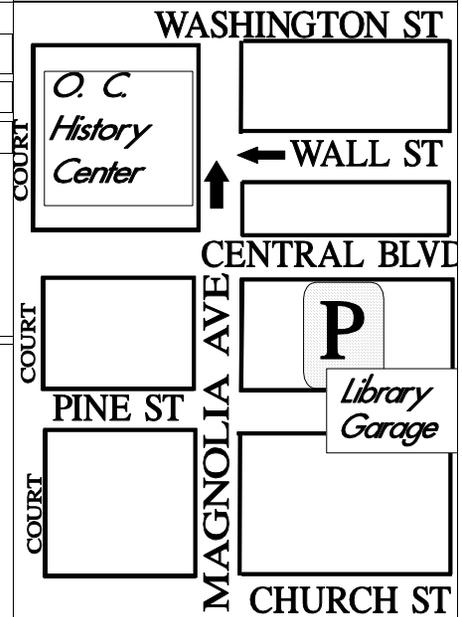
TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:	FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	TRANSPORTATION DEPT.	17-PKG-001	GEICO Garage Repairs and Maintenance	PKG0025_P	0				
DIVISION:	PARKING	PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
1. The interior lights are T5 108 watt fluorescent fixtures, and the roof pole lights are 150 watt metal halide lamps that are obsolete and expensive to operate.				Department Rating	9.9				
2. All interior metal surfaces need to be painted to prevent corrosion. Lower level floors needs to be seal coated to prevent corrosion of rebar and spalling of concrete.				CIE Requirement	N				
3. The elevator interiors are deteriorated due to high usage and present an unattractive image of City property. New up to date control panels, lighting and vandal proof interiors are needed to meet future parking demands for the City.				CONTACT: Jerry Rivera	4072463764				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
1. Replace Interior & Roof Lighting - replace lighting fixtures with new efficient 50 watt LED interior fixtures on all levels and stairwells. Work planned in FY23.				Recurring? No					
2. Waterproof & Paint Interior Surface - on metal surfaces, remove any loose rust and peeling paint that may be present. Apply a top quality metal primer because to perform two vital functions: provide the bond between the topcoat and the metal and inhibit corrosion. Work planned in FY24.				SERVICE AREA					
3. Elevator Modernization - 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, vandal resistant call buttons and door infrared protection device. Work planned in FY25.				DOWNTOWN					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				LOCATION					
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4133	\$0	\$300,000	\$200,000	\$300,000	\$0	\$800,000	\$0	\$250,000	\$1,050,000
ALL	\$0	\$300,000	\$200,000	\$300,000	\$0	\$800,000	\$0	\$250,000	\$1,050,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To			Salaries, Wages, Benefits			
Elevator Modernization (4 Cabs)		10/1/2024	9/30/2025	\$300,000		Operating Costs			
Waterproof and Paint Interior Surface		10/1/2023	9/30/2024	\$200,000		Other Capital Costs			
Replace Interior and Roof Lighting		10/1/2022	9/30/2023	\$300,000		Total Annual Operating Costs:			
SOURCE:									



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						
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
1. The elevator interiors are deteriorated due to high usage and has resulted in a poor 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.				Department Rating	6.9				
2. The steel doors with hardware on various levels need replacement due to vandalism and internal corrosion.				CIE Requirement	N				
3. Barrier cables on the roof level and various areas on floors two through eight are corroded and need replacement.				CONTACT: Jerry Rivera	4072463764				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
1. Elevator Modernization - 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 vandal resistant call buttons and infrared door protection detectors. Work planned in FY22.				Parking R&R Fund					
2. Replace Fire Doors - install new handrails and repaint as needed. Replace doors with new approved UL fire doors rated at two (2) hours with related door checks and panic bars. Work planned in FY23.				Recurring?	No				
3. Replace Barrier Cables - install new galvanized barrier cables of equal strength and torque to proper tension. Work planned in FY25.				SERVICE AREA					
				DOWNTOWN					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4133	\$0	\$300,000	\$100,000	\$0	\$120,000	\$520,000	\$0	\$350,000	\$870,000
ALL	\$0	\$300,000	\$100,000	\$0	\$120,000	\$520,000	\$0	\$350,000	\$870,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+/-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
Replace Barrier Cables		10/1/2024	9/30/2025	\$120,000		Salaries, Wages, Benefits			
Replace Fire Doors		10/1/2022	9/30/2023	\$100,000		Operating Costs			
Elevator Cab Refurbishment (3 Cabs)		10/1/2021	9/30/2022	\$300,000		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-007		Library Garage Repair and Maintenance		PKG0023_P		0	
DIVISION: PARKING		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
1. The two elevator hoisting equipment and main controls will be 31 years old and have exceeded their useful life cycle. They will not continue to meet the demands that are placed upon them with the extensive growth of the surrounding area.						Department Rating 5.9			
2. Fire pump and alarm system will be 32 years old and will not be reliable during an emergency situation for long time running operation.						CIE Requirement N			
3. Barrier cables on the roof level and various areas on floors two through five are corroded and need replacement.						CONTACT: Jerry Rivera 4072463764			
4. On interior floors one through seven the waterproof coating shows no evidence of sealer. Unless renewed, water will seep through the concrete slab and cause structural corrosion.						REMARKS Parking R&R Fund and from O&M Partners.			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
1. Elevator Modernization - Modernize the elevator hoisting equipment, controls and mechanical room air conditioning units according to State of Florida Elevator Codes. Work planned in FY22						SERVICE AREA			
2. Replace Fire Pump & Fire Alarm System - replace fire pump and engine with same design specifications as existing unit. Work planned in FY23						DOWNTOWN			
3. Replace Barrier Cables - Install new galvanized barrier cables of equal strength and torque to proper tension. Work planned in FY24.						LOCATION			
4. Waterproof Interior Floors - pressure wash interior floors one through seven. Comply with local ordinances and regulations. Apply a coating of SIKA Ferrogard 903 corrosion inhibiting sealer to waterproof all interior floors. Work planned in FY26.									
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4133	\$0	\$150,000	\$175,000	\$120,000	\$0	\$445,000	\$100,000	\$325,000	\$870,000
ALL	\$0	\$150,000	\$175,000	\$120,000	\$0	\$445,000	\$100,000	\$325,000	\$870,000
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							
Waterproof Interior Floors		10/1/2025 9/30/2026		\$100,000					
Replace Barrier Cables		10/1/2023 9/30/2024		\$120,000					
Replace Fire Pump and Fire Alarm System		10/1/2022 9/30/2023		\$175,000					
Elevator Control Modernization (2 cabs)		10/1/2021 9/30/2022		\$150,000					



TYPE OF SERVICE: Recreation & Culture		PROJECT NUMBER		PROJECT NAME:						FINANCIAL PROJECT #		PAGE	
DEPARTMENT: FAMILIES, PARKS, RECREATION		22-PKS-001		Poitras Park						TBD		0	
DIVISION: PARKS		PRIORITY: Future Need/Planned Expansion											
PROBLEM IDENTIFICATION OR NEED:													
This will be a 14.2 acre park as part of the Poitras Development in East Orlando.													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):													
Design and construction of park.													
FY 2022-23: \$200,000 - Design													
FY 2023-24: \$4,000,000 - Construction													
FY 2024-25: \$4,000,000 - Construction													
Total: \$8,200,000													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
1081	\$0	\$200,000	\$4,000,000	\$4,000,000	\$0	\$8,200,000	\$0	\$0	\$8,200,000				
ALL	\$0	\$200,000	\$4,000,000	\$4,000,000	\$0	\$8,200,000	\$0	\$0	\$8,200,000				
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													

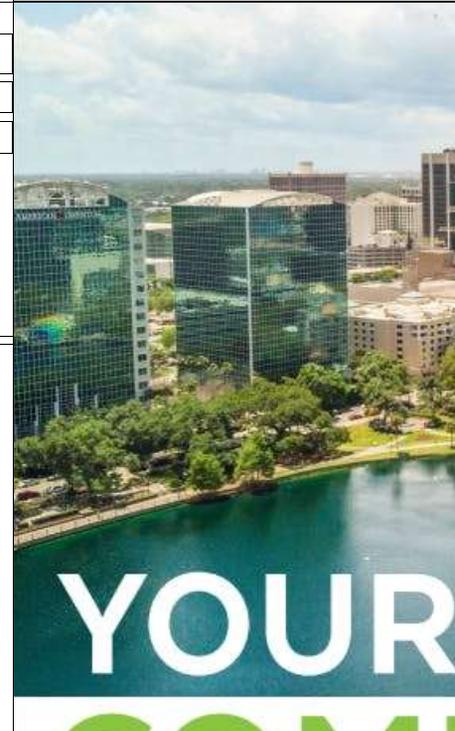
TYPE OF SERVICE:	Recreation & Culture	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	FAMILIES, PARKS, RECREATION	22-PKS-003	Starwood Park							TBD	0
DIVISION:	PARKS	PRIORITY: Future Need/Planned Expansion									
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING	
This will be a 30 acre park as part of the Starwood Development in East Orlando										Department Rating	4.
										CIE Requirement	N
										CONTACT: Denise Riccio	4072464249
										REMARKS	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										Recurring?	No
Design and construction of park. FY 2023-24: \$500,000 - Design FY 2024-25: \$9,500,000 - Construction FY 2025-26: \$9,500,000 - Construction Total: \$19,500,000										SERVICE AREA	
										District 1	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1081	\$0	\$0	\$500,000	\$9,500,000	\$9,500,000	\$19,500,000	\$0	\$0	\$19,500,000		
ALL	\$0	\$0	\$500,000	\$9,500,000	\$9,500,000	\$19,500,000	\$0	\$0	\$19,500,000		
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: Recreation & Culture		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: FAMILIES, PARKS, RECREATION		22-PKS-002		Vista Lake Park		TBD		0	
DIVISION: PARKS		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
This will be a 30 acre park as part of the Vista Lake Development in East Orlando.						Department Rating		4 .	
						CIE Requirement		N	
						CONTACT: Denise Riccio		4072464249	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						REMARKS			
Design and construction of park. FY 2022-23: \$400,000 - Design FY 2023-24: \$8,000,000 - Construction FY 2024-25: \$8,000,000 - Construction Total: \$16,400,000						Recurring?		No	
						SERVICE AREA			
						District 1			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1081	\$0	\$400,000	\$8,000,000	\$8,000,000	\$0	\$16,400,000	\$0	\$0	\$16,400,000
ALL	\$0	\$400,000	\$8,000,000	\$8,000,000	\$0	\$16,400,000	\$0	\$0	\$16,400,000
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: 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							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
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.						Department Rating		4 . 3	
						CIE Requirement		N	
						CONTACT: Laurie Botts		4072462653	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
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.						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	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	\$3,063,386	\$8,063,386
ALL	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	\$0	\$3,063,386	\$8,063,386
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					



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 .				
<p>The Court Street compactor that services over 100 downtown businesses is in critical need of redesign to meet the new recycling ordinance of Chapter 28 to provide recycling options to commercial customers. Current facility requires additional construction to provide recycling services to comply with Chapter 28 ammendments recently enacted. Project is to upgrade service capacity, reduce odors, prevent stormwater run-off from entering the sewer system and provide archetectually appropriate enclosure design 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.</p>					CIE Requirement N				
					CONTACT: Charles Wade 4072463693				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):					REMARKS				
<p>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.</p>					Design of enclosure will be in conjunction with Orange County to match the current motiff of the adjoining Orange County History Center.				
					Recurring? No				
					SERVICE AREA				
					CITYWIDE				
					LOCATION				
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4150	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0		
ALL	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0		
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
One Time Capital Cost Project		3/1/2021	9/30/2021	\$400,000		Salaries, Wages, Benefits \$0			
Redesigning Court St. Compactor Enclosure						Operating Costs \$25,000			
						Other Capital Costs \$0			
						Total Annual Operating Costs: \$25,000			
						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		SWM0006_P				
DIVISION: SOLID WASTE MANAGEMENT		PRIORITY: Future Need/Planned Expansion		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating		4 . 2			
Additional solid waste collection and disposal capacity will be required to serve the anticipated annexations and development of vacant land through the year 2026 based on the forecasts from Economic Development. Commercial recycling was made mandatory by recent changes enacted by Council to Chapter 28.				CIE Requirement		Y			
Fleet Department has made improvements in their ability to maintain a minimum number of ready line trucks for the past 180 days but the Division still experiences sporadic deficits due to longer than industry standards timeframe to conduct repairs.				CONTACT: Charlie Wade		4072463693			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				REMARKS					
Two (2) compaction Front Load vehicles will have to be purchased prior to the year 2022 to serve the annexation and development areas as well as address the Fleet problems. This solution will meet the solid waste collection needs of the community and commercial growth. Vehicles will be speced to meet the Green Initiatives of the City and be powered 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.					
				Recurring? No					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4150	\$770,000	\$387,000	\$770,000	\$387,000	\$0	\$2,314,000	\$0	\$3,062,538	\$5,376,538
ALL	\$770,000	\$387,000	\$770,000	\$387,000	\$0	\$2,314,000	\$0	\$3,062,538	\$5,376,538
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$159,846	
						Operating Costs		\$475,000	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$634,846	
						SOURCE:		Service Charges	
						Total Annual Income		\$1,175,000	



TYPE OF SERVICE: Solid Waste		PROJECT NUMBER	PROJECT NAME:		FINANCIAL PROJECT #		PAGE		
DEPARTMENT: PUBLIC WORKS DEPARTMENT		90-366-004	Residential/Recycling Collection Vehicles		SWM0003_P				
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 2026 based on forecasts by Economic Development. Capacity requirements dictate 3 additional trucks per year prior to 2026 to comply with Chapter 28 .					Department Rating		4 . 1		
					CIE Requirement		Y		
					CONTACT: Charlie Wade 4072463693				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):					REMARKS				
Three residential compaction collection vehicles per year are recommended to meet the anticipated annexations and growth of single cart recycling and MSW collection through the year 2026. This solution will meet the solid waste collection needs of the community. The mix of automated collection vehicles and rear loading collection vehicles will have to be purchased with the "later" funding, prior to the year 2026, 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.					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.				
					Recurring?		No		
					SERVICE AREA				
					CITYWIDE				
					LOCATION				
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4150	\$1,050,000	\$1,050,000	\$1,050,000	\$1,050,000	\$0	\$4,200,000	\$0		
ALL	\$1,050,000	\$1,050,000	\$1,050,000	\$1,050,000	\$0	\$4,200,000	\$0		
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
						Salaries, Wages, Benefits		\$180,000	
						Operating Costs		\$425,000	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$605,000	
						SOURCE:		Service Charges	
						Total Annual Income		\$395,520	



TYPE OF SERVICE: Stormwater		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-STW-021		CT Phase 4 - Shine (Marks to Colonial)				0	
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED: Flooding in said area.						PROJECT RANKING Department Rating 2. CIE Requirement N			
						CONTACT: Lihua Wei - 407-2 4072463897			
						REMARKS			
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.						Recurring? No			
						SERVICE AREA			
						Colonialtown			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$0	\$180,000	\$0	\$180,000	\$0	\$0	\$180,000
ALL	\$0	\$0	\$0	\$180,000	\$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			\$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-003		Flood Plain Remediation Projects				0	
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
Base flood elevations in unnumbered A zones of effective Flood Insurance Rate Maps (FIRMs) within the City jurisdiction need established to potentially reduce flood insurance premiums for the Orlando residents.						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Lisa Henry		4072463646	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
Establishment of base flood elevations in unnumbered A zones of effective Flood Insurance Rate Maps (FIRMs) within the City jurisdiction.						SERVICE AREA			
						Citywide			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$0	\$0	\$500,000
ALL	\$0	\$0	\$0	\$0	\$500,000	\$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		\$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-004		Lake Hourglass to Lake Lancaster Drainage Improvem		STW0090_P		0	
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>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.</p>						Department Rating		2.	
						CIE Requirement			
						CONTACT: Lihua Wei		4072463897	
						REMARKS			
						<p>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.</p>			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
<p>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.</p>						SERVICE AREA			
						LANCASTER PARK			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$1,200,000	\$0	\$0	\$0	\$1,200,000	\$0	\$140,000	\$1,340,000
ALL	\$0	\$1,200,000	\$0	\$0	\$0	\$1,200,000	\$0	\$140,000	\$1,340,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits					
				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-006		Lake Ivanhoe Blvd Drainage Improvements-Area 3				0	
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
This project is one of six projects within the Lake Ivanhoe Basin. The purpose of Area 3 project is to support flood control within the problem area 2B based on the conceptual drainage study.						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Lihua Wei		4072463897	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
The stormwater improvements are focused along New Hampshire Street from Northshore Terrace to Gerda Terrace. Overall the improvements include approximately 2,000 linear feet of reinforced concrete pipes (size 18" to 48") along New Hampshire Street, Gerda Terrace, Depauw Avenue, Dormont Lane, and Oakmont Lane, connecting with the Problem Area 2A improvements. Additional inlet and manhole improvements along roadways and at intersections will be added.						SERVICE AREA			
						College Park			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$180,000	\$2,680,000	\$0	\$2,860,000	\$0	\$0	\$2,860,000
ALL	\$0	\$0	\$180,000	\$2,680,000	\$0	\$2,860,000	\$0	\$0	\$2,860,000
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		02-721-003		Rapid Response Construction						STW0044_P		0																																																																																																																																			
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency																																																																																																																																													
PROBLEM IDENTIFICATION OR NEED:																																																																																																																																															
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.																																																																																																																																															
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																																																																																															
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.																																																																																																																																															
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																																																																																															
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																																																																																																						
4161	\$0	\$400,000	\$400,000	\$400,000	\$1,000,000	\$2,200,000	\$1,250,000	\$9,290,661	\$12,740,661																																																																																																																																						
ALL	\$0	\$400,000	\$400,000	\$400,000	\$1,000,000	\$2,200,000	\$1,250,000	\$9,290,661	\$12,740,661																																																																																																																																						
PROJECT COST BY PHASE						IMPACT ON OPERATING COST (+/-)																																																																																																																																									
Project Phasing		Estimated Time		Estimated Cost																																																																																																																																											
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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			
The effective Flood Insurance Rate Maps (FIRMs) in the vicinity of the Sandy Lake basin are in need of revision.						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Lisa Henry		4072463646	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
Revision of the effective Flood Insurance Rate Maps (FIRMs) in the vicinity of the Sandy Lake basin.						SERVICE AREA			
						International Drive			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4161	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$1,000,000
ALL	\$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				\$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-014		South Lucerne Circle Baffle Boxes								0	
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Existing Deficiency											
PROBLEM IDENTIFICATION OR NEED:													
Stormwater outfalls and runoff can be harmful to the environment when they're able to drain into lakes and other water bodies unfiltered.										PROJECT RANKING			
										Department Rating		2.	
										CIE Requirement		N	
										CONTACT: Nicki Wesson		4072463264	
REMARKS													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):													
This project proposes to add two or three baffle boxes to the stormwater outfalls into Lake Lucerne to minimize sediment, litter and other contaminants from going into the lake.													
Recurring? No													
SERVICE AREA													
Downtown													
LOCATION													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
4161	\$0	\$0	\$700,000	\$0	\$0	\$700,000	\$0	\$0	\$700,000				
ALL	\$0	\$0	\$700,000	\$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									
PROBLEM IDENTIFICATION OR NEED:											
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.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
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.											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
4161	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000	\$2,500,000	\$6,100,000	\$12,600,000		
ALL	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000	\$2,500,000	\$6,100,000	\$12,600,000		
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		21-WAS-005	Conserv I Biosolids Upgrades							CIP0271_P	0							
DIVISION: WATER RECLAMATION		PRIORITY: Future Need/Planned Expansion																
PROBLEM IDENTIFICATION OR NEED:																		
<p>The Water Conserv I WRF, located along Richard E. Johnson Boulevard (11401 Boggy Creek Road), is owned and operated by the City of Orlando. Currently, the plant is rated for 7.5 MGD annual average daily flow (AADF) with a current average influent flow of 5.2 MGD. The plant is anticipated to be upgraded in the near future to treat an influent flow of 10.0 MGD AADF. Currently, waste activated sludge (WAS) is directed to a single gravity belt thickener (GBT), loaded to a tanker truck, and transported and discharged to LS 49. The WAS then flows within the collection system/lift station network to the Iron Bridge Regional WRF for retreatment. With continued growth within the Water Conserv I WRF service area, the current method of biosolids processing and disposal will become less sustainable and more costly. Additionally, the City has received odor and other complaints recently from neighbors.</p>																		
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																		
<p>Two options were evaluated for biosolids handling at the plant with the selected alternative including the installation of belt filter presses (BFPs) to thicken and dewater sludge prior to hauling to a residuals management facility (RMF) for further treatment and disposal. A GBT would be provided as a back-up system when the BFPs are not operating. Because the BFPs are anticipated to require more operator attention and maintenance than the existing GBT, a new sludge holding tank will be added upstream of the dewatering process for additional sludge storage equalization. Appendix H in Volume 2 contains the January 2020 Final Water Conserv I WRF Biosolids Handling Evaluation, which describes the project in additional detail.</p>																		
<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">Recurring?</td> <td style="text-align: left;">No</td> </tr> <tr> <td colspan="2" style="text-align: center;">SERVICE AREA</td> </tr> <tr> <td colspan="2" style="text-align: center;">CITYWIDE</td> </tr> <tr> <td colspan="2" style="text-align: center;">LOCATION</td> </tr> </table>											Recurring?	No	SERVICE AREA		CITYWIDE		LOCATION	
Recurring?	No																	
SERVICE AREA																		
CITYWIDE																		
LOCATION																		
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																		
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total									
FIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0									
4106	\$1,000,000	\$0	\$0	\$0	\$1,320,000	\$2,320,000	\$0	\$0	\$2,320,000									
ALL	\$1,000,000	\$0	\$0	\$0	\$1,320,000	\$2,320,000	\$0	\$0	\$2,320,000									
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		07-351-003		Conserv I Reclaimed Water Storage		CIP0205_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>Preliminary engineering investigation and hydraulic modeling confirms that the City's Eastern Regional Reclaimed Water Distribution System (ERRDS) is experiencing hydraulic limitations due to increasing reclaimed water demand. One potential solution to the hydraulic limitations is the construction of a reclaimed water storage and pumping facility.</p>						Department Rating		4 . 34	
						CIE Requirement		N	
						CONTACT: Chuck Shultz		4072462658	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						REMARKS			
<p>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 new developments.</p>						Recurring?		No	
						SERVICE AREA			
						SOUTHEAST WASTEWATER SERVICE AREA			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR						LOCATION			
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$1,500,000	\$8,500,000	\$0	\$0	\$0	\$10,000,000	\$0	\$0	\$10,000,000
ALL	\$1,500,000	\$8,500,000	\$0	\$0	\$0	\$10,000,000	\$0	\$0	\$10,000,000
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		20-WAS-001		Conserv I South Reclaimed Water Main		CIP0246_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>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 likely result in low irrigation pressures, unhappy residents, and potentially inadequate irrigation to landscape plants and sod.</p>						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Charles Shultz		4072462658	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
<p>Replace existing 16" line with a 36" DIP reclaimed water main for approximately 2 miles of pipeline exiting Conserv I.</p>						SERVICE AREA			
						11401 Boggy Creek Rd			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$3,000,000	\$0	\$3,000,000	\$0	\$0	\$6,000,000	\$0	\$3,100,000	\$9,100,000
ALL	\$3,000,000	\$0	\$3,000,000	\$0	\$0	\$6,000,000	\$0	\$3,100,000	\$9,100,000
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: Wastewater		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		14-352-005		Conserv II Deep Bed Filters		CIP0190_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
Existing Automatic Backwash (ABW) Filters have been completely rehabilitated twice in the last 7 years. They have high maintenance costs. Additionally, they meet the current flow requirements of the facility when fully on line but without FDEP required redundancy.						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Steve Shelnett		4072464119	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
Convert to Deep Bed Filters, after professional evaluation. Deep bed filters have higher flow capacity, lower maintenance, and produce a better quality effluent.						SERVICE AREA			
						Southwest Orlando			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$15,005,000	\$0	\$0	\$0	\$15,005,000	\$0	\$0	\$15,005,000
FIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ALL	\$0	\$15,005,000	\$0	\$0	\$0	\$15,005,000	\$0	\$0	\$15,005,000
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	22-WAS-002	Conserv II Nutrient Removal and Treatment							CIP0274_P	0																																																					
DIVISION:	WATER RECLAMATION	PRIORITY: Repair / Replacement																																																														
PROBLEM IDENTIFICATION OR NEED:																																																																
<p>The City owns and operates the Water Conserv II Facility (CII WRF). It is a 25.0 million gallon per day (MGD) annual average daily flow (AADF) design capacity dual-train activated sludge domestic wastewater treatment plant. The CII WRF consists of influent screening, grit removal, aeration, secondary clarification, chemical feed facilities, filtration, chlorination, and biosolids dewatering and Bioset biosolids treatment system. The Florida Department of Environmental Protection (FDEP) Operating Permit No. FLA010814 was issued on December 9, 2021 including reclaimed water limitations for Total Nitrogen (TN) of 3.0mg/L and Total Phosphorus (TP) of 1.0 mg/L to Land Application System R-002 which is the Conserv II Rapid Infiltration Basin (RIB) system including RIB Sites #1 - #10. Previous studies and design documents have been performed to develop modifications to the facility to achieve the more stringent nutrient limitations. Full scale Performance Testing has recently been completed and documented to FDEP that has resulted in approval of the original 25 mgd AADF design capacity in the current Operating Permit.</p>																																																																
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																
<p>The City is looking to develop and evaluate alternatives to insure reliable, cost-effective treatment to achieve Advanced Wastewater Treatment (AWT) reclaimed water limitations at the CII WRF (i.e. 3 mg/L TN and 1 mg/L TP). This is anticipated to utilize phased improvements to the existing Biological Nutrient Removal (BNR) system based on projected flows to achieve an interim 21 mgd AWT and ultimate 25 mgd AWT design capacity.</p>																																																																
<table border="1"> <tr> <td colspan="2">Recurring?</td> <td colspan="9">No</td> </tr> <tr> <td colspan="11">SERVICE AREA</td> </tr> <tr> <td colspan="11">Citywide</td> </tr> <tr> <td colspan="11">LOCATION</td> </tr> </table>											Recurring?		No									SERVICE AREA											Citywide											LOCATION																				
Recurring?		No																																																														
SERVICE AREA																																																																
Citywide																																																																
LOCATION																																																																
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																							
4106	\$2,000,000	\$13,000,000	\$0	\$0	\$0	\$15,000,000	\$0	\$0	\$15,000,000																																																							
ALL	\$2,000,000	\$13,000,000	\$0	\$0	\$0	\$15,000,000	\$0	\$0	\$15,000,000																																																							
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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		12-352-001		Conserv II RIB Site 1 & 10 Expansion						CIP0118_P		0	
DIVISION: WATER RECLAMATION		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	
										CONTACT: Paul Deuel		4072463510	
REMARKS													
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.													
Recurring? No													
SERVICE AREA													
Southwest Orlando													
LOCATION													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
4106	\$0	\$0	\$0	\$0	\$4,000,000	\$4,000,000	\$0	\$4,100,000	\$8,100,000				
ALL	\$0	\$0	\$0	\$0	\$4,000,000	\$4,000,000	\$0	\$4,100,000	\$8,100,000				
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	21-WAS-003	Easterly Wetlands Parking Lot Improvement							CIP0270_P	0																																																					
DIVISION:	WATER RECLAMATION	PRIORITY: Existing Deficiency																																																														
PROBLEM IDENTIFICATION OR NEED:																																																																
<p>The existing parking lot at the Wetlands has reached capacity and needs to be expanded. Currently, the parking lot area is a simple dirt lot with no markings or bumpers for parking spaces except for 2 paved handicap spots. Nearly every weekend and often during the week particularly during spring time the parking fills to capacity and beyond. This forces cars to park across the street in the Seminole Ranch parking lot and along Wheeler Rd. Occasionally cars line both sides of Wheeler Rd which is already narrow.</p>																																																																
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																
<p>The City would like to expand the current parking lot area and stabilize it using pervious pavers and install bioswales to capture runoff. For this project I envision that we need to solicit help from experienced urban design professional or architect along with a contractor to facilitate the installation. Ideally the parking area would expand to 48,000 sq. feet and provide for 100+ vehicles.</p>																																																																
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																							
4106	\$350,000	\$0	\$0	\$0	\$0	\$350,000	\$0	\$0	\$350,000																																																							
ALL	\$350,000	\$0	\$0	\$0	\$0	\$350,000	\$0	\$0	\$350,000																																																							
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LOCATION																																																																

TYPE OF SERVICE: Wastewater		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-WAS-007		Inflow & Infiltration Reduction Project		CIP0248_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>This Project is aimed at reducing the total volume of flow being conveyed to the City of Orlando's Wastewater Treatment Facilities. 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.</p>						Department Rating		4 .	
						CIE Requirement		N	
						CONTACT: Chuck Shultz		4072462658	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
<p>The overall goals of this project will be to identify storm water inflow and groundwater infiltration sources that are contributing to levels of extraneous flow and take necessary steps to cost effectively remediate them, such as relining or replacing.</p>						Recurring?		No	
						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000	\$0	\$1,750,000	\$11,750,000
ALL	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$10,000,000	\$0	\$1,750,000	\$11,750,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To			Salaries, Wages, Benefits		\$0	
						Operating Costs		\$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-002		Iron Bridge Biosolids Disposal Improvements						CIP0236_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement											
PROBLEM IDENTIFICATION OR NEED:													
Effective and predictable disposal of biosolids is necessary to operate a water reclamation facility. Due to changing regulations it has become 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.													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):													
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.													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
4106	\$500,000	\$10,000,000	\$5,000,000	\$0	\$0	\$15,500,000	\$0	\$500,000	\$16,000,000				
ALL	\$500,000	\$10,000,000	\$5,000,000	\$0	\$0	\$15,500,000	\$0	\$500,000	\$16,000,000				
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	21-WAS-002	Iron Bridge Power Generation Improvements								0
DIVISION:	WATER RECLAMATION	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING	
1. There is currently no ability to run generators manually 2. The existing emergency power plan for the Iron Bridge WRF is no longer valid 3. A new fuel tank has been added to our tank farm, but it has not been fully installed 4. Based on a recent FDEP inspection violation, our 18 fuel tank actuators need to be replaced 5. There is currently no way to perform Load Bank testing of our generators 6. As a result of the recent 480V Project, generator docking stations have been installed at multiple process areas. However, the City does not own a portable generator large enough to handle the required loads.										Department Rating 1. CIE Requirement N	
										CONTACT: Anthony Shorter 4077167021	
										REMARKS	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Our intent is to roll of the above issues into a single project as follows: 1. Add the ability to manually start generators via a local control panel for a scenario in which the automation fails 2. Work with Electrical Engineers to develop an engineered emergency power plan 3. Fully install and commission the existing 6th fuel tank 4. Per DEP, replace the 18 fuel actuators that are no longer manufactured or supported 5. Add the conduit, cable and equipment required to perform scheduled load bank testing 6. Purchase 2 @ 500kw portable generators that could be used at any of our treatment facilities or large lift stations.										Recurring? No	
										SERVICE AREA	
										Iron Bridge	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
4100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000		
4100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
4106	\$0	\$0	\$0	\$0	\$2,250,000	\$2,250,000	\$0	\$0	\$2,250,000		
ALL	\$0	\$0	\$0	\$0	\$2,250,000	\$2,250,000	\$0	\$400,000	\$2,650,000		
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									

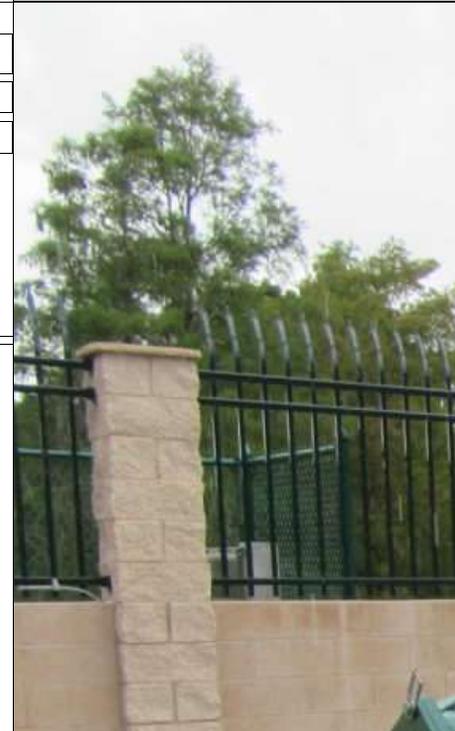
TYPE OF SERVICE: Wastewater		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		21-WAS-007		Iron Bridge Reclaim Pump Station Improvements				0	
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>The current pump controller solution at the Iron Bridge Reclaim Pump Station (RPS) is configured in such a way that a single VFD and Solid State Reduced Voltage Starter (SSRVS) is used to control multiple pumps. We have seen no evidence that this solution was a cost effective alternative to having a single VFD for each pump. The system has proven to be overly complex and difficult to maintain. The specialized equipment that was installed for this solution has reached the end of its useful life, is no longer manufactured, and is no longer supported, so a direct replacement is not an option. Additionally, there is no Tie Breaker in this electrical gear to feed power from either of the source transformers.</p>						Department Rating		3.	
						CIE Requirement		N	
						CONTACT: Paul Deuel		4072463510	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
<p>Replace the controllers for the 4 High Service Pumps, and the 4 Transfer Pumps such that each pump has its own individual VFD. Add a Tie Breaker to the electrical switchboard such that all of the pumps can be run from either transformer. This will allow the pump station to maintain full operation in the event of an electrical failure or required maintenance on one side of the bus.</p>						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$0	\$0	\$0	\$1,250,000	\$1,250,000	\$0	\$0	\$1,250,000
ALL	\$0	\$0	\$0	\$0	\$1,250,000	\$1,250,000	\$0	\$0	\$1,250,000
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:	Wastewater	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	PUBLIC WORKS DEPARTMENT	21-WAS-006	Lift Station 248 Replacement								0
DIVISION:	WATER RECLAMATION	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:										PROJECT RANKING	
Lift Station (LS) 248, which was constructed in 1988, is a submersible station located on an approximately 1.42-acre City-owned parcel at 900 Bennett Road. This 15.85 MGD station collects wastewater from Sub-Areas 1 through 10 of the Northeast Urban Sewered Area and pumps it through a 36-inch force main to LS 249, which pumps directly to the Iron Bridge Regional WRF. A significant amount of growth is expected within the LS 248 drainage area within the next 20 years. The lift station replacement project will address capacity as well as the condition of the existing facility.										Department Rating	3.
										CIE Requirement	N
										CONTACT: Charles Schultz	4072462658
										REMARKS	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):										Recurring?	No
The overall project will include the decommissioning and abandonment of the existing LS 248 wet well and construction of a new LS 248 on the same parcel. The new lift station will include a new wet well, submersible pumps, piping, instrumentation and controls, standby emergency generator, Electrical Building, and miscellaneous site work. The existing odor control system, which was replaced in 2017, will remain and be reconfigured to serve the new station.										SERVICE AREA	
										CITYWIDE	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
FIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4106	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$0	\$0	\$500,000	\$500,000	
ALL	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$0	\$0	\$500,000	\$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: Wastewater		PROJECT NUMBER		PROJECT NAME:						FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		22-WAS-003		Lift Station 249 Rehabilitation						CIP0275_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement											
PROBLEM IDENTIFICATION OR NEED:													
Lift station 249 is in need of rehabilitation. The station is located at 7901 E. Colonial Dr and flows to the Iron Bridge Water Reclamation Treatment Facility.													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):													
Rehabilitation of the existing lift station 249. The City does not have a defined scope of services yet, but improvements will most likely include upgrading and replacing wet wells, valves, electrical instrumentation, pipes, odor control system, fence and gates, pumps, site improvements, etc.													
PROJECT RANKING													
Department Rating										3.			
CIE Requirement										N			
CONTACT: Jesus Roman										4072462046			
REMARKS													
Recurring? No													
SERVICE AREA													
Citywide													
LOCATION													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
4106	\$1,000,000	\$6,000,000	\$0	\$0	\$0	\$7,000,000	\$0	\$0	\$7,000,000				
ALL	\$1,000,000	\$6,000,000	\$0	\$0	\$0	\$7,000,000	\$0	\$0	\$7,000,000				
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: Wastewater		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		21-WAS-004		Lift Station 55 Replacement		CIP0260_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>Lift Station 55 was constructed in 1974 on International Drive as an old wet pit - dry pit configuration. The lift station is reaching the end of useful service life and needs to be reconstructed in a submersible configuration to continue providing sanitary sewer service to the collection area. Lift Station 249 was constructed in 1977 on East Colonial Dr. The lift station received miscellaneous improvements in the early 2000's. LS 249 is required to pump all of the City flows within the Iron Bridge WRF area. The lift station needs upgrades to continue meeting the City sanitary sewer conveyance to the Iron Bridge WRF and to prepare for future upgrades to LS248.</p>						Department Rating		3.	
						CIE Requirement		N	
						CONTACT: Chuck Shultz		4072462658	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						REMARKS			
<p>Prepare and advertise an RFQ, select engineers, proceed with design and following construction.</p>						Recurring?		No	
						SERVICE AREA			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$4,850,000	\$0	\$0	\$0	\$4,850,000	\$0	\$1,000,000	\$5,850,000
ALL	\$0	\$4,850,000	\$0	\$0	\$0	\$4,850,000	\$0	\$1,000,000	\$5,850,000
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			

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: WATER RECLAMATION		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
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.						Department Rating		4 . 21	
						CIE Requirement		N	
						CONTACT: Charles Shultz		4072462658	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
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	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$1,000,000	\$250,000	\$0	\$0	\$0	\$1,250,000	\$0	\$4,250,000	\$5,500,000
ALL	\$1,000,000	\$250,000	\$0	\$0	\$0	\$1,250,000	\$0	\$4,250,000	\$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
DEPARTMENT:	PUBLIC WORKS DEPARTMENT	07-354-002	Lift Station Rehabilitation							CIP0103_P	0
DIVISION:	WATER RECLAMATION	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:											
<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>											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
<p>Lift Station 2 and 85 are currently in the preliminary design phase. This project provides for the engineering and construction of a new Lift Station 2 and 85.</p>											
PROJECT RANKING											
Department Rating								3. 1			
CIE Requirement								N			
CONTACT: Chuck Shultz								4072462658			
REMARKS											
Total Project costs are \$5,000,000. The remaining\$ 3,750,000 will be funded using SRF funds once they are received.											
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.											
Recurring?								No			
SERVICE AREA											
CITYWIDE											
LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
FIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
4106	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000	\$0	\$26,650,000	\$41,650,000		
4110	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000		
ALL	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000	\$0	\$28,650,000	\$43,650,000		
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		10-354-001		Lift Station Telemetry Replacement						CIP0106_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement											
PROBLEM IDENTIFICATION OR NEED:													
Lift Stations depend upon SCADA and telemetry for the continual monitoring and control of the over 240 City Lift Stations. The monitoring and control is critical to successful operations and prevention of overflows. The majority of the existing telemetry radios are over 15 years old, whereas, the expected radio life is 10 years. In addition many of the existing control panels are not Unlisted. Both radios and controls should be replaced.										PROJECT RANKING			
										Department Rating		3.6	
										CIE Requirement		N	
										CONTACT: Charles Shultz		4072462658	
REMARKS													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):													
Replace telemetry radios and control panels. Approximately 240 radios and control panels.													
Recurring? No													
SERVICE AREA													
CITYWIDE													
LOCATION													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
4106	\$0	\$3,000,000	\$1,000,000	\$3,000,000	\$0	\$7,000,000	\$0	\$0	\$7,000,000				
4110	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000				
ALL	\$0	\$3,000,000	\$1,000,000	\$3,000,000	\$0	\$7,000,000	\$0	\$3,000,000	\$10,000,000				
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		05-354-001		Lift Station Underground Rehabilitation		CIP0071_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>The City of Orlando Lift Stations section currently maintains over 240 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, a two-man crew, fall protection and gas monitor are required. Lift Station employees must enter these areas for inspections and maintenance.</p>						Department Rating		2.3	
						CIE Requirement		N	
						CONTACT: Chuck Shultz		4072462658	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
<p>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.</p>						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$12,000,000	\$0	\$0	\$12,000,000
4107	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,725,000	\$15,725,000
ALL	\$0	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$12,000,000	\$0	\$15,725,000	\$27,725,000
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						
									

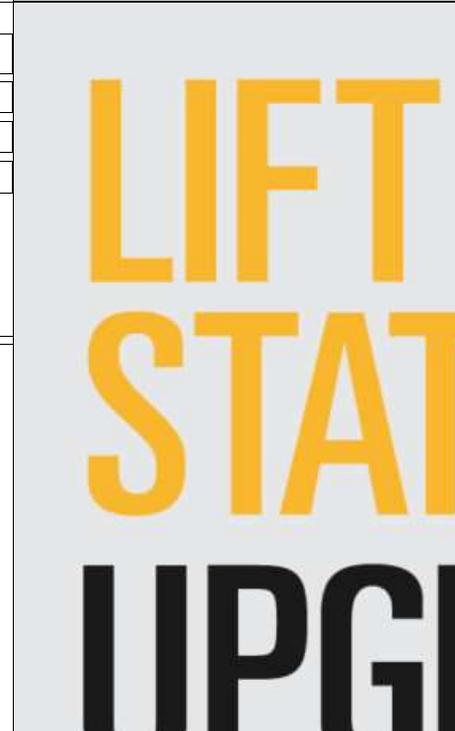
TYPE OF SERVICE: Wastewater		PROJECT NUMBER		PROJECT NAME:						FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		13-354-001		Lift Stations Electrical Safety Improvements						CIP0178_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Existing Deficiency											
PROBLEM IDENTIFICATION OR NEED:													
The Wastewater Division is implementing a program to align the Division's 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.										PROJECT RANKING			
										Department Rating		2. 32	
										CIE Requirement		Y	
										CONTACT: Chuck Shultz		4072462658	
REMARKS													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):													
Replace the deficient panels to comply with NFPA 70E in accordance with current lift station standards. Design and construct the upgrades.													
Recurring? No													
SERVICE AREA													
CITYWIDE													
LOCATION													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
4106	\$250,000	\$2,000,000	\$250,000	\$2,000,000	\$0	\$4,500,000	\$0	\$6,100,000	\$10,600,000				
4110	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000				
ALL	\$250,000	\$2,000,000	\$250,000	\$2,000,000	\$0	\$4,500,000	\$0	\$7,100,000	\$11,600,000				
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	19-WAS-001	Lift Stations Emergency Generators							CIP0217_P	0																																																					
DIVISION:	WATER RECLAMATION	PRIORITY: Existing Deficiency																																																														
PROBLEM IDENTIFICATION OR NEED:																																																																
To provide emergency electrical power to sanitary Lift Stations during emergencies (e.g. hurricane) and normal power outages. After the 2017 Hurricane season, the Division embarked on a program to install emergency generators and all City lift stations (if practical). There are still about 100 lift stations without generators.																																																																
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																
Install emergency generators and associated electrical components at Lift Stations.																																																																
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																							
4106	\$0	\$2,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$11,500,000	\$0	\$4,900,000	\$16,400,000																																																							
ALL	\$0	\$2,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$11,500,000	\$0	\$4,900,000	\$16,400,000																																																							
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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		07-344-001		Line Sewers		CIP0105_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
Some of the City's wastewater collection system consists of clay and concrete pipes that were installed over 50 years ago. Over time, the 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 clay and concrete pipes may be relined to eliminate deteriorated pipe or to correct some misalignment.						Department Rating		3. 18	
						CIE Requirement		N	
						CONTACT: Charles Shultz		4072462658	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
The Wastewater Division is implementing a program to install cured in-place liners (CIPP) into sewers to address misaligned pipe, deteriorated pipe or leaking joints.						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000	\$850,000	\$11,250,000	\$27,100,000
ALL	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000	\$850,000	\$11,250,000	\$27,100,000
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		12-354-002		LS 1,2, and 3 Force Main		CIP0135_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>LS 1, 2, and 3 are major lift stations that pump sanitary waste from the downtown and surrounding areas of Orlando. The cast iron force mains (pressure pipe) that conveys the wastes, from the lift stations, were constructed in the 1940's and 1950's and are near the end of their useful life.</p>						Department Rating		2. 15	
						CIE Requirement		N	
						CONTACT: Chuck Shultz		4072462658	
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						REMARKS			
<p>The project, which commenced in 2016, is a multi-phase and multi-year project to construct new force mains for the conveyance of sanitary waste.</p>						Investigate means of determining the force main condition and alternate force main routes.			
						Recurring?		No	
						SERVICE AREA			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
FIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4106	\$21,000,000	\$1,200,000	\$0	\$5,000,000	\$1,000,000	\$28,200,000	\$0	\$12,050,000	\$40,250,000
ALL	\$21,000,000	\$1,200,000	\$0	\$5,000,000	\$1,000,000	\$28,200,000	\$0	\$12,050,000	\$40,250,000
PROJECT COST BY PHASE									
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
				Salaries, Wages, Benefits					
				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: WATER RECLAMATION		PRIORITY: Repair / Replacement																																																																																	
PROBLEM IDENTIFICATION OR NEED:																																																																																			
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.										PROJECT RANKING																																																																									
										Department Rating		3.9																																																																							
										CIE Requirement		N																																																																							
										CONTACT: Charles Shultz		4072462658																																																																							
REMARKS																																																																																			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																																			
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.																																																																																			
Recurring? No																																																																																			
SERVICE AREA																																																																																			
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LOCATION																																																																																			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																																			
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																																										
4106	\$2,500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,500,000	\$0	\$10,000,000	\$16,500,000																																																																										
ALL	\$2,500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,500,000	\$0	\$10,000,000	\$16,500,000																																																																										
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TYPE OF SERVICE: Wastewater		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		19-WAS-009		Reclaimed Water System Valve Replacements		CIP0250_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
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 selection of valves have been identified to repair or replace.						Department Rating		3.	
						CIE Requirement		N	
						CONTACT: Chuck Shultz		4072462658	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
Repair or replace the valves as needed for operations.						SERVICE AREA			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	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	\$1,200,000	\$6,700,000
ALL	\$1,500,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,500,000	\$0	\$1,200,000	\$6,700,000
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-001		Sanitary Service Lateral Rehabilitation						CIP0200_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement											
PROBLEM IDENTIFICATION OR NEED:													
As the sanitary sewer system ages the service laterals also need repair or replacement. Point repairs of laterals or CIPP lining of laterals is a large part of the SEM emergency work.										PROJECT RANKING			
										Department Rating		3.	
										CIE Requirement		N	
										CONTACT: Charles Shultz		4072462658	
REMARKS													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):													
Investigate areas of lateral failure and rehabilitate the laterals.													
Recurring? No													
SERVICE AREA													
LOCATION													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
4106	\$0	\$750,000	\$1,000,000	\$1,000,000	\$1,000,000	\$3,750,000	\$0	\$4,500,000	\$8,250,000				
ALL	\$0	\$750,000	\$1,000,000	\$1,000,000	\$1,000,000	\$3,750,000	\$0	\$4,500,000	\$8,250,000				
PROJECT COST BY PHASE													
Project Phasing						IMPACT ON OPERATING COST (+-)							
Description		Estimated Time		Estimated Cost		Salaries, Wages, Benefits Operating Costs Other Capital Costs Total Annual Operating Costs: SOURCE: Total Annual Income							
		From To											



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: WATER RECLAMATION		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:					PROJECT RANKING				
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):					Recurring? No				
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	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$2,000,000	\$1,500,000	\$2,000,000	\$2,000,000	\$7,500,000	\$0	\$6,500,000	\$14,000,000
ALL	\$0	\$2,000,000	\$1,500,000	\$2,000,000	\$2,000,000	\$7,500,000	\$0	\$6,500,000	\$14,000,000
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: Wastewater		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		11-344-006		Sewage Air Release Valve Replacement		CIP0114_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
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):						Recurring? No			
Provide evaluation and replacement of the ARV's.						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$2,000,000	\$1,500,000	\$2,500,000	\$0	\$6,000,000	\$0	\$5,400,000	\$11,400,000
ALL	\$0	\$2,000,000	\$1,500,000	\$2,500,000	\$0	\$6,000,000	\$0	\$5,400,000	\$11,400,000
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		23-WAS-001		Transmission System Master Study				0	
DIVISION: WATER RECLAMATION		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
The City desires a holistic and long-term approach to wastewater system planning that considers current and future land uses, planned developments, updates system flow projections.						Department Rating		4 .	
						CIE Requirement		N	
						CONTACT: Jesus Roman		4072462046	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? No			
Development of a comprehensive wastewater master plan to provide for the orderly expansion, upgrades and improvements to the system assets. Phase I of the master plan will consider planning for the collection and transmission systems over the next 20 years. Phase II will focus on the Treatment Systems over a similar period.						SERVICE AREA			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$0	\$750,000	\$0	\$0	\$0	\$750,000	\$0	\$0	\$750,000
ALL	\$0	\$750,000	\$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		\$0	
						Other Capital Costs		\$0	
						Total Annual Operating Costs:		\$0	
						SOURCE:			
						Total Annual Income			

CAPITAL IMPROVEMENT PROGRAM

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CAPITAL IMPROVEMENT PROGRAM

City of Orlando
2022 - 2026
Capital Improvements - Project List by Fund - Recurring

Fund	Project Name	Project	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	Total
Capital Improvement Fund	Athletic Field Maintenance	REC0006_P	641,000	641,000	641,000	641,000	641,000	3,205,000
Capital Improvement Fund	Facility Evaluation, Repairs, and Rehabilitation	FAC0019_P	1,500,000	1,245,800	1,000,000	1,250,000	1,250,000	6,245,800
Capital Improvement Fund	Fire Equipment Replacement	OFD0003_P	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	6,000,000
Capital Improvement Fund	Miscellaneous Sidewalk Repair	STW0012_P	300,000	300,000	300,000	300,000	300,000	1,500,000
Capital Improvement Fund	OPD Equipment Replacement	OPD0002_P	1,768,000	1,300,000	1,300,000	1,300,000	1,300,000	6,968,000
Capital Improvement Fund	Parks and Playground Renovation Project	PKS0009_P	1,225,000	1,250,000	1,250,000	1,250,000	1,250,000	6,225,000
Capital Improvement Fund	Pavement Rehabilitation	STW0007/9	2,000,000	2,500,000	2,500,000	2,500,000	3,000,000	12,500,000
Capital Improvement Fund	Recreation Facility Renovations and Maintenance	REC0005_P	1,500,000	1,730,000	1,730,000	2,000,000	2,500,000	9,460,000
Capital Improvement Fund	School Safety Sidewalk Program	STW0010_P	600,000	600,000	600,000	600,000	600,000	3,000,000
Capital Improvement Fund	Sidewalk Remediation Program	STW0023_P	850,000	1,000,000	1,000,000	1,000,000	1,000,000	4,850,000
Capital Improvement Fund	Transportation Safety Projects	TRN0001_P	700,000	600,000	500,000	400,000	400,000	2,600,000
Capital Improvement Fund	Transportation System Equipment and Maintenance	TRE0044_P	300,000	300,000	300,000	300,000	300,000	1,500,000
Community Redevelopment Agency	Arts & Culture	CRA0025_P	300,000	-	-	-	-	300,000
Community Redevelopment Agency	Downtown Capital Maintenance	CRA0016_P	1,487,602	1,500,000	1,500,000	1,500,000	-	5,987,602
Community Redevelopment Agency	Transportation Access & Connectivity	CRA0023_P	6,334,392	-	-	-	-	6,334,392
Downtown South Neighborhood Improvement District Fund	DSNID Projects	EDV0009_P	700,000	200,000	200,000	200,000	200,000	1,500,000
Gas Tax Fund	ADA Transition Plan	STW0022_P	300,000	300,000	300,000	300,000	300,000	1,500,000
Gas Tax Fund	Bicycle Plan Implementation	TSP0013_P	200,000	200,000	200,000	200,000	200,000	1,000,000
Gas Tax Fund	Brick Street Restoration	STW0015_P	100,000	100,000	100,000	100,000	100,000	500,000
Gas Tax Fund	Miscellaneous Sidewalk Repair	STW0012_P	200,000	200,000	200,000	200,000	200,000	1,000,000
Gas Tax Fund	Pavement Marking Maintenance	TRE0010_P	450,000	550,000	450,000	550,000	450,000	2,450,000
Gas Tax Fund	Pavement Rehabilitation	STW0007/9	2,500,000	2,500,000	2,500,000	2,500,000	3,000,000	13,000,000
Gas Tax Fund	School Safety Sidewalk Program	STW0010_P	100,000	100,000	100,000	100,000	100,000	500,000
Gas Tax Fund	Traffic Signal Refurbishing Program	TRE0007_P	200,000	200,000	200,000	200,000	200,000	1,000,000
Stormwater Capital Fund	System Repair and Rehabilitation	STW0056_P	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
Water Reclamation General Construction Fund	Bill Fredrick Park Lift Station Improvements	CIP0264_P	500,000	-	-	-	-	500,000
Water Reclamation General Construction Fund	Conserv I Area Collection System Improvements	CIP0214_P	2,500,000	2,500,000	3,000,000	3,000,000	3,000,000	14,000,000
Water Reclamation General Construction Fund	Conserv II Area Collection System Improvements	CIP0059_P	2,500,000	-	1,500,000	3,000,000	3,000,000	10,000,000
Water Reclamation General Construction Fund	Conserv II Process Improvements and Upgrades	CIP0063_P	500,000	2,500,000	-	-	-	3,000,000
Water Reclamation General Construction Fund	Easterly Wetlands Restoration	CIP0161_P	500,000	500,000	-	-	-	1,000,000
Water Reclamation General Construction Fund	Iron Bridge Area Collection System Improvements	CIP0176_P	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
Water Reclamation General Construction Fund	Iron Bridge Grit System Replacement	CIP0173_P	700,000	21,000,000	-	-	-	21,700,000
Water Reclamation General Construction Fund	Sanitary upgrades with other projects	CIP0202_P	4,000,000	3,000,000	4,000,000	4,000,000	4,000,000	19,000,000
Water Reclamation R&R Fund	Miscellaneous Renewal and Replacement	WAS0001_P	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000

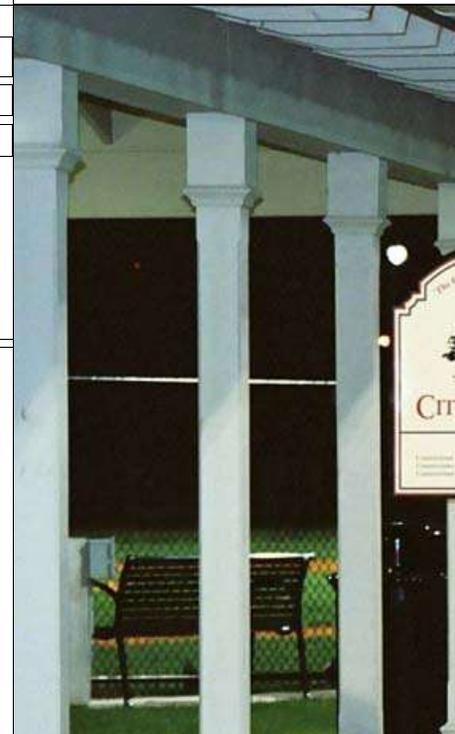
CIP Report - Recurring Totals \$ 44,155,994 \$ 54,516,800 \$ 33,071,000 \$ 35,091,000 \$ 34,991,000 \$ 201,825,794

CAPITAL IMPROVEMENT PROGRAM

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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.											
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.											
FY21/22 - \$641,000											
Lake Lorna Doone - Resod football field Delaney - resod baseball and softball Eagles Nest - resod after drainage work on large and baseball fields. Multiple sites aerate, verticut, sod, mulch, clay and curfew treatment. Multiple sites require scoreboard replacement- Blue Jacket, Callahan, Englewood, Hankins, Rock Lake, Smith and Trotters.											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$641,000	\$641,000	\$641,000	\$641,000	\$641,000	\$3,205,000	\$0	\$1,823,000	\$5,028,000		
ALL	\$641,000	\$641,000	\$641,000	\$641,000	\$641,000	\$3,205,000	\$0	\$1,823,000	\$5,028,000		
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	2.
CIE Requirement	N
CONTACT: Rodney Williams	4072464309
REMARKS	
Recurring?	Yes
SERVICE AREA	
CITYWIDE	
LOCATION	



TYPE OF SERVICE:	Public Facilities	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	BUSINESS & FINANCIAL SVCS.	15-FAC-001	Facility Evaluation, Repairs, and Rehabilitation							FAC0019_P	0				
DIVISION:	FACILITIES MGMT.	PRIORITY: Existing Deficiency													
PROBLEM IDENTIFICATION OR NEED:															
This project will identify facility repair and renovation needs, assess their size and scope and develop high-level plans to address them for facilities city-wide. A key component of the effort is to prioritize facility projects in an environment when demand exceeds available funding. Types of activities funded within this project include major replacements such as roofs, HVAC Equipment and Plumbing Infrastructure.															
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):															
Based upon the 5 year Capital Plan for FAC0019_P manage the various projects identified within it.															
FY2021/22 Callahan Hallway/Headstart - \$62,000 Callahan Auditorium DX Unit - \$30,600 Callahan Neighborhood Ctr. Roof Replacement - \$522,342 EOC Data Center HVAC Protection - \$40,020 Fire Station #12 Envelope Issues for Infiltration - \$79,235 Flow Battery Pilot - \$57,500 Charter School Roof Replacement - \$455,000 (total is \$1M, \$545,000 allocated in FY21) Assessments and Contingency - \$250,000															
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR															
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total						
3001	\$1,500,000	\$1,245,800	\$1,000,000	\$1,250,000	\$1,250,000	\$6,245,800	\$0	\$7,182,100	\$13,427,900						
ALL	\$1,500,000	\$1,245,800	\$1,000,000	\$1,250,000	\$1,250,000	\$6,245,800	\$0	\$7,182,100	\$13,427,900						
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											
<table border="1"> <tr> <td>Recurring?</td> <td>Yes</td> </tr> <tr> <td>SERVICE AREA</td> <td>CITYWIDE</td> </tr> <tr> <td>LOCATION</td> <td></td> </tr> </table>										Recurring?	Yes	SERVICE AREA	CITYWIDE	LOCATION	
Recurring?	Yes														
SERVICE AREA	CITYWIDE														
LOCATION															
															

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:						PROJECT RANKING			
This equipment replacement request is submitted annually to alleviate the impact of large purchases, including bunker gear, air packs, air bottles and other depreciable equipment like rope and extrication tools.						Department Rating		1 . 1	
						CIE Requirement		N	
						CONTACT: Tysha Resnick		4072463131	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? Yes			
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 funding is spent on bunker gear, purchased every five years, alternating 2 sets of gear, each with a 10 year life cycle. This expense will be at or above the \$2.2M spent in FY19 for new gear. The next purchase will be in FY22. Other large expenditures may include thermal imagers/RIT packs (quote pending – Logistics), \$250K tablet purchase to replace 85 existing patient care tablets / electronic patient care reporting (EPCR) hardware, in addition to the staggered, rotating purchase of response radios for shift personnel approximately 150 radios total, 40 replaced each year with \$300K annual cost expected.						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$6,000,000	\$4,800,000	\$5,800,000	\$16,600,000
ALL	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$6,000,000	\$4,800,000	\$5,800,000	\$16,600,000
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:	PUBLIC WORKS DEPARTMENT	77-722-004	Miscellaneous Sidewalk Repair							STW0012_P	
DIVISION:	ENGINEERING SERVICES	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:											
<p>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.</p>										PROJECT RANKING	
										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.											
										Recurring?	Yes
										SERVICE AREA	
										CITYWIDE	
										LOCATION	
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	\$300,000	\$8,090,808	\$9,890,808		
1100	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$800,000	\$6,727,305	\$8,527,305		
ALL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$1,100,000	\$14,818,113	\$18,418,113		
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:	Public Safety	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	POLICE DEPARTMENT	19-OPD-001	OPD Equipment Replacement							OPD0002_P	0
DIVISION:	POLICE ADMINISTRATION	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:											
<p>OPD has a requirement to procure new and replacement equipment on an ongoing basis. FY22, new and replacement equipment list attached. Failure to procure new and replace equipment on a regular cycle can lead to equipment failures and unexpected large equipment purchases.</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.</p> <p>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.</p>											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$1,768,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,968,000	\$0	\$4,925,724	\$11,893,724		
ALL	\$1,768,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$6,968,000	\$0	\$4,925,724	\$11,893,724		
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)						
Project Phasing		Estimated Time		Estimated Cost							
Description		From	To								
Equipment Purchase		10/1/2021	9/30/2022	\$1,506,598							
						Salaries, Wages, Benefits \$0					
						Operating Costs					
						Other Capital Costs					
						Total Annual Operating Costs:					
						SOURCE:					
						Total Annual Income					
<p>PROJECT RANKING</p> <p>Department Rating 1.</p> <p>CIE Requirement</p> <p>CONTACT: Joseph Johnson 4072462812</p> <p>REMARKS</p> <p>These mandatory replacements are critical needs.</p> <p>Recurring? Yes</p> <p>SERVICE AREA</p> <p>CITYWIDE</p> <p>LOCATION</p>											

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NEW - MC
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NEW - Sig
NEW - R2

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											
PROBLEM IDENTIFICATION OR NEED:													
<p>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.</p>													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):													
<p>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.</p>													
FY21/22 - \$1,225,000													
\$175,000 - Replacing various park furnishings -receptacles, shade, signs benches etc.													
\$150,000 - Dickson Azalea upper walls and landscape restoration													
\$250,000 - Demetree Connector to boardwalk replacement													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
3001	\$1,225,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$6,225,000	\$0	\$3,620,000	\$9,845,000				
ALL	\$1,225,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$6,225,000	\$0	\$3,620,000	\$9,845,000				
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:	PUBLIC WORKS DEPARTMENT	79-722-001	Pavement Rehabilitation							STW0007/9	
DIVISION:	STREETS & STORMWATER SVCS	PRIORITY: Repair / Replacement									
PROBLEM IDENTIFICATION OR NEED:											
<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>											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
<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>											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1100	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$3,000,000	\$13,000,000	\$8,000,000	\$50,311,053	\$71,311,053		
3001	\$2,000,000	\$2,500,000	\$2,500,000	\$2,500,000	\$3,000,000	\$12,500,000	\$0	\$5,830,000	\$18,330,000		
ALL	\$4,500,000	\$5,000,000	\$5,000,000	\$5,000,000	\$6,000,000	\$25,500,000	\$8,000,000	\$56,141,053	\$89,641,053		
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	

PROJECT RANKING	
Department Rating	3. 1
CIE Requirement	N
CONTACT: Lisa Henry	4072463646
REMARKS	
Project STW0009_P	
Recurring?	Yes
SERVICE AREA	
CITYWIDE	
LOCATION	



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											
PROBLEM IDENTIFICATION OR NEED:													
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.													
All years will continue include minor repairs to other community centers as needed plus replace of fitness room equipment as needed.													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):													
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.													
FY21/22 - \$1,500,000													
ColoniaItown Neighborhood Center - Total facility renovation for ColoniaItown Center (including exterior surveillance cameras and storm windows and doors); Replace ColoniaItown Center intercom System. Parking lot repaved and lined.													
FY22/23 - \$1,730,000													
Smith Neighborhood Center - Total facility renovation for Smith Neighborhood Center Smith Center A/C system replaced, Cameras inside and													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
3001	\$1,500,000	\$1,730,000	\$1,730,000	\$2,000,000	\$2,500,000	\$9,460,000	\$0	\$3,430,000	\$12,890,000				
ALL	\$1,500,000	\$1,730,000	\$1,730,000	\$2,000,000	\$2,500,000	\$9,460,000	\$0	\$3,430,000	\$12,890,000				
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										

PROJECT RANKING	
Department Rating	1 . 1
CIE Requirement	
CONTACT: Anthony Williams	4072464293
REMARKS	
Recurring?	Yes
SERVICE AREA	
CITYWIDE	
LOCATION	



TYPE OF SERVICE: Transportation		PROJECT NUMBER: 84-722-039		PROJECT NAME: School Safety Sidewalk Program		FINANCIAL PROJECT # STW0010_P		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		84-722-039		School Safety Sidewalk Program					
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			
						Recurring? Yes			
						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000	\$400,000	\$10,737,000	\$14,137,000
1100	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$0	\$5,183,965	\$5,683,965
ALL	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$3,500,000	\$400,000	\$15,920,965	\$19,820,965
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 areas occur for many reasons. One main cause is tree sections of sidewalk.

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:					Department Rating		2.		
Sidewalks become damaged, uneven, or cracked over time. Weather conditions, moisture, tree roots, and everyday use contribute to the deterioration of sidewalks citywide.					CIE Requirement		N		
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):					CONTACT: Lisa Henry		4072463646		
Remediation program to provide for repairs of sidewalk issues to be funded via a transfer to 3001_F from 5015_F Risk Management Fund.					REMARKS				
					Recurring?		Yes		
					SERVICE AREA				
					CITYWIDE				
					LOCATION				
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$850,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,850,000	\$0	\$2,550,000	\$7,400,000
ALL	\$850,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,850,000	\$0	\$2,550,000	\$7,400,000
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.	21-TRE-003	Transportation Safety Projects							TRN0001_P	0
DIVISION:	DIRECTOR OF TRANSPORTATION	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
Excess of revenue from Redlight Camera.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Redlight Camera funds are used for pedestrian safety. These projects fund strategies, policies and initiative advance safe healthy and equitable transportation options for all. Examples of projects are but not limited to.											
<ul style="list-style-type: none"> •Road Diets •Pedestrian Safety Project •16" Countdown Pedestrian Insert Contract Line •Two Orlando Library Pedestrian Crossing •Pedestrian Crosswalk •Primrose Drive Trail Design •Crosswalk - Pavement Markings 											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$700,000	\$600,000	\$500,000	\$400,000	\$400,000	\$2,600,000	\$0	\$400,000	\$3,000,000		
ALL	\$700,000	\$600,000	\$500,000	\$400,000	\$400,000	\$2,600,000	\$0	\$400,000	\$3,000,000		
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.	20-TRE-001	Transportation System Equipment and Maintenance							TRE0044_P	0
DIVISION:	TRANS. ENGINEERING	PRIORITY: Critical Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
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.											
Signal Equipment											
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.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Signal Equipment											
- 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											
- 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											
- 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											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
3001	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	\$0	\$600,000	\$2,100,000		
ALL	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	\$0	\$600,000	\$2,100,000		
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:	Economic Development	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE
DEPARTMENT:	ECONOMIC DEVELOPMENT	21-CRA-011	Arts & Culture							CRA0025_P	0
DIVISION:	COMMUNITY REDEVELOPMENT AGE	PRIORITY: Existing Deficiency									
PROBLEM IDENTIFICATION OR NEED:											
CRA-funded projects to improve access to and opportunities for arts and culture in the downtown CRA.											
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):											
Small Events Large Events DAD Agreement (\$25,000) Mad Cow Agreement (\$24,350) Mural Program											
PROJECT RANKING											
Department Rating								2.			
CIE Requirement								N			
CONTACT: Tiffany Stephens											
REMARKS											
Recurring? Yes											
SERVICE AREA											
LOCATION											
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR											
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total		
1250	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0	\$286,350	\$586,350		
ALL	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0	\$286,350	\$586,350		
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: Economic Development		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: ECONOMIC DEVELOPMENT		16-CRA-002		Downtown Capital Maintenance		CRA0016_P		0	
DIVISION: COMMUNITY REDEVELOPMENT AGE		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
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: Rondale Silcott		4072463603	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? Yes			
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	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$1,487,602	\$1,500,000	\$1,500,000	\$1,500,000	\$0	\$5,987,602	\$0	\$3,998,649	\$9,986,251
ALL	\$1,487,602	\$1,500,000	\$1,500,000	\$1,500,000	\$0	\$5,987,602	\$0	\$3,998,649	\$9,986,251
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: Economic Development		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: ECONOMIC DEVELOPMENT		21-CRA-009		Transportation Access & Connectivity		CRA0023_P		0	
DIVISION: COMMUNITY REDEVELOPMENT AGE		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
CRA-funded initiatives to improve access to transportation and mobility options within the downtown CRA.						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Tiffany Stephens			
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
LYMMO Agreement (\$2,334,392) Pedestrian Wayfinding Robinson Street Improvements Vehicle Wayfinding Bollards Agreement (\$1,600,000)						Recurring?		Yes	
						SERVICE AREA			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1250	\$6,334,392	\$0	\$0	\$0	\$0	\$6,334,392	\$0	\$4,247,946	\$10,582,338
ALL	\$6,334,392	\$0	\$0	\$0	\$0	\$6,334,392	\$0	\$4,247,946	\$10,582,338
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: 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			PROJECT RANKING				
PROBLEM IDENTIFICATION OR NEED:					Department Rating 2.				
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.					CIE Requirement				
					CONTACT: Martin Hudson		4072463242		
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):					EDV0009_P DSNID Projects				
Capital projects and other multi-year commitments of the Downtown South Neighborhood Improvement District. 2022: Division Bike Trail Upgrades (\$100,000), Placemaking/Enhacement (\$100,000), O-Line (\$400,000) -CIID Charges (\$100,000) 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.					Recurring?		Yes		
					SERVICE AREA				
					South Downtown Orlando				
					LOCATION				
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1170	\$700,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,500,000	\$0	\$2,220,000	\$3,720,000
ALL	\$700,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,500,000	\$0	\$2,220,000	\$3,720,000
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					

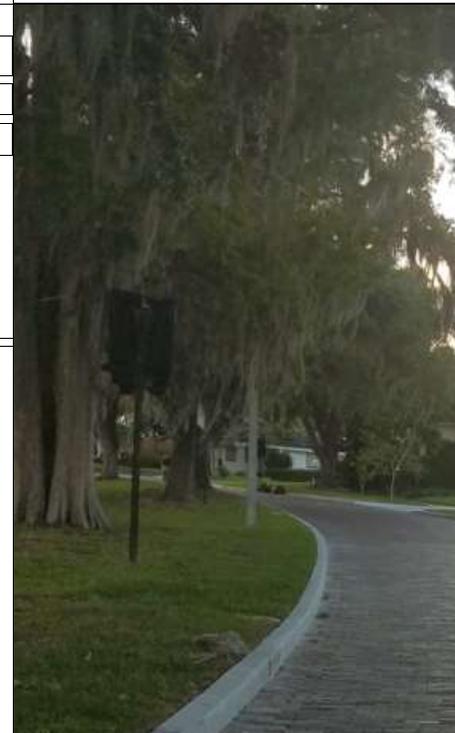


TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:	FINANCIAL PROJECT #	PAGE				
DEPARTMENT:	PUBLIC WORKS DEPARTMENT	16-STW-001	ADA Transition Plan	STW0022_P	0				
DIVISION:	STREETS & STORMWATER SVCS	PRIORITY: Existing Deficiency		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating 2.					
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.				CIE Requirement					
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Lisa Henry 4072463646					
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.				REMARKS					
				Recurring? Yes					
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	\$0	\$1,350,000	\$2,850,000
ALL	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	\$0	\$1,350,000	\$2,850,000
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					

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							
PROBLEM IDENTIFICATION OR NEED:				PROJECT RANKING					
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.				Department Rating	2. 18				
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.				CIE Requirement	N				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Ian Sikonia	4072462092				
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:				REMARKS					
- Restriping of bike lanes, sharrows and other bicycle pavement markings				Bicycle Plan Implementation TSP0013_P					
- Maintain bicycle rack program				Formally named Miscellaneous Transportation Elements					
- Maintain bicycle/pedestrian counter program, including annual software maintenance fees				Recurring?	Yes				
- Maintain bicycle repair stations on trails				SERVICE AREA					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR				CITYWIDE					
LOCATION									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$619,895	\$2,000,217	\$3,620,112
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
ALL	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$744,895	\$2,075,565	\$3,820,460
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:	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				
				CONTACT: Jim Hunt	4072463623				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				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					
				Recurring?	Yes				
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$0	\$1,638,137	\$2,138,137
ALL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$0	\$1,638,137	\$2,138,137
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	77-722-004	Miscellaneous Sidewalk Repair	STW0012_P					
DIVISION:	ENGINEERING SERVICES	PRIORITY: Repair / Replacement		PROJECT RANKING					
PROBLEM IDENTIFICATION OR NEED:				Department Rating	1 . 2				
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.				CIE Requirement	N				
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):				CONTACT: Jim Hunt	4072463623				
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.				REMARKS					
				This is an ongoing program to repair only the most hazardous of broken sidewalks.					
				For FY16/17 an additional \$150,000 allocated to be used toward Parramore Safe Routes to School Project (STW0012_P)					
				Recurring?	Yes				
				SERVICE AREA					
				CITYWIDE					
				LOCATION					
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	\$300,000	\$8,090,808	\$9,890,808
1100	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$800,000	\$6,727,305	\$8,527,305
ALL	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$1,100,000	\$14,818,113	\$18,418,113
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.		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: Yameli Herschelm 4072463322			
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.			
						Recurring?		Yes	
						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
1100	\$450,000	\$550,000	\$450,000	\$550,000	\$450,000	\$2,450,000	\$500,000	\$3,995,382	\$6,945,382
3001	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$800,000	\$1,300,000
ALL	\$450,000	\$550,000	\$450,000	\$550,000	\$450,000	\$2,450,000	\$1,000,000	\$4,795,382	\$8,245,382
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		\$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:																																																															
<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>																																																															
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																															
<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>																																																															
<table border="0" style="width:100%"> <tr> <td style="text-align:right">Recurring?</td> <td style="text-align:left">Yes</td> </tr> <tr> <td colspan="2" style="text-align:center">SERVICE AREA</td> </tr> <tr> <td colspan="2" style="text-align:center">CITYWIDE</td> </tr> <tr> <td colspan="2" style="text-align:center">LOCATION</td> </tr> </table>										Recurring?	Yes	SERVICE AREA		CITYWIDE		LOCATION																																															
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PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																															
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																						
1100	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$3,000,000	\$13,000,000	\$8,000,000	\$50,311,053	\$71,311,053																																																						
3001	\$2,000,000	\$2,500,000	\$2,500,000	\$2,500,000	\$3,000,000	\$12,500,000	\$0	\$5,830,000	\$18,330,000																																																						
ALL	\$4,500,000	\$5,000,000	\$5,000,000	\$5,000,000	\$6,000,000	\$25,500,000	\$8,000,000	\$56,141,053	\$89,641,053																																																						
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PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+/-)																																																											
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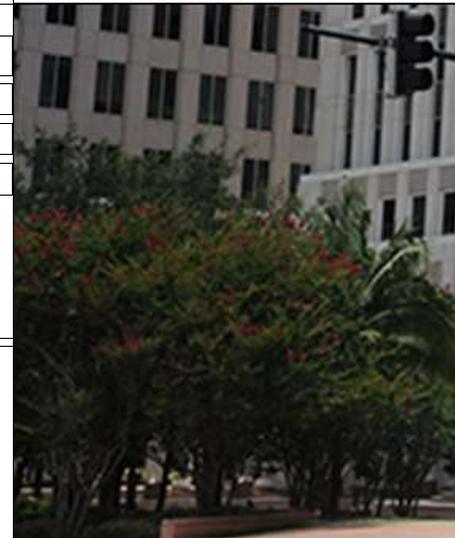


TYPE OF SERVICE: Transportation		PROJECT NUMBER: 84-722-039		PROJECT NAME: School Safety Sidewalk Program		FINANCIAL PROJECT # STW0010_P		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		84-722-039		School Safety Sidewalk Program					
DIVISION: STREETS & STORMWATER SVCS		PRIORITY: Critical Deficiency							
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			
						Recurring? Yes			
						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
3001	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$3,000,000	\$400,000	\$10,737,000	\$14,137,000
1100	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$0	\$5,183,965	\$5,683,965
ALL	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$3,500,000	\$400,000	\$15,920,965	\$19,820,965
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 areas occur for many reasons, main causes is tree sections of sidewalk.

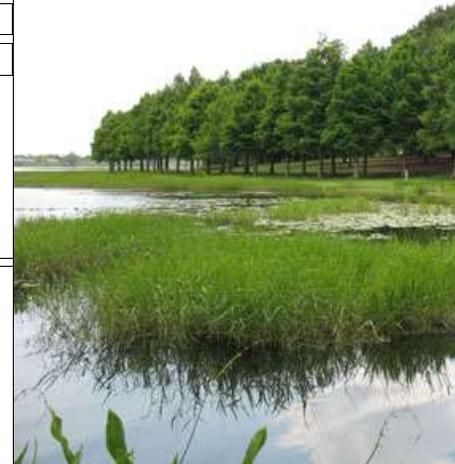
TYPE OF SERVICE:	Transportation	PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																				
DEPARTMENT:	TRANSPORTATION DEPT.	87-757-005	Traffic Signal Refurbishing Program							TRE0007_P																																																					
DIVISION:	TRANS. ENGINEERING	PRIORITY: Repair / Replacement																																																													
PROBLEM IDENTIFICATION OR NEED:																																																															
<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>																																																															
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																															
<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>																																																															
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PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																															
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	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	\$4,889,699	\$6,889,699																																																						
ALL	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$2,000,000	\$6,175,832	\$9,175,832																																																						
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PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+-)																																																											
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SOURCE:																																																															
				Total Annual Income	\$0																																																										



TYPE OF SERVICE: Stormwater		PROJECT NUMBER	PROJECT NAME:							FINANCIAL PROJECT #	PAGE																																																					
DEPARTMENT:	PUBLIC WORKS DEPARTMENT	83-722-022	System Repair and Rehabilitation							STW0056_P	1. 21																																																					
DIVISION:	STREETS & STORMWATER SVCS		PRIORITY: Repair / Replacement																																																													
PROBLEM IDENTIFICATION OR NEED:																																																																
<p>The funds earmarked for system repairs & 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>																																																																
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																																																																
<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>																																																																
<table border="1"> <tr> <td colspan="2">Recurring?</td> <td colspan="9">Yes</td> </tr> <tr> <td colspan="11">SERVICE AREA</td> </tr> <tr> <td colspan="11">CITYWIDE</td> </tr> <tr> <td colspan="11">LOCATION</td> </tr> </table>											Recurring?		Yes									SERVICE AREA											CITYWIDE											LOCATION																				
Recurring?		Yes																																																														
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CITYWIDE																																																																
LOCATION																																																																
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																																																																
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																																																							
4161	\$2,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,000,000	\$2,500,000	\$16,935,780	\$25,435,780																																																							
ALL	\$2,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,000,000	\$2,500,000	\$16,935,780	\$25,435,780																																																							
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PROJECT COST BY PHASE				IMPACT ON OPERATING COST (+/-)																																																												
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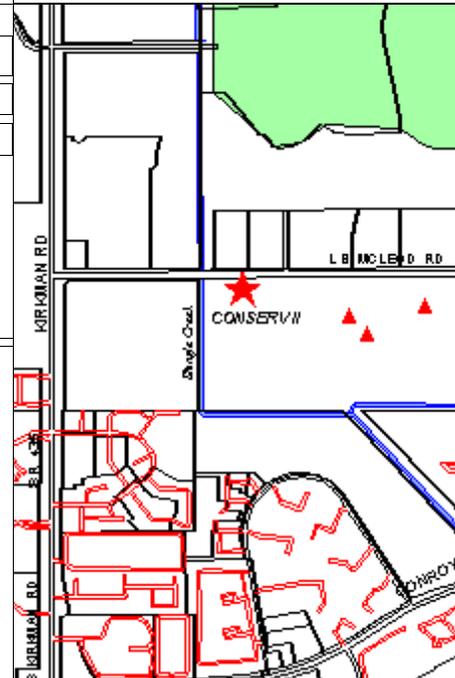
TYPE OF SERVICE: Wastewater		PROJECT NUMBER		PROJECT NAME:						FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		20-WAS-008		Bill Fredrick Park Lift Station Improvements						CIP0264_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement											
PROBLEM IDENTIFICATION OR NEED:													
These Lift Stations were constructed in 1977-1978 and needs refurbishing. Includes LS 180, 181, 182, 183, 184, 185.													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):													
Design and construct improvements.													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
4106	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$1,950,000	\$2,450,000				
ALL	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$0	\$1,950,000	\$2,450,000				
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: WATER RECLAMATION		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>The Conserv I Area Collection System is primarily located in the southeast sector of the City of Orlando, and includes the Orlando International Airport, the Old Naval Annex/Southport, parts of South Conway Area, the Lee Vista Area, and the Lake Nona Area. The sanitary sewer system age ranges from a few months /years old (Lk Nona Area) to greater than 50 years old (South Port, Conway).</p>						Department Rating		2. 12	
						CIE Requirement		Y	
						CONTACT: Charles Shultz		4072462658	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
This CIP is for the replacement/repair of the sewer collection system as the need arises, through periodic investigation and evaluation.									
						Recurring?		Yes	
						SERVICE AREA			
						DOWNTOWN			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$2,500,000	\$2,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$14,000,000	\$600,000	\$11,650,000	\$26,250,000
ALL	\$2,500,000	\$2,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$14,000,000	\$600,000	\$11,650,000	\$26,250,000
PROJECT COST BY PHASE					IMPACT ON OPERATING COST (+-)				
Project Phasing		Estimated Time		Estimated Cost					
Description		From	To						
Design		10/1/2019	9/30/2020	\$500,000		Salaries, Wages, Benefits			
Study and Evaluate		10/1/2019	9/30/2020	\$450,000		Operating Costs			
Construction/CM Costs		10/1/2019	9/30/2020	\$4,500,000		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: WATER RECLAMATION		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
The Conserv II Area Collection System is approximately bounded by Colonial Drive/SR50 to the north, Metro West Boulevard/S. Hiawasse Rd. to the west, International Drive to the south, and I-4 to the east. The sanitary system age is over 50 years old for most of the Conserv II Area.						Department Rating		2. 10	
						CIE Requirement		Y	
						CONTACT: Chuck Shultz		4072462658	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? Yes			
This CIP is for the replacement/repair of the sewer collection system as the need arises, through periodic investigation and evaluation.						SERVICE AREA			
						Southwest Orlando			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
FIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4106	\$2,500,000	\$0	\$1,500,000	\$3,000,000	\$3,000,000	\$10,000,000	\$0	\$10,950,000	\$20,950,000
ALL	\$2,500,000	\$0	\$1,500,000	\$3,000,000	\$3,000,000	\$10,000,000	\$0	\$10,950,000	\$20,950,000
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		03-352-002		Conserv II Process Improvements and Upgrades		CIP0063_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Future Need/Planned Expansion							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
The permitted capacity of the Conserv II WRF was reduced from 25 mgd to 21 mgd. Phase I improvements began in December 2011. The improvements have been completed, we now will determine the scope of modifications necessary to rerate the WRF to 25 mgd.						Department Rating		4.20	
						CIE Requirement		N	
						CONTACT: Paul Deuel		4072463510	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? Yes			
Possible improvements to the Conserv II WRF may 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.						SERVICE AREA			
						WESTERN WASTEWATER SERVICE AREA			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$500,000	\$2,500,000	\$0	\$0	\$0	\$3,000,000	\$0	\$4,850,000	\$7,850,000
ALL	\$500,000	\$2,500,000	\$0	\$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	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		13-359-001		Easterly Wetlands Restoration						CIP0161_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Existing Deficiency											
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, 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.													
PROJECT RANKING													
										Department Rating		2.	
										CIE Requirement		N	
										CONTACT: Mark Sees		4079486131	
REMARKS													
Project 2973													
Recurring? Yes													
SERVICE AREA													
East Orlando													
LOCATION													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total				
4106	\$500,000	\$500,000	\$0	\$0	\$0	\$1,000,000	\$0	\$2,600,000	\$3,600,000				
ALL	\$500,000	\$500,000	\$0	\$0	\$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		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		15-WAS-001		Iron Bridge Area Collection System Improvements						CIP0176_P		0																	
DIVISION: WATER RECLAMATION		PRIORITY: Existing Deficiency																											
PROBLEM IDENTIFICATION OR NEED:																													
<p>The Iron Bridge Area Collection System is approximately bounded I-4 on the west, Michigan St/Curry Ford Rd to the south, Semoran Blvd/Goldenrod Rd to the east and the City of Winter Park to the north. The sanitary system age is over 50 years old for most of the Iron Bridge Area, with some downtown areas exceeding 100 years in age.</p>																													
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):																													
<p>This CIP is for the replacement/repair of the sewer collection system as the need arises, through periodic investigation and evaluation.</p>																													
<table border="0" style="width: 100%;"> <tr> <td style="text-align: right;">PROJECT RANKING</td> <td></td> </tr> <tr> <td style="text-align: right;">Department Rating</td> <td style="text-align: right;">2.</td> </tr> <tr> <td style="text-align: right;">CIE Requirement</td> <td style="text-align: right;">N</td> </tr> <tr> <td style="text-align: right;">CONTACT: Chuck Shultz</td> <td style="text-align: right;">4072462658</td> </tr> <tr> <td colspan="2" style="text-align: center;">REMARKS</td> </tr> <tr> <td style="text-align: right;">Recurring?</td> <td style="text-align: right;">Yes</td> </tr> <tr> <td colspan="2" style="text-align: center;">SERVICE AREA</td> </tr> <tr> <td colspan="2" style="text-align: center;">Citywide</td> </tr> <tr> <td colspan="2" style="text-align: center;">LOCATION</td> </tr> </table>												PROJECT RANKING		Department Rating	2.	CIE Requirement	N	CONTACT: Chuck Shultz	4072462658	REMARKS		Recurring?	Yes	SERVICE AREA		Citywide		LOCATION	
PROJECT RANKING																													
Department Rating	2.																												
CIE Requirement	N																												
CONTACT: Chuck Shultz	4072462658																												
REMARKS																													
Recurring?	Yes																												
SERVICE AREA																													
Citywide																													
LOCATION																													
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR																													
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total																				
4106	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$12,500,000	\$0	\$6,300,000	\$18,800,000																				
ALL	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$12,500,000	\$0	\$6,300,000	\$18,800,000																				
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		15-WAS-003		Iron Bridge Grit System Replacement		CIP0173_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
<p>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.</p>						Department Rating		2.	
						CIE Requirement		N	
						CONTACT: Robert Rang		3212290065	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):						Recurring? Yes			
<p>The solution is to design and install a system to remove grit, sand, and other deleterious material from entering the system which could reduce the capacity of the plant and damage of downstream equipment.</p>						SERVICE AREA			
						CITYWIDE			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
FIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4106	\$700,000	\$21,000,000	\$0	\$0	\$0	\$21,700,000	\$0	\$7,600,000	\$29,300,000
ALL	\$700,000	\$21,000,000	\$0	\$0	\$0	\$21,700,000	\$0	\$7,600,000	\$29,300,000
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		16-WAS-003		Sanitary upgrades with other projects		CIP0202_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Existing Deficiency							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
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):						Recurring? Yes			
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	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4106	\$4,000,000	\$3,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$19,000,000	\$0	\$8,000,000	\$27,000,000
ALL	\$4,000,000	\$3,000,000	\$4,000,000	\$4,000,000	\$4,000,000	\$19,000,000	\$0	\$8,000,000	\$27,000,000
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: Wastewater		PROJECT NUMBER		PROJECT NAME:		FINANCIAL PROJECT #		PAGE	
DEPARTMENT: PUBLIC WORKS DEPARTMENT		22-WAS-001		Miscellaneous Renewal and Replacement		WAS0001_P		0	
DIVISION: WATER RECLAMATION		PRIORITY: Repair / Replacement							
PROBLEM IDENTIFICATION OR NEED:						PROJECT RANKING			
TBD - Waiting for information from Maria						Department Rating		3.	
						CIE Requirement		N	
						CONTACT: Maria Lachney		4072462661	
						REMARKS			
RECOMMENDED SOLUTION (PROJECT DESCRIPTION):									
						Recurring? Yes			
						SERVICE AREA			
						Citywide			
						LOCATION			
PROPOSED PROJECT FINANCING AND EXPENDITURES BY YEAR									
FUND	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YR	LATER	PRIOR	Total
4107	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000	\$0	\$0	\$15,000,000
ALL	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$15,000,000	\$0	\$0	\$15,000,000
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					



CAPITAL IMPROVEMENT PROGRAM

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CAPITAL IMPROVEMENT PROGRAM

CAPITAL IMPROVEMENT ELEMENT

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.

CAPITAL IMPROVEMENT PROGRAM

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.

CAPITAL IMPROVEMENT PROGRAM

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.

CAPITAL IMPROVEMENT PROGRAM

(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:

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 2021/22 through 2025/26 programs.

Note that the version presented in this document includes only City funding sources and has been reconciled with the final City capital plan as published by the Budget Division.

CAPITAL IMPROVEMENT PROGRAM

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

<u>Capital Improvement Fund</u>	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>FIVE YEAR</u>
Bicycle and Pedestrian Facilities						
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	1,000,000	1,000,000	1,000,000	1,000,000	4,850,000
Parks and Open Space						
Parks and Playground Renovation	1,225,000	1,250,000	1,250,000	1,250,000	1,250,000	6,225,000
Recreation Pools and Courts	290,000	290,000	290,000	290,000	290,000	1,450,000
Signature Park Improvements	-	1,600,000	7,850,000	7,850,000	3,500,000	20,800,000
Capital Improvement Fund Total	\$ 3,265,000	\$ 5,040,000	\$ 11,290,000	\$ 11,290,000	\$ 6,940,000	\$ 37,825,000
Gas Tax Fund						
Roadways						
New Traffic Signal Locations	\$ -	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ 200,000
Robinson Street "Complete Streets"	-	3,240,500	3,240,500	-	-	6,481,000
Virginia Drive Improvement	-	100,000	500,000	1,000,000	-	1,600,000
Corrine Drive/Virginia Drive	-	-	-	3,900,000	-	3,900,000
Curry Ford West	-	-	-	-	100,000	100,000
Edgewater Drive PH 2	-	-	6,000,000	-	-	6,000,000
Mass Transit						
LYNX Annual Contribution	4,003,004	4,003,004	4,003,004	4,003,004	4,003,004	20,015,020
Bicycle and Pedestrian Facilities						
Bicycle Plan Implementation	200,000	200,000	200,000	200,000	200,000	1,000,000
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
ADA Transition Plan	300,000	300,000	300,000	300,000	300,000	1,500,000
Gas Tax Fund Total	\$ 4,803,004	\$ 8,393,504	\$ 14,543,504	\$ 9,953,004	\$ 4,903,004	\$ 42,596,020
Service Charges						
Solid Waste Collection						
CBD Waste & Recycling Center	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Commercial Collection Vehicles	770,000	387,000	770,000	387,000	-	2,314,000
Residential/Recycling Collection Vehicles	1,050,000	1,050,000	1,050,000	1,050,000	-	4,200,000

CAPITAL IMPROVEMENT PROGRAM

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

	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>FIVE YEAR</u>
Water Reclamation						
Conserv I Area Collection System Improvements	2,500,000	2,500,000	3,000,000	3,000,000	3,000,000	14,000,000
Conserv II Area Collection System Improvements	2,500,000	-	1,500,000	3,000,000	3,000,000	10,000,000
Conserv II RIB Site 1 & 10 Expansion	-	-	4,000,000	-	-	4,000,000
Iron Bridge Area Collection Systems Improvements	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	12,500,000
Lift Station Emergency Generators	2,500,000	2,500,000	3,000,000	3,000,000	3,000,000	14,000,000
Conserv I South Reclaimed Water Main Line Sewers	3,000,000	-	3,000,000	-	-	6,000,000
Sanitary Service Lateral Rehabilitation	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Sanitary Upgrades with other projects	3,000,000	3,000,000	4,000,000	4,000,000	4,000,000	18,000,000
Lift Station Underground Rehabilitation	4,000,000	3,000,000	4,000,000	4,000,000	4,000,000	19,000,000
Lift Station Underground Rehabilitation	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Bill Frederick Park Lift Station Improvements	500,000	-	-	-	-	500,000
Conserv I Reclaimed Water Storage	9,000,000	-	-	-	-	9,000,000
Conserv II Deep Bed Filters	11,144,000	9,361,000	-	-	-	20,505,000
Conserv II Process Improvements and Upgrades	500,000	2,500,000	-	-	-	3,000,000
Easterly Wetland Restoration	500,000	500,000	-	-	-	1,000,000
Inflow and Infiltration Reduction Project	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Iron Bridge Biosolids Disposal Improvements	500,000	10,000,000	5,000,000	-	-	15,500,000
Iron Bridge Grit System Replacement	8,779,440	9,174,560	-	-	-	17,954,000
Lift Station 55 Replacement and LS 249 Upgrades	4,000,000	5,000,000	-	-	-	9,000,000
Lift Station Odor Control	1,000,000	250,000	-	-	-	1,250,000
Lift Station Telemetry Replacement	-	3,000,000	1,000,000	3,000,000	-	7,000,000
Lift Stations 2 and 85 Rehabilitation	3,000,000	586,000	1,499,000	-	-	5,085,000
Lift Stations Electrical Safety Improvements	250,000	2,000,000	250,000	2,000,000	-	4,500,000
Orlando Easterly Wetlands Parking Lot Improvement	350,000	-	-	-	-	350,000
Rapid Response Construction	2,500,000	3,000,000	-	-	-	5,500,000
Reclaimed Water System Valve Replacements	2,000,000	200,000	2,000,000	2,000,000	2,000,000	8,200,000
Sanitary System Corrosion Abatement	1,500,000	2,000,000	1,500,000	2,000,000	2,000,000	9,000,000
Sewage Air Release Valve Replacement	1,000,000	2,000,000	1,500,000	2,500,000	-	7,000,000
Transmission System Master Study	-	750,000	-	-	-	750,000
Conserv I Biosolids Upgrades	1,000,000	-	-	-	1,320,000	2,320,000
Iron Bridge Power Generator Improvements	-	-	-	-	2,250,000	2,250,000
Iron Bridge Reclaim Pump Station Improvements	-	-	-	-	1,250,000	1,250,000
Lift Station 248 replacement	-	-	-	-	500,000	500,000
Miscellaneous Renewal and Replacement	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
LS 1,2, and 3 Force Main	-	1,200,000	-	5,000,000	1,000,000	7,200,000
Service Charges Total	\$ 80,743,440	\$ 77,458,560	\$ 50,569,000	\$ 48,437,000	\$ 40,820,000	\$ 298,028,000

CAPITAL IMPROVEMENT PROGRAM

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

	2021/22	2022/23	2023/24	2024/25	2025/26	FIVE YEAR
Stormwater Utility Fee						
Lake Hourglass to Lake Lancaster Drainage II	-	\$ 1,200,000	-	-	-	\$ 1,200,000
Stormwater System Construction	-	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
System Repair and Rehabilitation	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
CT Phase 4 - Shine (Marks to Colonial)	-	-	-	180,000	-	180,000
Lake Ivanhoe Blvd. Drainage Improvements- <i>f</i>	-	-	180,000	2,680,000	-	2,860,000
Rapid Response Construction	-	400,000	400,000	400,000	1,000,000	2,200,000
S Lucerne Circle Baffle Boxes	-	-	700,000	-	-	700,000
Flood Plain Remediation Projects	-	-	-	-	500,000	500,000
Sandy Lake	-	-	-	-	1,000,000	1,000,000
Stormwater Utility Fee Total	\$ 2,000,000	\$ 3,600,000	\$ 3,280,000	\$ 5,260,000	\$ 4,500,000	\$ 18,640,000
Impact Fees						
Roadways						
Grand National Dr.: Oakridge Rd. to Sand Lake Rd.	\$ 4,000,000	-	-	-	-	\$ 4,000,000
New Traffic Signal Locations (IFT-Southwest)	250,000	-	-	150,000	150,000	550,000
Terry Avenue- Extension Washington to Colonial	-	500,000	750,000	750,000	-	2,000,000
Pres Barak Obama Parkway PH 2	1,000,000	500,000	500,000	500,000	500,000	3,000,000
Alden/Lake Highland Realignment	500,000	-	-	-	-	500,000
Augusta National/Commander Drive	-	-	-	-	100,000	100,000
Boggy Creek Tavistock (Narcoossee/Osceola Co)	-	-	-	6,226,831	6,226,831	12,453,662
Innovation Way South	-	-	-	-	700,000	700,000
Division Avenue Complete Streets	-	500,000	750,000	1,300,000	-	2,550,000
North Quarter Two Way Conversion	-	-	-	-	4,500,000	4,500,000
Hicks Ave Extension (Anderson St to South St)	1,000,000	-	-	-	-	1,000,000
Hicks Ave 408 to Gore St	1,381,000	-	-	-	-	1,381,000
Millenia Plaza Way Extension	500,000	500,000	-	-	-	1,000,000
Mass Transit						
Church Street Sun Rail Platform	500,000	600,000	-	-	-	1,100,000
Bicycle and Pedestrian Facilities						
South Magnolia Avenue Access	-	500,000	-	-	-	500,000
Southwest Bike Study Implementation	500,000	-	-	-	-	500,000
Parks and Open Space						
Poitras Park	-	200,000	4,000,000	4,000,000	-	8,200,000
Starwood Park	-	500,000	9,500,000	9,500,000	-	19,500,000
Vista Lake Park	-	400,000	8,000,000	8,000,000	-	16,400,000
Transportation Impact Fees Total	\$ 9,631,000	\$ 4,200,000	\$ 23,500,000	\$ 30,426,831	\$ 12,176,831	\$ 79,934,662

CAPITAL IMPROVEMENT PROGRAM

CITY OF ORLANDO CAPITAL IMPROVEMENT ELEMENT (FIGURE CI-14)
 CAPITAL IMPROVEMENTS FUND SCHEDULE
 RECONCILED TO FINAL CITY CAPITAL PLAN

	<u>2021/22</u>	<u>2022/23</u>	<u>2023/24</u>	<u>2024/25</u>	<u>2025/26</u>	<u>FIVE YEAR</u>
Community Redevelopment Agency						
Bicycle and Pedestrian Facilities						
Streetcape Improvements	\$ 500,000	\$ 250,000	\$ 500,000	\$ -	\$ -	\$ 1,250,000
Parks and Open Space						
Under I Design	-	2,000,000	2,500,000	-	-	4,500,000
Venus and Open Space	-	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
Community Redevelopment Agency Total	\$ 500,000	\$ 3,250,000	\$ 4,000,000	\$ 1,000,000	\$ 1,000,000	\$ 9,750,000
Total	100,942,444	101,942,064	107,182,504	106,366,835	70,339,835	486,773,682



CAPITAL IMPROVEMENT PROGRAM

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CAPITAL IMPROVEMENT PROGRAM

PRIOR-YEAR CAPITAL BUDGET CHANGES

The City's capital budget exists in a dynamic environment. Even though the City makes every effort to budget capital projects proactively, 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, and these may 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 FY 2020/21 capital budget after it was adopted.

CITY OF ORLANDO 2020/21 SUPPLEMENTAL CAPITAL FUNDING FROM BUDGET REVIEW COMMITTEE				
Project Name (by meeting date)	Fund	Project	Project Description	BRC Funding
November 2020				
Human Resources Wellness Initiatives	0005_F	HRD0001_P	Request to make several adjustments to align City budgets with intended transfers and zero out the budget of funds being phased out	\$129,750
Community Employment Program	0005_F	CAO0006_P	Request to transfer funds from the Community Employment Program project to support a position to assist with marketing and promoting the BLUEPRINT 2.0 Training and Employment program.	\$13,846
Fire Station #10 Improvement	3001_F	OFD0007_P	Request to transfer budget from FAC0024_P Fire Station and Public Safety Buildings Improvements project to OFD0007_P Fire Station 10 Improvements project. Fire Station 10 improvements was originally budgeted in FAC0024_P and this will segregate the budget specifically allocated for Fire Station 10 improvements.	\$505,236
Community Trust and Equity Initiative	3001_F	CAO0007_P	Request to transfer \$809,395 from fund contingency to support the new Community Trust and Equity Initiative. This will provide funding for reviewing policing data, policies, and practices to recommend and implement reforms, as well as assist in providing related training.	\$809,395
Central Garage Repairs & Maintenance	4133_F	PKG0004_P	Central Garage R&R (PKG0004_P). Request to transfer in \$45,000 from Public Safety Initiatives (CAO0005_P). This will provide funding for the renovation of the OPD Downtown bike Patrol office space located at the Central Garage	\$45,000
January 2021				
Conserv I Flow Diversion Lift Station 6	4105_F	CIP0131_P	Request to close out projects in the Conserv I Construction Fund and transfer any remaining cash balance to the General Construction Fund for active projects. This helps to consolidate related projects and free up funds for current priorities. Additionally, there are several projects in the General Construction fund that can be closed out or otherwise consolidated into the Sanitary Upgrades with Other Projects project.	\$5,662,645
Conserv I Reclaimed Water Storage	4106_F	CIP0205_P	Request to recognize contributions from Orange County and OUC, as well as allocate fund balance, to fund the acquisition of property and related costs for the Conserv I Reclaimed Water Storage project. The property that will be acquired is approximated 3 acres located at Lake Nona Landing, and will serve as the location of the reclaimed water storage and pump for Conserv I. Orange County and OUC are reimbursing the City for a portion of the property purchase price, per the previously approved Eastern Regional Reclaimed Water Distribution System Reimbursement and Service Agreement.	\$1,361,000
Creative Village Land	3006_F	REM0011_P	Request to recognize revenues received from sale of Creative Village Parcel U to MCREF III Creative Village Apartments LLC.	\$5,279,919
Pension Participant Services	0005_F	TRS0001_P	Request to transfer budget from General Fund (0001_F) to Designated Revenue Fund (0005_F). The funds were originally for pension administrative functions and they will be segregated into a separate project for the same purpose.	\$296,969
Creative Village Central Park	1080_F	EDV0010_P	Request to allocate additional fund balance in 1080_F to the Creative Village Central Park project. This will bring the project to be fully funded.	\$240,900

CAPITAL IMPROVEMENT PROGRAM

Project Name (by meeting date)	Fund	Project	Project Description	BRC Funding
March 2021				
Playground Renovation Project	3001_F	PKS0009_P	Request to transfer remaining budget (\$79,902) from completed Park of the Americas Lighting project (PKS0012_P) to the Playground Renovation Project (PKS0009_P) to provide extra funding for construction of 300-foot connector boardwalk at Demetree Park for an estimated \$200,000. This was originally planned for FY24 but was moved up due to safety concerns identified by staff.	\$79,902
Facility Evaluation, Repairs, and Rehabilitation	3001_F	FAC0019_P	Request to transfer budget (\$756,000) from the Facility Evaluation, Repairs, and Rehabilitation project (FAC0019_P) to new project to replace the HVAC system and roof at the Rogers Kiene Building.	\$756,000
Oregon St (Hampton to Fern Creek) Drainage Improvements - Bond	3034_F	STW0091_P	Request to replace District 1 capital contribution (\$225,000) to the Lake Nona Park project with funding from Southeast Park Impact Fees. The District 1 capital contribution will instead be used to partially fund a turning lane on Randal Park Boulevard near Sun Burst Elementary School. Additional funding for the turning lane will come from another District 1 capital contribution (\$50,000) and Southeast Transportation Impact Fees (\$175,000).	\$1,197,617
Dubsread Equipment	0016_F	DUB0003_P	Request to move all the funding for the Community Concert Series from Downtown Development Board Fund to Community Redevelopment Agency Fund (CRA). This is a continuation of the shift in programming budgets from the DDB to CRA that began at the end of FY20. Net increase to budget: \$563,558.	\$563,558
Iron Bridge Master Pump Station Flow Metering Improvements	4106_F	CIP0256_P	Request to transfer budget from the completed Iron Bridge Master Pump Station Flow Metering Improvements project to fund a comprehensive master plan and clean up budget lines in a number of other projects. No net change to budget.	\$1,050,000
2020 Census & Redistricting Initiatives	0005_F	COM0004_P	Request to allocate fund balance to support the upcoming City redistricting effort. Net increase to budget: \$25,000.	\$25,000
Pasadena PL	1070_F	TRE0048_P	Request to transfer budget authority from Boone Extension project to Pasadena Place project. Stormwater infrastructure improvements are included in FDOT's Ultimate I-4 capacity project. FDOT found the need to line a large stormwater pipe under I-4 as part of that project, which is part of the local stormwater system. This project is Transportation's contribution to the stormwater project as a result of increased roadway capacity.	\$400,000
Orlando Urban Trail - North Segment City Support	1070_F	TSP0057_P	Request to allocate \$425,000 of fund balance to the Orlando Urban Trail project (TSP0057_P). This transaction aligns project funding with the construction contract that was approved by City Council on January 25, 2021 for construction expenses not eligible for grant reimbursement.	\$425,000
Hicks Avenue Extension	1070_F	TSP0073_P	Request to transfer \$1,000,000 in budget from Terry Avenue - Washington to Colonial (TSP0046_P) to the Hicks Avenue Extension (Anderson St to South St) project. This project will provide direct alignment to the FDOT project south of Anderson Street. The project also includes converting S Terry Avenue in this block to a one-way northbound and realigning it to directly connect with S Terry Avenue north of South Street at an intersection. Future funding requests for this project will be submitted in FY22- FY26 Capital Improvement Program (CIP).	\$1,000,000
Mass Transit Florida Hospital	3001_F	TSP0003_P	Recognize and appropriate reimbursement revenue received from Lynx related to the SR 436 Transit Corridor Study. The city's contribution to the SR 436 Corridor Study was pre-paid in FY17. Lynx completed the project and returned the balance to the city	\$26,632
Dowden Road Phase 1	3001_F	TSP0066_P	Increase budget authority in Dowden Road Phase 1 (TSP0066_P) for work requested by OUC. During roadway construction for Dowden Rd, OUC requested the installation of an underground electric duct bank for future use. The city and OUC entered into Joint Participation Agreements for the work. This transaction establishes the budget in the project for the reimbursement request.	\$973,287

CAPITAL IMPROVEMENT PROGRAM

Project Name (by meeting date)	Fund	Project	Project Description	BRC Funding
May 2021				
Transportation Access & Connectivity/Community Outreach	1250_F	CRA0023_P/CRA0024_P	Request to reduce the transfer budgets in each of these projects. At FY20 year-end we moved the budget for the transfers into the projects, but the actuals remained in the cost centers, so the budgets rolled into FY21 even though the transfers already occurred in FY20. This item is to fix the rollover that should not have occurred and caused the transfer budgets to be overstated in FY21.	\$2,084,392
Land Acquisitions	3006_P	REM0010_P	Request to recognize revenues received from land sale located at 806 Coher St. to Landmark Real Estate Holding LLC.	\$9,796
Creative Village Land	3006_F	REM0011_P	Request to recognize revenues received from sale of Creative Village Parcel T/T-1 to Creative Village Parcel T Owner, LLC	\$5,975,897
Conserv I WRF Secondary Clarifier Improvements	4106_F	CIP0211_P	Request to transfer available budget from the Conserv I Area Collection System Improvements project to the Conserv I WRF Secondary Clarifier Improvements and Packing District Lift Station projects, as well as clean up several budget lines within it. No net change to budget	\$626,171
DTO Implementation/Under I Design/Venues and Open Spaces/Transportation Access & Connectivity/Community Outreach	1250_F	CRA0019_P/CRA0023_P/CRA0017_P/CRA0021_P/CRA0024_P	Request to allocate fund balance to various projects within the CRA. This is essentially moving the FY20 year end surplus that fell to the bottom line. This is to comply with Florida Statute that CRA's are not to carry large fund balances from year to year.	\$10,917,880
OPD Headquarters Roof Enhancement	3001_F	CIP0269_P	Request to allocate \$50,000 of fund balance to the project cover the remaining cost of replacing the roof at the OPD headquarters.	\$50,000
Citywide Pedestrian Traffic Signals – City Support	1100_F	TRE0041_P	Request to transfer budget authority in TRE0043_P Alexander Place project to TRE0041_P Citywide Pedestrian Signal - City Support project. Additional city support funding is necessary for engineer of record post-design services and internal project and construction management fees. These expenses are not eligible for reimbursement through FDOT Local Agency Program (LAP) Agreement.	\$50,000
Narcoossee Rd OUC Electrical Duct Bank	3001_F	TSP0074_P	Recognize and appropriate revenue from OUC for the addition of an electrical duct bank into the roadway design for Narcoossee Rd Widening project. The city and OUC entered into Joint Participation Agreement (JPA) for construction expenses related to the electrical duct bank, which is fully reimbursable from OUC.	\$2,430,881
Community Policing Innovations	1250_F	CRA0026_P	Request to allocate fund balance to support enhanced community policing in the downtown area, in line with the CRA's goal of improving the perception and reality of safety within the area. This will be accomplished through a short-term increase in the visible presence of policing, with increased patrolling by both police officers and code enforcement officers, as well as the addition of more camera technology.	\$800,000

CAPITAL IMPROVEMENT PROGRAM

Project Name (by meeting date)	Fund	Project	Project Description	BRC Funding
July 2021				
One Person One Tree	3001_F	CAO0002_P	Request to recognize revenues received from OUC to support the One Person One Tree program. This contribution is the first of three annual \$16,000 contributions, to provide funding for an estimated 400 trees per year.	\$16,000
54 West Common Area Maintenance Arts Space	0005_F	EDV0006_P	Request to recognize revenue received from Breit to the City under the Arts Space Lease Agreement that was approved by City Council on October 19, 2020. This essentially amounts to 20 years of common area maintenance owed under the lease.	\$550,248
Under I Design	1250_F	CRA0019_P	Request to budget the grant match for the FDOT Under-I Design. Match goes towards improvements including the installation of recreational and creative spaces, artwork, areas for vendors, bathrooms and other infrastructure improvements. The Community Redevelopment Agency (CRA) has already set aside funds for the match in CRA0019_P Under I Design. This item will move the match from the Community Redevelopment Agency Fund to the Designated Revenue Fund. This grant went to City Council on May 17, 2021	\$750,000
Wetlands and Open Space Study	0001_F	EDV0011_P	Request to budget the match for the FY21 EPA Wetland Program Development Grant. This project will evaluate existing codes and policies related to wetlands and open space in City limits and provide recommendations for new requirements that better suit current development patterns and the requirements of state and federal environmental agencies. This is an update to a 1991 study that is outdated and does not include approximately 30,000 acres that have been annexed since 1991	\$100,000
August 2021				
UPS Expansion City Support	1100_F	TRE0049_P	Transfer budget authority in TSP0017_P South and Anderson to create a city support project for Uninterrupted Power Supply (UPS) Expansion project (\$100,000). This project will improve transit safety and reliability by allowing traffic signals to continue operating during power outages. Anticipated federal funds for design phase are \$80,000 and construction phase are \$775,000. The city-support project will capture expenses not eligible for grant reimbursement.	\$100,000
Downtown Master Plan - Traffic Analysis	1100_F	TSP0080_P	Transfer budget authority in TRE0016_P to create a Downtown Master Plan - Traffic Analysis project (\$450,000). The Downtown Master Plan is a collaborative effort between the Community Redevelopment Agency (CRA) and the City of Orlando. The primary goals of the Downtown Master Plan are to establish resilient economic vitality, inclusive multi-modal activity, and sustainable quality of life. The traffic analysis portion will identify components to evaluate existing and projected traffic conditions related to the streets in the Master Plan boundaries.	\$450,000
Edgewater Dr Complete Streets City Support	1100_F	TSP0079_P	Transfer budget authority in TSP0017_P South and Anderson to create a city support project Edgewater Drive Complete Streets project (\$100,000). This project will include reconstruction of the roadway, curb and gutter, sidewalks, curb ramps, driveways, streetscape elements, and will bring the entire corridor into compliance with the American Disabilities Act (ADA). The project will also include construction of new features to enhance pedestrian and bicycle safety. Anticipated federal funds for design phase are \$1,001,000 and construction phase are \$4,925,000. Additional city support funds have been requested in FY22-FY26 Five Year Capital Improvement Program (CIP) for the local contribution to fund construction. The city support project will capture expenses not eligible for grant reimbursement.	\$100,000
Police Capital Projects & Equipment Replacement	3001_F	OPD0002_P	Request to move half of remaining budget to fund balance and the other half to Police's equipment replacement project (OPD0002_P). The project is completed and can be closed.	\$72,317
Orlando Urban Trail - South Segment City Support	1072_F	TSP0077_P	This transaction will Allocate 1072_F - IFT Southwest Fund Balance in the amount of \$315,000 to a budget for the South segment of the Orlando Urban Trail project along Division Avenue from Gore St to Michigan St	\$315,000
Easterly Wetlands Boardwalk	4106_P	CIP0172_P	: Request to recognize receipt of a \$390,000 Florida Recreational Trails Program Grant, which requires a corresponding \$390,000 match covered by an existing project. The grant was accepted by City Council at their December 7, 2020 meeting, and will help fund the creation of a boardwalk, picnic pavilion, as well as hiking and equestrian trail improvements at the Orlando Wetlands Center.	\$716,132

CAPITAL IMPROVEMENT PROGRAM

Project Name (by meeting date)	Fund	Project	Project Description	BRC Funding
November 2021 (Year-End)				
Various Projects BA21-87	0012_F/10 71_F/1100 F/1070_F	PKG0006_P/TRE0028_P/TRE0007_P/TSP 0007_P	Allocate fund balance in the CNL R&R Fund to pay for concrete repairs that were made in 2021. Recognize a private contribution from Bal Bay Realty (Torrey Preserve) for Narcoossee Road construction. Approved by City Council on May 17, 2021./Re-establish Sligh Blvd Grant (FDOT State Grant) - financials have not rolled over since FY17/Recognize revenue from insurance claims reimbursements for damaged traffic/pedestrian signals.	\$406,596
Various Projects BA21-87	1071_F/11 00_F/3005 F	TRE0028_P/TRE0028_P/TRE0007_P/TRE 0007_P/FAC0008_P	Recognize remaining fund balance in 3005_F Revolving and Renewable Energy Fund and allocate \$500k expense budget for Amway Retro Commissioning efforts in anticipation of inactivating fund. /Budget Revision to clean up negative budget lines for TRE0028_P/ Budget Revision to clean up negative budget lines for TRE0007_P	\$1,165,213
Various Projects BA21-88	0005_F	TRN0001_P TRN0006_P LEU0002_P FLT0007_P CAO0006_P EDV0003_P REM0010_P OCC0001_P OCC0002_P OCC0003_P OCC0004_P OCC0005_P OCC0006_P OCA0001_P OCA0001_P	Request to sweep budget between funds, cost centers, or projects in cases where variances net out, excess funds have accumulated, or there is a need to set aside budget for prior commitments not yet paid out. This includes allocating unspent General Fund budget authority, sweeps to/from the Commissioners' Capital Projects, Mayor's Matching Grants Program, Economic Development Incentives and other items.	\$1,527,180
Various Projects BA21-88	1250_F	CRA0026_P	Transfer outstanding cash balance in the CRA Trust 1251_F (\$4M) into the operating fund 1250_F into various projects. Similarly, the operating fund ended with some extra expense authority (\$1M) that we are sweeping into projects The CRA Trust and CRA Operating funds are not allowed to carry large fund balances according to state law so any excess cash must be allocated to projects for future use	\$1,000,000
Various Projects BA21-89	0005_F/30 01_F	REM0004_P PKS0007_P PKS0007_P REM0006_P REM0006_P REM0006_P REM0006_P REM0006_P FAC0023_P PAC0108_P FIN0003_P FIN0006_P CAO0001_P	<ul style="list-style-type: none"> •Recognize FY21 revenues received from vending machine commissions and allocate expense budget to REM0004_P Break Room Repair & Renovation. Net increase to budget: \$13,458 •Request to recognize FY20 (\$23,445) and FY21 (\$23,914) rental revenues received at Lake Eola Park and allocate corresponding expense budget. Net increase to budget: \$47,359 •Reduce interest budget to align with actuals and corresponding reduction in completed City Hall renovation expense budget. •Transfer DPAC R&R project budget in 3001_F to new DPAC R&R project in 0005_F. •Recognize Sanford Burnham revenues (\$176,550) received, allocate expense budget, and transfer SE project budget in 3001_F to new SE project in 0005_F 	\$6,490,920
Various Projects BA21-89	3001_F/30 34_F/3033 F/4161_F	FAC0026_P TMD0007_P PAC0036_P FIN0003_P CIP0226_P CIP0227_P PKS0017_P REC0009_P CIP0229_P TRN0003_P CIP0268_P CIP0268_P TRN0003_P STW0057_P STW0056_P	<ul style="list-style-type: none"> •Transfer \$100K of available budget from FAC0022_P Energy Efficiency Phase II to FAC0026_P Renewable Energy for City Facilities to subsidize NW Neighborhood Center solar panels. •Transfer \$100K that was budgeted for OPD bodycams in TMD0003_P, but paid out of TMD0007_P. • Transfer DPAC R&R project budget in 3001_F to new DPAC R&R project in 0005_F. •Recognize Sanford Burnham revenues (\$176,550) received, allocate expense budget, and transfer SE project budget in 3001_F to new SE project in 0005_F. •Reallocate bond proceeds from Stormwater projects that have seen no activity to date. This budget is then reallocated to Packing District debris removal and pavilion roof (PKS0017_P, \$7M and \$88,000, respectively), the tennis center (CIP0227_P, \$2,050,000), the Grand Avenue school (CIP0226_P, \$1,162,000) and Rosemont Gym (REC0009_P, \$327,663). The remainder, \$3,361, is allocated to the Packing District non-departmental project (NDG0003_P). •Reallocate from the Public Safety, Transportation, Packing District and Parks Infrastructure project to the Packing District: Transportation Improvements project. •This action is related to item #12 below. Reallocate 2018 bond funds that had been budgeted for fire station #11 to the Packing District Transportation Improvements project. •Reallocate available 2016 bond funding in the non-complete Fire Station #9 project to the Fire Station #11 project instead. This is done so less 2018 bond funding is required for Fire Station #11. This action is related to item #13 above. •Clean up STW0057_P (4161_F) and transfer remaining budget into 	\$25,882,906