



CITY COUNCIL AGENDA ITEM

TO: Mayor & City Council

DATE: June 13, 2014

FROM: John McDonough, City Manager

AGENDA ITEM: Consideration of Preliminary Concept for T-0024 Hammond Drive Improvements

MEETING DATE: For Submission onto the June 17, 2014, City Council Work Session Agenda

BACKGROUND INFORMATION: (Attach additional pages if necessary)

See attached:

Memorandum
Layout
Cost Estimate

APPROVAL BY CITY MANAGER:  APPROVED

PLACED ON AGENDA FOR: 6/17/2014

CITY ATTORNEY APPROVAL REQUIRED: () YES () NO

CITY ATTORNEY APPROVAL: 

REMARKS:



TO: John F. McDonough, City Manager

FROM: Garrin M. Coleman, P.E., Public Works Director

DATE: June 12, 2014 for Submission onto the Agenda for the June 17, 2014 City Council Work Session

ITEM: Consideration of preliminary concept for T-0024 Hammond Drive Improvements

Recommendation:

Staff recommends approval of the preliminary concept layout (attached) of overlay improvements along Hammond Drive from Harleston Road to Boylston Drive and approval to move forward with design. The concept is proposed as a within budget solution for existing project T-0024 funds.

Background:

The City currently has an existing Congressional earmark of \$500,000 that must be used on Hammond Drive. Funding was originally provided as "seed money" to initiate a Hammond Drive Widening Project. In the interest of finding a suitable alternative for the available funds, a preliminary concept study was performed to determine the scope of possible improvements for Hammond Drive that would utilize the existing federal earmark of \$500,000 along with approximately \$170,000 of programmed local funds. The project would be required to follow federal guidelines and the GDOT Plan Development Process.

Discussion:

The preliminary concept study examined possible traffic operational and pedestrian improvements to Hammond Drive between Harleston Road and Roswell Road. Currently there are overlay improvements on the south side of Hammond Drive between Roswell Road and Boylston Drive. The recommended layout would provide sidewalk and overlay improvement on both sides of Hammond Drive from Harleston Road to Boylston Drive and would provide pedestrian access to the downtown areas for the adjacent neighborhoods.

Alternatives:

Two alternatives are:

1. Approve the preliminary concept and move forward with design.
2. Do not approve the preliminary concept.

Financial Impact:

The cost estimate for the project is \$636,770.35.

The project has approximately \$670,000 of federal and local funds currently available in the City's CIP T-0024 Budget.

Attachment:

- I. Layout
- II. Cost Estimate

PUBLIC WORKS

HAMMOND DRIVE AT
BOYLSTON DRIVE
IMPROVEMENTS



OPTION 1A

PED ENHANCEMENTS
NORTH & SOUTH SIDE OF HAMMOND DR
FROM BOYLSTON DR TO HARLESTON RD



**CITY OF SANDY SPRINGS
IMPROVEMENTS TO THE INTERSECTION OF HAMMOND DRIVE AT BOYLSTON DRIVE
CONCEPT OPTION 1
PED ENHANCEMENTS**

North & South Side of Hammond Dr from Boylston Dr to Harleston Rd

ESTIMATE OF PROBABLE CONSTRUCTION COSTS

GA. DOT ITEM NO.	PAY ITEMS DESCRIPTION	UNIT	QUANTITY	Unit Cost	Cost
ROADWAY ITEMS					
150-0001	TRAFFIC CONTROL	LS	1	\$ 50,000.00	\$ 50,000.00
210-0100	GRADING COMPLETE	LS	1	\$ 50,000.00	\$ 50,000.00
310-1101	GR AGGR BASE CRS, INCL MATL	TN	115	\$ 46.36	\$ 5,331.40
402-3143	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	TN		\$ 89.62	\$ -
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	TN	2	\$ 71.61	\$ 143.22
402-3600	RECYCLED ASPH CONC 12.5 MM, SMA, GP 2 ONLY,	TN	4	\$ 92.35	\$ 369.40
413-1000	BITUM TACK COAT	GL		\$ 8.22	\$ -
432-0205	MILL ASPH CONC PVMT, 1 1/4 IN DEPTH	SY		\$ 3.00	\$ -
441-0104	CONC SIDEWALK, 4 IN	SY	450	\$ 113.43	\$ 51,043.50
441-4020	CONC VALLEY GUTTER, 6 IN	SY	410	\$ 42.17	\$ 17,289.70
441-6012	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	LF	670	\$ 12.95	\$ 8,675.82
446-1100	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	LF	50	\$ 22.62	\$ 1,130.85
500-3101	CLASS A CONCRETE	CY	200	\$ 453.39	\$ 90,678.00
500-3200	CLASS B CONCRETE	CY	4	\$ 726.14	\$ 2,904.56
511-1000	BAR REINF STEEL	LB		\$ 2.24	\$ -
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	10	\$ 69.68	\$ 696.80
550-1480	STORM DRAIN PIPE, 48 IN, H 1-10	LF		\$ 88.78	\$ -
550-1540	STORM DRAIN PIPE, 54 IN, H 1-10	LF		\$ 121.73	\$ -
668-1100	CATCH BASIN, GP 1	EA	2	\$ 2,116.94	\$ 4,233.88
700-9300	SOD	SY	1 500	\$ 12.26	\$ 18,390.00
900-0039	BRICK PAVERS	SF	180	\$ 7.75	\$ 1,395.00
	ASHLAR STONE FINISH	LS	1	\$ 13,000.00	\$ 13,000.00
			SUBTOTAL:		\$ 315,282.13
EROSION CONTROL ITEMS					
			SUBTOTAL:		\$ 15,000.00
SIGNING AND MARKING ITEMS					
			SUBTOTAL:		\$ 2,000.00
UTILITIES					
	Power Pole Relocation				
	Power Line Relocation				
			SUBTOTAL:		\$ -
RIGHT OF WAY					
	R/W	SF	1 387	\$ 50.00	\$ 69,374.00
	PERM ESMT	SF		\$ 25.00	
	TEMP ESMT	SF	845	\$ 5.00	\$ 4,226.00
			SUBTOTAL:		\$ 73,600.00
SIGNALS					
	SIGNAL				
			SUBTOTAL:		\$ -
LIGHTING					
	LIGHTING	EA	4	\$ 7,000.00	\$ 28,000.00
			SUBTOTAL:		\$ 28,000.00
ENVIRONMENTAL					
	ECOLOGY MITIGATION				\$ 5,000.00
			SUBTOTAL:		\$ 5,000.00
DESIGN					
	PE				
	GDOT Concept Report				\$ 20,000.00
	CE Document				\$ 50,000.00
	Preliminary Plans				\$ 25,000.00
	R/W Plans				\$ 5,000.00
	Final Plans				\$ 20,000.00
			SUBTOTAL:		\$ 120,000.00
GDOT COORDINATION					
	GDOT Review				\$ 20,000.00
			SUBTOTAL:		\$ 20,000.00
			TOTAL:	\$	578,882.13
			CONTINGENCY	\$	57,888.21
			GRAND TOTAL	\$	636,770.35

Gresham Smith and Partners does not have control over the cost of labor, materials, equipment, or over the Contractor's method of costing in the marketplace, the opinion of probable cost as herein stated is made on the basis of our experience and qualifications and represent our best judgment as a design professional familiar with the construction industry. However, we can not guarantee that bids or the construction cost will not vary from these probable cost opinions. If the Owner desires greater assurance of the cost of construction, it is recommended he employ an independent cost estimator.