

ENGINEER'S ESTIMATE OF COST.

Miles 1 to 4 Inclusive of SECTION "A", TULSA COUNTY STATE HIGHWAYS.

To the Honorable County Commissioners,
Tulsa County, Oklahoma.

Gentlemen:--

We, the undersigned, do hereby submit the following estimate of cost, for the paving and otherwise improving, according to the plans and specifications, etc Miles 1 to 4 Inclusive of Section S, Tulsa County State Highways.

I T E M I Z E D P R O P O S A L S.

ITEM NO.	APPROXIMATE QUANTITIES	ITEMS WITH UNIT ESTIMATE OF COST WRITTEN IN WORDS	UNIT COSE ESTIMATE	AMOUNT
1.	10,000	Earth Excavation for Forty Five Cents per C. Y.	0.45	45500.00
1 "A"	1,940	Earth Borrow for forty cents per C Y	.40	776.00
2	No Estimate	Cu Yds Loose Rock Excavation for One Dollar per C. Y.	1.00	No Est.
2 "A"	No Estimate	Cu Yds. Solid Rock Excavation for Two and 25/100 Dollars per C Y	2.25	No Est.
3.	1500	Cu Yds Overhaul for three cents per C Y for each 100 Feet	.03	45.00
4	No Estimate	Lin Ft. 12 Inch Vitrified Clay Underdrains for No Est Per Ft.		No Estimate,
4 "A"	No Estimate	Lin Ft. 12 inch vitrified Clay Underdrains for No Estimate per ft	No Est	No estimate.
4 "B"	No Estimate	Lin Ft. 12 Inch vitrified Clay underdrains for No Estimate per Ft.		No Estimate
5	No Estimate	Lin Ft. 6 In. Porus Tile Underdrains for Thrity Five Cents per Ft.	\$0.35	No Estimate.
5 "A"	No Estimate	Lin Ft. 6 Inch Porus Tile Underdrains for No Estimate per Ft.		No Estimate.
6	60	Lin Ft. 15 Inch Vitrified Tile openings for One and 40/100 Dollars per Ft.	1.40	84.00
6 "A"	30	Lin Ft. 18" Vitrified opeinigs (TILM) for one and ninety hundredths per Ft.	1.90	57.00
6 "B"	90	Lin Ft 24" Vitrified Tile Openings for Two and 80/100 Dollars per Ft.	2.80	5252.00
7	128	Cy Yds Concrete Culverts for Twenty Dollars per C. Y ..	20.00	2560.00
8.	3500	Lbs Reinforcing Steel for Seven and One Half Cents per Lb.	0.075	262.50
9.	No Estimate	Cu Yds Rip Rap for four Dollars per C. Y.	4.00	NO Estimate.
10	No Estimate	Lin Ft. Concrete Curbing for No Estimate per L Ft.		No Estimate.
11	No Estimate	Lin Ft. Concrete Gutters for No Estimate per L. Ft.		No Estimate.
12	200	Lin Feet. Wooden Guard Railings for Seventy Cents per L Ft.	0.70	140.00
13	No Estimate	Lin Ft Concrete Guard Railings (2 Rail Type for No Estimate per Ft.		No Estimate.
13 "A"	No Estimate	Lin Ft. Concrete Guard Railings (1 Rail Type) for No Estimate per L Ft.		No Estimate.
14	No Estimate	Lin Ft. Pipe Railings for No Estimate per L. Ft.		No Estimate.
15.	No Estimate	Cu Yds Foundation Course for three and fifth/100 Dollars per C Y	\$3.50	No Estimate.
15 "A"	40600	Sq Yds 7" Macadam Base for one and 13/100 Dollars per Sq. Yd.	1.13	\$45878.00
16.	40600	Sq Yds 6 Inch Concrete Foundation for One and 71/100 Dollars per Sq. Yd.	1.71	69426.00
16 "A"	40600	Lin Ft. Concrete Edging for twenty four cents per l. Ft.	.24	9744.00
17	40600 (CBase) 36089 (M ")	Sq Yds 2" Asphaltic Concrete Wearing Surface with five year maintenance for one and 45/100 Dollars per Sq. Yd..	1.45	58,870.00
17 "A"	40600 (C Base) 36089 (M Base)	Sq Yds 2" Asphaltic Concrete Wearing Surface without five year maintenance clause for One and 40/100 Dollars per Sq Yd.	1.40	56,840.00
18.	40600 C Base 36089 M Base	Sq Yds 2" Bitulithis Wearing Surface, (Warrenite) with five year maintenance for one and 65/100 Dollars per C Y.	1.65	66990.00

Estimate of Cost