



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: January 28, 2019

Subject: **Approval of a Contract Extension with Blount Construction for 2019 Pavement Resurfacing**

ITEM DESCRIPTION

Approval of a contract extension with Blount Construction in the amount of \$3,235,000 plus a 10% contingency for 2019 pavement resurfacing.

BACKGROUND

In 2018, the city advertised an annual, unit price paving contract with optional renewal years for 2019 and 2020. The multi-year bid was designed to minimize the impact of expected paving cost inflation. Increases in state and local spending on transportation projects has created a high demand for paving contractors. In the bidding process, the city provided a list of roads anticipated to be paved in each of the three years and the estimated paving quantities. The contractors provided line item unit prices for each year and the low bid was established based on the total 3-year cost. The contract was structured so that unit prices for 2019 and 2020 could be adjusted for material cost inflation using the Georgia Department of Transportation's (GDOT's) asphalt price index, which is calculated based on a survey of asphalt prices each month.

SCOPE CHANGES

In the original bid, Tilly Mill Road north of North Peachtree Road was included in the list of roads to be paved in 2019. However, the paving needs to be postponed for the segment between North Peachtree Road and Womack until new curb and drainage is added as part of the sidewalk project. The final few easements are in the process of being acquired for the sidewalk project. Construction is expected to begin later this year but may not be far enough along for the paving to be completed in 2019. As a result, this section of Tilly Mill Road will be moved to the 2020 paving list and replaced with the following roads based on the most recent pavement ratings completed in 2018:

Roads to Replace Tilly Mill Road in 2019 Paving Program

Hallford Drive	Hallford Court	Howland Court
Lakeland Woods Court	Meadowcreek Drive	Meadowcreek Lane
Mill Stream Court	Oakhurst Walk	Springside Pointe
Springvale Circle	Village Springs Run	Valley View Manor
Wickenby Court	Wyntercreek Ct	Wyntercreek Way



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

Additionally, Kent Avenue in Dunwoody Green was deferred from 2018 to 2019 so that most of the new houses under construction could be completed before the final coat of paving was placed on that street.

At the completion of the 2019 paving, the city will have paved 60% of its centerline miles in 10 years.

PROJECT COSTS

With the proposed scope changes, the traffic control cost has decreased by approximately \$4,000 from the original bid for 2019, while the quantities for several line items have increased. Similar to the allowance for price adjustment based on the asphalt index, the Portland cement line item has increased by \$2,400 due to material price increases from the cement supplier. Also, asphalt unit prices have been increased by \$2 per ton due to trucking cost increases. The net effect of the unit price adjustments is a 1% increase in the total contract amount based on the quantities specified. Per the contract, the actual asphalt unit price will be adjusted monthly based on the most recent GDOT asphalt index.

The amount of the proposed contract extension for 2019 is \$3,235,167.96. The contract amount plus a 10% contingency, construction management fee and quality control testing is within the budget available for paving.

Provided there is surplus contingency funds and the contractor has the capacity for additional work, the following roads are proposed to be added to the 2019 paving program:

Roads to Add to the 2019 Paving Program as Resources Allow

Dunwoody Club Drive from Happy Hollow Road to Gwinnett County Line
Ashley Trace from Dunwoody Club Drive to End

These roads are not included in the total cost of the proposed contract amendment.

RECOMMENDED ACTION

Staff recommends that Council: (1) approve the contract extension with Blount Construction; (2) authorize staff to provide funding for the construction, plus a 10% contingency; and (3) authorize the City Manager to execute the necessary documents following satisfactory review by legal counsel.

Pricing Schedule 2019 Street Resurfacing (Revised Quantity)

GDOT Pay Item	Description	UOM	QTY ORIG	Unit Price	Total	Comments
150-1000	Traffic Control	LS	1	\$127,205.46	\$127,205.46	Delete work for Tilly Mill Rd and add 16 subdivision streets
210-0250	Undercut Excavation – 6 to 12 inch depth to be used as needed	CYD	100	\$72.00	\$7,200.00	
301-2160	Soil-Cement Stabilized Base Course 8 Inches	SY	16,500	\$10.00	\$165,00.00	Mixed to a depth of 10 inches below edge of gutter and compacted to at least 98 percent of the standard Proctor maximum dry density. A Job Mix Formula will be provided for each street
301-5000	Portland Cement	TN	300	\$166.25	\$49,875.00	Price revised per contract extension agreement
301-0000	Portland Cement Baseline	TN	1	xxxxxxxxxx	XXXXXXXXXXXXX	Per General Note 27
402-1802	Recycled Asphalt Concrete Patching Incl Bituminous Material & H Lime	TN	*6,275	\$126.50	\$793,787.50	Price revised per contract extension agreement
402-3103	Recycled Asphalt Concrete 9.5 MM Superpave Type 2 GP 2 only, including Bituminous Material and H-Lime	TN	*11,600	\$93.75	\$1,087,500.00	Price revised per contract extension agreement
407-0010	Asphalt-Rubber Joint and Crack Seal, TP M	LB	15,000	\$3.00	\$45,000.00	
413-1000	Bituminous Tack Coat	GL	*12,000	\$2.30	\$27,600.00	
415-5000	Open Graded Crack Interlayer	TN	*4,200	\$104.25	\$437,850.00	Price revised per contract extension agreement

GDOT Pay Item	Description	UOM	QTY ORIG	Unit Price	Total	Comments
432-0206	Mill Asphaltic Concrete Pavement, 1.5 in. depth	SY	*32,500	\$3.25	\$105,625.00	
432-5010	Mill Asphaltic Concrete Pavement, Variable Depth	SY	*55,500	\$2.25	\$124,875.00	Curb Milling
611-8050	Adjust Manhole to Grade	EA	*205	\$950.00	\$194,750.00	
611-8140	Adjust Water Valve to Grade	EA	10	\$115.00	\$1,150.00	
653-1804	Thermoplastic, Solid Traffic Stripe, 8-INCH, White	LF	1,250	\$2.60	\$3,250.00	
001-2000	Speed Tables	EA	*15	\$3,500.00	\$52,500.00	Valley View Rd Sandell Dr, and Meadowcreek Dr
001-3000	Private Utility Location, per street	EA	4	\$3,000.00	\$12,000.00	

*Indicates a Change in Quantity

Total for 2019 Street Resurfacing ___\$3,235,167.96_____Dollars