



Circle S Road Opinion of Probable Costs October 16, 2018	
Item	Cost
Driveways	\$447,500.00
Erosion Control	\$32,800.00
Landscaping	\$187,800.00
Road Improvements	\$804,200.00
Sidewalk	\$454,200.00
Signs, Signals, and Traffic Control	\$95,600.00
Storm Sewer System	\$518,500.00
Utility Adjustments	\$53,000.00
Soft costs (engineering, project management, and construction services/testing)	\$500,000.00
Subtotal	\$3,093,600.00
Contingency (20%)	\$618,700.00
Total Cost	\$3,712,300.00



Circle S Road

Opinion of Probable Costs - Individual Items

October 16, 2018

Item	Description	Unit	Quantity	Unit Price	Total Cost
101S-B	PREPARING RIGHT-OF-WAY	100' STA	59	\$800.00	\$47,200.00
110S-B	STREET EXCAVATION, PLAN QUANTITY	CY	2700	\$8.00	\$21,600.00
111S-A	EXCAVATION	CY	50	\$15.00	\$800.00
132S-A	EMBANKMENT	CY	1000	\$15.00	\$15,000.00
210S-A	FLEXIBLE BASE	CY	3300	\$40.00	\$132,000.00
340S-B-2	HOT MIX ASPHALTIC CONCRETE PAVEMENT, 2 INCHES, TYPE D	TON	3400	\$90.00	\$306,000.00
414S-C	CAST-IN-PLACE PORTLAND CEMENT CONCRETE RETAINING WALL, INCLUDING REINFORCE	CY	60	\$2,000.00	\$120,000.00
430S-A	P.C. CONCRETE CURB AND GUTTER (EXCAVATION)	LF	9900	\$18.00	\$178,200.00
432S-4	NEW P.C. CONCRETE SIDEWALKS, 4 INCH THICKNESS	SF	49100	\$6.00	\$294,600.00
432S-RP-1	P.C. SIDEWALK CURB RAMP WITH PAVERS (TYPE I)	EA	22	\$1,800.00	\$39,600.00
433S-A	TYPE I P.C. CONCRETE DRIVEWAY	SF	600	\$80.00	\$48,000.00
433S-C	TYPE II P.C. CONCRETE DRIVEWAY	SF	4700	\$85.00	\$399,500.00
504S-1WM	ADJUSTING WATER METERS	EA	20	\$650.00	\$13,000.00
504S-3W	ADJUSTING WATER VALVE BOXES TO GRADE	EA	20	\$500.00	\$10,000.00
506S-MSW	STANDARD PRE-CAST MANHOLE W/ PRE-CAST BASE, 48" DIA.	EA	8	\$3,000.00	\$24,000.00
506S-4WW	MINOR MANHOLE HEIGHT ADJUSTMENT, 48" DIA.	EA	12	\$2,500.00	\$30,000.00
508S-I10R	INLET, RECESSED	EA	20	\$5,600.00	\$112,000.00
510-AR 18" DIA.	PIPE, 18" DIA. RCP (ALL DEPTHS) INCLUDING EXCAVATION AND BACKFILL	LF	1100	\$60.00	\$66,000.00
510-AR 24" DIA.	PIPE, 24" DIA. RCP (ALL DEPTHS) INCLUDING EXCAVATION AND BACKFILL	LF	2600	\$90.00	\$234,000.00
510-AR 30" DIA.	PIPE, 30" DIA. RCP (ALL DEPTHS) INCLUDING EXCAVATION AND BACKFILL	LF	650	\$100.00	\$65,000.00
559S-A	CAST IN PLACE CONCRETE BOX CULVERTS	CY	7	\$2,500.00	\$17,500.00
602S-A	BERMUDA BLOCK SODDING	SY	4740	\$4.50	\$21,300.00
608S-1	65 GAL. SHADE TREE, 3"	EA	56	\$1,000.00	\$56,000.00
608S-1	30 GAL. ORNAMENTAL TREE, 1.5"	EA	54	\$300.00	\$16,200.00
608S-2	IRRIGATION SYSTEM	LS	1	\$42,675.00	\$42,700.00

TBPE Firm Registration #470 | TBPLS Firm Registration #10028801

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Item	Description	Unit	Quantity	Unit Price	Total Cost
610S-B	PROTECTIVE FENCING TYPE B WOOD FENCE	LF	2000	\$3.00	\$6,000.00
610S-R	REMOVAL OF EXISTING TREES	EA	30	\$500.00	\$15,000.00
632S-1	STORM INLET SEDIMENT TRAP	CF	50	\$1.00	\$100.00
642S	SILT FENCE FOR EROSION CONTROL	LF	10000	\$3.20	\$32,000.00
641S	STABILIZED CONSTRUCTION ENTRANCE	EA	1	\$700.00	\$700.00
700S-TM	TOTAL MOBILIZATION PAYMENT	LS	1	\$90,000.00	\$90,000.00
704	METAL BEAM GUARD FENCE	LF	350	\$20.00	\$7,000.00
704-T	METAL BEAM GUARD FENCE TERMINAL ANCHOR SECTIONS	EA	4	\$700.00	\$2,800.00
706S	BRIDGE AND CULVERT RAILING, TYPE CONCRETE	LF	55	\$65.00	\$3,600.00
803S-WD	BARRICADES, SIGNS, AND TRAFFIC HANDLING	CD	360	\$200.00	\$72,000.00
824S	TRAFFIC SIGNS	EA	20	\$600.00	\$12,000.00
860S-A	PAVEMENT MARKING PAINT, 4 IN.	LF	11400	\$0.20	\$2,300.00
860S-A	PAVEMENT MARKING PAINT, 8 IN.	LF	500	\$0.40	\$200.00
860S-A	PAVEMENT MARKING PAINT, 24 IN.	LF	400	\$8.00	\$3,200.00
874S-A	ELIMINATING EXISTING PAVEMENT MARKING: 4 INCHES IN WIDTH	LF	1500	\$1.00	\$1,500.00
SP-1	INSTALL RDSD FLASH BEACON ASSEMBLY	EA	1	\$4,400.00	\$4,400.00
SP-2	ZERO CURB CUTBACK	LF	360	\$85.00	\$30,600.00
				Subtotal	\$2,593,600.00