

**Bursey Road**  
(City of North Richland Hills)

8/9/2023  
John Stubblefield

**Limits: From Bursey Road South (at concrete transition) to Hunter Lane (at concrete transition)**

**Existing Conditions:** Road has sporadic cracking with existing patches and crack seal, showing some signs of base failure. C&G

**Scope of Work:**

County will reclaim and stabilize the existing road base(12 inches deep) w/ 42 lbs/sy cement slurry. City will mill and remove 4 inches material. County will place 2 inches TY B HMAC and 2 inches TY D HMAC. clean job site.

**Project Size:** Roadway Length (lf): 2,021 lf  
 Stabilization Width (ft) : 45 ft  
 Binder Width (ft): 45 ft  
 Surface Width (ft): 45 ft  
 Additional Areas (sy): 0 sy

Stab Area : 10,105 sy  
 Binder Area : 10,105 sy  
 Surface Area: 10,105 sy

<b>Estimate:</b>											
<b>Roadway Materials:</b>											
	Sq Yds	Rate/SY		Cost		Estimate		Final		\$ Estimate	\$ Final
Cement Slurry (12")	10,105	42 lbs/sy		\$ 267.00	\$/tn	212	tn	tn		\$ 56,658.74	\$ -
Prime (30/70) AEP)	10,105	0.10 gal/sy		\$ 2.75	\$/gal	1011	gal	gal		\$ 2,778.88	\$ -
Tack Coat	20,210	0.08 gal/sy		\$ 2.76	\$/gal	1617	gal	gal		\$ 4,462.37	\$ -
HMAC "B" (pick up)	0	0.000 tn/sy		\$ 65.00	\$/tn	0	tn	tn		\$ -	\$ -
HMAC "B" (2")(Frac RAP)	10,105	0.110 tn/sy		\$ 74.58	\$/tn	1112	tn	tn		\$ 82,899.40	\$ -
HMAC "D" (pick up)	0	0.000 tn/sy		\$ 70.00	\$/tn	0	tn	tn		\$ -	\$ -
HMAC "D" (2")(Frac RAP)	10,105	0.110 tn/sy		\$ 79.58	\$/tn	1112	tn	tn		\$ 88,457.15	\$ -
Backfill Edges	4,042	0.0125 cy/lf		\$ -	\$/cy	51	cy	cy		\$ -	\$ -
						Subtotal				\$ 235,256.526	\$ -
<b>Misc Cost</b>											
Tabs	2,021	2 per 40 ft	ea	\$0.46	ea	101				\$ 46.48	\$ -
Fuel Cost Estimate		50%				\$ 6,200				\$ 3,100.00	\$ -
Overtime (Watering)										\$ 1,500.00	
Striping				0.062		8,084	lf			\$ 501.21	
Milling (City Contractor)										\$ 33,366.50	\$ -
										\$ 273,770.72	\$ -
										\$ 27,377.07	
										\$301,147.79	\$0.00

Material Pricing as of 10/1/2023 Subject to Change

Construction Time Estimate: 22 days

**Comments:**

Asphalt Pricing Quoted BY Reynolds Asphalt CO.

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 storage/disposal area for spoils .  
 City will provide a hydrant meter and all water for this project.  
 City will provide material for backfilling edges.

Estimated Cost to Mill the project:(4, 10,105 sy @3.3 \$/sy + \$ 20 Mob = \$ 33,366.50

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9/9/2022

<b>Activity</b>	<b>Quantity</b>	<b>Rate</b>		<b>Days</b>	<b>\$ Fuel / Day</b>	<b>Fuel Cost</b>
Locate Utilities				2	\$ 100	\$ 200
Stabilize	212	30	tn/day	8	\$ 450	\$ 3,600
Tight Blade & Prep	10,105	4,000	sy/day	3	\$ 300	\$ 900
Lay Binder	1,112	500	tn/day	3	\$ 400	\$ 1,200
Lay Surface	1,112	500	tn/day	3	\$ 400	\$ 1,200
Backfill Edges	4,042	2500	lf/day	2	\$ 250	\$ 500
Clean Up				1	\$ 100	\$ 100
				22		\$ 7,700