



PROBABLE CONSTRUCTION COST SUMMARY FOR TRAIL DRIVE EXTENSION

1/26/2017

DESCRIPTION	AMOUNT
PHASE I - Trail Drive from Lancaster to Crestline & Van Zandt	\$ 3,846,479.43
PHASE IIA - Trail Drive from Crestline to University	\$ 1,540,508.31
PHASE I - 8" Waterline	\$ 220,563.75
Total	\$ 5,607,551.49

Landscapign Portion Total \$ 312,351.50

25% Contingency + Mobilization Included in Total Amounts

Phase I - Construction from Lancaster to Crestline including Van Zandt Lane

Demolition from Lancaster to Crestline
 Pulverize and overlay Lancaster from University to Foch Bridge
 Trail Drive & Van Zandt Roadway from Lancaster to Crestline
 Signalization at Trail Drive and Lancaster
 Sidewalks
 Storm improvements
 Landscaping, Hardscaping & Irrigation
 Lighting

Phase IIA - Construction from Crestline to University

Demolition
 Trail Drive Roadway from Crestline to University
 Signalization at Trail Drive and Lancaster
 Storm improvements
 Sidewalks
 Landscaping, Hardscaping & Irrigation
 Lighting



TRAIL DRIVE EXTENSION
DEMOLITION FOR TRAIL DR., EXISTING CRESTLINE AND VAN ZANDT LN.

NO.	ITEM	UNIT	PRICE	Phase I		Phase IIA	
				QTY.	AMOUNT	QTY.	AMOUNT
1	Remove Asphalt Pavement (Trail Drive, Crestline, & Van Zandt)	SY	\$ 6.75	####	\$ 70,044.75	5449	\$ 36,780.75
2	Remove Concrete Sidewalk	SY	\$ 9.00	472	\$ 4,248.00	0	\$ -
3	Remove Concrete Pavement (Crestline @ University)	SY	\$ 12.50	0	\$ -	825	\$ 10,312.50
4	Site Clearing	SY	\$ 4.50	####	\$ 97,920.00	6100	\$ 27,450.00
5	6"-12" Tree Removal	EA	\$ 400.00	3	\$ 1,200.00	6	\$ 2,400.00
6	12"-18" Tree Removal	EA	\$ 750.00	8	\$ 6,000.00	5	\$ 3,750.00
7	18"-24" Tree Removal	EA	\$ 1,200.00	2	\$ 2,400.00	1	\$ 1,200.00
8	Remove Existing Retaining Wall	LF	\$ 256.00	0	\$ -		\$ -
9	Relocate Street Light Pole	EA	\$ 1,100.00	3	\$ 3,300.00	3	\$ 3,300.00
10	Remove Misc. Traffic Items	EA	\$ 15,500.00	1	\$ 15,500.00	1	\$ 15,500.00
					\$ 200,612.75		\$ 100,693.25
25% Contingency					\$ 50,153.19		\$ 25,173.31
TOTAL =					\$ 250,765.94		\$ 125,866.56



60' ROW TRAIL DRIVE EXTENSION

PAVING, SINGING, PAVEMENT MARKING, LANDSCAPE, AND LIGHTING IMPROVEMENTS

NO.	ITEM	UNIT	PRICE	Phase I		Phase IIA	
				QTY.	AMOUNT	QTY.	AMOUNT
1	Unclassified Excavation	CY	\$ 19.00	3,300.00	\$ 62,700.00	2,300.00	\$ 43,700.00
2	SWPPP ≥ 1 acre	EA	\$ 5,500.00	1.00	\$ 5,500.00	1.00	\$ 5,500.00
3	Traffic Control	MO	\$ 3,500.00	6.00	\$ 21,000.00	6.00	\$ 21,000.00
4	Hydrated Lime	TN	\$ 152.00	118.85	\$ 18,065.81	93.00	\$ 14,136.00
5	6" Lime Treatment	SY	\$ 3.75	6,603.00	\$ 24,761.25	5,166.00	\$ 19,372.50
6	10" Conc Pvmnt	SY	\$ 56.00	6,183.00	\$ 346,248.00	4,696.00	\$ 262,976.00
7	Pulverize and Relay Asphalt	SY	\$ 2.75	9,077.00	\$ 24,961.75	-	\$ -
8	3" Asphalt Base Type B	SY	\$ 18.00	9,077.00	\$ 163,386.00	-	\$ -
9	3" Asphalt Pvmnt Type D	SY	\$ 19.00	9,077.00	\$ 172,463.00	-	\$ -
10	Retaining Wall (285' long)	CY	\$ 950.00	250.00	\$ 237,500.00	-	\$ -
11	6" Concrete Driveway	SF	\$ 7.00	2,550.00	\$ 17,850.00	-	\$ -
12	4" Conc Sidewalk (10' wide)	SF	\$ 6.44	20,882.55	\$ 134,483.62	21,060.00	\$ 135,626.40
13	4" Pvmnt Marking	LF	\$ 2.00	8,700.00	\$ 17,400.00	8,300.00	\$ 16,600.00
14	Miscellaneous Pavement Markings	EA	\$ 6,500.00	1.00	\$ 6,500.00	1.00	\$ 6,500.00
15	Barrier Free Ramp	EA	\$ 1,600.00	14.00	\$ 22,400.00	4.00	\$ 6,400.00
16	Topsoil	CY	\$ 12.00	950.00	\$ 11,400.00	200.00	\$ 2,400.00
17	Block Sod Placement	SY	\$ 4.75	6,500.00	\$ 30,875.00	1,200.00	\$ 5,700.00
18	Landscaping	EA	\$ 45,000.00	1.00	\$ 45,000.00	1.00	\$ 45,000.00
19	3" Cedar Elms Trees	EA	\$ 590.00	60.00	\$ 35,400.00	32.00	\$ 18,880.00
20	Signing	EA	\$ 5,500.00	1.00	\$ 5,500.00	1.00	\$ 5,500.00
21	CFW Antique Street Lights	EA	\$ 6,500.00	33.00	\$ 214,500.00	11.00	\$ 71,500.00
22	Pull Boxes	EA	\$ 550.00	33.00	\$ 18,150.00	11.00	\$ 6,050.00
23	4" Schedule 80 PVC	LF	\$ 10.00	2,630.00	\$ 26,300.00	2,100.00	\$ 21,000.00
24	Irrigation System w/ Control & Electrical Service	EA	\$ 25,500.00	1.00	\$ 25,500.00	1.00	\$ 25,500.00
25	Pavement - Stamped Concrete	SF	\$ 80.00	1,300.00	\$ 104,000.00	1,100.00	\$ 88,000.00
					\$ 1,791,844.43		\$ 821,340.90
25% Contingency					\$ 447,961.11		\$ 205,335.23
TOTAL =					\$ 2,239,805.54		\$ 1,026,676.13
						Landscaping	\$ 245,655.00



VAN ZANDT LANE

PAVING, SINGING, PAVEMENT MARKING, LANDSCAPE, AND LIGHTING IMPROVEMENTS

				Phase I	
NO.	ITEM	UNIT	PRICE	QTY.	AMOUNT
1	Unclassified Excavation	CY	\$ 19.00	2,216.67	\$ 42,116.67
2	SWPPP ≥ 1 acre	LS	\$ 2,500.00	1.00	\$ 2,500.00
3	Traffic Control	MO	\$ 2,500.00	2.00	\$ 5,000.00
4	Hydrated Lime	TN	\$ 152.00	58.79	\$ 8,935.78
5	6" Lime Treatment	SY	\$ 4.00	3,266.00	\$ 13,064.00
6	10" Conc Pvmt	SY	\$ 56.00	3,060.00	\$ 171,360.00
7	6" Concrete Driveway	SF	\$ 7.00	490.00	\$ 3,430.00
8	4" Conc Sidewalk (10' wide)	SF	\$ 3.20	8,200.00	\$ 26,240.00
9	4" Pvmt Marking	LF	\$ 2.00	1,600.00	\$ 3,200.00
10	Miscellaneous Pavement Markings	LS	\$ 3,500.00	1.00	\$ 3,500.00
11	Barrier Free Ramp	EA	\$ 1,500.00	4.00	\$ 6,000.00
12	Topsoil	CY	\$ 12.00	92.00	\$ 1,104.00
13	Block Sod Placement	SY	\$ 4.75	550.00	\$ 2,612.50
14	Landscaping	LS	\$ 35,000.00	1.00	\$ 35,000.00
15	3" Cedar Elms Trees	EA	\$ 590.00	22.00	\$ 12,980.00
16	Signing	LS	\$ 4,200.00	1.00	\$ 4,200.00
17	CFW Antique Street Lights	EA	\$ 6,500.00	19.00	\$ 123,500.00
18	Pull Boxes	EA	\$ 550.00	19.00	\$ 10,450.00
19	4" Schedule 80 PVC	LF	\$ 10.00	1,710.00	\$ 17,100.00
20	Irrigation System w/ Control & Electrical Service	LS	\$ 15,000.00	1.00	\$ 15,000.00
					\$ 507,292.94
25% Contingency					\$ 126,823.24
TOTAL =					\$ 634,116.18
Landscaping					\$ 66,696.50



FOCH TO LANCASTER ROAD RECONSTRUCTION
PAVING, SIGNING, PAVEMENT MARKING IMPROVEMENTS

				Phase I	
NO.	ITEM	QTY	UNIT	PRICE	AMOUNT
1	Unclassified Excavation	1,000	CY	\$ 19.00	\$ 19,000.00
2	Remove Concrete Pavement	511	SY	\$ 12.50	\$ 6,387.50
3	Traffic Control	1	MO	\$ 3,500.00	\$ 3,500.00
4	Hydrated Lime	6	TN	\$ 152.00	\$ 894.67
5	6" Lime Treatment	327	SY	\$ 3.75	\$ 1,226.25
6	10" Conc Pvmt	350	SY	\$ 56.00	\$ 19,600.00
7	6" Concrete Driveway	350	SF	\$ 7.00	\$ 2,450.00
8	4" Conc Sidewalk (10' wide)	1,660	SF	\$ 3.20	\$ 5,312.00
9	4" Pvmt Marking	500	LF	\$ 2.00	\$ 1,000.00
10	Miscellaneous Pavement Markings	1	LS	\$ 2,500.00	\$ 2,500.00
11	Barrier Free Ramp	2	EA	\$ 1,600.00	\$ 3,200.00
12	Signing	1	LS	\$ 1,500.00	\$ 1,500.00
					\$ 66,570.42
25% Contingency					\$ 16,642.61
TOTAL =					\$ 83,213.03



TRAIL DRIVE EXTENSION TRAFFIC - TRAIL DRIVE @ W. LANCASTER

				Phase I	
BID LIST ITEM NO.	ITEM	QTY	UNIT	PRICE	AMOUNT
2605.0111	Furnish/Install Elec Serv Pedestal	1	EA	\$ 6,500.00	\$ 6,500.00
2605.3014	2" CONDT RM (Riser)	20	LF	\$ 531.00	\$ 10,620.00
2605.3015	2" CONDT PVC SCH 80 (T)	50	LF	\$ 10.00	\$ 500.00
2605.3025	3" CONDT PVC SCH 80 (T)	100	LF	\$ 12.00	\$ 1,200.00
2605.3026	3" CONDT PVC SCH 80 (B)	400	LF	\$ 19.00	\$ 7,600.00
3441.1001	3-Sect Signal Head Assmbly	8	EA	\$ 1,000.00	\$ 8,000.00
3441.1002	4-Sect Signal Head Assmbly	2	EA	\$ 1,180.00	\$ 2,360.00
3441.1011	Ped Signal Head Assmbly	8	EA	\$ 1,500.00	\$ 12,000.00
3441.1021	2" Ped Push BTN Station w/ Sign	8	EA	\$ 1,400.00	\$ 11,200.00
3441.1220	Furnish/Install Model 711 Preemption Detector	4	EA	\$ 1,900.00	\$ 7,600.00
3441.1224	Furnish/Install Preemption Cable	400	LF	\$ 8.00	\$ 3,200.00
3441.1230	Furnish/Install Radar Presence Detection Device	4	EA	\$ 7,000.00	\$ 28,000.00
3441.1234	Furnish/Install Radar Cable	400	LF	\$ 10.00	\$ 4,000.00
3441.1236	Furnish/Install Radar Detector Back Plate 4	1	LF	\$ 4,200.00	\$ 4,200.00
3441.1315	20/C 14 AWG Multi-Conductor Cable	500	LF	\$ 5.00	\$ 2,500.00
3441.1317	6/C 16 AWG Multi-Conductor Cable	250	LF	\$ 3.00	\$ 750.00
3441.1318	8/C 16 AWG Multi-Conductor Cable	500	LF	\$ 4.00	\$ 2,000.00
3441.1408	NO 6 Insulated Elec Condr	250	LF	\$ 2.00	\$ 500.00
3441.1409	NO 8 Insulated Elec Condr	500	LF	\$ 1.50	\$ 750.00
3441.1414	NO 8 Bare Elec Condr	150	LF	\$ 1.50	\$ 225.00
3441.1503	Ground Box Type D, w/ Apron	5	EA	\$ 650.00	\$ 3,250.00
3441.1603	Furnish/Install 10'-14' Ped Pole Assmbly	4	EA	\$ 1,500.00	\$ 6,000.00
3441.1611	Furnish/Install Type 41 Signal Pole	2	EA	\$ 15,000.00	\$ 30,000.00
3441.1613	Furnish/Install Type 43 Signal Pole	2	EA	\$ 4,000.00	\$ 8,000.00
3441.1614	Furnish/Install Type 44 Signal Pole	0	EA	\$ -	\$ -
3441.1620	Install Type 44 Signal Pole	0	EA	\$ -	\$ -
3441.1623	Furnish/Install Mast Arm 16'-36'	2	EA	\$ 5,500.00	\$ 11,000.00
3441.1624	Furnish/Install Mast Arm 40'-48'	2	EA	\$ 8,000.00	\$ 16,000.00
3441.1627	Install Mast Arm 40'-48'	0	EA	\$ -	\$ -
3441.1701	TY 1 Signal Foundation	4	EA	\$ 1,000.00	\$ 4,000.00
3441.1703	TY 3 Signal Foundation	2	EA	\$ 3,000.00	\$ 6,000.00
3441.1704	TY 4 Signal Foundation	2	EA	\$ 3,300.00	\$ 6,600.00
3441.4001	Furnish/Install Alum Sign Mast Arm Mount	4	EA	\$ 532.00	\$ 2,128.00
9999.0000	3-Sec Signal Head Ventilated Backplate	8	NS	\$ 300.00	\$ 2,400.00
9999.0000	4-Sec Signal Head Ventilated Backplate	2	NS	\$ 324.00	\$ 648.00
9999.0000	4/C 16 AWG Multi-Conductor Cable	200	NS	\$ 2.30	\$ 460.00
					\$ 210,191.00
25% Contingency					\$ 52,547.75
TOTAL =					\$ 262,738.75



TRAIL DRIVE EXTENSION TRAFFIC - TRAIL DRIVE @ UNIVERSITY

				Phase IIA	
BID LIST ITEM NO.	ITEM	QTY	UNIT	PRICE	AMOUNT
2605.0111	Furnish/Install Elec Serv Pedestal	1	EA	\$ 6,500.00	\$ 6,500.00
2605.3014	2" CONDT RM (Riser)	20	LF	\$ 531.00	\$ 10,620.00
2605.3015	2" CONDT PVC SCH 80 (T)	50	LF	\$ 10.00	\$ 500.00
2605.3025	3" CONDT PVC SCH 80 (T)	150	LF	\$ 12.00	\$ 1,800.00
2605.3026	3" CONDT PVC SCH 80 (B)	500	LF	\$ 19.00	\$ 9,500.00
3441.1001	3-Sect Signal Head Assmbly	4	EA	\$ 1,000.00	\$ 4,000.00
3441.1002	4-Sect Signal Head Assmbly	2	EA	\$ 1,180.00	\$ 2,360.00
3441.1011	Ped Signal Head Assmbly	8	EA	\$ 1,500.00	\$ 12,000.00
3441.1021	2" Ped Push BTN Station w/ Sign	8	EA	\$ 1,400.00	\$ 11,200.00
3441.1220	Furnish/Install Model 711 Preemption Detector	4	EA	\$ 1,900.00	\$ 7,600.00
3441.1224	Furnish/Install Preemption Cable	400	LF	\$ 8.00	\$ 3,200.00
3441.1230	Furnish/Install Radar Presence Detection Device	1	EA	\$ 7,000.00	\$ 7,000.00
3441.1234	Furnish/Install Radar Cable	250	LF	\$ 10.00	\$ 2,500.00
3441.1236	Furnish/Install Radar Detector Back Plate 4	0	LF	\$ -	\$ -
3441.1315	20/C 14 AWG Multi-Conductor Cable	800	LF	\$ 5.00	\$ 4,000.00
3441.1317	6/C 16 AWG Multi-Conductor Cable	350	LF	\$ 3.00	\$ 1,050.00
3441.1318	8/C 16 AWG Multi-Conductor Cable	800	LF	\$ 3.00	\$ 2,400.00
3441.1408	NO 6 Insulated Elec Condr	500	LF	\$ 1.55	\$ 775.00
3441.1409	NO 8 Insulated Elec Condr	1000	LF	\$ 1.50	\$ 1,500.00
3441.1414	NO 8 Bare Elec Condr	350	LF	\$ 1.25	\$ 437.50
3441.1503	Ground Box Type D, w/ Apron	6	EA	\$ 650.00	\$ 3,900.00
3441.1603	Furnish/Install 10'-14' Ped Pole Assmbly	4	EA	\$ 1,500.00	\$ 6,000.00
3441.1611	Furnish/Install Type 41 Signal Pole	0	EA	\$ -	\$ -
3441.1613	Furnish/Install Type 43 Signal Pole	0	EA	\$ -	\$ -
3441.1614	Furnish/Install Type 44 Signal Pole	4	EA	\$ 15,000.00	\$ 60,000.00
3441.1620	Install Type 44 Signal Pole	2	EA	\$ 886.00	\$ 1,772.00
3441.1623	Furnish/Install Mast Arm 16'-36'	0	EA	\$ -	\$ -
3441.1624	Furnish/Install Mast Arm 40'-48'	2	EA	\$ 8,000.00	\$ 16,000.00
3441.1627	Install Mast Arm 40'-48'	2	EA	\$ 1,700.00	\$ 3,400.00
3441.1701	TY 1 Signal Foundation	4	EA	\$ 1,000.00	\$ 4,000.00
3441.1703	TY 3 Signal Foundation	0	EA	\$ 500.00	\$ -
3441.1704	TY 4 Signal Foundation	4	EA	\$ 3,310.00	\$ 13,240.00
3441.4001	Furnish/Install Alum Sign Mast Arm Mount	4	EA	\$ 531.00	\$ 2,124.00
9999.0000	3-Sec Signal Head Ventilated Backplate	4	NS	\$ 300.00	\$ 1,200.00
9999.0000	4-Sec Signal Head Ventilated Backplate	2	NS	\$ 325.00	\$ 650.00
9999.0000	4/C 16 AWG Multi-Conductor Cable	400	NS	\$ 2.00	\$ 800.00
					\$ 202,028.50
25% Contingency					\$ 50,507.13
TOTAL =					\$ 252,535.63