



STAFF REPORT

Submitting Department: Public Works

Submitted By:

Meeting Date: December 12, 2016

I. AGENDA ITEM TITLE: TETRA TECH - DESIGN SERVICES FOR BETHANY ROAD AND WINDWARD PARKWAY

II. RECOMMENDATION:

Please award the following scopes of work to Tetra Tech in an amount totaling \$431,815: (A) full design of the Bethany Road at Mid-Broadwell Road Intersection Improvements (\$131,170); (B) full design of the Bethany Road at Mayfield Road Intersection Improvements (\$127,670); and (C) conceptual design of the Windward Parkway Business District/Union Hill Road Capacity Improvements (\$172,975). Authorize the Mayor to execute all necessary documents.

III. BUDGET IMPLICATIONS:

BUDGETED ITEM: YES

FISCAL IMPACT: YES

INCLUDED IN CURRENT FY CPTL BUDGET: NO

INCLUDED IN CURRENT FY OPRT. BUDGET: NO

TOTAL PROJECT COST: \$431,815.00

APPROPRIATIONS:

<u>ACCOUNT TITLE/NUMBER</u>	<u>DOLLAR AMOUNT</u>
Bethany Rd at Mid-Broadwell Rd Intersection Imp. (Full Design; 33541100-541410-C1714)	\$131,170.00
Bethany Rd at Mayfield Rd Intersection Imp. (Full Design; 33541100-541410-C1715)	\$127,670.00
Windward Pkwy Business Dist./Union Hill Rd Capacity Imp. (Conceptual Design; 33541100-541410-C1718)	\$172,975.00
T-SPLOST Roadway Improvements (Reserve; 33541100-541410)	(\$431,815.00)

EXTERNAL FUNDING SOURCES:

<u>ACCOUNT TITLE/NUMBER</u>	<u>DOLLAR AMOUNT</u>
-	\$0.00
-	\$0.00
-	\$0.00
-	\$0.00

IV. REPORT IN BRIEF:

On November 8, 2016, the voters of Fulton County approved an additional 0.75% sales tax (T-SPLOST) be collected in part of Fulton County (outside of the City of Atlanta) for five (5) years for the purposes of transportation improvements and congestion mitigation. The City is utilizing T-SPLOST collections in FY 2017 to provide full-design/conceptual design services for T-SPLOST projects.

Staff is requesting that the following T-SPLOST scopes of work be awarded to Tetra Tech in an amount totaling \$431,815: (A) full design of the Bethany Road at Mid-Broadwell Road Intersection Improvements (\$131,170); (B) full design of the Bethany Road at Mayfield Road Intersection Improvements (\$127,670); and (C) conceptual design of the Windward Parkway Business District/Union Hill Road Capacity Improvements (\$172,975). Tetra-Tech is one of the City's on-call providers of Engineering Services. The cost proposals from Tetra Tech are in line with staff estimates and have been reviewed by Atkins (City's on-call provider of project management services) and found to be reasonable given the scope of work.

Bethany Road Intersection Improvements

Though a formal concept has not been developed, City planners recommend constructing a

roundabout at these two intersections to assist in improving traffic flow. Roundabouts will improve the flow of traffic compared to the current 4-way stop sign at the intersection of Bethany Road and Mayfield Road. Additionally, a roundabout at Bethany Road and Mid-Broadwell Road will assist drivers attempting to make a left hand turn from Bethany Road onto Mid-Broadwell Road.

Windward Parkway Business District/Union Hill Road Capacity Improvements

Windward Parkway will be examined from State Route 9 to Union Hill Road. Improvements consist of adding an additional lane in each direction. Due to the complexity of the project, the Public Works Department is requesting only to have Tetra Tech perform conceptual design work. Once a concept has been approved, we can move forward with obtaining a detailed design proposal. Windward Parkway was also part of the City of Milton's TSPLOST list. Department of Public Works will work with the City of Milton in developing the concept plans. The engineering firm Rochester and Associates originally designed Windward Parkway. They are also part of Tetra Tech's design services team.

Once contracts have been executed it should take approximately 5-6 months to complete the necessary design work associated with the roundabouts and 6-7 months to develop a concept plan for Windward Parkway.

V. ALTERNATIVES:

VI. ATTACHMENTS:

Project Overview - Bethany at Mid-Broadwell, Project Overview-Bethany at Mayfield, Project Overview-Windward Parkway, Cost Proposal -Mid-Broadwell, Cost Proposal - Mayfield, Cost Proposal - Windward Parkway