



4800 Ashford Dunwoody Road
Dunwoody, Georgia 30338
dunwoodyga.gov | 678.382.6700

MEMORANDUM

To: Mayor and City Council

From: Michael Smith, Public Works Director

Date: March 25, 2024

Subject: **Approval of a Contract with Sunbelt to Install Pedestrian Hybrid Beacons on Perimeter Center West and North Peachtree Road**

ACTION

Authorize the Mayor, City Manager, or designee to execute all documents necessary and proper for a contract with Sunbelt Traffic, LLC in the amount of \$419,924, plus a 10% construction contingency, to install Pedestrian Hybrid Beacons at Chesnut Elementary School and on Perimeter Center West.

SUMMARY

The 2024 SPLOST capital budget includes funding to construct pedestrian hybrid beacon crossings (PHBs) at two locations. The first location is at the existing crosswalk on North Peachtree Road in front of Chesnut Elementary School and the second is at a new mid-block crosswalk on Perimeter Center West between Perimeter Mall and the Terraces office complex. Both locations meet the minimum standards for the number of pedestrian crossings required by the Manual on Uniform Traffic Control Devices (MUTCD) for a Pedestrian Hybrid Beacon installation.

The city received two bids in response to [ITB 24-02](#) with Sunbelt Traffic, LLC submitting the lowest responsive bid at \$419,924.31 to install the PHBs at both locations. The city has allocated \$425,000 in the 2024 Special Purpose Local Option Sales Tax (SPLOST) budget for these two projects and the Perimeter Community Improvement District (PCID) has budgeted a 50% funding match for the Perimeter Center West project.

DETAILS

The projected total construction cost and funding sources for the PHB installations are as follows:

<u>North Peachtree Road Crossing at Chesnut Elementary School</u>	
<u>Costs</u>	
Dunwoody Standard Signal Pole (Direct Purchase Approved at March 11 th Council Meeting)	\$21,725
Construction Contract with Sunbelt Traffic, LLC	\$148,571
Construction Contingency	\$17,000
Management and Inspection Costs	\$10,000
Total Cost	\$197,296
<u>Funding</u>	
2024 SPLOST II Fund (Project SP1-1842)	\$225,000



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Perimeter Center West Crossing between Perimeter Mall and the Terraces

Costs

Perimeter Standard Signal Poles (Direct Purchase Approved at March 11 th Council Meeting)	\$37,170
Construction Contract with Sunbelt Traffic, LLC	\$271,352
Construction Contingency	\$31,000
Management and Inspection Costs	\$19,000
Total Cost	\$358,522

Funding

2024 SPLOST II Fund (Project SP1-1841)	\$200,000
Perimeter Community Improvement District 50% Matching Funds	\$200,000
Total Funding	\$400,000

RECOMMENDED ACTION

Authorize the Mayor, City Manager, or designee to execute all documents necessary and proper for a contract with Sunbelt Traffic, LLC in the amount of \$419,924, plus a 10% construction contingency, to install Pedestrian Hybrid Beacons at Chesnut Elementary School and on Perimeter Center West.

Example of Pedestrian Hybrid Beacon on Hammond Drive at Dunwoody MARTA Station



LOCATION #1: NORTH PEACHTREE RD AT CHESNUT ELEMENTARY SCHOOL PHB INSTALLATION				SUNBELT		OHMSHIV	
150-1000	TRAFFIC CONTROL – NORTH PEACHTREE RD AT CHESNUT ELEMENTARY SCHOOL PHB INSTALLATION	LS	1	\$7,800.00	\$7,800.00	\$35,000.00	\$35,000.00
210-0100	GRADING COMPLETE – NORTH PEACHTREE RD AT CHESNUT ELEMENTARY SCHOOL PHB INSTALLATION	LS	1	\$3,800.00	\$3,800.00	\$25,000.00	\$25,000.00
441-0104	CONC SIDEWALK, 4 IN	SY	50	\$116.00	\$5,800.00	\$50.00	\$2,500.00
441-6222	CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	LF	55	\$150.00	\$8,250.00	\$28.00	\$1,540.00
999-5200	DETECTABLE WARNING SURFACE	LF	24	\$10.00	\$240.00	\$20.00	\$480.00
TRAFFIC SIGNAL/ITS ITEMS							
639-3004	STEEL STRAIN POLE, TP IV (W/ 10' UPRIGHT EXTENSION AND W/50 FT MAST ARM) (FLUTED-BLACK FINISH) SPECIAL PROVISION – LABOR ONLY	EA	1	\$18,000.00	\$18,000.00	\$6,000.00	\$6,000.00
647-1020	PHB INSTALLATION NO. 1 - NORTH PEACHTREE ROAD	LS	1	\$79,399.29	\$79,399.29	\$75,550.00	\$75,550.00
682-2170	PULL BOX, TYPE 7	EA	1	\$1,668.00	\$1,668.00	\$2,810.00	\$2,810.00
682-6233	CONDUIT, NONMETL, TP 3, 2 IN	LF	240	\$5.00	\$1,200.00	\$4.55	\$1,092.00
682-9950	DIRECTIONAL BORE - 9 IN	LF	60	\$150.00	\$9,000.00	\$38.00	\$2,280.00
935-1512	OUTSIDE PLANT FIBER OPTIC CABLE, DROP, SINGLE MODE, 12 FIBER	LF	125	\$0.50	\$62.50	\$11.00	\$1,375.00
935-3106	FIBER OPTIC CLOSURE, UNDERGROUND, 72 FIBER	EA	1	\$450.00	\$450.00	\$1,875.00	\$1,875.00
935-4502	FIBER PATCH PANEL, WALL MOUNT, 12 PORT	EA	1	\$650.00	\$650.00	\$1,255.00	\$1,255.00
937-4100	PEDESTRIAN DETECTION SYSTEM NO. 1 - NORTH PEACHTREE ROAD	LS	1	\$2,521.00	\$2,521.00	\$9,804.00	\$9,804.00
939-2300	FIELD SWITCH, TYPE A	EA	1	\$1,309.00	\$1,309.00	\$4,800.00	\$4,800.00
939-2390	SFP FIBER MODULE, TYPE 1	EA	2	\$105.00	\$210.00	\$1,400.00	\$2,800.00
939-5010	ELECTRICAL POWER SERVICE ASSEMBLY (AERIAL SERVICE POINT)	EA	1	\$2,000.00	\$2,000.00	\$3,612.00	\$3,612.00
SIGNING AND MARKING ITEMS							
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	SF	20	\$12.00	\$240.00	\$30.00	\$600.00
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	52	\$14.00	\$728.00	\$30.00	\$1,560.00
636-2070	GALV STEEL POSTS, TP 7	LF	112	\$5.00	\$560.00	\$15.00	\$1,680.00
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	24	\$6.00	\$144.00	\$8.00	\$192.00
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	220	\$2.00	\$440.00	\$3.00	\$660.00
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	GLF	100	\$1.00	\$100.00	\$1.00	\$100.00
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE	SY	169	\$5.00	\$845.00	\$7.00	\$1,183.00
EROSION CONTROL ITEMS							
163-0232	TEMPORARY GRASSING	AC	0.25	\$2,100.00	\$525.00	\$500.00	\$125.00

163-0240	MULCH	TN	0.5	\$1,200.00	\$600.00	\$200.00	\$100.00
165-0010	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	LF	100	\$5.00	\$500.00	\$1.00	\$100.00
171-0010	TEMPORARY SILT FENCE, TP C	LF	100	\$12.00	\$1,200.00	\$3.25	\$325.00
700-9300	SOD	SY	55	\$6.00	\$330.00	\$8.00	\$440.00
Total Location #1					\$148,571.79	\$184,838.00	

LOCATION #2: PERIMETER CENTER WEST NEAR MALL ENTRANCE PHB INSTALLATION				SUNBELT		OHMSHIV	
150-1000	TRAFFIC CONTROL – PERIMETER CENTER WEST NEAR MALL ENTRANCE PHB INSTALLATION	LS	1	\$9,600.00	\$9,600.00	\$37,500.00	\$37,500.00
210-0100	GRADING COMPLETE-PERIMETER CENTER WEST NEAR MALL ENTRANCE PHB INSTALLATION	LS	1	\$5,800.00	\$5,800.00	\$45,000.00	\$45,000.00
310-5060	GR AGGR BASE CRS, 6 INCH, INCL MATL	TN	40	\$45.00	\$1,800.00	\$45.00	\$1,800.00
441-0104	CONC SIDEWALK, 4 IN	SY	385	\$116.00	\$44,660.00	\$50.00	\$19,250.00
441-5002	CONCRETE HEADER CURB, 6 IN, TP 2	LF	55	\$125.00	\$6,875.00	\$23.00	\$1,265.00
441-5004	CONCRETE HEADER CURB, 10 IN, TP 4	LF	104	\$165.00	\$17,160.00	\$23.00	\$2,392.00
441-6216	CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	LF	60	\$150.00	\$9,000.00	\$26.00	\$1,560.00
653-9999	SPECIAL EMPHASIS CROSSWALK - METHYL METHACRYLATE (MMA) RED	SY	60	\$115.00	\$6,900.00	\$50.00	\$3,000.00
999-5200	DETECTABLE WARNING SURFACE - BRICK PAVERS	SF	96	\$130.00	\$12,480.00	\$20.00	\$1,920.00
TRAFFIC SIGNAL/ITS ITEMS							
639-3004	STEEL STRAIN POLE, TP IV (W/35 FT MAST ARM) (DARK GREEN FINISH) SPECIAL PROVISION – LABOR ONLY	EA	1	\$15,500.00	\$15,500.00	\$5,500.00	\$5,500.00
639-3004	STEEL STRAIN POLE, TP IV (W/40 FT MAST ARM) (DARK GREEN FINISH) SPECIAL PROVISION – LABOR ONLY	EA	1	\$16,000.00	\$16,000.00	\$5,500.00	\$5,500.00
647-1020	PHB INSTALLATION NO. 1 - PERIMETER CENTER WEST	LS	1	\$77,242.52	\$77,242.52	\$75,550.00	\$75,550.00
682-6233	CONDUIT, NONMETL, TP 3, 2 IN	LF	625	\$5.00	\$3,125.00	\$4.60	\$2,875.00
682-9950	DIRECTIONAL BORE - 7 IN	LF	255	\$40.00	\$10,200.00	\$30.25	\$7,713.75
935-1512	OUTSIDE PLANT FIBER OPTIC CABLE, DROP, SINGLE MODE, 12 FIBER	LF	230	\$0.50	\$115.00	\$11.25	\$2,587.50
935-3106	FIBER OPTIC CLOSURE, UNDERGROUND, 48 FIBER	EA	1	\$300.00	\$300.00	\$1,650.00	\$1,650.00
935-4502	FIBER PATCH PANEL, WALL MOUNT, 12 PORT	EA	1	\$650.00	\$650.00	\$1,265.00	\$1,265.00
936-4000	CCTV CAMERA SYSTEM, TYPE 1	EA	1	\$4,087.00	\$4,087.00	\$5,265.00	\$5,265.00
936-4903	CCTV MOUNTING ARM, TYPE 3	EA	1	\$700.00	\$700.00	\$1,150.00	\$1,150.00
937-4100	PEDESTRIAN DETECTION SYSTEM NO.1 - PERIMETER CENTER WEST	LS	1	\$5,100.00	\$5,100.00	\$12,125.00	\$12,125.00

939-2300	FIELD SWITCH, TYPE A	EA	1	\$1,309.00	\$1,309.00	\$1,850.00	\$1,850.00
939-2390	SFP FIBER MODULE, TYPE 1	EA	2	\$105.00	\$210.00	\$1,450.00	\$2,900.00
939-5020	ELECTRICAL POWER SERVICE ASSEMBLY (UNDERGROUND SERVICE POINT)	EA	1	\$3,000.00	\$3,000.00	\$5,500.00	\$5,500.00
SIGNING AND MARKING ITEMS							
610-9001	REM SIGN	EA	1	\$90.00	\$90.00	\$100.00	\$100.00
611-5551	RESET SIGN	EA	1	\$210.00	\$210.00	\$100.00	\$100.00
636-2070	GALV STEEL POSTS, TP 7	LF	171	\$5.00	\$855.00	\$15.00	\$2,565.00
636-1033	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	SF	30	\$12.00	\$360.00	\$30.00	\$900.00
636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	72	\$14.00	\$1,008.00	\$30.00	\$2,160.00
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	70	\$6.00	\$420.00	\$10.00	\$700.00
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	278	\$2.00	\$556.00	\$3.00	\$834.00
LIGHTING ITEMS							
680-4220	LIGHTING STD, 11-15 FT MH, POST-TOP (FOUNDATION INSTALLATION ONLY)	EA	1	\$1,800.00	\$1,800.00	\$ 2,000.00	\$2,000.00
680-6140	LUMINAIRE, TP 3, LED (BY OTHERS)	EA	0	\$0.00	\$0.00	\$ -	\$0.00
682-1504	CABLE, TP RHH/RHW, AWG NO 10 (BY OTHERS)	LF	0	\$0.00	\$0.00	\$ -	\$0.00
682-6221	CONDUIT, NONMETL, TP 2, 1-1/2 IN	LF	60	\$4.00	\$240.00	\$ 6.50	\$390.00
682-9020	ELECTRICAL JUNCTION BOX (INSTALLATION ONLY)	EA	1	\$900.00	\$900.00	\$ 405.00	\$405.00
682-9950	DIRECTIONAL BORE - 2 IN	LF	40	\$100.00	\$4,000.00	\$ 21.50	\$860.00
EROSION CONTROL ITEMS							
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	2	\$150.00	\$300.00	\$100.00	\$200.00
163-0232	TEMPORARY GRASSING	AC	1	\$800.00	\$800.00	\$500.00	\$500.00
163-0240	MULCH	TN	1	\$450.00	\$450.00	\$200.00	\$200.00
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	LF	280	\$5.00	\$1,400.00	\$1.00	\$280.00
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	2	\$60.00	\$120.00	\$50.00	\$100.00
171-0030	TEMPORARY SILT FENCE, TP C	LF	280	\$12.00	\$3,360.00	\$3.50	\$980.00
643-8200	BARRIER FENCE (ORANGE), 4 FT	LF	225	\$10.00	\$2,250.00	\$2.00	\$450.00
700-9300	SOD	SY	70	\$6.00	\$420.00	\$8.50	\$595.00
Total Location #2					\$271,352.52	\$259,437.25	
GRAND TOTAL					\$419,924.31	\$444,275.25	