

28 May 2020  
 To: Mayor and City  
 Council members

Reinvestment in existing neighborhood streets and water, south of Orange Street in several neighborhoods. Moving into bidding for construction start this fall. Clay



## Street Reconstruction (Linwood Oaks & Orange Circle) & Orange Circle Waterline

**Scope:** The streets within Linwood Oaks subdivision designated for improvement are Briar Circle, Linwood Oaks, and Yupon Circle. This project involves reconstructing these streets with new 6" thick concrete curb & gutter pavement and includes the reconstruction of existing storm sewer inlets at Plum Street. Orange Circle is planned to be reconstructed with new 6" thick concrete curb & gutter pavement and includes the reconstruction of existing storm water inlets on Orange Circle North and Orange Circle South. This project also includes the replacement of 1000-feet of existing water lines on Orange Circle and approximately 700 feet of water line on Mykawa Road between Orange Street and Orange Circle.



**Justification:** This project was included in the Street Reconstruction program approved in the 2019 Bond Referendum. This program reconstructs the City's concrete streets with the lowest Pavement Condition Index (PCI). The streets identified within the Linwood Oaks Subdivision have a current PCI ranging between 37-66, this area ranks #1 in the replacement priority list for concrete streets. Orange Circle has a PCI of 40 and is ranked #2 in the replacement priority list. Replacement of the waterline is required due to the existing waterline being transite pipe and its shallow location will be affected by the road reconstruction. The waterline will be replaced with PVC pipe material.

**Project Manager:** Cara Davis

**Designer:** ARKK Engineers

**Contractor:** N/A

**Budget Info:**

### Street Reconstruction

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation				-
General Obligation Bonds	TBS 2021	2,230,000		-
General Obligation Bonds				-
W/S Revenue Bonds				-
Impact Fee - Debt				-
Other Funding Sources				-
<b>Total Funding Sources</b>		<b>2,230,000</b>	<b>-</b>	<b>2,230,000</b>

Expenditures	To Date	Future	Total
PER			-
Land			-

Design	200,570		200,570
Construction		1,442,917	1,442,917
Construction Management/Inspection			-
Construction Materials Testing		35,000	35,000
FF&E			-
<b>Total Expenditures</b>	<b>200,570</b>	<b>1,477,917</b>	<b>1,678,487</b>

<b>Project Balance/Contingency</b>	<b>551,513</b>
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Orange Circle Waterline

Funding Sources	Series	To Date	Future	Total Budget
General Revenue - Cash				-
Certificates of Obligation				-
Certificates of Obligation				-
General Obligation Bonds				-
System Revenue - Cash		240,000		240,000
W/S Revenue Bonds				-
Impact Fee - Debt				-
Other Funding Sources				-
<b>Total Funding Sources</b>		<b>240,000</b>	<b>-</b>	<b>240,000</b>

Expenditures	To Date	Future	Total
PER			-
Land			-
Design	27,635		27,635
Construction		94,110	94,110
Construction Management/Inspection			-
Construction Materials Testing		5,000	5,000
FF&E			-
<b>Total Expenditures</b>	<b>27,635</b>	<b>99,110</b>	<b>126,745</b>

<b>Project Balance/Contingency</b>	<b>113,255</b>
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**Schedule Info:**

	<b>Base Line</b>	<b>Current</b>
<b>Design Start</b>	August-19	August-19
<b>Bid Start</b>	June-20	
<b>Construction Start</b>	August-20	
<b>Proposed Construction Completion</b>	June-21	

## Highlights:

- On April 8<sup>th</sup> ARKK Engineers submitted a 90% plan set (both areas) for Staff review.
- Staff held a progress meeting with the Engineer on April 29, 2020 to review the current submittal and discuss the project schedule for advertising.
- Staff have determined that the section of existing transite pipe water main feeding Orange Circle will also be replaced. This is approximately 600 feet from Orange Street to just south of Orange Circle South. The removal of the water line and the installation of a new waterline and improvements will be made in the Mykawa Rd Reconstruction project.

## Upcoming Work Items:

- Closed-circuit televising of the Orange Circle storm system (CCTV) was partially completed with City Staff (Public Works) to ensure the existing storm sewer system, outside the project limits, has adequate useful life remaining and does not need to be replaced. Obstructions in the line, appearing to be concrete debris, halted public works investigation and the CCTV equipment is currently out of service. The area where the obstruction was located is under Orange Circle and is already planned for replacement in the current design.
- Staff requested the engineer enlist the services of a third party to complete the CCTV. The proposal as submitted was acceptable and the work will be completed upon issuance of the contract amendment in the next week. The remainder of the storm sewer lines to be investigated are in side lot/backyard easements and depending on the results of the investigation the storm lines may be added to the project or may be done under separate contract, through Public Works, via trenchless methods, utilizing cured in place pipe.
- A public meeting was planned to be held in April 2020 to inform the residents of upcoming work to be performed and discuss traffic control, phasing, and construction schedule. However, due to current social distancing restrictions, staff will inform the public via an informational mail out that will contain a Frequently Asked Questions (FAQ) document as well as pertinent design pages to illustrate the planned construction. The project is a rehabilitation of aging infrastructure and does not contain any elements that substantially change the current layout. The mailing will be informational in nature and notification of the impending planned start of the project.
- A plan submittal that addresses comments from the 90% plan review will be submitted the last week of May, followed by a Technical Review Committee (TRC) review meeting the second week in June.
- Bidding will commence in mid-June followed by a bid opening in early July. Construction award is expected to go before Council at the first August meeting.

**Previous Memos:** 12.19.19, 03.05.20

Project Location Map:

