

Mayor and Council Communication

DATE: 06/02/20

M&C FILE NUMBER: M&C 20-0361

LOG NAME: 20CROMWELL MARINE CREEK ROAD RESCOPE AND APPROPRIATION

SUBJECT

Revise Scope of Cromwell Marine Creek Road 2018 Bond Program, Authorize Execution of Amendment No. 2 to the Professional Engineering Services Agreement with Burns & McDonnell, Inc., in an Amount Not to Exceed \$790,959.41, for a Revised Scope of the Cromwell Marine Creek Road Improvements Project and a Revised Contract Amount of \$2,690,954.41, Update the FY 2020-2024 Capital Improvement Plan, and Adopt Appropriation Ordinances (2018 Bond Program) (COUNCIL DISTRICT 7)

RECOMMENDATION:

It is recommended that the City Council:

1. Revise scope of Cromwell Marine Creek Road project from the 2018 Bond Program to provide for expansion of the roadway right-of-way and change from roundabouts to signalized intersections at Bowman Roberts Road and Huffines Boulevard;
2. Authorize the Execution of Amendment No. 2 to the Professional Engineering Services Agreement with Burns & McDonnell, Inc., City Secretary Contract No. 49556, in an amount not to exceed \$790,959.41 for a revised contract amount of \$2,690,954.41 for a revised the scope to include the design and right-of-way acquisition for the Master Thoroughfare Plan compliant roadway improvements for the Cromwell Marine Creek Road Improvements Project (City Project No. 101012);
3. Adopt the attached appropriation ordinance increasing the receipts and appropriations in the Cromwell Marine Creek Road Improvements Project in the amount of \$270,000.00 from available funds within the Transportation Impact Fee Capital Legacy Fund, reducing the Service Area G project (City Project No. UN9917) by the same amount; and
4. Adopt the attached appropriation ordinance increasing the receipts and appropriations in the Cromwell Marine Creek Road Improvements Project in the amount of \$2,730,000.00 from available funds within the Transportation Impact Fee Capital Fund, reducing the Service Area G project by the same amount.

DISCUSSION:

The purpose of this Mayor and Council Communication (M&C) is to take actions to revise the scope of the Cromwell Marine Creek Road Improvements project from that which was described in the 2018 Bond booklet. The process consists of four steps: re-scope the Cromwell Marine Creek Road Improvements Project to reflect the change in scope, authorize appropriations to fund the changed scope of work, execute Amendment No. 2 to the Professional Engineering Services Agreement to provide engineering services for the amended scope, and update the Fiscal Year 2020-2024 Capital Improvements Plan.

The 2018 Bond Program, approved by the voters, included funding for a project for Cromwell Marine Creek Road. The Bond booklet that was distributed prior to the election described this specific project as: construct new roundabouts at Bowman Roberts Road and Huffines Boulevard with associated infrastructure and rehabilitate existing travel lanes” with limits noted as being from Boat Club Road (FM 1220) to Marine Creek Parkway.

Design of this project was included in the approved and expanded engineering contracts authorized by M&C C-28764, June 26, 2018. Since then, the plan for the decision to build roundabouts at these two key intersections on this roadway was reanalyzed as the City’s Master Thoroughfare Plan (MTP) designates the road as a six-lane divided corridor. The result of the review is a determination that traffic signals are more effective for managing traffic on such large facilities and safer than 3-lane roundabouts and a recommendation to change the scope of the project in furtherance of implementing the MTP.

Staff recommends the project be re-scoped to include signalized intersections instead of roundabouts; to expand the project and structure it as the first phase in the ultimate future buildout of a wider roadway as contemplated by the MTP; and to provide for replacement, rather than rehabilitation, of the existing traffic lanes with a goal of later adding an additional lane in each direction to align with the MTP.

Cromwell Marine Creek Road from Boat Club Road to Cape Street is approximately 8,575 linear feet (1.6 miles) in length and identified in the City’s MTP as a six-lane divided connector with shared use paths. Current traffic counts/demand do not warrant the construction of the full 6-lane section at this time. An interim 4-lane cross-section with extra-wide medians is proposed to provide adequate capacity for current traffic with additional right-of-way acquired as necessary to accommodate the future expansion of the corridor and addition of one-lane in each direction.

In adopting the first recommendation, the City Council would be finding that the revised scope of the project - consisting of signalized intersection and design and construction of a replacement four-lane roadway with acquisition of right-of-way sufficient for later expansion to six lanes - is within the voted purpose of the bonds as approved by the voters at the 2018 bond election.

Cromwell Marine Creek Road from Cape Street to Marine Creek Parkway is approximately 2,325 linear feet (0.4 miles) in length and is not identified on the City’s MTP. Under the revised project scope, this neighborhood collector would be widened to a 4-lane cross-section with shared use paths to maintain the number of lanes through to the roundabout at Marine Creek Parkway. The preliminary cost estimate for constructing the 4-lane cross-section is \$37,000,000.00. Funding will be sought separately for the construction phase of Cromwell Marine Creek Road.

The entire project is located within Transportation Impact Fee Service Area G. Approximately 7,440 of the total 11,000 linear feet of Cromwell Marine Creek Road and its intersections with Huffines Boulevard and Boat Club Road (FM 1220) are identified as impact fee eligible in the current adopted Transportation Impact Fee Study. Currently, \$4,559,940.00 of transportation impact fee revenues are available in Service Area G.

City staff recommends City Council support the use of transportation impact fee revenues in the amount of \$3,000,000.00 for design and right-of-way acquisition to widen Cromwell Marine Creek Road at the impact fee eligible locations as identified in the Transportation Impact Fee Study.

Due to the amended scope, the project's design must be revised to accommodate the interim 4-lane cross-section. Amendment No. 2 to the Professional Engineering Services Agreement takes into account the remaining budget from the original contract and scope. City staff recommends City Council support the execution of Amendment No. 2 to the Professional Engineering Services Agreement with Burns & McDonnell, Inc., City Secretary Contract No. 49556, in an amount not to exceed \$790,959.41 for a Revised Contract Amount of \$2,690,954.41 for the Cromwell Marine Creek Road Improvements Project.

The following table is a summary of the services contract history:

Contract	Amount	Description	Mayor & Council Action	Date Approved
Original Contract, CSN 49556	\$399,995.00	Burns & McDonnell, Inc. for Design services	C-28288	June 20, 2017
Amendment No. 1, CSN 49556-A1	\$1,500,000.00	Burns & McDonnell, Inc. for Design Services	C-28764	June 26, 2018

The following table demonstrates the funding history for the project:

Fund	Existing Funding	Additional Funding	Project Total
2018 Bond Program	\$8,860,000.00		\$8,860,000.00
Tax Note 2017	\$500,000.00		\$500,000.00
Transportation Impact Fee Capital Legacy Fund		\$270,000.00	\$270,000.00
Transportation Impact Fee Capital Fund		\$2,730,000.00	\$2,730,000.00
Project Total:	\$9,360,000.00	\$3,000,000.00	\$12,360,000.00

MWBE OFFICE – Burns & McDonnell, Inc. is in compliance with the City's BDE Ordinance by committing to 23% SBE participation on this project. The City's SBE goal on this project is 20% for Amendment No. 2.

This additional appropriation for this project was not included in the FY2020-2024 Capital Improvement Plan. Recently an opportunity was identified to leverage transportation impact fees and amend the project scope. The action in this M&C will update the FY2020-2024 Capital Improvement Plan.

The project is in COUNCIL DISTRICT 7.

FISCAL INFORMATION / CERTIFICATION:

The Director of Finance certifies that funds are currently available in the Service Area G project and upon approval of the above recommendations and adoption of the attached appropriation ordinances, funds will be available in the Transportation Impact Fee Capital (Transportation Impact Fee Cap) and Transportation Impact Fee Capital Legacy (Trans Impact Fee Cap Legacy) Funds Cromwell - Marine Creek project to support the approval of the above recommendation and execution of the agreement. Prior to an expenditure being incurred, the Transportation & Public Works Department has the responsibility of verifying the availability of funds.

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