



4800 Ashford Dunwoody Road
Dunwoody, Georgia 30338
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MEMORANDUM

To: Mayor and City Council

From: Michael Smith, Public Works Director

Date: March 11, 2019

Subject: **Funding Authorization for Sidewalk Construction on Tilly Mill Road between Womack Road and North Peachtree Road**

BACKGROUND

The purpose of this project is to construct new sidewalk and bike lanes on Tilly Mill Road from the Georgia State University campus driveway southward to 4988 Tilly Mill Road. There is currently no sidewalk on the west side of this section of roadway. Concrete curb, drainage pipe and driveway replacement will be added where necessary to provide the shoulder on which the sidewalk and bike lane extension will be constructed. The new 1/2 –mile section on Tilly Mill Road will connect to recently constructed sidewalk and bike lanes on Womack Road and at North Peachtree Road.

Georgia Development Partners (GDP) has submitted a cost estimate of \$717,458 based on their unit price contract approved by the city council in 2015. The project cost including construction management and testing is within the city's available funding project budget of approximately \$950,000. Asphalt re-surfacing along Tilly Mill Road through the limits of this project is outside of GDP's scope, but will be completed by the city's paving contractor.

General Schedule Parameters:

- 1) Utility coordination and re-location is ongoing and scheduled for completion by end of summer
- 2) GDP is projected to begin construction in fall of this year with final completion and paving occurring in the spring of 2020.

RECOMMENDED ACTION

Staff requests authorization to provide funding in the amount of \$717,458 plus a 10% contingency through Georgia Development Partners unit price contract to construct the sidewalk and bike lanes on Tilly Mill Road.



Estimate

Tilly Mill Road NPR to Womack Pedestrian and Bike Improvements

10/18/2018 (Revised 11/2/2018)

1	ea	Mobilization	\$2,400.00	\$2,400.00
80	day	Traffic Control	\$750.00	\$60,000.00
2204	cy	Borrow Excavation	\$25.00	\$55,100.00
0.58	mi	Grading per Mile	\$52,800.00	\$30,624.00
302	cy	Extra Depth Grading (>3'0)	\$15.00	\$4,530.00
0.97	ac	Clearing & Grubbing	\$4,500.00	\$4,365.00
1	ea	Bond	\$8,745.00	\$8,745.00
100	cy	Unsuitable Soil	\$25.00	\$2,500.00
662	lf	Sawcutting	\$3.25	\$2,151.50
14,325.00	sf	Driveway Demolition	\$1.83	\$26,214.75
442	lf	24" Curb and Gutter Demo	\$8.50	\$3,757.00
1,658.00	sf	Sidewalk Demo	\$1.83	\$3,034.14
94	sf	Asphalt Demo	\$2.25	\$211.50
280	sf	6" Median Demo	\$4.25	\$1,190.00
21	lf	Flume Demo	\$8.00	\$168.00
409	lf	Pipe Removal	\$44.50	\$18,200.50
272	lf	Handrail Removal	\$5.00	\$1,360.00
0	ls	Erosion Control	\$15,000.00	\$0.00
1	ea	Construction Entrance	\$1,450.00	\$1,450.00
1	tn	Mulch	\$350.00	\$350.00
2631	lf	Type C Silt Fence	\$3.25	\$8,550.75
2631	lf	Tree Save	\$1.50	\$3,946.50
1315	lf	Maintenance of Type C	\$1.00	\$1,315.00
24	ea	Construct & Remove Inlet Sediment Traps	\$225.00	\$5,400.00
745.00	sy	Slope Matting	\$1.50	\$1,117.50
1.00	ac	Permanent Grassing	\$1,450.00	\$1,450.00
0.25	ac	Pine Straw	\$5,257.80	\$1,314.45
3.00	tn	Fertilizer Mixed Grade	\$675.00	\$2,025.00
150.00	lb	Fertilizer Nitrogen Content	\$5.50	\$825.00
2,216.00	lf	18" RCP	\$35.50	\$78,668.00
292	lf	24" RCP	\$45.50	\$13,286.00
2	ea	18" FES	\$445.00	\$890.00
1	ea	24" FES	\$803.04	\$803.04
1	ea	18" Headwall	\$550.00	\$550.00
15	ea	Catch Basins	\$2,950.00	\$44,250.00
7	ea	Drop Inlets	\$2,250.00	\$15,750.00
2	ea	Junction Boxes	\$1,950.00	\$3,900.00
25.00	ea	Relocate Water Meter (Due to major Grade Change)	\$1,100.00	\$27,500.00
3.00	ea	Raise Manhole to Grade	\$550.00	\$1,650.00
7.00	ea	Adjust Valve to Grade	\$350.00	\$2,450.00
12.00	es	Remove Highway Sign	\$100.00	\$1,200.00
10.00	ea	Reset Highway Sign	\$150.00	\$1,500.00
250.00	lf	Sprinkler Line	\$8.00	\$2,000.00
15.00	ea	Sprinkler Head	\$550.00	\$8,250.00

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125	lf	Water Service Line 1"	\$15.50	\$1,937.50
36.57	vf	GP 1 Additional Depth	\$195.00	\$7,131.15
263	lf	Handrail	\$55.00	\$14,465.00
2,840.00	lf	24" Curb and Gutter	\$18.50	\$52,540.00
10,989.00	sf	4" Sidewalk	\$3.72	\$40,879.08
4,857.00	sf	6" Valley Gutter	\$4.17	\$20,253.69
4	ea	Handicap Ramps	\$650.00	\$2,600.00
8,006.00	sf	4" Driveway Concrete	\$5.39	\$43,152.34
189	cy	Class B Widening	\$215.00	\$40,635.00
38	lf	6" Header Curb	\$18.00	\$684.00
0	ea	Single Wing Throat and Top	\$1,300.00	\$0.00
0	ea	Double Wing Throat and Top	\$1,600.00	\$0.00
0	ls	Asphalt Complete	\$231,915.00	\$0.00
0	ls	Hwy Signs	\$10,000.00	\$0.00
0	ls	Striping	\$18,921.99	\$0.00
0.97	ac	Sod	\$26,250.00	\$25,462.50
25	ea	Reset Mailbox (No Brick Mailboxes)	\$275.00	\$6,875.00
2	ea	Hyrdant Relocation	\$2,950.00	\$5,900.00
Total				\$717,457.89
Contengincy 10%				\$71,745.79
Grand Total				\$789,203.68



Unit Prices For Additional Work If Required

- Mass Rock - \$30.00/cy
- Rippable Rock - \$8.00/cy
- Trench Rock - \$75.00/cy
- Haul topsoil/unsuitable off site - \$16.50/cy
- Import Structural fill - \$16.50/cy
- Export Material - \$16.50/cy
- Undercutting and Demucking - \$6.50/cy
- Spreading/Compaction of Import - \$1.50/cy

Notes

All items not noted are excluded.

IN WITNESS WHEREOF THE CONTRACTOR and THE OWNER have executed this AGREEMENT this 2nd day of November 2018.

CONTRACTOR:

OWNER:

Georgia Development Partners

Signature

Signature

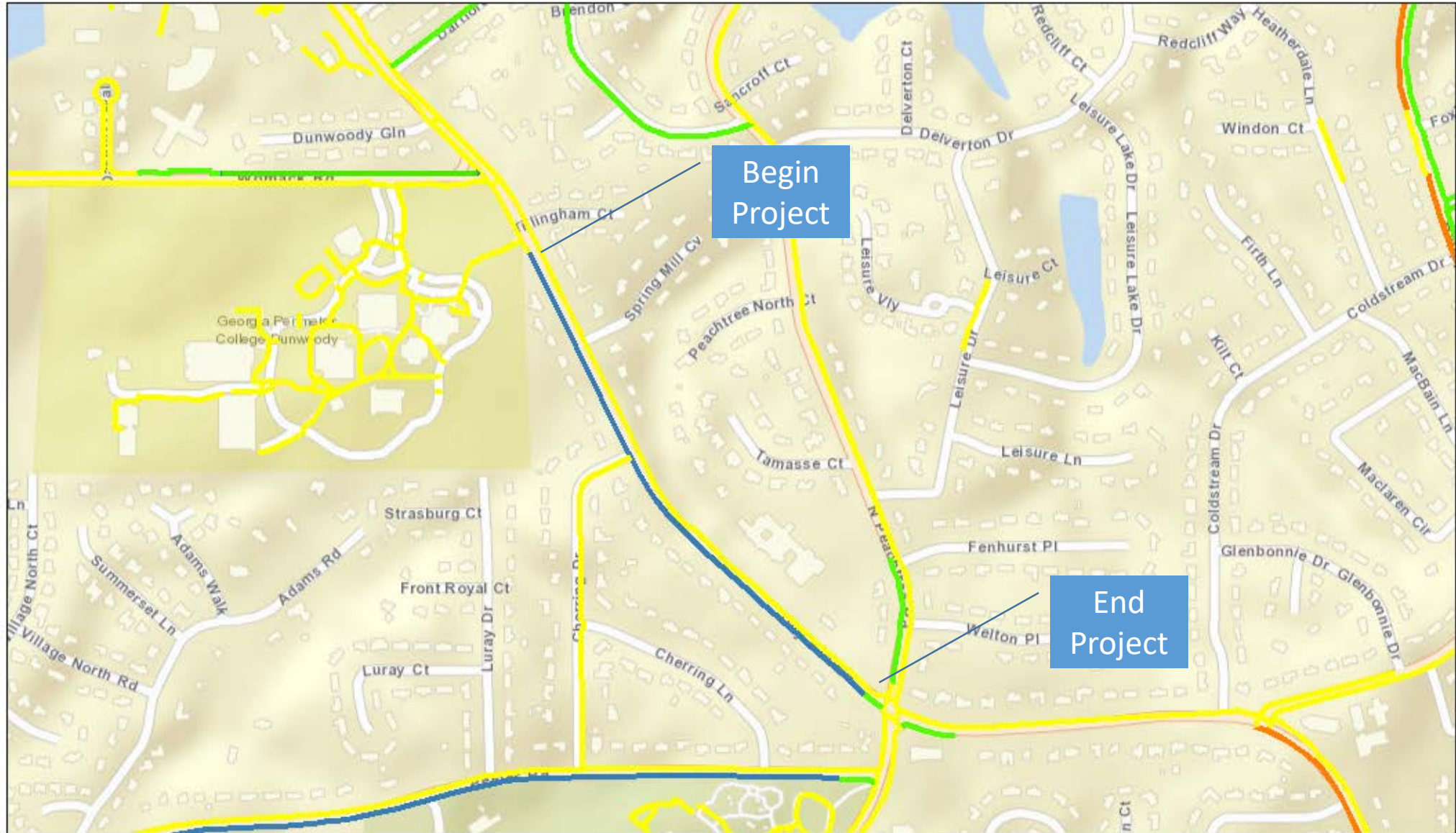
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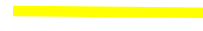



Date

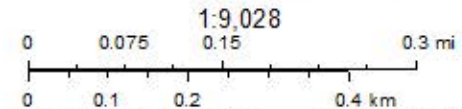
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Tilly Mill Sidewalk Project



March 1, 2019

-  Existing Sidewalk
-  Programmed Sidewalk
-  Planned Sidewalk
-  Completed by Dunwoody

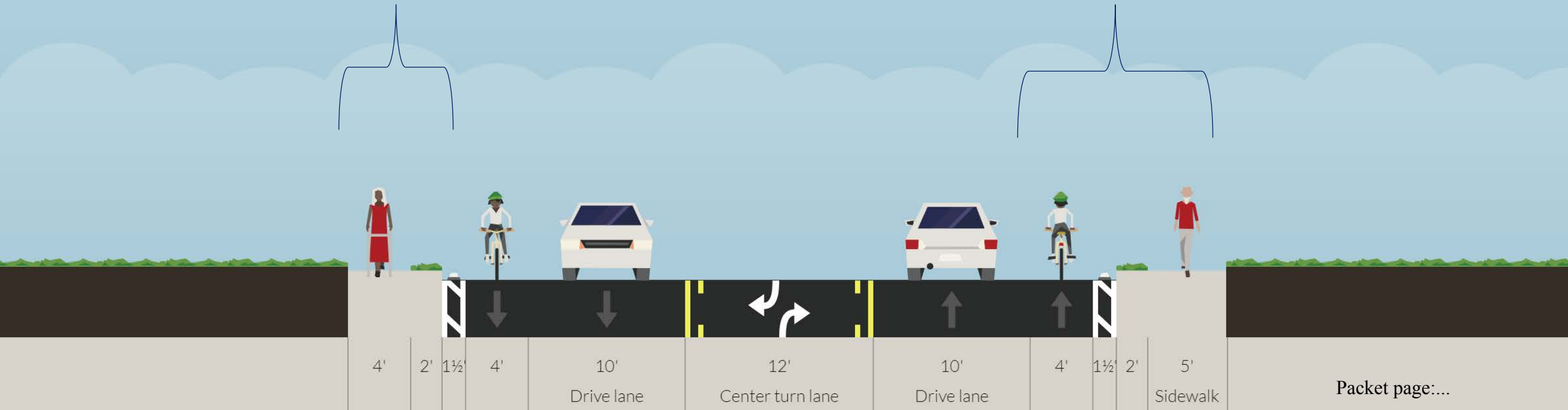


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENTAL, Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, OpenStreetMap contributors, and the GIS User Community

Tilly Mill Rd- Spring Mill Cove to Cherring

East Side of Road-
Existing Curb and
Sidewalk

West Side of Road-
New Bike Lane,
Curb, Drainage
Pipe and Sidewalk



Tilly Mill Rd- Cherring to N. Peachtree

East Side of Road -
Existing Curb and
Sidewalk (Typical)

West Side of Road-
New Bike Lane,
Curb, Drainage
Pipe and Sidewalk

