

**MEMORANDUM**

**To:** Mayor and City Council

**From:** Michael Smith, Public Works Director

**Date:** October 12, 2015

**Subject:** **Approval of a Construction Contract for Chamblee Dunwoody Road Water Main and Paving**

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**ITEM DESCRIPTION**

Approval of a construction contract with GS Construction for Chamblee Dunwoody Road Water Main and Paving from Womack Road to Roberts Drive.

**BACKGROUND**

In June 2015 the city received bids for water main replacement and road improvements on Chamblee Dunwoody Road from Cambridge Drive to Roberts Drive. Three bids were received and the bid amounts varied widely. The low bidder immediately requested to withdraw their bid citing a mistake in the bid calculation. Per the city's bid requirements, the low bidder was asked to provide specific documentation to justify the basis for withdrawing the bid. The bidder did not provide sufficient documentation and agreed to forfeit their bid bond which amounted to \$218,829. The city then rejected all of the bids considering that some of the unit prices on all of the bids were higher than on other projects and that the second lowest bidder was over 50% higher than the original low bid.

In an effort to increase competition and get construction underway as soon as possible the city and county have agreed to split the project into two contracts. As described on the attached map, the northern segment of the project from Womack Road to Roberts Drive only involves replacing water main and repaving the road while the southern segment from Cambridge Drive to Womack Road also includes drainage improvements, road widening for bike lanes and new sidewalks.

Invitation to Bid 15-08 for the northern segment was advertised in September and three bids were received on October 1, 2015. GS Construction, the contractor for the Mount Vernon Road water main project, submitted the lowest bid at \$1,846,477.50. Of the total bid amount, the city will be responsible for the paving cost of \$646,617.50 with the county reimbursing the city for the water main cost of \$1,199,860 in accordance with the Intergovernmental Agreement for this project.

**RECOMMENDED ACTION**

Staff recommends approval of a unit price contract with GS Construction, Inc. for an amount not to exceed \$1,846,477.50 plus a contingency of \$65,000 (10% of city's cost).

City of Dunwoody - ITB 15-08

Bid Form

Chamblee Dunwoody Road Water Main Replacement and Road Improvements- Roberts Drive to Womack Road

PAVING ITEMS	ITEM DESCRIPTION	QUANTITY	UNIT	GS Construction, Inc.		Kime Construction, Inc.		Site Engineering, Inc	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
<b>PAVING</b>									
150-1000	TRAFFIC CONTROL	1	LS	\$ 22,500.00	\$ 22,500.00	\$ 20,000.00	\$ 20,000.00	\$ 400,000.00	\$ 400,000.00
402-1802	RECYCLED ASPH CONC PATCHING, INCL BITUM MATL & H LIME	1,250	TN	\$ 150.00	\$ 187,500.00	\$ 185.00	\$ 231,250.00	\$ 200.00	\$ 250,000.00
402-1812	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	100	TN	\$ 112.50	\$ 11,250.00	\$ 180.00	\$ 18,000.00	\$ 200.00	\$ 20,000.00
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	2,500	TN	\$ 110.00	\$ 275,000.00	\$ 175.00	\$ 437,500.00	\$ 200.00	\$ 500,000.00
413-1000	BITUM TACK COAT	1,100	GL	\$ 6.90	\$ 7,590.00	\$ 15.00	\$ 16,500.00	\$ 10.00	\$ 11,000.00
432-0208	MILL ASPH CONC PVMT, 2 IN DEPTH	22,650	SY	\$ 4.75	\$ 107,587.50	\$ 8.00	\$ 181,200.00	\$ 10.00	\$ 226,500.00
652-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	35	EA	\$ 100.00	\$ 3,500.00	\$ 350.00	\$ 12,250.00	\$ 100.00	\$ 3,500.00
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	5,400	LF	\$ 1.00	\$ 5,400.00	\$ 5.00	\$ 27,000.00	\$ 4.00	\$ 21,600.00
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	8,800	LF	\$ 1.00	\$ 8,800.00	\$ 4.00	\$ 35,200.00	\$ 3.00	\$ 26,400.00
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	250	LF	\$ 10.00	\$ 2,500.00	\$ 10.00	\$ 2,500.00	\$ 10.00	\$ 2,500.00
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	2,200	LF	\$ 4.00	\$ 8,800.00	\$ 7.00	\$ 15,400.00	\$ 5.00	\$ 11,000.00
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	2,100	GLF	\$ 1.00	\$ 2,100.00	\$ 2.00	\$ 4,200.00	\$ 4.00	\$ 8,400.00
653-3502	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	1,450	GLF	\$ 1.00	\$ 1,450.00	\$ 2.00	\$ 2,900.00	\$ 4.00	\$ 5,800.00
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	330	SY	\$ 8.00	\$ 2,640.00	\$ 15.00	\$ 4,950.00	\$ 10.00	\$ 3,300.00
				<b>\$ 646,617.50</b>		<b>\$ 1,008,850.00</b>		<b>\$ 1,490,000.00</b>	

<b>WATER MAIN</b>									
150-1000	TRAFFIC CONTROL	1	LS	\$ 250,000.00	\$ 250,000.00	\$ 165,000.00	\$ 165,000.00	\$ 600,000.00	\$ 600,000.00
163-0001	EROSION CONTROL PER WATER MAIN DRAWINGS	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 10,000.00	\$ 10,000.00	\$ 100,000.00	\$ 100,000.00
441-0016	DRIVEWAY CONCRETE, 6IN THICK	30	SY	\$ 55.00	\$ 1,650.00	\$ 90.00	\$ 2,700.00	\$ 50.00	\$ 1,500.00
441-0104	CONCRETE SIDEWALK, 4 IN	70	SY	\$ 50.00	\$ 3,500.00	\$ 70.00	\$ 4,900.00	\$ 50.00	\$ 3,500.00
441-6216	CONCRETE CURB & GUTTER, 8 IN X 24 IN, TP	100	LF	\$ 18.00	\$ 1,800.00	\$ 30.00	\$ 3,000.00	\$ 50.00	\$ 5,000.00
500-3200	CONCRETE ENCASMENT, 12" THICK	28	CY	\$ 200.00	\$ 5,600.00	\$ 275.00	\$ 7,700.00	\$ 200.00	\$ 5,600.00
670-0001	FLOWABLE FILL (ABANDON WATERLINE AND GROUT FILL)	31	CY	\$ 500.00	\$ 15,500.00	\$ 300.00	\$ 9,300.00	\$ 500.00	\$ 15,500.00
670-106	WATER MAIN, 6" DIP	403	LF	\$ 80.00	\$ 32,240.00	\$ 100.00	\$ 40,300.00	\$ 252.00	\$ 101,556.00
670-108	WATER MAIN, 8" DIP	4,103	LF	\$ 90.00	\$ 369,270.00	\$ 175.00	\$ 718,025.00	\$ 250.00	\$ 1,025,750.00
670-1600	CUT & PLUG EXISTING WATER MAIN	6	EA	\$ 2,500.00	\$ 15,000.00	\$ 4,500.00	\$ 27,000.00	\$ 1,000.00	\$ 6,000.00
670-2003	AIR RELEASE VALVE ASSEMBLY & Vault	2	EA	\$ 7,500.00	\$ 15,000.00	\$ 11,500.00	\$ 23,000.00	\$ 4,000.00	\$ 8,000.00
670-206	GATE VALVE, 6H W/BOX & PAD	15	EA	\$ 1,000.00	\$ 15,000.00	\$ 2,300.00	\$ 34,500.00	\$ 1,200.00	\$ 18,000.00
670-2080	GATE VALVE, 8" W/BOX & PAD	5	EA	\$ 1,300.00	\$ 6,500.00	\$ 3,000.00	\$ 15,000.00	\$ 1,500.00	\$ 7,500.00
670-3066	TAPPING SLEEVE & VALVE ASSEMBLY, 6"X6"	2	EA	\$ 6,500.00	\$ 13,000.00	\$ 4,000.00	\$ 8,000.00	\$ 4,500.00	\$ 9,000.00
670-3086	TAPPING SLEEVE & VALVE ASSEMBLY,	1	EA	\$ 7,000.00	\$ 7,000.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00
670-3087	TAPPING SLEEVE & VALVE ASSEMBLY; 8u X 8"	2	EA	\$ 8,500.00	\$ 17,000.00	\$ 5,500.00	\$ 11,000.00	\$ 4,800.00	\$ 9,600.00
670-4000	FIRE HYDRANT ASSEMBLY (NO VALVE INCLUDED)	13	EA	\$ 3,500.00	\$ 45,500.00	\$ 3,900.00	\$ 50,700.00	\$ 3,000.00	\$ 39,000.00
670-4500	CONCRETE THRUST COLLAR, 6 IN PIPE OR SMALLER	1	EA	\$ 350.00	\$ 350.00	\$ 500.00	\$ 500.00	\$ 800.00	\$ 800.00
670-4510	CONCRETE THRUST COLLAR, 8 IN PIPE	16	EA	\$ 400.00	\$ 6,400.00	\$ 800.00	\$ 12,800.00	\$ 1,000.00	\$ 16,000.00
670-562	WATER SERVICE LINE, 3/4-INCH	200	LF	\$ 25.00	\$ 5,000.00	\$ 45.00	\$ 9,000.00	\$ 30.00	\$ 6,000.00
670-5010	WATER SERVICE LINE, 1-INCH	200	LF	\$ 29.00	\$ 5,800.00	\$ 48.00	\$ 9,600.00	\$ 40.00	\$ 8,000.00
670-5015	WATER SERVICE LINE, 1 1/2-INCH	200	LF	\$ 50.00	\$ 10,000.00	\$ 52.00	\$ 10,400.00	\$ 50.00	\$ 10,000.00
670-5020	WATER SERVICE LINE, 2-INCH	200	LF	\$ 55.00	\$ 11,000.00	\$ 55.00	\$ 11,000.00	\$ 55.00	\$ 11,000.00
670-9400	REPLACEMENT OF UNSUITABLE TRENCH MATERIAL	15	CY	\$ 100.00	\$ 1,500.00	\$ 50.00	\$ 750.00	\$ 100.00	\$ 1,500.00
670-9730	REPLACE EXISTING WATER MAIN, BOX, & CUSTOMER CUT OF VALVE & BOX	25	EA	\$ 350.00	\$ 8,750.00	\$ 850.00	\$ 21,250.00	\$ 1,000.00	\$ 25,000.00
670-974	REMOVE WATER MAIN (PROPERLY DISPOSE OF ASBESTOS CEMENT PIPES)	100	LF	\$ 100.00	\$ 10,000.00	\$ 95.00	\$ 9,500.00	\$ 150.00	\$ 15,000.00
670-9741	REMOVE EXISTING BACKFLOW PREVENTER, METER, AND VAULT	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 3,500.00	\$ 7,000.00	\$ 5,000.00	\$ 10,000.00

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**City of Dunwoody - ITB 15-08  
 Bid Form  
 Chamblee Dunwoody Road Water Main Replacement and Road Improvements- Roberts Drive to Womack Road**








PAVING ITEMS	ITEM DESCRIPTION	QUANTITY	UNIT	GS Construction, Inc.		Kime Construction, Inc.		Site Engineering, Inc	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
670.165	BACKFLOW PREVENTION DEVICE	2	EA	\$ 20,000.00	\$ 40,000.00	\$ 7,500.00	\$ 15,000.00	\$ 12,000.00	\$ 24,000.00
670.992	REMOVE EXISTING FIRE HYDRANT	5	EA	\$ 500.00	\$ 2,500.00	\$ 1,000.00	\$ 5,000.00	\$ 500.00	\$ 2,500.00
CSR	COORDINATED SITE RESTORATION	1	LS	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
SP-01	SUBSURFACE UTILTY ENGINEERING TEST HOLES OWNER DIRECTED SUE BETWEEN STA 33+00 TO STA 46+00	20	EA	\$ 2,000.00	\$ 40,000.00	\$ 2,000.00	\$ 40,000.00	\$ 2,000.00	\$ 40,000.00
				\$ 1,199,860.00		\$ 1,486,425.00		\$ 2,329,806.00	
<b>Bid Total</b>				\$ 1,846,477.50		\$ 2,495,275.00		\$ 3,819,806.00	

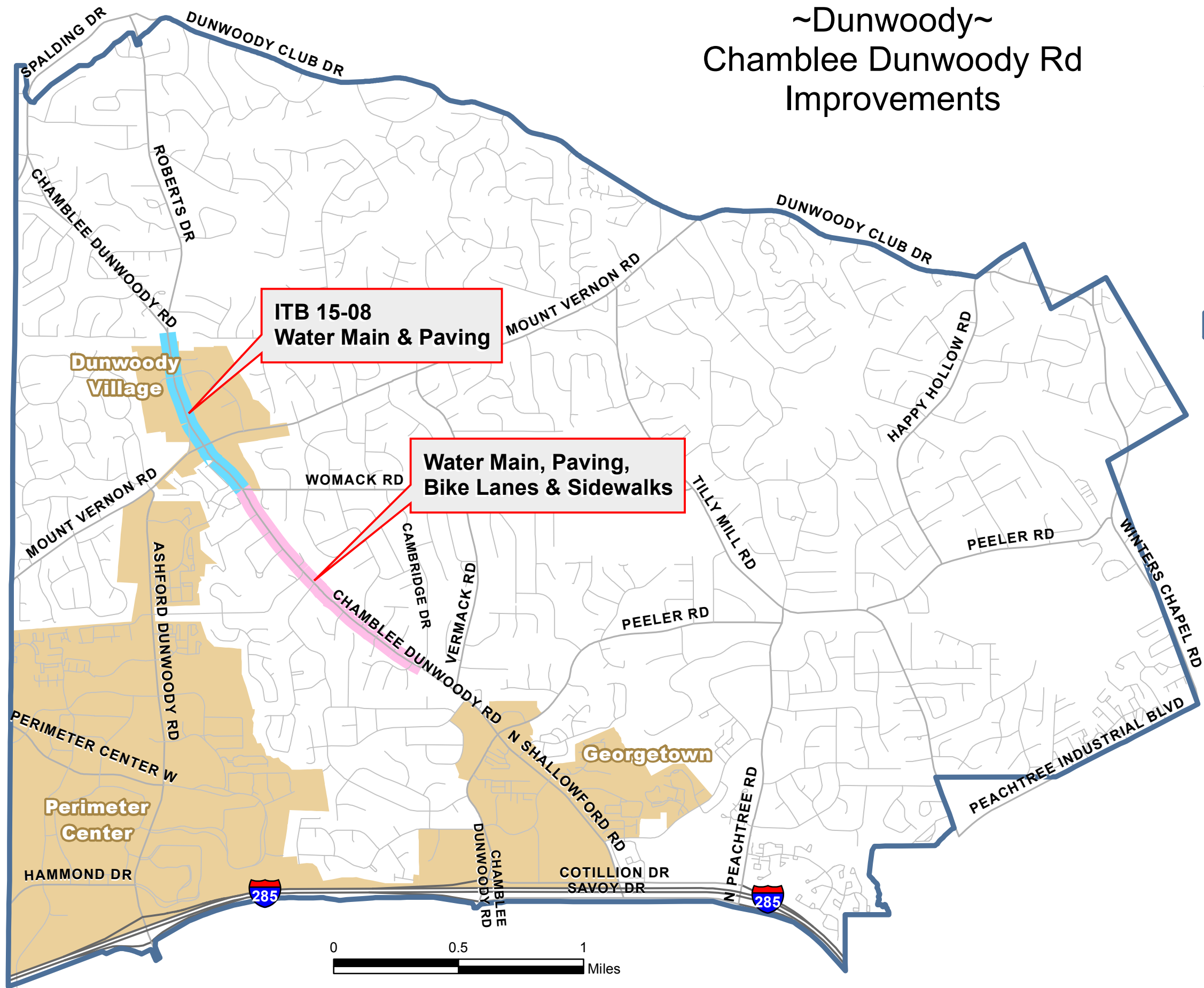
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# ~Dunwoody~ Chamblee Dunwoody Rd Improvements

### Legend

-  Interstate
-  Major Road
-  Local Road
-  Roberts Dr to Womack Rd
-  Womack Rd to Cambridge Dr
-  LCI Area
-  Dunwoody City Limits



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**Dunwoody\***  
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 678-382-6850 ~ www.dunwoodyga.gov

Date: 10/8/2015

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