

Office of the City Manager

City of Richland Hills, Texas

Memorandum

To: Honorable Mayor Bill Agan and members of the Richland Hills City Council
From: Scott Mitchell, Director of Neighborhood Services
Date: January 8, 2018
Subject: Consideration of Interlocal Agreement with Tarrant County for Shared Re-Construction of Poppelwell Street

Council Action Requested:

Consider an Interlocal Agreement with Tarrant County for shared re-construction costs of Poppelwell Street from Boulevard 26 to Brooks Avenue.

Background Information:

The Texas Government Code (791.001 – 791.029) allows counties and cities to enter into shared cost agreements for the rehabilitation of primary and secondary feeder roads for the benefit of the public.

This agreement stipulates the County will provide labor and equipment needed to assist the City in completing the project. The City will furnish and pay for actual cost of materials as well as half of the fuel used to construct the project. The City also agrees to adjust all utilities, manholes and valve boxes for the project. Engineering, survey and any laboratory testing is also the responsibility of the city.

This project was originally planned for FY 2016, but due to budgetary impacts from the loss of street revenue from the Fort Worth Transit Authority, the project was delayed. Funds have been budgeted in FY 17-18 to complete this project. The southern portion of the street was re-built in 2014. Actual construction will occur sometime this summer as coordinated with Tarrant County.

Board/Citizen Input: N/A

Financial Impact: \$122,717.78

Staff Contacts

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City Manager

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Attachments:

Inter-local Agreement with Tarrant County

Popplewell
(City of Richland Hills)

11/26/2017

Limits: Brooks to SH 26

Existing Condition: Pavement has moderate longitudinal crackng, alligator cracking, base failures and patching. High Crown from previous overlay. Fair - Good ride. 27.5 ft wide, C&G.

Scope Of Work: Remove approx 3 inches of existing material, stabilize the recycled material (eight inches), regrade, place two-inch HMAC surface. Clean jobsite. Stripe.

Project Size:	Roadway Length (lf):	3,650 lf							
	Stabilization Width (ft) :	27.5 ft				Stab Area :	11,153 sy		
	Binder Width (ft):	27.5 ft				Binder Area:	11,153 sy		
	Surface Width (ft):	27.5 ft				Surface Area:	11,153 sy		
	Additional Areas (sy):	sy							

Estimate:											
Roadway Materials:											
	Sq Yds	Rate/SY		Cost		Estimate		Final		\$ Estimate	\$ Final
Cemlime (8")	11,153	28 lb/sy	\$ 172.00	\$/tn		156.14	tn		tn	\$ 26,855.89	
Prime (60/40 AEP)	11,153	0.20 gal/sy	\$ 1.96	\$/gal		2231	gal		gal	\$ 4,371.89	
Tack Coat (2 coats)	11,153	0.20 gal/sy	\$ 3.25	\$/gal		2231	gal		gal	\$ 7,249.31	
HMAC (2")	11,153	0.11 tn/sy	\$ 57.87	\$/tn		1227	tn		tn	\$ 70,995.24	
						Subtotal				\$ 109,472.32	
Misc Cost											
Mill & Remov Spoils (City)										CITY	
Fuel Cost Estimate			50% Actual			\$ 2,850				\$ 1,425.00	
Tabs			0.5	\$/ea		\$ 365				\$ 182.50	
Stripe			0.033	\$/lf		\$ 14,600				\$ 481.80	
			Materials + Misc Cost							\$ 111,561.62	
			10% Contingency							\$ 11,156.16	
			Total:							\$122,717.78	

Material cost based on Sept 2017 pricing.

Construction Time Estimate: 15 days

Comments:
 City will responsible for all traffic control required to construct this project.
 City will adjust all utilities and manholes/valves for this project.
 City will provide a nearby disposal area for spoils .
 City will provide a hydrant meter and all water for this project.
 City will provide material for backfilling edges.
 Estimated stabilization rate of 28# , 8 inches deep based on past projects.

Estimated Cost to Mill the project:(11,153 sy @2. \$/sy + \$ 200 Mob = \$22,505.56

