

Sunset Road
(City of North Richland Hills)

12/1/2022
J. Stubblefield

Limits: Mid Cities Blvd to Rufe Snow Rd.

Existing Conditions: lots of alligator cracking and sunken areas. Existing patches. C&G and Speed Humps

Scope of Work: County will reclaim and stabilize the existing road (12 inches deep) w/ 42 lbs/sy stabilization agent (Cement or Cem-Lime Slurry) The City will remove 4 inches of exposed roadway. Then the county will lay 2 inches of HMAC Ty "B" intermediate course and 2 inches of HMAC Ty"D" surface, clean job site.

Project Size: Roadway Length (lf): 2,075 lf
 Stabilization Width (ft): 27 ft
 Binder Width (ft): 27 ft
 Surface Width (ft): 27 ft
 Additional Areas (sy): 558 sy cul-de-sac

Stab Area: 6,783 sy
 Binder Area: 6,783 sy
 Surface Area: 6,783 sy

Estimate:	Sq Yds	Rate/SY	Cost	Estimate	Final	\$ Estimate	\$ Final
Cement Slurry (12")	6,783	42 lb/sy	\$ 257.20	142 tn	tn	\$ 36,636.34	\$ -
Prime (30/70 AEP)	6,783	0.15 gal/sy	\$ 2.75	1017 gal	gal	\$ 2,797.99	\$ -
Tack Coats	13,566	0.10 gal/sy	\$ 2.76	1357 gal	gal	\$ 3,744.22	\$ -
HMAC Binder (2")	6,783	0.11 tn/sy	\$ 73.83	746 tn	tn	\$ 55,086.78	\$ -
HMAC (2")	6,783	0.110 tn/sy	\$ 78.83	746 tn	tn	\$ 58,817.43	\$ -
				Subtotal		\$ 157,082.75	\$ -
Misc Cost							
Fuel Cost Estimate		50%				\$ 2,775.00	
Overtime (Watering)						\$ 750.00	
Milling (City Contractor)						\$22,383.90	\$ -
						\$ 182,991.65	
						\$ 18,299.16	
						\$201,290.81	\$ -
Material cost based on Dec 2022 pricing. Subject to Change.						16 days	
Construction Time Estimate:							

Comments:
 City will pay for all traffic control cost associated with 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.

Estimated Cost to Mill the project: 6,783 SY @ 3.3 \$/sy + \$ Mob = \$22,383.90