

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 | \$ - |
| Misc Cost | | | | Subtotal | | \$ 157,082.75 | \$ - |
| Fuel Cost Estimate | | 50% | | \$ 5,550 | | \$ 2,775.00 | |
| Overtime (Watering) | | | | | | \$ 750.00 | |
| Milling (City Contractor) | | | | | | \$22,383.90 | \$ - |
| | | | | | | \$ 182,991.65 | |
| | | | | | | \$ 18,299.16 | |
| | | | | | | \$201,290.81 | \$ - |
| Construction Time Estimate: | | | | | | 16 days | |

Material cost based on Dec 2022 pricing. Subject to Change.

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