
MEMORANDUM

To: Mayor and City Council

From: Michael Smith, Director of Public Works

Date: 4/8/2013

Subject: **Discussion of 2103 Full Depth Reclamation and Paving Contract**

ITEM DESCRIPTION

Discussion of 2103 Full Depth Reclamation and Paving Contract

BACKGROUND

At the March City Council meeting, the attached list of streets was recommended for paving in 2013. Subsequently, the Public Works staff evaluated each street to determine the best strategies for resurfacing and develop bid documents. Based on the extent of deterioration and lack of adequate pavement thickness, the following streets were recommended for full depth reclamation:

- Mill Race Court
- Vermack Court
- Redfield Lane
- Redfield Drive

Full depth reclamation is a process whereby the existing pavement is completely pulverized and mixed with the underlying soil. Cement is added to the soil-aggregate mixture to form a stabilized base which is overlain with new asphalt pavement.

An Invitation to Bid (ITB 13-02) was advertised in March and six bids were received with Blount Construction submitting the lowest bid at \$214,767.10. A tabulation of the bids is attached to this memo.

Additional evaluation after bids had been issued suggested that Coronation Court and Dunwoody Park North would also be good candidates for full depth reclamation. Based on the unit price bids the additional cost of these two streets would be \$55,000.

RECOMMENDED ACTION

Staff respectfully requests that Council: (1) award a unit price contract to Blount Construction, (2) authorize staff to provide funding for the contract; and (3) authorize the City Manager to execute the necessary documents following satisfactory review by legal counsel.



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ITB 13-02: 2013 FULL DEPTH RECLAMATION AND PAVING

Bid Schedule Redfield Lane, Redfield Drive, Mill Race Court and Vermack Court

GDOT Pay Item	Description	Blount Construction Company Inc				Shepco Paving, Inc				Allied Paving Contractors, Inc			
		UOM	QTY	Unit Price	Total	UOM	QTY	Unit Price	Total	UOM	QTY	Unit Price	Total
150-1000	Traffic Control	LS	1	\$ 1,000.00	\$ 1,000.00	LS	1	\$ 7,000.00	\$ 7,000.00	LS	1	\$ 7,500.00	\$ 7,500.00
210-0250	Undercut Excavation*	CY	100	\$ -	\$ -	CY	100	\$ 20.00	\$ 2,000.00	CY	100	\$ 52.50	\$ 5,250.00
301-2160	Soil-Cement Stabilized Base Course 8 inches	SY	12,176	\$ 5.85	\$ 71,229.60	SY	12,176	\$ 7.85	\$ 95,581.60	SY	12,176	\$ 8.00	\$ 97,408.00
301-5000	Portland Cement thoroughly mixed to a depth of 10 inches and compacted	TN	305	\$ 107.50	\$ 32,787.50	TN	305	\$ 123.00	\$ 37,515.00	TN	305	\$ 130.00	\$ 39,650.00
402-3100	Recycled Asphalt Concrete 9.5 MM including Bituminous Material and H-Lime	TN	1,350	\$ 70.00	\$ 94,500.00	TN	1,350	\$ 81.00	\$ 109,350.00	TN	1,350	\$ 72.50	\$ 97,875.00
611-8050	Adjust Manhole to Grade	EA	15	\$ 950.00	\$ 14,250.00	EA	15	\$ 300.00	\$ 4,500.00	EA	15	\$ 825.00	\$ 12,375.00
	Private Utility Location	LS	1	\$ 1,000.00	\$ 1,000.00	LS	1	\$ 1,500.00	\$ 1,500.00		1	\$ 2,625.00	\$ 2,625.00
		SUBTOTAL		\$	214,767.10	SUBTOTAL		\$	257,446.60	SUBTOTAL		\$	262,683.00
		BID TOTAL		\$	214,767.10	BID TOTAL		\$	257,446.60	BID TOTAL		\$	262,683.00

Bid Schedule Redfield Lane, Redfield Drive, Mill Race Court and Vermack Court

GDOT Pay Item	Description	Baldwin Paving Company				Stewart Brothers, Inc.				East Coast Grading, Inc.			
		UOM	QTY	Unit Price	Total	UOM	QTY	Unit Price	Total	UOM	QTY	Unit Price	Total
150-1000	Traffic Control	LS	1	\$ 3,689.39	\$ 3,689.39	LS	1	\$ 12,525.00	\$ 12,525.00	LS	1	\$ 10,000.00	\$ 10,000.00
210-0250	Undercut Excavation*	CY	100	\$ 52.59	\$ 5,259.00	CY	100	\$ 124.00	\$ 12,400.00	CY	100	\$ 100.00	\$ 10,000.00
301-2160	Soil-Cement Stabilized Base Course 8 inches	SY	12,176	\$ 6.47	\$ 78,778.72	SY	12,176	\$ 4.39	\$ 53,452.64	SY	12,176	\$ 3.90	\$ 47,486.40
301-5000	Portland Cement thoroughly mixed to a depth of 10 inches and compacted	TN	305	\$ 103.95	\$ 31,704.75	TN	305	\$ 206.70	\$ 63,043.50	TN	305	\$ 250.00	\$ 76,250.00
402-3100	Recycled Asphalt Concrete 9.5 MM including Bituminous Material and H-Lime	TN	1,350	\$ 80.88	\$ 109,188.00	TN	1,350	\$ 78.44	\$ 105,894.00	TN	1,350	\$ 84.00	\$ 113,400.00
611-8050	Adjust Manhole to Grade	EA	15	\$ 1,575.00	\$ 23,625.00	EA	15	\$ 804.00	\$ 12,060.00	EA	15	\$ 650.00	\$ 9,750.00
	Private Utility Location	LS	1	\$ 3,150.00	\$ 3,150.00	LS	1	\$ 5,720.00	\$ 5,720.00		1	\$ 4,000.00	\$ 4,000.00
		SUBTOTAL		\$	255,394.86	SUBTOTAL		\$	265,095.14	SUBTOTAL		\$	270,886.40
		BID TOTAL		\$	255,394.86	BID TOTAL		\$	265,095.14	BID TOTAL		\$	270,886.40

* Undercut Excavation pay item as needed for unseen conditions

ATTACHMENT "A"

5-YEAR CAPITAL PAVING PLAN

Street	From	To	Length (feet)	Strategy	Estimated Cost	Cumulative by Year	Notes
2013							
CHAMBLEE DUNWOODY	CAMBRIDGE DR	VALLEY VIEW DR	3277	Mill, Patch and Overlay 1.5"	\$ -	\$ -	
CHAMBLEE DUNWOODY	WOMACK RD	ROBERTS DR	3997	Mill, Patch and Overlay 2"	\$ -	\$ -	
MOUNT VERNON RD	NANDINA LN	CHAMBLEE DUNWOODY	366	Mill, Patch and Overlay 2.5"	\$ -	\$ -	
MOUNT VERNON RD	CHAMBLEE DUNWOODY	VERNON OAKS DR	4209	Mill, Patch and Overlay 1.5"	\$ -	\$ -	
N PEACHTREE RD	COTILLION DR	BROOKHURST DR	1297	Mill, Patch and Overlay 2.5"	\$ 116,000	\$ 116,000	Moved up from 2014
DUNWOODY PARK	CHAMBLEE DUNWOODY	N SHALLOWFORD RD	2257	Mill, Patch and Overlay 2"	\$ 132,000	\$ 248,000	Moved up from 2015
DUNWOODY PARK N	DUNWOODY PARK	END	644	Mill, Patch and Overlay 2"	\$ 38,000	\$ 286,000	Moved up from 2015
VERMACK RD	PARLIAMENT DR	VERMACK CT	4379	Mill, Patch and Overlay 1.5"	\$ 217,000	\$ 503,000	Moved up from 2014
VERMACK CT	VERMACK RD	END	1066	Deep Patch and Pave	\$ 52,000	\$ 555,000	Moved up from 2014
PERIMETER CENTER PL	PERIMETER CENTER W	MEADOW LANE RD	1911	Mill, Patch and Overlay 2.5"	\$ 238,000	\$ 793,000	
CROWN POINTE PKWY	MEADOW LANE RD	PERIMETER CENTER W	1211	Mill, Patch and Overlay 1.5"	\$ 68,000	\$ 861,000	
MEADOW LANE RD	ASHFORD DUNWOODY	CROWN POINTE PKWY	2099	Mill, Patch and Overlay 2.5"	\$ 239,000	\$ 1,100,000	
PEACHFORD RD	DUNBAR DR	N PEACHTREE RD	2085	Mill, Patch and Overlay 1.5"	\$ 112,000	\$ 1,212,000	
SPALDING DR	CHAMBLEE DUNWOODY	WELDSTONE CT	1373	Mill, Patch and Overlay 3"	\$ 105,000	\$ 1,317,000	
REDFIELD LN	REDFIELD DR	END	1050	Deep Patch and Pave	\$ 53,000	\$ 1,370,000	
REDFIELD DR	REDFIELD RD	REDFIELD LN	1472	Deep Patch and Pave	\$ 66,000	\$ 1,436,000	
REDFIELD CIR	REDFIELD LN	END	858	Deep Patch and Pave	\$ 33,000	\$ 1,469,000	
MILL GATE CT	BEND CREEK RD	END	462	Deep Patch and Pave	\$ 17,000	\$ 1,486,000	
MILL RACE CT	MILL TRACE DR	END	373	Deep Patch and Pave	\$ 22,000	\$ 1,508,000	
MILL SHIRE LN	DUNWOODY CLUB DR	MILL GLEN DR	1109	Deep Patch and Pave	\$ 37,000	\$ 1,545,000	
MILL TRACE DR	DUNWOODY CLUB DR	BEND CREEK DR	3072	Deep Patch and Pave	\$ 95,000	\$ 1,640,000	
TROWBRIDGE DR	EAST END	BALL MILL RD	2116	Deep Patch and Pave	\$ 58,000	\$ 1,698,000	#REF!
TROWBRIDGE COVE	TROWBRIDGE DR	END	493	Deep Patch and Pave	\$ 20,000	\$ 1,718,000	
TAMWORTH CT	TROWBRIDGE DR	END	1030	Deep Patch and Pave	\$ 42,000	\$ 1,760,000	
ASHMONT CT	MOUNT VERNON RD	END	508	Deep Patch and Pave	\$ 18,000	\$ 1,778,000	
CHATEAU DR	CHAMBLEE DUNWOODY	N SPRINGS DR	3718	Deep Patch and Pave	\$ 137,000	\$ 1,915,000	Moved up from 2015
LITTLEBROOKE CT	LITTLEBROOKE DR	END	297	Deep Patch and Pave	\$ 13,000	\$ 1,928,000	Moved up from 2015
VINTAGE LN	HUNTINGTON CI	END	343	Deep Patch and Pave	\$ 15,000	\$ 1,943,000	Moved up from 2015
AURORA LN	AURORA CT	CORONATION CT	482	Deep Patch and Pave	\$ 16,000	\$ 1,959,000	Moved up from 2016
AURORA CT	ROBERTS DR	END	1214	Deep Patch and Pave	\$ 46,000	\$ 2,005,000	Moved up from 2016
CORONATION CT	CORONATION DR	END	396	Deep Patch and Pave	\$ 18,000	\$ 2,023,000	Moved up from 2016
CORONATIONI DR	SPALDING DR	END	2406	Deep Patch and Pave	\$ 86,000	\$ 2,109,000	Moved up from 2016
FOUR OAKS DR	END	END	1851	Deep Patch and Pave	\$ 80,000	\$ 2,189,000	Moved up from 2016
FOUR OAKS CT	PEELER RD	END	739	Deep Patch and Pave	\$ 39,000	\$ 2,228,000	Moved up from 2016
STRATHAM DR	MOUNT VERNON RD	END	1304	Deep Patch and Pave	\$ 38,000	\$ 2,266,000	Moved up from 2014
Bike Lanes Spalding Drive					\$ -	\$ 2,266,000	
Crack Sealing TBD					\$ 20,000	\$ 2,286,000	
Contingency					7%	\$ 184,000	
2013 Total					\$	\$ 2,470,000	