

Bear Creek Parkway
(City of Keller)

8/9/2023
John Stubblefield

Limits: Whitley/Elm St. to Rufe Snow Drive

Existing Conditions: Road has cracking issues and several areas of apparent sub grade failures with existing crack seal and asphalt repairs. 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): 5,671 lf
 Stabilization Width (ft): 35 ft
 Binder Width (ft): 35 ft
 Surface Width (ft): 35 ft
 Additional Areas (sy): 0 sy cul-de-sac

Stab Area : 22,054 sy
 Binder Area : 22,054 sy
 Surface Area: 22,054 sy

Estimate:											
Roadway Materials:											
	Sq Yds	Rate/SY		Cost		Estimate		Final		\$ Estimate	\$ Final
Cement Slurry (12")	22,054	42	lbs/sy	\$ 267.00	\$/tn	463	tn	tn	\$	123,656.16	\$ -
Prime (30/70) AEP)	22,054	0.10	gal/sy	\$ 2.75	\$/gal	2205	gal	gal	\$	6,064.82	\$ -
Tack Coat	44,108	0.08	gal/sy	\$ 2.76	\$/gal	3529	gal	gal	\$	9,739.00	\$ -
HMAC "B" (pick up)	0	0.000	tn/sy	\$ 65.00	\$/tn	0	tn	tn	\$	-	\$ -
HMAC "B" (2")(Frac RAP)	22,054	0.110	tn/sy	\$ 75.08	\$/tn	2426	tn	tn	\$	182,138.66	\$ -
HMAC "D" (pick up)	0	0.000	tn/sy	\$ 70.00	\$/tn	0	tn	tn	\$	-	\$ -
HMAC "D" (2")(Frac RAP)	22,054	0.110	tn/sy	\$ 80.08	\$/tn	2426	tn	tn	\$	194,268.30	\$ -
Backfill Edges	11,342	0.0125	cy/lf	\$ -	\$/cy	142	cy	cy	\$	-	\$ -
						Subtotal			\$	515,866.926	\$ -
Misc Cost											
Tabs	5,671	2 per 40 ft	ea	\$0.46	ea	284			\$	130.43	\$ -
Fuel Cost Estimate		50%				\$ 6,200			\$	3,100.00	\$ -
Overtime (Watering)									\$	1,500.00	\$ -
Striping				0.062		22.684	lf		\$	1,406.41	\$ -
Milling (City Contractor)									\$	72,797.83	\$ -
									\$	594,801.60	\$ -
									\$	59,480.16	\$ -
									\$	654,281.76	\$0.00

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

Construction Time Estimate:

40 days

Comments:

Asphalt Pricing Quoted By
Reynolds Asphalt

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) 22,054 sy @3.3 \$/sy + \$ 20 Mob = \$ 72,797.83

Spring Branch Drive
(City of Keller)

8/9/2023
John Stubblefield

Limits: From Oak Valley Drive to cul-de-sac

Existing Conditions: Road has cracking issues and substantial sub grade failures. 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):	345	lf							
	Stabilization Width (ft):	27	ft			Stab Area :	1,538	sy		
	Binder Width (ft):	27	ft			Binder Area :	1,538	sy		
	Surface Width (ft):	27	ft			Surface Area:	1,538	sy		
	Additional Areas (sy):	503	sy	cul-de-sac						

Estimate:											
Roadway Materials:											
	Sq Yds	Rate/SY		Cost		Estimate		Final		\$ Estimate	\$ Final
Cement Slurry (12")	1,538	42	lbs/sy	\$ 267.00	\$/tn	32	tn	tn	\$	8,623.57	\$ -
Prime (30/70) AEP)	1,538	0.10	gal/sy	\$ 2.75	\$/gal	154	gal	gal	\$	422.95	\$ -
Tack Coat	3,076	0.08	gal/sy	\$ 2.76	\$/gal	246	gal	gal	\$	679.18	\$ -
HMAC "B" (pick up)	0	0.000	tn/sy	\$ 65.00	\$/tn	0	tn	tn	\$	-	\$ -
HMAC "B" (2")(Frac RAP)	1,538	0.110	tn/sy	\$ 75.08	\$/tn	169	tn	tn	\$	12,702.03	\$ -
HMAC "D" (pick up)	0	0.000	tn/sy	\$ 70.00	\$/tn	0	tn	tn	\$	-	\$ -
HMAC "D" (2")(Frac RAP)	1,538	0.110	tn/sy	\$ 80.08	\$/tn	169	tn	tn	\$	13,547.93	\$ -
Backfill Edges	690	0.0125	cy/lf	\$ -	\$/cy	9	cy	cy	\$	-	\$ -
						Subtotal			\$	35,975.666	\$ -
Misc Cost											
Tabs	345	2 per 40 ft	ea	\$0.46	ea	17			\$	7.94	\$ -
Fuel Cost Estimate		50%				\$ 6,200			\$	3,100.00	\$ -
Overtime (Watering)									\$	1,500.00	
Striping				0.062		1,380	lf		\$	85.56	
Milling (City Contractor)									\$	5,095.40	\$ -
									\$	45,764.56	\$ -
									\$	4,576.46	
									\$	50,341.02	\$0.00

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

Construction Time Estimate:

9 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; 1,538 sy @3.3 \$/sy + \$ 20 Mob = \$ 5,095.40