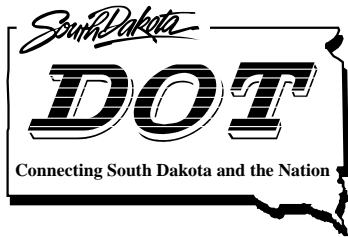


South Dakota Department of Transportation Bid Item Price Report

January 01, 2020 to December 31, 2020

Office of Project Development – Bid Letting





Department of Transportation
Office of Project Development – Bid Letting
700 E Broadway Avenue
Pierre, South Dakota 57501-2586
PH: 605.773.3268

March 11, 2020

2020 SDDOT Bid Item Price Report

To All Interested Parties:

The South Dakota DOT Bid Item Price Report is assembled each year to provide bid data representing bid pricing received for all construction contracts let and awarded throughout the year. The report includes unit bid price averages for certain major categories of work (*groups of items*) and compares the current years quantities and pricing to the data from four years earlier. The report also includes data for each individual bid item including: the total quantity bid; the total low bid cost; the average unit low bid price (*price submitted by the bidder awarded the contract*); the average unit price of the lowest three bids received; and the number of times the bid item was included in a contract.

The bid data provided for the 2019 report is representative of: 158 contracts let and awarded through the South Dakota Electronic Bid System (SDEBS); 525 bids received; and \$542.03 million in contract awards, which was 1.57 percent, or \$8.64 million under the Engineer's Estimate. In addition, it should be noted that bids for 12 contracts were rejected during 2019 and this report does not contain bid data from those contracts.

We hope you find the 2020 SDDOT Bid Item Price Report informative and helpful.

Sincerely,

SDDOT Bid Letting Staff

Average Unit Bid Prices for Bid Item Groups (Awarded Contracts)

January 2020 - December 2020

**Major Construction Items
South Dakota Department of Transportation**

Item Description	Unit	2016	2016 Average	2020	2020 Average	Average Unit Price % Difference
		Quantity	Unit Price	Quantity	Unit Price	
1 Unclassified Excavation (10,000-149,999)	CuYd	647,605.000	\$4.09	765,344.000	\$5.15	26.000%
2 Unclassified Excavation (150,000 and above)	CuYd	3,409,166.000	\$2.63	5,621,785.000	\$2.73	3.800%
3 Granular Base (10,000 and above)	Ton	533,347.200	\$19.44	882,905.200	\$19.15	-1.500%
4 Asphalt Binder (500 and above)	Ton	61,518.600	\$469.97	67,702.600	\$569.51	21.200%
5 Asphalt Concrete (10,000 and above)	Ton	1,171,212.000	\$34.60	1,384,779.600	\$41.12	18.800%
6 Nonreinforced PCC Pavement (20,000 and above)	SqYd	466,679.700	\$43.00	776,745.500	\$47.10	9.500%
7 PCC Overlay	SqYd	300,706.700	\$32.74	189,711.700	\$34.88	6.500%
8 Nonreinforced Concrete Sidewalk (5,000 and above)	SqYd	319,255.000	\$5.67	317,110.000	\$7.32	29.200%
9 Class A45 Concrete (Bridge)	CuYd	13,891.700	\$871.87	12,961.700	\$1,066.49	22.300%
10 Class A45 Concrete (Box Culvert) (100 and above)	CuYd	2,562.400	\$613.51	5,498.900	\$944.96	54.000%
11 Reinforcing Steel (10,000 and above)	Lbs	3,468,637.000	\$1.18	3,707,849.000	\$1.48	25.600%
12 Prestressed Girder (27"-45")	Ft	8,196.000	\$245.94	2,125.000	\$249.71	1.500%
13 Prestressed Girder (54" and above)	Ft	6,465.000	\$204.84	4,365.000	\$270.85	32.200%
14 Structural Steel	Lbs	N/A	N/A	7463140	1.42	N/A
15 Bridge Painting (5,000 and above)	SqFt	70,678.000	\$11.55	10,216.000	\$37.47	224%
16 Two Coat Bridge Deck Polymer Chip Seal	SqYd	47,098.100	\$50.88	12,592.200	\$56.23	9.300%
17 Signal Poles with Mast Arms (up to 65' mounting height)	Each	4.000	\$11,082.23	7.000	\$14,654.03	32.200%
18 Breakaway Base Luminaire Poles (40'-50' mounting height)	Each	209.000	\$2,732.01	206.000	\$3,222.17	17.900%

Bid Items & Parameters:

- 1 Includes Unclassified Excavation for projects between 10,000 CuYds and 149,999 CuYds
- 2 Includes Unclassified Excavation for projects over 150,000 CuYds
- 3 Includes Base Course & Gravel Cushion for projects over 10,000 Tons
- 4 Includes PG 58-28, 58-34, 64-22, 64-28 & 64-34 Asphalt Binders for projects over 500 Tons
- 5 Includes Class Q1, Q2, Q3, Q4, Q5, Q1R, Q2R, Q3R, Q4R, Q5R, E, G, HR, S & Modified S Asphalt Concrete for projects over 10,000 Tons
- 6 Includes 8" through 12.5" nonreinforced PCC pavement for projects over 20,000 SqYds
- 7 Includes 5" through 8.5" PCC Overlay Placement, PCC Overlay Furnish & Bond Breaker Fabric
- 8 Includes 4" through 6" nonreinforced concrete sidewalk for projects over 5,000 SqYds
- 9 Includes Class A45 Concrete, Bridge Deck & Class A45 Concrete Bridge
- 10 Includes Class A45 Concrete, Box Culvert for projects over 100 CuYds
- 11 Includes Reinforcing Steel and Epoxy Coated Reinforcing Steel for projects over 10,000 lbs
- 12 Includes 27", 36" and 45" Minnesota Shape Prestressed Concrete Beam
- 13 Includes 54", 63", 72" & 81" Minnesota Shape Prestressed Concrete Beam
- 14 Includes Structural Steel (Steel Girders)
- 15 Includes Bridge Repainting Class II, Paint Residue Removal and Containment & Rust Penetrating Sealer for projects over 5,000 SqFt
- 16 Includes Two Coat Bridge Deck Polymer Chip Seal, Abrasive Blasting of Bridge Deck & Bridge Deck Grinding
- 17 Includes Signal Poles with Mast Arms up to 65' (does not include signal poles with luminaire arms or decorative signal poles)
- 18 Includes Breakaway Base Luminaire Poles with Arm & Twin Arms, Breakaway Base Luminaire Poles Top Mount & Top Twin Mount from 40' to 50' Mounting Height

**South Dakota Department of Transportation
2020 Average Unit Price Report**

Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
004E0010	Blading	Hour	2,014.00	266,100.00	132.13	134.15	2
004E0020	Construction and Maintenance of Detour(s)	LS	3.00	29,000.00	9,666.67	16,427.78	3
004E0030	Maintenance of Traffic Diversion(s)	LS	10.00	561,969.50	56,196.95	48,046.65	10
004E0050	Remove Traffic Diversion(s)	LS	11.00	334,417.56	30,401.60	41,541.93	11
009E0010	Mobilization	LS	152.00	42,243,516.30	277,917.87	363,232.01	152
009E1000	Incentive/Disincentive Pay	Day	0.00	0.00	0.00	0.00	1
009E3200	Construction Staking	LS	12.00	93,955.02	7,829.58	8,277.14	12
009E3210	Construction Staking	Mile	63.19	82,688.40	1,308.65	1,258.84	3
009E3220	Reestablish Right-of-Way and Property Corner	Each	2,361.00	138,672.70	58.73	61.27	19
009E3230	Grade Staking	Mile	250.37	701,000.26	2,799.89	2,835.74	33
009E3240	Graded Centerline Staking	Mile	64.11	135,600.54	2,115.16	2,410.47	6
009E3245	Final Cross Section Survey	Mile	59.93	64,996.28	1,084.48	1,144.08	9
009E3250	Miscellaneous Staking	Mile	256.20	784,254.55	3,061.06	3,120.10	38
009E3280	Slope Staking	Mile	134.99	304,120.32	2,252.91	2,398.31	30
009E3290	Structure Staking	Each	51.00	192,925.59	3,782.85	3,799.98	16
009E3305	As-Built Survey	LS	1.00	5,000.00	5,000.00	10,450.00	1
009E3310	Bridge Elevation Survey	LS	10.00	40,965.09	4,096.51	4,734.16	10
009E3320	Checker	LS	28.00	706,173.26	25,220.47	26,555.23	28
009E4200	Construction Schedule, Category II	LS	11.00	73,650.00	6,695.45	5,971.45	11
009E4220	Project Management, Category II	LS	4.00	108,500.00	27,125.00	22,544.69	4
009E4300	Construction Schedule, Category III	LS	5.00	108,597.15	21,719.43	28,831.18	5
009E4330	Project Management, Category III	LS	3.00	116,589.23	38,863.08	192,382.20	3
009E5000	Concrete Penetrating Sealer	SqYd	22,593.50	117,738.65	5.21	5.72	7
009E9900	Training Program	Hour	35,500.00	142,210.00	4.01	3.75	32
100E0010	Clear and Grub Stump	Each	3.00	2,100.00	700.00	666.67	1
100E0020	Clear and Grub Tree	Each	926.00	91,886.05	99.23	134.09	14
100E0100	Clearing	LS	36.00	699,228.47	19,423.01	22,428.95	36
110E0010	Remove Concrete Bridge Approach Slab	SqYd	2,950.80	157,034.51	53.22	53.57	6
110E0020	Remove Bridge Railing	Ft	3,552.00	49,384.78	13.90	15.28	6
110E0040	Remove Concrete Bridge Slab	SqYd	837.50	180,062.50	215.00	199.36	1
110E0050	Remove Steel Diaphragm	Each	20.00	6,300.00	315.00	308.90	1
110E0055	Remove Structural Steel Member(s)	LS	1.00	12,500.00	12,500.00	12,154.14	1
110E0070	Remove Rubberized Asphalt Chip Seal	SqYd	443.00	23,036.00	52.00	33.64	1
110E0100	Remove Concrete Footing(s)	LS	6.00	17,400.06	2,900.01	4,847.98	6
110E0130	Remove Traffic Sign	Each	14,785.00	160,357.36	10.85	18.60	28
110E0135	Remove Delineator	Each	3,760.00	29,306.21	7.79	22.25	22
110E0210	Remove Building(s)	LS	2.00	39,675.00	19,837.50	27,969.50	2
110E0300	Remove Concrete Curb and/or Gutter	Ft	27,205.00	179,523.17	6.60	6.62	30
110E0370	Remove Curb Stop	Each	14.00	1,625.68	116.12	324.02	1
110E0400	Remove Drop Inlet	Each	173.00	90,990.52	525.96	580.05	18
110E0415	Remove Edge Drains	LS	1.00	1,500.00	1,500.00	4,699.89	1
110E0420	Remove Drop Inlet Frame and Grate Assembly	Each	17.00	2,349.95	138.23	148.53	5
110E0460	Remove Manhole	Each	35.00	29,597.21	845.63	957.28	9
110E0480	Remove Manhole Frame and Lid	Each	8.00	765.20	95.65	152.82	1
110E0500	Remove Pipe Culvert	Ft	2,219.00	77,975.83	35.14	45.71	20
110E0510	Remove Pipe End Section	Each	333.00	91,190.08	273.84	357.81	24
110E0520	Remove Sewer Pipe	Ft	505.00	9,805.50	19.42	18.51	3
110E0530	Remove Storm Sewer Pipe	Ft	1,258.00	40,168.80	31.93	25.55	3
110E0550	Remove Cattle Guard	Each	3.00	4,550.00	1,516.67	1,572.78	2
110E0590	Remove Cattle Pass	Ft	42.00	4,620.00	110.00	106.67	1
110E0595	Remove Cattle Pass End Section	Each	9.00	6,040.84	671.20	1,342.47	4
110E0600	Remove Fence	Ft	652,882.00	263,983.16	0.40	0.41	30
110E0605	Remove Chain Link Fence	Ft	10,155.00	59,662.85	5.88	6.09	2
110E0655	Remove Interim Crossover Closure	Ft	480.00	1,776.00	3.70	2.93	2
110E0700	Remove 3 Cable Guardrail	Ft	55,503.00	112,167.20	2.02	2.00	16
110E0707	Remove High Tension 4 Cable Guardrail	Ft	768.00	1,536.00	2.00	2.21	1
110E0730	Remove Beam Guardrail	Ft	93,238.60	382,519.86	4.10	4.43	32
110E0740	Remove 3 Cable Guardrail Anchor Assembly	Each	227.00	59,692.06	262.96	233.68	15

**South Dakota Department of Transportation
2020 Average Unit Price Report**

Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
110E0745	Remove 3 Cable Guardrail Slip Base Anchor Assembly	Each	89.00	30,012.02	337.21	310.27	12
110E0749	Remove High Tension 4 Cable Guardrail Anchor Assembly	Each	5.00	750.00	150.00	222.50	1
110E0770	Remove W Beam Guardrail Breakaway Cable Terminal	Each	2.00	520.00	260.00	275.50	1
110E0800	Remove W Beam Guardrail End Terminal	Each	52.00	12,972.80	249.48	262.90	4
110E0810	Remove Rubrail	Ft	528.40	2,789.17	5.28	5.21	4
110E1010	Remove Asphalt Concrete Pavement	SqYd	124,532.60	753,108.83	6.05	7.60	51
110E1050	Remove Asphalt Concrete Approach Pavement	SqYd	4,805.40	17,852.15	3.72	3.92	2
110E1100	Remove Concrete Pavement	SqYd	784,128.40	4,229,283.90	5.39	5.84	24
110E1120	Remove Concrete Median Pavement	SqYd	2,141.50	20,529.92	9.59	9.87	6
110E1130	Remove Concrete Driveway Pavement	SqYd	7,355.90	60,334.30	8.20	7.56	10
110E1140	Remove Concrete Sidewalk	SqYd	16,261.40	169,855.60	10.45	9.27	22
110E1300	Remove Concrete Retaining Wall	Ft	278.00	9,224.50	33.18	25.52	3
110E1305	Remove Timber Retaining Wall	Ft	37.00	6,290.00	170.00	114.10	1
110E1510	Remove Luminaire Pole	Each	32.00	5,870.00	183.44	229.61	4
110E1520	Remove Signal Equipment	LS	7.00	50,655.16	7,236.45	7,710.91	7
110E1530	Remove Signal Pole Footing	Each	25.00	14,124.21	564.97	646.91	7
110E1540	Remove Luminaire Pole Footing	Each	140.00	64,684.96	462.04	477.09	12
110E1550	Remove Light Tower	Each	4.00	14,000.00	3,500.00	3,714.32	1
110E1600	Remove Riprap	SqYd	790.20	3,976.74	5.03	10.87	2
110E1640	Remove Granular Material	CuYd	2,593.40	12,967.00	5.00	4.51	1
110E1690	Remove Sediment	CuYd	248.30	11,196.36	45.09	41.91	44
110E1693	Remove Erosion Control Wattle	Ft	8,292.00	10,422.40	1.26	1.18	17
110E1695	Remove Sediment Filter Bag	Ft	12,079.00	18,683.85	1.55	1.01	13
110E1700	Remove Silt Fence	Ft	54,023.00	43,111.79	0.80	0.72	48
110E1910	Remove Fire Hydrant	Each	2.00	990.00	495.00	491.17	1
110E1940	Remove Underground Storage Tank	Each	3.00	15,000.00	5,000.00	8,320.20	1
110E1960	Remove Valve Box	Each	24.00	4,480.00	186.67	189.16	2
110E1965	Remove Gate Valve	Each	20.00	6,300.00	315.00	317.36	2
110E1970	Remove Water Main	Ft	572.00	11,164.00	19.52	17.01	2
110E4290	Salvage Beam Guardrail	Ft	756.00	6,186.00	8.18	6.25	2
110E4330	Salvage W Beam Guardrail	Ft	3,175.40	13,336.68	4.20	18.33	1
110E5010	Salvage Delineator	Each	23.00	115.00	5.00	5.00	1
110E5020	Salvage Traffic Sign	Each	5,222.00	84,238.00	16.13	14.58	8
110E5100	Salvage Luminaire Pole	Each	118.00	46,959.55	397.96	400.73	4
110E5105	Salvage Luminaire	Each	26.00	704.00	27.08	28.45	2
110E5110	Salvage Signal Equipment	LS	5.00	10,253.31	2,050.66	2,278.72	5
110E5451	Salvage Riprap	Ton	1,990.00	30,285.00	15.22	17.24	2
110E5600	Salvage Cattle Guard	Each	3.00	4,720.00	1,573.33	1,605.71	2
110E5700	Salvage Manhole Frame and Lid	Each	9.00	1,585.50	176.17	172.40	2
110E5720	Salvage Drop Inlet Frame and Grate Assembly	Each	69.00	13,585.00	196.88	187.27	2
110E5740	Salvage Fire Hydrant	Each	1.00	510.00	510.00	735.39	1
110E5750	Salvage Fire Hydrant with Valve and Box	Each	8.00	5,973.72	746.72	948.09	2
110E6005	Remove High Tension 3 Cable Guardrail for Reset	Ft	563.00	1,300.53	2.31	2.24	1
110E6006	Remove High Tension 4 Cable Guardrail for Reset	Ft	127.00	990.60	7.80	8.15	1
110E6015	Remove High Tension 3 Cable Guardrail Anchor Assembly for Reset	Each	2.00	630.00	315.00	305.00	1
110E6016	Remove High Tension 4 Cable Guardrail Anchor Assembly for Reset	Each	1.00	785.00	785.00	817.50	1
110E6200	Remove Double Thrie Beam Guardrail for Reset	Ft	12.50	65.00	5.20	5.52	1
110E6210	Remove Thrie Beam Guardrail for Reset	Ft	150.00	750.00	5.00	5.15	1
110E6230	Remove W Beam Guardrail for Reset	Ft	65.00	785.00	12.08	11.27	2
110E6240	Remove W Beam to Thrie Beam Guardrail Transition for Reset	Each	1.00	156.00	156.00	160.67	1

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Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
110E6250	Remove Beam Guardrail Trailing End Terminal for Reset	Each	3.00	976.50	325.50	315.17	1
110E6410	Remove Type 1 MGS for Reset	Ft	987.50	1,992.50	2.02	2.08	3
110E6500	Remove Type 1 Guardrail Transition for Reset	Each	12.00	2,421.16	201.76	206.70	2
110E6616	Remove MGS Flared End Terminal for Reset	Each	13.00	3,312.00	254.77	264.36	2
110E7000	Remove Crossover Closure for Reset	Ft	2,176.00	4,516.48	2.08	2.23	5
110E7020	Remove Interim Crossover Closure for Reset	Ft	512.00	670.72	1.31	1.27	1
110E7040	Remove Gate for Reset	Each	22.00	2,457.00	111.68	129.11	5
110E7150	Remove Sign for Reset	Each	1,405.00	36,861.49	26.24	30.52	27
110E7152	Remove Delineator for Reset	Each	1,155.00	10,234.48	8.86	8.50	7
110E7500	Remove Pipe for Reset	Ft	1,614.00	59,223.24	36.69	46.73	21
110E7510	Remove Pipe End Section for Reset	Each	390.00	118,445.63	303.71	362.33	30
110E7530	Remove Cattle Pass for Reset	Ft	100.00	9,301.00	93.01	113.69	3
110E7540	Remove Cattle Pass End Section for Reset	Each	13.00	8,764.58	674.20	810.22	6
110E7600	Remove Cattle Guard for Reset	Each	2.00	3,180.00	1,590.00	1,426.67	1
110E7690	Remove Drop Inlet for Reset	Each	3.00	2,510.00	836.67	827.89	2
110E7700	Remove Drop Inlet Frame and Grate Assembly for Reset	Each	37.00	20,521.26	554.63	402.76	7
110E7710	Remove Manhole Frame and Lid for Reset	Each	1.00	330.00	330.00	455.67	1
110E7800	Remove Chain Link Fence for Reset	Ft	5,182.00	27,814.94	5.37	5.46	2
110E7802	Remove Fence for Reset	Ft	2,533.00	7,897.40	3.12	2.16	8
120E0010	Unclassified Excavation	CuYd	6,505,135.00	20,525,786.04	3.16	3.42	73
120E0020	Unclassified Excavation	LS	2.00	58,500.00	29,250.00	25,416.67	2
120E0200	Unclassified Excavation, Structure	CuYd	40.00	4,000.00	100.00	103.76	1
120E0300	Borrow Unclassified Excavation	CuYd	73,170.00	441,895.50	6.04	5.72	3
120E0500	Option Borrow Excavation	CuYd	226,990.00	1,105,280.20	4.87	5.43	6
120E0600	Contractor Furnished Borrow Excavation	CuYd	782,783.00	7,687,257.70	9.82	10.52	51
120E0900	Contaminated Material Excavation	CuYd	400.00	23,800.00	59.50	69.26	4
120E1000	Muck Excavation	CuYd	65,628.00	462,256.99	7.04	7.93	15
120E1100	Unclassified/Rock Excavation	CuYd	755,625.00	5,073,678.50	6.71	7.50	2
120E2000	Undercutting	CuYd	1,261,998.00	1,662,544.12	1.32	1.71	28
120E3120	Bridge Berm Repair	Each	8.00	112,876.02	14,109.50	20,384.60	3
120E4100	Reprofiling Ditch	Sta	135.30	54,693.00	404.24	618.87	7
120E6000	Water for Dust Control	MGal	7,880.00	169,556.40	21.52	25.86	4
120E6200	Water for Granular Material	MGal	39,277.00	842,171.39	21.44	22.49	42
120E6300	Water for Vegetation	MGal	1,474.40	62,569.76	42.44	39.69	5
120E7000	Select Granular Backfill	Ton	4.00	108.00	27.00	47.33	1
120E7100	Select Rock Fill Material	CuYd	61.00	6,832.00	112.00	92.50	1
120E9000	Pit Run	Ton	66,302.80	951,618.44	14.35	13.92	7
205E0010	Dust Control Chloride	Lb	305,593.00	141,786.10	0.46	0.49	6
210E1000	Shoulder Preparation	Mile	123.09	635,627.09	5,164.09	3,750.08	9
210E1005	Surface Preparation	Mile	8.35	68,996.25	8,260.06	9,998.63	2
210E2000	Shoulder Shaping	Mile	75.80	465,798.50	6,145.10	5,769.80	4
210E3510	Heavy Roadway Shaping	SqYd	658.00	6,580.00	10.00	7.00	1
230E0010	Placing Topsoil	CuYd	632,640.00	1,777,184.92	2.81	3.11	42
230E0020	Contractor Furnished Topsoil	CuYd	27,403.00	914,425.50	33.37	31.60	14
230E0050	Soil Amendment	Lb	1,700.00	8,925.00	5.25	5.54	1
230E0100	Remove and Replace Topsoil	LS	37.00	1,028,335.09	27,792.84	28,336.43	37
240E0010	Obliterate Old Road	Sta	150.00	84,295.00	561.97	779.38	9
250E0010	Incidental Work	LS	19.00	454,275.00	23,909.21	19,455.35	19
250E0020	Incidental Work, Grading	LS	48.00	1,366,396.17	28,466.59	35,086.47	48
250E0030	Incidental Work, Structure	LS	21.00	5,323,912.27	253,519.63	242,415.16	21
260E0010	Subbase	Ton	100.00	5,664.00	56.64	58.70	1
260E1010	Base Course	Ton	755,852.60	15,270,383.89	20.20	22.09	69
260E1030	Base Course, Salvaged	Ton	1,032,442.10	7,197,488.18	6.97	7.81	38
260E1050	Base Course, Salvaged Asphalt Mix	Ton	2,594.90	41,022.60	15.81	24.12	3
260E1080	Base Course, Salvaged, State Furnished	Ton	16,111.30	125,261.60	7.77	11.71	4
260E1090	Base Course, State Furnished	Ton	3,074.50	24,596.00	8.00	9.20	1
260E2010	Gravel Cushion	Ton	276,633.50	5,165,169.21	18.67	18.32	16

**South Dakota Department of Transportation
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Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
260E2030	Gravel Cushion, Salvaged	Ton	161,459.60	1,071,382.73	6.64	9.46	3
260E3010	Gravel Surfacing	Ton	6,115.60	226,544.00	37.04	38.23	11
260E3020	Gravel Surfacing	CuYd	8.90	4,717.00	530.00	227.67	1
260E5000	Shot Rock	Ton	218.60	8,744.00	40.00	42.50	1
260E6000	Granular Material, Furnish	Ton	247,534.10	3,997,047.99	16.15	16.83	27
260E6010	Granular Material	Ton	7,224.00	161,070.00	22.30	20.31	2
270E0020	Salvage and Stockpile Asphalt Mix Material	Ton	71,443.30	683,914.21	9.57	10.74	6
270E0022	Salvage Asphalt Mix Material	Ton	49,283.10	340,671.11	6.91	6.29	2
270E0040	Salvage and Stockpile Asphalt Mix and Granular Base Material	Ton	796,797.70	5,367,968.49	6.74	7.25	22
270E0042	Salvage Asphalt Mix and Granular Base Material	Ton	3,698.70	29,589.60	8.00	8.00	1
270E0110	Salvage and Stockpile Granular Material	Ton	318,514.10	1,880,068.65	5.90	4.29	7
270E0112	Salvage Granular Material	Ton	42,839.70	300,752.18	7.02	5.79	2
270E0200	Blend, Haul, and Stockpile Granular Material	Ton	209,492.70	1,489,252.99	7.11	6.93	12
270E0210	Haul and Stockpile Granular Material	Ton	28,191.60	358,654.00	12.72	11.10	6
270E0220	Blend and Stockpile Granular Material	Ton	353,650.00	2,193,807.23	6.20	5.95	14
270E0310	Haul Material	Ton	3,790.00	11,559.50	3.05	3.05	1
280E0010	Full Depth Reclamation	SqYd	396,178.00	515,031.40	1.30	1.27	1
280E0020	Full Depth Reclamation, Shoulder	SqYd	257,671.00	273,759.05	1.06	1.17	2
320E0005	PG 58-34 Asphalt Binder	Ton	42,859.80	23,960,780.48	559.05	555.37	27
320E0007	PG 64-28 Asphalt Binder	Ton	871.50	579,453.00	664.89	713.60	2
320E0008	PG 64-34 Asphalt Binder	Ton	28,463.80	17,062,417.81	599.44	596.54	21
320E0402	Asphalt Repair Mastic Type 2	Lb	1,181,412.00	1,159,390.79	0.98	1.03	4
320E1002	Class Q2 Hot Mixed Asphalt Concrete	Ton	89,981.50	3,734,232.25	41.50	43.02	1
320E1003	Class Q3 Hot Mixed Asphalt Concrete	Ton	213,945.10	9,003,974.78	42.09	47.14	4
320E1050	Class E Asphalt Concrete	Ton	156,197.70	7,428,112.64	47.56	48.05	13
320E1060	Class G Asphalt Concrete	Ton	6,581.00	329,050.00	50.00	52.64	1
320E1070	Class HR Asphalt Concrete	Ton	200,309.00	9,118,895.03	45.52	47.22	7
320E1080	Class S Asphalt Concrete	Ton	96,191.10	3,948,468.24	41.05	45.29	4
320E1200	Asphalt Concrete Composite	Ton	73,688.30	8,558,139.28	116.14	124.57	51
320E1202	Class Q2R Hot Mixed Asphalt Concrete	Ton	141,720.30	5,025,482.35	35.46	41.66	5
320E1203	Class Q3R Hot Mixed Asphalt Concrete	Ton	549,607.40	22,252,122.55	40.49	42.74	13
320E1400	Contractor Furnished Asphalt Concrete	Ton	4,000.00	166,000.00	41.50	46.43	1
320E1800	Asphalt Concrete Blade Laid	Ton	25,485.80	1,243,300.16	48.78	56.43	12
320E1810	Asphalt Concrete Leveling Lift	Ton	26,347.30	958,434.90	36.38	42.39	3
320E2500	Asphalt Concrete Curb	Ft	50.00	5,100.00	102.00	88.83	1
320E3000	Compaction Sample	Each	131.00	34,063.75	260.03	322.88	20
320E3100	Stabilizing Additive for Asphalt Concrete	Ton	262.80	272,435.50	1,036.66	911.42	4
320E4000	Hydrated Lime	Ton	10,050.40	2,148,340.96	213.76	200.03	26
320E5000	Saw and Seal Joint in Asphalt Concrete	Ft	148,128.00	84,684.44	0.57	0.66	2
320E5010	Saw and Seal Shoulder Joint	Ft	725,336.00	484,973.35	0.67	0.72	5
320E5020	Saw Joint in Asphalt Concrete	Ft	253,794.00	93,905.30	0.37	0.76	2
320E6000	Temporary Asphalt	Ton	1,658.00	285,756.30	172.35	164.12	1
320E7008	Grind 8" Rumble Strip or Stripe in Asphalt Concrete	Mile	767.50	513,908.41	669.59	635.22	14
320E7012	Grind 12" Rumble Strip or Stripe in Asphalt Concrete	Mile	581.30	470,233.56	808.93	798.45	31
320E7030	Grind Sinusoidal Centerline Rumble Stripe in Asphalt Concrete	Mile	84.80	126,846.74	1,495.83	1,595.13	9
320E7035	Grind Sinusoidal Transverse Rumble Strip in Asphalt Concrete	SqFt	5,096.00	68,811.68	13.50	17.45	7
320E7600	Asphalt Joint Adhesive	Ft	217,576.00	194,461.40	0.89	0.90	3
330E0010	MC-70 Asphalt for Prime	Ton	3,875.00	3,325,754.79	858.26	901.68	33
330E0100	SS-1h or CSS-1h Asphalt for Tack	Ton	5,349.90	3,165,095.09	591.62	601.36	46
330E0210	SS-1h or CSS-1h Asphalt for Flush Seal	Ton	1,927.20	1,599,100.05	829.75	851.97	47
330E0300	SS-1h or CSS-1h Asphalt for Fog Seal	Ton	2,084.00	1,481,323.12	710.81	723.01	13
330E1000	Blotting Sand for Prime	Ton	2,834.30	114,752.90	40.49	48.92	5
330E2000	Sand for Flush Seal	Ton	19,548.50	1,021,417.65	52.25	53.32	43
330E3000	Sand for Fog Seal	Ton	317.00	8,025.00	25.32	23.17	9
332E0010	Cold Milling Asphalt Concrete	SqYd	4,866,018.00	5,260,361.79	1.08	1.26	40

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Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
350E0010	Asphalt Concrete Crack Sealing	Lb	639,140.00	1,035,934.21	1.62	1.88	10
360E0020	AE150S Asphalt for Surface Treatment	Ton	4,700.20	2,087,098.30	444.04	465.01	7
360E0042	CRS-2P Asphalt for Surface Treatment	Ton	6,152.40	3,470,035.10	564.01	569.55	6
360E1010	Type 1A Cover Aggregate	Ton	7,648.70	441,929.70	57.78	53.41	4
360E1020	Type 1B Cover Aggregate	Ton	15,622.20	670,095.07	42.89	48.00	4
360E1030	Type 2A Cover Aggregate	Ton	13,357.60	567,421.36	42.48	43.77	3
360E1040	Type 2B Cover Aggregate	Ton	11,510.20	468,649.30	40.72	41.44	7
360E1050	Type 3 Cover Aggregate	Ton	7,609.90	248,740.50	32.69	37.43	2
380E0010	6" Nonreinforced PCC Pavement	SqYd	333.90	28,381.50	85.00	81.77	2
380E0050	8" Nonreinforced PCC Pavement	SqYd	4,293.70	221,785.30	51.65	58.59	2
380E0060	8.5" Nonreinforced PCC Pavement	SqYd	42,963.60	2,872,116.66	66.85	65.95	1
380E0070	9" Nonreinforced PCC Pavement	SqYd	109,270.30	5,032,269.75	46.05	45.55	6
380E0080	9.5" Nonreinforced PCC Pavement	SqYd	4,853.90	409,841.05	84.44	94.95	2
380E0090	10" Nonreinforced PCC Pavement	SqYd	65,753.50	4,347,765.16	66.12	67.89	6
380E0100	10.5" Nonreinforced PCC Pavement	SqYd	374,331.10	16,759,549.38	44.77	46.22	3
380E0110	11" Nonreinforced PCC Pavement	SqYd	9,316.30	689,406.20	74.00	68.93	1
380E0120	11.5" Nonreinforced PCC Pavement	SqYd	252,295.40	11,879,178.40	47.08	46.97	2
380E0540	10" Continuously Reinforced PCC Pavement	SqYd	26.00	16,900.00	650.00	873.00	1
380E0800	PCC Shoulder Pavement	SqYd	27,801.00	1,636,338.20	58.86	61.86	6
380E1120	Miscellaneous PCC Pavement	SqYd	16.80	3,780.00	225.00	300.00	1
380E1500	PCC Overlay, Furnish	CuYd	47,032.50	4,701,839.03	99.97	106.99	1
380E1580	8" PCC Overlay, Placement	SqYd	189,711.70	1,162,932.72	6.13	6.88	1
380E2554	4" Barrier Type Median PCC Pavement	SqYd	1,285.30	101,750.30	79.16	76.84	3
380E2556	6" Barrier Type Median PCC Pavement	SqYd	90.00	9,112.50	101.25	95.62	1
380E2558	8" Barrier Type Median PCC Pavement	SqYd	5.80	609.00	105.00	113.61	1
380E2564	4" Barrier Type Colored Median PCC Pavement	SqYd	3,155.70	216,543.44	68.62	78.22	3
380E2574	4" Barrier Type Colored and Patterned Median PCC Pavement	SqYd	2,939.40	124,882.13	42.49	93.15	2
380E3020	6" PCC Driveway Pavement	SqYd	345.00	26,139.00	75.77	75.67	4
380E3040	8" PCC Driveway Pavement	SqYd	1,614.30	140,741.50	87.18	87.75	3
380E3520	6" PCC Approach Pavement	SqYd	2,567.30	191,613.85	74.64	69.96	10
380E3525	6" Reinforced PCC Approach Pavement	SqYd	55.60	4,062.14	73.06	79.35	1
380E3540	8" PCC Approach Pavement	SqYd	1,474.40	135,535.55	91.93	92.34	7
380E4010	6" PCC Fillet Section	SqYd	107.40	10,650.65	99.17	110.97	3
380E4050	8" PCC Fillet Section	SqYd	1,790.00	194,554.90	108.69	119.98	6
380E4060	8.5" PCC Fillet Section	SqYd	1,499.30	178,641.60	119.15	112.38	1
380E4070	9" PCC Fillet Section	SqYd	150.00	22,500.00	150.00	153.33	1
380E4080	9.5" PCC Fillet Section	SqYd	2,837.60	340,512.00	120.00	132.33	1
380E4090	10" PCC Fillet Section	SqYd	130.60	17,057.86	130.61	123.31	2
380E4906	6" PCC Ditch Liner	SqYd	848.00	76,320.00	90.00	89.35	1
380E5010	Fast Track Concrete	SqYd	5,599.90	569,238.93	101.65	100.58	2
380E5020	Fast Track Concrete for PCC Pavement Repair	SqYd	780.40	236,700.90	303.31	268.97	2
380E5030	Nonreinforced PCC Pavement Repair	SqYd	20,364.90	3,268,989.52	160.52	187.26	9
380E5100	Continuously Reinforced PCC Pavement Repair	SqYd	870.80	287,364.00	330.00	596.67	1
380E6000	Dowel Bar	Each	503,529.00	4,572,859.23	9.08	9.20	21
380E6110	Insert Steel Bar in PCC Pavement	Each	47,079.00	687,232.89	14.60	14.67	20
380E6200	Tie Bar Retrofit, Stitching	Each	828.00	21,504.25	25.97	28.90	2
380E6300	Reseal PCC Pavement Joint - Silicone	Ft	243,515.00	594,072.60	2.44	2.41	3
380E6302	Reseal PCC Pavement Joint - Hot Pour	Ft	599,649.00	1,191,617.54	1.99	2.02	6
380E6310	Seal Random Cracks in PCC Pavement	Ft	5,779.00	24,707.73	4.28	4.59	5
380E6340	Reseal Special, Variable Width Pavement Joint, Hot Pour	Ft	84,533.00	105,666.25	1.25	1.73	1
380E6450	Saw Joint in PCC Pavement	Ft	161,837.00	135,943.08	0.84	0.84	1
380E6500	Planing PCC Pavement	SqYd	2,367.40	40,980.75	17.31	12.23	4
380E6510	Grinding PCC Pavement	SqYd	428,090.00	1,710,004.54	3.99	4.08	2
380E6545	Grind 12" Rumble Strip or Stripe in PCC Pavement	Mile	14.70	36,240.38	2,465.33	2,372.22	2
390E0200	Repair Type A Spall	SqFt	4,333.60	501,838.70	115.80	157.31	8

**South Dakota Department of Transportation
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Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
393E0100	Cracking and Sealing PCC Pavement	SqYd	92,976.00	39,049.92	0.42	0.46	1
410E0020	Structural Steel	LS	3.00	10,569,800.00	3,523,266.67	4,432,325.89	3
410E0030	Structural Steel, Miscellaneous	LS	8.00	295,697.41	36,962.18	38,151.27	8
410E0700	Abutment Joint Drain	Each	2.00	50,000.00	25,000.00	23,166.67	1
410E2100	Finger Type Expansion Joint Assembly	Each	2.00	520,000.00	260,000.00	253,333.33	1
410E2500	Inverted V Shaped Seal Joint	Ft	85.00	13,430.00	158.00	194.51	1
410E2600	Membrane Sealant Expansion Joint	Ft	3,916.70	427,922.95	109.26	117.82	13
411E0100	Bridge Painting	LS	2.00	171,900.00	85,950.00	85,384.49	2
412E0100	Bridge Repainting, Class I	LS	1.00	1,165.73	1,165.73	3,082.86	1
412E0120	Bridge Repainting, Class II	LS	1.00	258,120.00	258,120.00	254,019.58	1
412E0500	Paint Residue Containment	LS	1.00	124,650.00	124,650.00	122,668.78	1
420E0100	Structure Excavation, Bridge	CuYd	10,001.00	1,484,051.50	148.39	180.40	9
420E0200	Structure Excavation, Box Culvert	CuYd	4,291.00	207,111.10	48.27	53.82	21
420E0300	Structure Excavation, Retaining Wall	CuYd	9,315.00	145,526.83	15.62	60.58	4
420E0400	Structure Excavation, Miscellaneous	CuYd	249.00	27,584.00	110.78	153.23	5
421E0200	Box Culvert Undercut	CuYd	9,974.00	1,078,997.26	108.18	111.16	21
421E1000	Footing Undercut	CuYd	319.00	23,637.71	74.10	109.05	5
421E2040	4" Extruded Polystyrene Insulation Board	SqYd	11.00	869.00	79.00	48.00	1
430E0200	Bridge End Embankment	CuYd	17,601.00	573,742.00	32.60	31.07	11
430E0300	Granular Bridge End Backfill	CuYd	2,558.10	325,386.44	127.20	134.16	12
430E0510	Approach Slab Underdrain Excavation	CuYd	68.90	7,936.48	115.19	126.06	8
430E0700	Precast Concrete Headwall for Drain	Each	779.00	297,940.30	382.47	363.28	11
450E0102	12" RCP Class 2, Furnish	Ft	540.00	10,673.12	19.77	23.00	6
450E0103	12" RCP Class 3, Furnish	Ft	700.00	16,049.00	22.93	23.82	3
450E0110	12" RCP, Install	Ft	1,240.00	49,159.04	39.64	42.59	9
450E0112	15" RCP Class 2, Furnish	Ft	42.00	1,119.30	26.65	27.36	1
450E0113	15" RCP Class 3, Furnish	Ft	106.00	2,017.18	19.03	20.18	1
450E0114	15" RCP Class 4, Furnish	Ft	36.00	1,548.00	43.00	40.38	1
450E0120	15" RCP, Install	Ft	184.00	7,276.00	39.54	39.66	3
450E0122	18" RCP Class 2, Furnish	Ft	22,780.00	535,263.60	23.50	24.62	23
450E0123	18" RCP Class 3, Furnish	Ft	1,570.00	39,169.00	24.95	22.13	2
450E0124	18" RCP Class 4, Furnish	Ft	32.00	1,504.00	47.00	44.18	1
450E0130	18" RCP, Install	Ft	24,382.00	1,158,775.26	47.53	48.36	25
450E0142	24" RCP Class 2, Furnish	Ft	11,750.00	394,817.66	33.60	37.85	31
450E0143	24" RCP Class 3, Furnish	Ft	1,840.00	53,042.94	28.83	38.41	3
450E0144	24" RCP Class 4, Furnish	Ft	762.00	27,443.76	36.02	43.87	3
450E0145	24" RCP Class 5, Furnish	Ft	362.00	11,605.72	32.06	47.07	1
450E0150	24" RCP, Install	Ft	14,714.00	804,273.26	54.66	53.49	32
450E0162	30" RCP Class 2, Furnish	Ft	4,396.00	219,780.32	50.00	50.62	18
450E0163	30" RCP Class 3, Furnish	Ft	652.00	26,053.50	39.96	49.26	2
450E0164	30" RCP Class 4, Furnish	Ft	298.00	11,315.06	37.97	56.45	1
450E0165	30" RCP Class 5, Furnish	Ft	424.00	23,820.32	56.18	74.84	1
450E0170	30" RCP, Install	Ft	5,770.00	314,963.94	54.59	58.00	18
450E0182	36" RCP Class 2, Furnish	Ft	1,686.00	115,365.08	68.43	70.20	12
450E0183	36" RCP Class 3, Furnish	Ft	520.00	25,859.60	49.73	70.66	1
450E0184	36" RCP Class 4, Furnish	Ft	494.00	36,499.00	73.88	85.85	2
450E0185	36" RCP Class 5, Furnish	Ft	1,180.00	113,157.54	95.90	105.10	2
450E0190	36" RCP, Install	Ft	3,880.00	239,067.76	61.62	59.05	13
450E0192	42" RCP Class 2, Furnish	Ft	1,178.00	94,503.00	80.22	95.36	5
450E0193	42" RCP Class 3, Furnish	Ft	246.00	17,638.20	71.70	93.24	1
450E0194	42" RCP Class 4, Furnish	Ft	120.00	10,032.00	83.60	105.52	1
450E0195	42" RCP Class 5, Furnish	Ft	260.00	29,213.60	112.36	138.27	1
450E0200	42" RCP, Install	Ft	1,804.00	135,506.40	75.11	73.23	6
450E0202	48" RCP Class 2, Furnish	Ft	1,110.00	126,912.84	114.34	118.01	10
450E0204	48" RCP Class 4, Furnish	Ft	502.00	78,440.00	156.25	155.06	2
450E0210	48" RCP, Install	Ft	1,612.00	121,202.00	75.19	78.93	11
450E0212	54" RCP Class 2, Furnish	Ft	686.00	105,487.92	153.77	159.88	6
450E0213	54" RCP Class 3, Furnish	Ft	8.00	1,444.80	180.60	167.27	1
450E0220	54" RCP, Install	Ft	694.00	52,283.20	75.34	97.43	7
450E0222	60" RCP Class 2, Furnish	Ft	272.00	42,382.32	155.82	181.24	5

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450E0223	60" RCP Class 3, Furnish	Ft	116.00	25,520.00	220.00	218.33	1
450E0224	60" RCP Class 4, Furnish	Ft	206.00	45,732.00	222.00	225.23	1
450E0230	60" RCP, Install	Ft	594.00	74,313.20	125.11	115.32	7
450E0232	66" RCP Class 2, Furnish	Ft	416.00	143,520.00	345.00	363.33	1
450E0240	66" RCP, Install	Ft	416.00	66,560.00	160.00	163.33	1
450E0242	72" RCP Class 2, Furnish	Ft	142.00	30,492.00	214.73	204.23	3
450E0243	72" RCP Class 3, Furnish	Ft	320.00	82,880.00	259.00	262.23	1
450E0250	72" RCP, Install	Ft	462.00	79,620.00	172.34	165.56	4
450E0262	84" RCP Class 2, Furnish	Ft	324.00	126,930.00	391.76	422.51	3
450E0270	84" RCP, Install	Ft	324.00	97,800.00	301.85	287.90	3
450E0400	12" RCP Bend, Furnish	Each	2.00	1,565.00	782.50	725.41	2
450E0401	12" RCP Bend, Install	Each	2.00	854.00	427.00	647.20	2
450E0404	15" RCP Bend, Furnish	Each	1.00	900.00	900.00	827.50	1
450E0405	15" RCP Bend, Install	Each	1.00	585.00	585.00	548.00	1
450E0408	18" RCP Bend, Furnish	Each	29.00	15,096.12	520.56	553.49	11
450E0409	18" RCP Bend, Install	Each	29.00	12,389.42	427.22	426.08	11
450E0416	24" RCP Bend, Furnish	Each	13.00	9,340.69	718.51	700.00	5
450E0417	24" RCP Bend, Install	Each	13.00	7,861.32	604.72	546.17	5
450E0424	30" RCP Bend, Furnish	Each	3.00	3,789.62	1,263.21	1,270.07	2
450E0425	30" RCP Bend, Install	Each	3.00	1,832.02	610.67	611.56	2
450E0428	36" RCP Bend, Furnish	Each	6.00	1,098.18	183.03	233.34	1
450E0429	36" RCP Bend, Install	Each	6.00	3,386.70	564.45	749.46	1
450E0436	48" RCP Bend, Furnish	Each	1.00	3,500.00	3,500.00	3,361.67	1
450E0437	48" RCP Bend, Install	Each	1.00	800.00	800.00	1,085.00	1
450E0440	54" RCP Bend, Furnish	Each	2.00	4,922.40	2,461.20	2,120.78	1
450E0441	54" RCP Bend, Install	Each	2.00	2,940.00	1,470.00	1,005.00	1
450E0700	RCP Tee, Furnish	Each	24.00	30,433.50	1,268.06	1,150.10	10
450E0701	RCP Tee, Install	Each	24.00	18,723.25	780.14	659.92	10
450E1000	RCP Wye, Furnish	Each	1.00	2,750.00	2,750.00	2,619.00	1
450E1001	RCP Wye, Install	Each	1.00	800.00	800.00	1,416.67	1
450E1200	RCP Increaser, Furnish	Each	3.00	8,495.47	2,831.82	2,578.72	3
450E1201	RCP Increaser, Install	Each	3.00	2,019.50	673.17	684.00	3
450E1600	RCP Energy Dissipater Ring, Furnish	Each	5.00	8,804.25	1,760.85	1,815.69	1
450E1601	RCP Energy Dissipater Ring, Install	Each	5.00	3,150.00	630.00	725.00	1
450E2000	12" RCP Flared End, Furnish	Each	8.00	3,138.24	392.28	384.57	4
450E2001	12" RCP Flared End, Install	Each	8.00	2,820.00	352.50	340.57	4
450E2004	15" RCP Flared End, Furnish	Each	2.00	975.00	487.50	492.78	2
450E2005	15" RCP Flared End, Install	Each	2.00	918.24	459.12	483.54	2
450E2008	18" RCP Flared End, Furnish	Each	66.00	41,061.45	622.14	633.32	10
450E2009	18" RCP Flared End, Install	Each	66.00	23,033.15	348.99	366.94	10
450E2016	24" RCP Flared End, Furnish	Each	12.00	11,290.10	940.84	971.65	9
450E2017	24" RCP Flared End, Install	Each	12.00	5,982.87	498.57	407.07	9
450E2024	30" RCP Flared End, Furnish	Each	7.00	6,647.96	949.71	1,044.14	3
450E2025	30" RCP Flared End, Install	Each	7.00	2,174.34	310.62	421.64	3
450E2028	36" RCP Flared End, Furnish	Each	48.00	59,438.13	1,238.29	1,218.86	12
450E2029	36" RCP Flared End, Install	Each	48.00	21,788.40	453.92	491.86	12
450E2032	42" RCP Flared End, Furnish	Each	32.00	37,602.16	1,175.07	1,174.00	5
450E2033	42" RCP Flared End, Install	Each	32.00	15,446.00	482.69	509.15	5
450E2036	48" RCP Flared End, Furnish	Each	26.00	37,472.00	1,441.23	1,490.87	8
450E2037	48" RCP Flared End, Install	Each	26.00	15,570.00	598.85	697.19	8
450E2040	54" RCP Flared End, Furnish	Each	9.00	14,235.45	1,581.72	1,600.31	4
450E2041	54" RCP Flared End, Install	Each	9.00	8,361.00	929.00	1,204.11	4
450E2044	60" RCP Flared End, Furnish	Each	9.00	15,460.00	1,717.78	1,762.80	6
450E2045	60" RCP Flared End, Install	Each	9.00	9,426.00	1,047.33	1,117.32	6
450E2048	66" RCP Flared End, Furnish	Each	8.00	25,320.00	3,165.00	3,276.67	1
450E2049	66" RCP Flared End, Install	Each	8.00	20,000.00	2,500.00	2,600.00	1
450E2052	72" RCP Flared End, Furnish	Each	7.00	18,155.10	2,593.59	2,404.79	3
450E2053	72" RCP Flared End, Install	Each	7.00	9,927.50	1,418.21	1,325.39	3
450E2060	84" RCP Flared End, Furnish	Each	5.00	21,015.00	4,203.00	4,240.29	3
450E2061	84" RCP Flared End, Install	Each	5.00	7,600.00	1,520.00	1,628.13	3

**South Dakota Department of Transportation
2020 Average Unit Price Report**

Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
450E2200	24" RCP Sloped End, Furnish	Each	207.00	121,121.76	585.13	594.50	23
450E2201	24" RCP Sloped End, Install	Each	207.00	76,751.96	370.78	391.12	23
450E2204	30" RCP Sloped End, Furnish	Each	88.00	82,068.90	932.60	881.93	15
450E2205	30" RCP Sloped End, Install	Each	88.00	43,197.34	490.88	508.52	15
450E2211	42" RCP Sloped End with Bars, Furnish	Each	1.00	6,000.00	6,000.00	5,847.33	1
450E2213	42" RCP Sloped End, Install	Each	1.00	1,000.00	1,000.00	1,151.67	1
450E2220	54" RCP Sloped End, Furnish	Each	2.00	8,000.00	4,000.00	3,879.33	1
450E2221	54" RCP Sloped End, Install	Each	2.00	2,200.00	1,100.00	1,066.67	1
450E2304	18" RCP Safety End, Furnish	Each	86.00	49,322.94	573.52	549.23	10
450E2307	18" RCP Safety End, Install	Each	86.00	36,591.49	425.48	344.73	10
450E2308	24" RCP Safety End, Furnish	Each	14.00	25,938.92	1,852.78	1,098.92	3
450E2309	24" RCP Safety End with Bars, Furnish	Each	4.00	8,820.00	2,205.00	981.00	1
450E2311	24" RCP Safety End, Install	Each	18.00	9,208.75	511.60	431.85	3
450E3002	18" RCP Arch Class 2, Furnish	Ft	336.00	11,723.20	34.89	36.40	4
450E3004	18" RCP Arch Class 4, Furnish	Ft	284.00	10,341.30	36.41	38.06	2
450E3010	18" RCP Arch, Install	Ft	620.00	32,322.00	52.13	65.02	5
450E3012	24" RCP Arch Class 2, Furnish	Ft	418.00	18,800.14	44.98	49.91	4
450E3013	24" RCP Arch Class 3, Furnish	Ft	146.00	7,511.70	51.45	63.46	1
450E3020	24" RCP Arch, Install	Ft	564.00	36,791.00	65.23	56.85	4
450E3022	30" RCP Arch Class 2, Furnish	Ft	1,606.00	109,326.10	68.07	80.99	6
450E3030	30" RCP Arch, Install	Ft	1,606.00	68,922.74	42.92	54.94	6
450E3032	36" RCP Arch Class 2, Furnish	Ft	1,400.00	123,512.76	88.22	107.11	6
450E3034	36" RCP Arch Class 4, Furnish	Ft	306.00	37,341.18	122.03	126.48	1
450E3040	36" RCP Arch, Install	Ft	1,706.00	92,603.40	54.28	63.33	6
450E3042	42" RCP Arch Class 2, Furnish	Ft	4,974.00	447,009.96	89.87	92.58	5
450E3044	42" RCP Arch Class 4, Furnish	Ft	80.00	11,676.00	145.95	119.59	1
450E3050	42" RCP Arch, Install	Ft	5,054.00	245,548.94	48.59	64.23	5
450E3052	48" RCP Arch Class 2, Furnish	Ft	452.00	57,244.86	126.65	132.42	6
450E3060	48" RCP Arch, Install	Ft	452.00	37,332.60	82.59	95.97	6
450E3062	54" RCP Arch Class 2, Furnish	Ft	382.00	52,794.16	138.20	149.21	3
450E3064	54" RCP Arch Class 4, Furnish	Ft	188.00	36,321.60	193.20	191.59	1
450E3070	54" RCP Arch, Install	Ft	570.00	61,623.20	108.11	178.60	4
450E3072	60" RCP Arch Class 2, Furnish	Ft	26.00	4,420.00	170.00	177.86	1
450E3080	60" RCP Arch, Install	Ft	26.00	2,860.00	110.00	110.00	1
450E3312	24" RCP Arch Bend, Furnish	Each	1.00	665.50	665.50	666.92	1
450E3313	24" RCP Arch Bend, Install	Each	1.00	550.00	550.00	545.00	1
450E3328	42" RCP Arch Bend, Furnish	Each	3.00	4,434.92	1,478.31	1,510.65	2
450E3329	42" RCP Arch Bend, Install	Each	3.00	3,552.76	1,184.25	2,097.53	2
450E3332	48" RCP Arch Bend, Furnish	Each	1.00	3,250.00	3,250.00	3,562.20	1
450E3333	48" RCP Arch Bend, Install	Each	1.00	500.00	500.00	583.33	1
450E4500	18" RCP Arch Flared End, Furnish	Each	1.00	800.00	800.00	736.67	1
450E4501	18" RCP Arch Flared End, Install	Each	1.00	500.00	500.00	490.67	1
450E4512	36" RCP Arch Flared End, Furnish	Each	17.00	18,370.25	1,080.60	1,119.32	6
450E4513	36" RCP Arch Flared End, Install	Each	17.00	8,530.00	501.76	551.71	6
450E4516	42" RCP Arch Flared End, Furnish	Each	6.00	4,335.20	722.53	834.77	2
450E4517	42" RCP Arch Flared End, Install	Each	6.00	3,228.00	538.00	659.56	2
450E4520	48" RCP Arch Flared End, Furnish	Each	8.00	11,292.00	1,411.50	1,455.11	4
450E4521	48" RCP Arch Flared End, Install	Each	8.00	4,726.00	590.75	709.98	4
450E4524	54" RCP Arch Flared End, Furnish	Each	10.00	12,607.80	1,260.78	1,369.26	4
450E4525	54" RCP Arch Flared End, Install	Each	10.00	7,601.00	760.10	848.17	4
450E4600	24" RCP Arch Sloped End, Furnish	Each	11.00	6,242.50	567.50	573.54	4
450E4601	24" RCP Arch Sloped End, Install	Each	11.00	6,785.00	616.82	427.63	4
450E4604	30" RCP Arch Sloped End, Furnish	Each	14.00	10,450.00	746.43	802.19	3
450E4605	30" RCP Arch Sloped End, Install	Each	14.00	6,180.00	441.43	424.18	3
450E4608	42" RCP Arch Sloped End, Furnish	Each	2.00	1,880.00	940.00	781.67	1
450E4609	42" RCP Arch Sloped End, Install	Each	2.00	2,780.00	1,390.00	863.33	1
450E4650	18" RCP Arch Safety End, Furnish	Each	11.00	5,013.50	455.77	396.10	2
450E4653	18" RCP Arch Safety End, Install	Each	11.00	4,940.00	449.09	605.00	2
450E4699	Tie Bolts for RCP	Each	28.00	3,500.00	125.00	115.00	1
450E4739	12" CMP 16 Gauge, Furnish	Ft	1,198.00	23,411.80	19.54	20.66	5

**South Dakota Department of Transportation
2020 Average Unit Price Report**

Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
450E4740	12" CMP, Install	Ft	1,198.00	63,633.74	53.12	61.54	5
450E4749	15" CMP 16 Gauge, Furnish	Ft	372.00	8,316.80	22.36	21.19	3
450E4750	15" CMP, Install	Ft	372.00	6,309.20	16.96	24.15	3
450E4757	18" CMP 12 Gauge, Furnish	Ft	92.00	3,093.96	33.63	24.54	1
450E4758	18" CMP 14 Gauge, Furnish	Ft	4,110.00	117,121.48	28.50	33.42	11
450E4759	18" CMP 16 Gauge, Furnish	Ft	12,654.00	269,794.76	21.32	25.32	16
450E4760	18" CMP, Install	Ft	16,856.00	416,098.80	24.69	29.31	28
450E4767	24" CMP 12 Gauge, Furnish	Ft	88.00	4,156.24	47.23	35.08	1
450E4768	24" CMP 14 Gauge, Furnish	Ft	2,884.00	84,294.88	29.23	39.73	11
450E4769	24" CMP 16 Gauge, Furnish	Ft	1,442.00	36,730.40	25.47	34.21	6
450E4770	24" CMP, Install	Ft	4,414.00	141,375.32	32.03	33.68	17
450E4778	30" CMP 14 Gauge, Furnish	Ft	508.00	20,111.60	39.59	48.25	4
450E4779	30" CMP 16 Gauge, Furnish	Ft	474.00	15,280.96	32.24	38.94	3
450E4780	30" CMP, Install	Ft	982.00	36,516.40	37.19	43.17	7
450E4788	36" CMP 14 Gauge, Furnish	Ft	1,576.00	74,943.80	47.55	56.03	5
450E4789	36" CMP 16 Gauge, Furnish	Ft	120.00	4,007.50	33.40	60.78	2
450E4790	36" CMP, Install	Ft	1,696.00	72,228.80	42.59	45.80	7
450E4798	42" CMP 14 Gauge, Furnish	Ft	180.00	8,381.50	46.56	58.89	2
450E4799	42" CMP 16 Gauge, Furnish	Ft	14.00	1,005.06	71.79	72.30	1
450E4800	42" CMP, Install	Ft	194.00	10,224.00	52.70	45.50	3
450E4808	48" CMP 14 Gauge, Furnish	Ft	266.00	26,542.00	99.78	100.47	3
450E4810	48" CMP, Install	Ft	266.00	15,872.00	59.67	77.20	3
450E4838	66" CMP 14 Gauge, Furnish	Ft	246.00	22,855.86	92.91	99.11	1
450E4840	66" CMP, Install	Ft	246.00	17,220.00	70.00	52.97	1
450E5000	12" CMP Elbow, Furnish	Each	36.00	5,480.04	152.22	151.16	4
450E5001	12" CMP Elbow, Install	Each	36.00	7,880.04	218.89	289.62	4
450E5005	15" CMP Elbow, Furnish	Each	5.00	1,316.00	263.20	308.60	2
450E5006	15" CMP Elbow, Install	Each	5.00	1,065.00	213.00	195.15	2
450E5010	18" CMP Elbow, Furnish	Each	45.00	14,206.70	315.70	278.34	8
450E5011	18" CMP Elbow, Install	Each	45.00	14,065.80	312.57	323.02	8
450E5015	24" CMP Elbow, Furnish	Each	55.00	24,389.62	443.45	392.71	8
450E5016	24" CMP Elbow, Install	Each	55.00	10,414.72	189.36	195.28	8
450E5020	30" CMP Elbow, Furnish	Each	7.00	5,359.36	765.62	561.56	3
450E5021	30" CMP Elbow, Install	Each	7.00	1,455.00	207.86	239.07	3
450E5025	36" CMP Elbow, Furnish	Each	16.00	12,049.40	753.09	645.84	4
450E5026	36" CMP Elbow, Install	Each	16.00	4,710.00	294.38	334.97	4
450E5035	48" CMP Elbow, Furnish	Each	4.00	3,140.00	785.00	779.67	1
450E5036	48" CMP Elbow, Install	Each	4.00	1,628.00	407.00	448.33	1
450E5100	CMP Tee, Furnish	Each	1.00	335.00	335.00	311.67	1
450E5101	CMP Tee, Install	Each	1.00	300.00	300.00	266.67	1
450E5203	12" CMP Flared End, Furnish	Each	43.00	3,365.22	78.26	97.39	3
450E5204	12" CMP Flared End, Install	Each	43.00	7,219.10	167.89	309.23	3
450E5207	15" CMP Flared End, Furnish	Each	1.00	146.62	146.62	151.94	1
450E5208	15" CMP Flared End, Install	Each	1.00	436.60	436.60	452.46	1
450E5211	18" CMP Flared End, Furnish	Each	40.00	8,469.23	211.73	212.41	11
450E5212	18" CMP Flared End, Install	Each	40.00	12,321.24	308.03	342.10	11
450E5215	24" CMP Flared End, Furnish	Each	40.00	8,239.82	206.00	271.96	10
450E5216	24" CMP Flared End, Install	Each	40.00	9,649.86	241.25	298.96	10
450E5219	30" CMP Flared End, Furnish	Each	7.00	3,261.44	465.92	521.89	4
450E5220	30" CMP Flared End, Install	Each	7.00	2,845.00	406.43	422.71	4
450E5223	36" CMP Flared End, Furnish	Each	24.00	15,388.25	641.18	738.49	6
450E5224	36" CMP Flared End, Install	Each	24.00	10,203.33	425.14	437.42	6
450E5227	42" CMP Flared End, Furnish	Each	3.00	3,226.00	1,075.33	1,023.01	2
450E5228	42" CMP Flared End, Install	Each	3.00	1,200.00	400.00	345.34	2
450E5231	48" CMP Flared End, Furnish	Each	10.00	17,880.00	1,788.00	1,842.15	4
450E5232	48" CMP Flared End, Install	Each	10.00	9,400.00	940.00	1,187.60	4
450E5235	54" CMP Flared End, Furnish	Each	2.00	4,000.00	2,000.00	1,687.50	1
450E5236	54" CMP Flared End, Install	Each	2.00	1,500.00	750.00	875.00	1
450E5243	66" CMP Flared End, Furnish	Each	4.00	9,215.76	2,303.94	2,395.06	2
450E5244	66" CMP Flared End, Install	Each	4.00	2,799.96	699.99	720.83	2

**South Dakota Department of Transportation
2020 Average Unit Price Report**

Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
450E5302	15" CMP Sloped End, Furnish	Each	9.00	2,265.00	251.67	259.97	2
450E5303	15" CMP Sloped End, Install	Each	9.00	2,175.00	241.67	249.53	2
450E5306	18" CMP Sloped End, Furnish	Each	108.00	25,254.47	233.84	294.63	7
450E5307	18" CMP Sloped End, Install	Each	108.00	21,480.92	198.90	224.69	7
450E5310	24" CMP Sloped End, Furnish	Each	31.00	12,713.65	410.12	434.11	9
450E5311	24" CMP Sloped End, Install	Each	31.00	9,941.30	320.69	367.50	9
450E5314	30" CMP Sloped End, Furnish	Each	15.00	12,794.00	852.93	942.05	5
450E5315	30" CMP Sloped End, Install	Each	15.00	7,961.00	530.73	572.71	5
450E5318	36" CMP Sloped End, Furnish	Each	18.00	26,129.48	1,451.64	1,593.14	4
450E5319	36" CMP Sloped End, Install	Each	18.00	7,077.08	393.17	520.74	4
450E5322	42" CMP Sloped End, Furnish	Each	4.00	8,960.00	2,240.00	2,271.33	2
450E5323	42" CMP Sloped End, Install	Each	4.00	2,468.00	617.00	632.83	2
450E5326	48" CMP Sloped End, Furnish	Each	11.00	36,620.00	3,329.09	3,414.79	2
450E5327	48" CMP Sloped End, Install	Each	11.00	7,745.00	704.09	718.70	2
450E5330	54" CMP Sloped End, Furnish	Each	2.00	8,920.00	4,460.00	4,600.00	1
450E5331	54" CMP Sloped End, Install	Each	2.00	1,700.00	850.00	877.33	1
450E5402	15" CMP Safety End, Furnish	Each	2.00	170.00	85.00	95.00	1
450E5403	15" CMP Safety End, Install	Each	2.00	280.00	140.00	313.33	1
450E5405	18" CMP Safety End with Bars, Furnish	Each	2.00	1,238.00	619.00	579.33	1
450E5406	18" CMP Safety End, Furnish	Each	382.00	91,243.38	238.86	240.05	18
450E5407	18" CMP Safety End, Install	Each	384.00	72,437.26	188.64	237.64	19
450E5409	24" CMP Safety End with Bars, Furnish	Each	2.00	2,500.00	1,250.00	1,300.00	1
450E5410	24" CMP Safety End, Furnish	Each	54.00	21,100.35	390.75	370.85	7
450E5411	24" CMP Safety End, Install	Each	52.00	10,832.50	208.32	235.82	6
450E5414	30" CMP Safety End, Furnish	Each	18.00	27,218.00	1,512.11	1,351.28	3
450E5415	30" CMP Safety End with Bars, Furnish	Each	4.00	9,114.00	2,278.50	2,185.41	1
450E5417	30" CMP Safety End, Install	Each	22.00	7,535.00	342.50	339.14	4
450E5420	36" CMP Safety End, Furnish	Each	4.00	7,620.00	1,905.00	2,037.50	2
450E5423	36" CMP Safety End, Install	Each	4.00	1,300.00	325.00	413.25	2
450E5426	42" CMP Safety End, Furnish	Each	1.00	3,897.35	3,897.35	3,925.78	1
450E5429	42" CMP Safety End, Install	Each	1.00	384.61	384.61	387.54	1
450E5509	18" CMP Arch 16 Gauge, Furnish	Ft	324.00	8,179.12	25.24	25.13	2
450E5510	18" CMP Arch, Install	Ft	324.00	9,902.80	30.56	41.61	2
450E5520	24" CMP Arch, Install	Ft	56.00	2,240.00	40.00	43.05	1
450E5529	30" CMP Arch 16 Gauge, Furnish	Ft	130.00	3,900.00	30.00	38.00	1
450E5530	30" CMP Arch, Install	Ft	130.00	3,900.00	30.00	27.33	1
450E5539	36" CMP Arch 16 Gauge, Furnish	Ft	180.00	6,840.00	38.00	38.00	1
450E5540	36" CMP Arch, Install	Ft	180.00	6,480.00	36.00	36.67	1
450E5559	48" CMP Arch 14 Gauge, Furnish	Ft	264.00	15,308.56	57.99	60.80	2
450E5560	48" CMP Arch, Install	Ft	264.00	14,070.00	53.30	46.58	2
450E5802	18" CMP Arch Flared End, Furnish	Each	2.00	235.40	117.70	175.90	1
450E5803	18" CMP Arch Flared End, Install	Each	2.00	250.00	125.00	319.17	1
450E5822	48" CMP Arch Flared End, Furnish	Each	2.00	1,716.00	858.00	929.63	1
450E5823	48" CMP Arch Flared End, Install	Each	2.00	750.00	375.00	402.60	1
450E6006	18" CMP Arch Safety End, Furnish	Each	6.00	1,697.80	282.97	283.55	2
450E6007	18" CMP Arch Safety End, Install	Each	6.00	1,830.00	305.00	236.78	2
450E6010	24" CMP Arch Safety End, Furnish	Each	2.00	564.00	282.00	301.03	1
450E6011	24" CMP Arch Safety End, Install	Each	2.00	500.00	250.00	258.54	1
450E6015	30" CMP Arch Safety End with Bars, Furnish	Each	4.00	6,000.00	1,500.00	1,507.33	1
450E6017	30" CMP Arch Safety End, Install	Each	4.00	2,000.00	500.00	308.33	1
450E6021	36" CMP Arch Safety End with Bars, Furnish	Each	8.00	19,200.00	2,400.00	2,496.33	1
450E6023	36" CMP Arch Safety End, Install	Each	8.00	22,800.00	2,850.00	1,350.00	1
450E6033	48" CMP Arch Safety End with Bars, Furnish	Each	4.00	14,000.00	3,500.00	3,668.67	1
450E6035	48" CMP Arch Safety End, Install	Each	4.00	3,000.00	750.00	545.00	1
450E6110	12" Slotted CMP, Install	Ft	762.00	12,192.00	16.00	17.33	1
450E6119	15" Slotted CMP 16 Gauge, Furnish	Ft	96.00	6,528.00	68.00	62.00	1
450E6120	15" Slotted CMP, Install	Ft	96.00	1,920.00	20.00	30.00	1
450E7624	24" Steel Pipe, Furnish	Ft	130.00	19,500.00	150.00	131.33	1
450E7648	48" Steel Pipe, Furnish	Ft	710.00	165,672.00	233.34	220.66	3
450E7654	54" Steel Pipe, Furnish	Ft	260.00	81,900.00	315.00	293.33	1

**South Dakota Department of Transportation
2020 Average Unit Price Report**

Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
450E7998	12" CMP to RCP Transition, Furnish	Each	1.00	250.00	250.00	275.00	1
450E7999	12" RCP to CMP Transition, Furnish	Each	1.00	250.00	250.00	275.00	1
450E8000	12" Pipe Transition, Install	Each	2.00	500.00	250.00	276.67	1
450E8004	15" RCP to CMP Transition, Furnish	Each	1.00	265.00	265.00	273.06	1
450E8005	15" Pipe Transition, Install	Each	1.00	225.00	225.00	231.34	1
450E8009	18" RCP to CMP Transition, Furnish	Each	54.00	20,656.34	382.52	398.66	3
450E8010	18" Pipe Transition, Install	Each	54.00	17,085.74	316.40	261.26	3
450E8014	24" RCP to CMP Transition, Furnish	Each	30.00	10,005.02	333.50	382.28	5
450E8015	24" Pipe Transition, Install	Each	30.00	10,849.64	361.65	286.86	5
450E8019	30" RCP to CMP Transition, Furnish	Each	2.00	787.00	393.50	469.17	2
450E8020	30" Pipe Transition, Install	Each	2.00	833.00	416.50	375.36	2
450E8024	36" RCP to CMP Transition, Furnish	Each	5.00	2,117.00	423.40	509.07	2
450E8025	36" Pipe Transition, Install	Each	5.00	2,530.00	506.00	529.75	2
450E8034	48" RCP to CMP Transition, Furnish	Each	2.00	1,210.00	605.00	712.67	1
450E8035	48" Pipe Transition, Install	Each	4.00	7,126.00	1,781.50	1,614.67	2
450E8040	54" Pipe Transition, Install	Each	2.00	5,880.00	2,940.00	3,246.67	1
450E8300	Culvert Joint Cleaning	Ft	943.10	17,268.90	18.31	17.65	2
450E8305	Repair Culvert Joint	Ft	943.10	70,808.96	75.08	74.13	2
450E8310	Chemical Grout Void Fill	Gal	464.70	88,778.00	191.04	179.94	2
450E8500	Trash Guard, Furnish	Each	2.00	1,423.24	711.62	1,044.41	2
450E8501	Trash Guard, Install	Each	2.00	1,565.36	782.68	652.05	2
450E8600	Flap Gate	Each	1.00	2,382.00	2,382.00	2,709.90	1
450E8690	Sluice Gate	Each	2.00	23,900.00	11,950.00	12,646.43	2
450E8900	Cleanout Pipe Culvert	Each	174.00	267,640.24	1,538.16	2,299.92	23
450E8950	4" PVC Storm Sewer Service Cleanout	Each	1.00	540.88	540.88	225.04	1
450E9000	Reset Pipe	Ft	1,610.00	98,354.30	61.09	81.75	21
450E9001	Reset Pipe End Section	Each	390.00	191,306.05	490.53	499.07	31
450E9218	Slipline 18" Pipe	Ft	562.00	92,730.00	165.00	95.00	1
450E9224	Slipline 24" Pipe	Ft	160.00	32,000.00	200.00	170.00	1
450E9226	Slipline 30" Pipe	Ft	160.00	33,600.00	210.00	151.67	1
450E9228	Slipline 36" Pipe	Ft	240.00	56,400.00	235.00	183.33	1
450E9232	Slipline 48" Pipe	Ft	308.00	86,240.00	280.00	295.00	1
450E9248	Slipline 96" Pipe	Ft	656.00	623,200.00	950.00	821.67	1
450E9724	24" Fold and Form PVC Liner Pipe	Ft	947.00	169,134.20	178.60	179.89	2
450E9726	30" Fold and Form PVC Liner Pipe	Ft	333.00	82,147.50	246.69	280.36	2
451E0012	12" PVC Encasement Pipe	Ft	632.00	34,760.00	55.00	54.50	1
451E0014	14" PVC Encasement Pipe	Ft	60.00	7,590.00	126.50	125.42	1
451E0116	16" Steel Encasement Pipe	Ft	32.00	7,552.00	236.00	244.58	1
451E0120	20" Steel Encasement Pipe	Ft	125.00	11,563.75	92.51	99.26	1
451E0301	Pipe Encasement	Each	10.00	10,939.72	1,093.97	2,652.86	3
451E0401	1" High Density Polyethylene Pipe	Ft	10.00	605.00	60.50	60.08	1
451E0514	4" PVC Pipe	Ft	334.00	13,630.16	40.81	64.13	5
451E0516	6" PVC Pipe	Ft	296.00	8,212.00	27.74	25.00	3
451E0518	8" PVC Pipe	Ft	85.00	2,550.00	30.00	45.00	1
451E0522	12" PVC Pipe	Ft	98.00	3,430.00	35.00	55.00	1
451E0606	6" PVC Water Main	Ft	2,312.00	157,853.36	68.28	68.13	2
451E0610	10" PVC Water Main	Ft	40.00	6,400.00	160.00	170.00	1
451E0654	4" PVC Restrained Joint Water Main	Ft	283.00	15,082.69	53.30	63.61	2
451E0656	6" PVC Restrained Joint Water Main	Ft	163.00	10,435.56	64.02	76.31	2
451E0658	8" PVC Restrained Joint Water Main	Ft	1,740.00	131,693.35	75.69	77.51	2
451E0662	12" PVC Restrained Joint Water Main	Ft	1,185.00	115,205.73	97.22	104.13	2
451E0666	16" PVC Restrained Joint Water Main	Ft	215.00	31,067.50	144.50	172.83	1
451E0692	6" Water Main Restraining Device	Each	9.00	522.00	58.00	169.33	1
451E0694	10" Water Main Restraining Device	Each	16.00	2,240.00	140.00	246.67	1
451E0802	1" Copper Pipe	Ft	23.00	2,231.00	97.00	94.66	1
451E0806	1.5" Copper Pipe	Ft	24.00	2,520.00	105.00	101.80	1
451E1004	4" PVC Sewer Pipe	Ft	30.00	2,044.96	68.17	85.89	2
451E1008	8" PVC Sewer Pipe	Ft	3,650.00	248,755.72	68.15	68.27	6
451E1010	10" PVC Sewer Pipe	Ft	175.00	16,747.50	95.70	95.02	1
451E1204	4" Sewer Service	Ft	427.00	25,120.75	58.83	64.03	2

**South Dakota Department of Transportation
2020 Average Unit Price Report**

Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
451E1206	6" Sewer Service	Ft	838.00	49,747.50	59.36	65.86	2
451E1504	4" Sanitary Sewer Service Cleanout	Each	9.00	5,890.19	654.47	572.81	4
451E1506	6" Sanitary Sewer Service Cleanout	Each	15.00	11,193.00	746.20	697.81	2
451E2012	8"x4" Pipe Wye	Each	6.00	2,849.00	474.83	464.42	2
451E2013	8"x6" Pipe Wye	Each	8.00	3,960.00	495.00	491.17	1
451E2021	10"x6" Pipe Wye	Each	1.00	770.00	770.00	764.00	1
451E2207	6"x6" Pipe Tee	Each	9.00	5,940.00	660.00	654.67	1
451E2212	8"x4" Pipe Tee	Each	4.00	5,800.00	1,450.00	1,139.08	1
451E2213	8"x6" Pipe Tee	Each	8.00	11,800.00	1,475.00	1,184.26	1
451E2214	8"x8" Pipe Tee	Each	3.00	4,650.00	1,550.00	1,284.70	1
451E2231	12"x6" Pipe Tee	Each	3.00	2,989.17	996.39	1,206.03	1
451E2232	12"x8" Pipe Tee	Each	1.00	1,084.49	1,084.49	1,276.00	1
451E2234	12"x12" Pipe Tee	Each	2.00	2,453.82	1,226.91	1,475.89	1
451E2251	16"x6" Pipe Tee	Each	3.00	4,790.13	1,596.71	2,056.40	1
451E2307	6"x6" Pipe Cross	Each	2.00	1,540.00	770.00	764.00	1
451E2406	6"x4" Pipe Reducer	Each	2.00	990.00	495.00	491.17	1
451E2412	8"x4" Pipe Reducer	Each	1.00	648.72	648.72	532.79	1
451E2413	8"x6" Pipe Reducer	Each	2.00	2,050.00	1,025.00	810.38	1
451E2430	12"x4" Pipe Reducer	Each	1.00	789.62	789.62	833.94	1
451E2431	12"x6" Pipe Reducer	Each	1.00	771.00	771.00	827.73	1
451E2432	12"x8" Pipe Reducer	Each	2.00	1,990.29	995.14	929.57	2
451E2500	Tapping Saddle	Each	2.00	970.00	485.00	411.28	1
451E2700	Tapping Tee	Each	1.00	2,828.69	2,828.69	3,610.19	1
451E2754	16"x12" Tapping Tee	Each	1.00	5,078.90	5,078.90	5,046.13	1
451E2802	1" Corporation Stop with Tapping Saddle	Each	1.00	770.00	770.00	764.00	1
451E2806	1.5" Corporation Stop with Tapping Saddle	Each	2.00	710.00	355.00	470.07	1
451E2902	1" Curb Stop with Box	Each	4.00	3,315.00	828.75	679.04	2
451E2906	1.5" Curb Stop with Box	Each	2.00	1,590.00	795.00	821.87	1
451E3004	4" Pipe Bend	Each	7.00	3,537.90	505.41	579.17	2
451E3006	6" Pipe Bend	Each	61.00	39,187.14	642.41	651.96	3
451E3008	8" Pipe Bend	Each	10.00	10,860.29	1,086.03	931.17	2
451E3010	10" Pipe Bend	Each	8.00	3,600.00	450.00	725.00	1
451E3012	12" Pipe Bend	Each	10.00	9,464.60	946.46	1,114.84	1
451E3016	16" Pipe Bend	Each	4.00	5,822.64	1,455.66	1,780.76	1
451E3106	6" Pipe Cap	Each	1.00	350.00	350.00	550.00	1
451E3112	12" Pipe Cap	Each	2.00	450.02	225.01	212.50	1
451E3115	15" Pipe Cap	Each	1.00	380.00	380.00	276.67	1
451E3124	24" Pipe Cap	Each	1.00	825.00	825.00	820.83	1
451E3206	6" Pipe Coupling	Each	2.00	1,200.00	600.00	700.00	1
451E3210	10" Pipe Coupling	Each	3.00	2,700.00	900.00	1,033.33	1
451E3414	8" Pipe Plug	Each	3.00	2,895.00	965.00	671.58	1
451E3452	12" Pipe Plug	Each	1.00	595.27	595.27	388.11	1
451E4204	4" Gate Valve with Box	Each	6.00	9,121.02	1,520.17	1,457.06	2
451E4206	6" Gate Valve with Box	Each	26.00	43,606.34	1,677.17	1,668.77	3
451E4208	8" Gate Valve with Box	Each	16.00	37,864.12	2,366.51	2,305.00	2
451E4212	12" Gate Valve with Box	Each	3.00	8,975.16	2,991.72	3,664.53	1
451E4216	16" Gate Valve with Box	Each	1.00	7,599.52	7,599.52	9,239.51	1
451E4380	Tracer Wire Access Box, Type 1	Each	47.00	9,820.64	208.95	212.78	3
451E4400	Pipe Insulation	SqFt	168.00	2,940.00	17.50	16.28	1
451E4580	Standard Fire Hydrant	Each	3.00	16,515.00	5,505.00	4,958.07	2
451E4585	Fire Hydrant with Auxiliary Valve & Box	Each	13.00	99,874.20	7,682.63	7,525.01	2
451E4610	Thrust Block	Each	13.00	5,200.00	400.00	233.33	1
451E4901	Type 1 Bedding Material	Ton	50.00	2,673.50	53.47	39.03	1
451E4904	Type 3 Foundation Material	Ton	100.00	4,905.00	49.05	46.25	2
451E4912	Controlled Low Strength Backfill	CuYd	20.00	5,120.00	256.00	218.08	1
451E4918	Imported Trench Backfill	CuYd	100.00	3,900.00	39.00	28.50	1
451E4920	Pipe Bedding Material	Ton	28.60	1,001.00	35.00	31.00	1
451E4925	Water Main Bedding Material	Ton	20.00	540.00	27.00	34.00	1
451E5052	Trench 8' to 10' Deep	Ft	25.00	1,187.75	47.51	53.77	1
451E5053	Trench 10' to 12' Deep	Ft	450.00	28,003.50	62.23	62.41	1

**South Dakota Department of Transportation
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Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
451E5120	Bore and Jack 20" Pipe	Ft	125.00	56,121.25	448.97	541.88	1
451E5124	Bore and Jack 24" Pipe	Ft	130.00	39,000.00	300.00	350.00	1
451E5148	Bore and Jack 48" Pipe	Ft	664.00	399,440.00	601.57	664.60	3
451E5154	Bore and Jack 54" Pipe	Ft	260.00	177,450.00	682.50	499.17	1
451E6050	Temporary Water Service	Each	5.00	5,125.00	1,025.00	1,017.26	1
451E6055	Temporary Water Main Connection	Each	1.00	1,537.00	1,537.00	1,530.62	1
451E6075	Adjust Curb Stop Box	Each	8.00	2,010.00	251.25	295.30	4
451E6080	Adjust Water Valve Box	Each	85.00	25,784.20	303.34	244.74	6
451E6100	Reconnect Water Service	Each	14.00	12,927.29	923.38	839.53	3
451E6105	Connect To Existing Water Main	Each	48.00	68,035.97	1,417.42	1,403.46	3
451E6200	Connect Drain to Drop Inlet	Each	1.00	700.00	700.00	656.50	1
451E6515	Remove and Reset Fire Hydrant	Each	6.00	13,200.00	2,200.00	2,183.33	1
451E7010	Reconnect Sewer Service	Each	24.00	26,848.81	1,118.70	1,059.22	3
451E7016	Connect to Existing Sewer Main	Each	18.00	24,155.87	1,341.99	1,236.14	5
451E7020	Sewer Bypass Pumping	LS	3.00	11,259.54	3,753.18	4,452.75	3
451E7052	Temporary Sanitary Sewer Main Connection	Each	2.00	3,900.00	1,950.00	1,599.77	1
451E7402	Test Station	Each	14.00	5,214.95	372.50	335.81	2
451E7510	Verify Utilities	Each	1.00	0.01	0.01	270.00	1
451E8000	PVC Pipe Deflection Test	Ft	1,862.00	3,072.30	1.65	1.64	1
460E0030	Class A45 Concrete, Bridge Deck	CuYd	7,996.10	8,730,613.67	1,091.86	1,481.32	8
460E0050	Class A45 Concrete, Bridge	CuYd	4,965.60	5,092,969.62	1,025.65	1,495.62	10
460E0070	Class A45 Concrete, Bridge Repair	CuYd	363.30	646,397.56	1,779.24	1,849.48	8
460E0100	Class A45 Concrete, Miscellaneous	CuYd	620.90	497,406.50	801.11	1,115.53	3
460E0120	Class A45 Concrete, Box Culvert	CuYd	5,503.70	5,204,247.52	945.59	965.90	13
460E0150	Concrete Approach Slab for Bridge	SqYd	4,616.80	1,276,637.29	276.52	296.07	10
460E0160	Concrete Approach Sleeper Slab for Bridge	SqYd	1,124.80	378,915.56	336.87	336.77	9
460E0174	Concrete Patching Material, Miscellaneous	CuFt	1.70	607.50	357.35	371.57	1
460E0204	Anti-Graffiti Coating	SqFt	18,417.00	47,861.55	2.60	4.74	3
460E0300	Breakout Structural Concrete	CuYd	553.30	488,659.79	883.17	1,109.56	15
460E0380	Install Dowel in Concrete	Each	5,966.00	153,861.21	25.79	28.86	17
460E0382	Install Dowel in Rock	Ft	263.00	15,254.00	58.00	69.00	1
460E0500	Deck Drain, Girder Bridge	Each	53.00	186,275.00	3,514.62	2,940.58	2
460E0502	Deck Drain, Slab Bridge	Each	32.00	7,603.84	237.62	217.62	1
460E0650	Roadway Canopy	LS	1.00	120,000.00	120,000.00	92,506.92	1
460E0700	Joint Nosing Material	SqFt	127.00	32,225.00	253.74	241.00	2
462E0100	Class M6 Concrete	CuYd	1,123.30	1,517,726.20	1,351.13	1,353.86	21
462E0250	Cellular Grout	CuYd	820.70	212,664.50	259.13	296.08	6
462E0300	Foundation Stabilization Grout	CuYd	3.00	900.00	300.00	1,509.63	1
464E0100	Controlled Density Fill	CuYd	1,118.50	376,898.72	336.97	345.18	24
465E0100	Class A45 Concrete, Drilled Shaft	CuYd	5,244.30	3,486,755.00	664.87	499.75	4
465E0200	Drilled Shaft Excavation	CuYd	4,962.40	3,047,943.50	614.21	497.66	4
465E0400	Crosshole Sonic Log (CSL) Test	Each	17.00	108,150.00	6,361.76	6,862.16	3
465E1038	38" Permanent Casing	Ft	44.00	18,260.00	415.00	408.30	1
465E1044	44" Permanent Casing	Ft	11.40	5,380.80	472.00	465.90	1
465E1050	50" Permanent Casing	Ft	96.00	52,800.00	550.00	588.67	1
465E1074	74" Permanent Casing	Ft	88.90	65,952.50	741.87	784.74	2
470E0020	Pipe Handrail	Ft	604.70	94,126.25	155.66	142.37	3
470E0030	Special Steel Railing	Ft	105.00	44,881.20	427.44	428.24	2
470E0040	Steel Pedestrian Railing	Ft	404.30	67,672.02	167.38	192.14	3
470E0120	Steel Pedestrian Railing on Sidewalk	Ft	2,422.30	510,848.00	210.89	215.12	3
470E0220	Steel Pedestrian Railing on Concrete Barrier	Ft	2,258.60	394,678.60	174.74	148.15	3
470E0380	Modify Bridge Rail	Ft	161.00	4,179.00	25.96	27.16	2
470E0420	Type T101 Bridge Railing	Ft	553.00	92,056.00	166.47	161.27	3
480E0100	Reinforcing Steel	Lb	2,989,996.00	4,406,890.00	1.47	1.60	30
480E0200	Epoxy Coated Reinforcing Steel	Lb	803,061.00	1,319,172.12	1.64	1.87	19
480E0300	Stainless Reinforcing Steel	Lb	1,499,803.00	5,237,536.27	3.49	3.51	3
480E0504	No. 4 Rebar Splice	Each	269.00	6,025.26	22.40	30.13	3
480E0505	No. 5 Rebar Splice	Each	96.00	4,048.00	42.17	40.46	2
480E0506	No. 6 Rebar Splice	Each	266.00	12,043.24	45.28	45.96	3
480E0507	No. 7 Rebar Splice	Each	202.00	20,200.00	100.00	86.67	1

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480E0509	No. 9 Rebar Splice	Each	40.00	5,400.00	135.00	132.58	1
480E0514	No. 14 Rebar Splice	Each	1,340.00	157,960.00	117.88	106.99	3
480E0518	No. 18 Rebar Splice	Each	76.00	39,600.00	521.05	411.53	2
480E5000	Galvanic Anode	Each	1,148.00	71,904.12	62.63	56.60	7
491E0005	Two Coat Bridge Deck Polymer Chip Seal	SqYd	12,592.20	470,257.32	37.35	41.00	5
491E0110	Abrasive Blasting of Bridge Deck	SqYd	12,592.20	63,365.37	5.03	4.66	5
491E0120	Bridge Deck Grinding	SqYd	12,592.20	174,424.86	13.85	15.82	5
491E0130	Concrete Removal, Class A	SqYd	81.50	18,864.00	231.46	251.15	5
491E0140	Concrete Removal, Class B	SqYd	81.50	11,308.50	138.75	163.45	5
491E0172	Concrete Patching Material, Bridge Deck	CuFt	835.90	69,714.30	83.40	91.49	5
510E0100	Extract Pile	Each	24.00	4,731.00	197.12	288.85	2
510E0300	Preboring Pile	Ft	2,039.00	85,556.00	41.96	38.37	8
510E3361	HP 10x42 Steel Test Pile, Furnish and Drive	Ft	1,082.00	91,908.20	84.94	71.64	5
510E3365	HP 10x42 Steel Bearing Pile, Furnish and Drive	Ft	9,727.00	413,748.95	42.54	41.99	6
510E3371	HP 10x57 Steel Test Pile, Furnish and Drive	Ft	135.00	15,480.00	114.67	103.56	2
510E3375	HP 10x57 Steel Bearing Pile, Furnish and Drive	Ft	515.00	41,330.00	80.25	74.30	2
510E3401	HP 12x53 Steel Test Pile, Furnish and Drive	Ft	1,110.00	122,705.00	110.55	95.19	3
510E3405	HP 12x53 Steel Bearing Pile, Furnish and Drive	Ft	6,905.00	356,197.00	51.59	54.34	3
510E3521	HP 14x73 Steel Test Pile, Furnish and Drive	Ft	190.00	9,500.00	50.00	88.33	1
510E3525	HP 14x73 Steel Bearing Pile, Furnish and Drive	Ft	10,255.00	461,475.00	45.00	53.83	1
510E4000	Dynamic Pile Test (during driving)	Each	13.00	219,400.00	16,876.92	11,313.23	2
510E4010	Dynamic Pile Test (during restrrike)	Each	13.00	44,400.00	3,415.38	3,743.23	2
510E4050	Static Pile Load Test	Each	7.00	245,000.00	35,000.00	44,970.59	2
530E0300	Type C Concrete Retaining Wall	SqFt	888.00	88,789.97	99.99	101.90	3
530E0410	MSE Segmental Block Wall	SqFt	1,427.00	188,364.00	132.00	113.75	1
530E0420	MSE Large Panel Wall, Furnish	SqFt	9,966.00	419,568.60	42.10	37.42	1
530E0422	MSE Large Panel Wall, Install	SqFt	9,966.00	266,889.48	26.78	29.51	1
530E0470	Gravity Large Concrete Block Wall	SqFt	8,222.00	577,297.40	70.21	71.19	3
530E0702	Granular Backfill for MSE Large Panel Wall	CuYd	9,356.00	417,277.60	44.60	54.40	1
530E0718	Granular Backfill for Gravity Large Concrete Block Wall	CuYd	505.90	15,935.85	31.50	42.83	1
541E0010	Treated Timber	BdFt	60.00	3,150.00	52.50	28.50	1
550E0010	Low Slump Dense Concrete Bridge Deck Overlay	CuYd	206.00	148,346.26	720.13	673.60	4
550E0100	Concrete Removal Type 1A	SqYd	4,888.10	166,167.42	33.99	30.13	6
550E0105	Concrete Removal Type 2A	SqYd	795.60	6,681.90	8.40	9.26	4
550E0110	Concrete Removal Type 1B	SqYd	500.30	66,507.77	132.94	127.29	6
550E0120	Concrete Removal Type 1C	SqYd	250.20	39,022.24	155.96	175.02	6
550E0130	Concrete Removal Type 1D	SqYd	250.20	47,642.19	190.42	154.76	6
550E0140	Concrete Removal Type B	Ft	160.00	3,315.80	20.72	19.11	6
550E0200	Class A45 Concrete Fill	CuYd	103.80	52,164.51	502.55	508.08	6
550E0500	Finishing and Curing	SqYd	4,928.60	251,229.35	50.97	68.78	6
560E0050	6'x3' Precast Concrete Box Culvert, Furnish	Ft	0.00	0.00	0.00	425.00	0
560E0051	6'x3' Precast Concrete Box Culvert, Install	Ft	0.00	0.00	0.00	275.00	0
560E0092	8'x6' Precast Concrete Box Culvert, Furnish	Ft	31.00	19,452.19	627.49	666.73	1
560E0093	8'x6' Precast Concrete Box Culvert, Install	Ft	31.00	9,300.00	300.00	318.00	1
560E0094	8'x7' Precast Concrete Box Culvert, Furnish	Ft	158.00	118,500.00	750.00	750.00	1
560E0095	8'x7' Precast Concrete Box Culvert, Install	Ft	158.00	55,300.00	350.00	350.00	1
560E0116	9'x8' Precast Concrete Box Culvert, Furnish	Ft	144.00	110,880.00	770.00	780.67	1
560E0117	9'x8' Precast Concrete Box Culvert, Install	Ft	144.00	40,464.00	281.00	363.67	1
560E0192	12'x10' Precast Concrete Box Culvert, Furnish	Ft	88.00	57,640.00	655.00	886.67	1
560E0193	12'x10' Precast Concrete Box Culvert, Install	Ft	88.00	11,880.00	135.00	312.67	1
560E0216	13'x8' Precast Concrete Box Culvert, Furnish	Ft	80.00	64,000.00	800.00	800.00	1
560E0217	13'x8' Precast Concrete Box Culvert, Install	Ft	80.00	20,000.00	250.00	250.00	1
560E0224	13'x12' Precast Concrete Box Culvert, Furnish	Ft	404.00	474,858.16	1,175.39	1,224.28	2

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560E0225	13'x12' Precast Concrete Box Culvert, Install	Ft	404.00	145,688.94	360.62	500.29	2
560E1050	6'x3' Precast Concrete Box Culvert End Section, Furnish	Each	0.00	0.00	0.00	3,000.00	0
560E1051	6'x3' Precast Concrete Box Culvert End Section, Install	Each	0.00	0.00	0.00	5,000.00	0
560E1092	8'x6' Precast Concrete Box Culvert End Section, Furnish	Each	1.00	8,695.69	8,695.69	9,219.01	1
560E1093	8'x6' Precast Concrete Box Culvert End Section, Install	Each	1.00	3,000.00	3,000.00	3,180.00	1
560E1094	8'x7' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	20,000.00	10,000.00	10,000.00	1
560E1095	8'x7' Precast Concrete Box Culvert End Section, Install	Each	2.00	10,000.00	5,000.00	5,000.00	1
560E1116	9'x8' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	20,200.00	10,100.00	10,176.00	1
560E1117	9'x8' Precast Concrete Box Culvert End Section, Install	Each	2.00	14,720.00	7,360.00	5,953.33	1
560E1192	12'x10' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	24,600.00	12,300.00	13,600.00	1
560E1193	12'x10' Precast Concrete Box Culvert End Section, Install	Each	2.00	6,000.00	3,000.00	6,613.33	1
560E1216	13'x8' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	21,150.00	10,575.00	10,575.00	1
560E1217	13'x8' Precast Concrete Box Culvert End Section, Install	Each	2.00	10,000.00	5,000.00	5,000.00	1
560E1224	13'x12' Precast Concrete Box Culvert End Section, Furnish	Each	4.00	60,600.70	15,150.18	18,674.34	2
560E1225	13'x12' Precast Concrete Box Culvert End Section, Install	Each	4.00	34,824.88	8,706.22	7,318.74	2
560E2098	2-9'x8' Precast Concrete Box Culvert, Furnish	Ft	80.00	84,000.00	1,050.00	1,090.37	1
560E2099	2-9'x8' Precast Concrete Box Culvert, Install	Ft	80.00	10,000.00	125.00	552.50	1
560E2124	2-10'x10' Precast Concrete Box Culvert, Furnish	Ft	90.00	126,000.00	1,400.00	1,400.00	1
560E2125	2-10'x10' Precast Concrete Box Culvert, Install	Ft	90.00	45,000.00	500.00	500.00	1
560E2148	2-11'x10' Precast Concrete Box Culvert, Furnish	Ft	144.00	172,080.00	1,195.00	1,481.01	1
560E2149	2-11'x10' Precast Concrete Box Culvert, Install	Ft	144.00	33,004.80	229.20	342.23	1
560E2166	2-12'x6' Precast Concrete Box Culvert, Furnish	Ft	164.00	215,600.00	1,314.63	1,258.02	2
560E2167	2-12'x6' Precast Concrete Box Culvert, Install	Ft	164.00	73,940.00	450.85	539.32	2
560E2174	2-12'x10' Precast Concrete Box Culvert, Furnish	Ft	88.00	107,800.00	1,225.00	1,463.33	1
560E2175	2-12'x10' Precast Concrete Box Culvert, Install	Ft	88.00	17,600.00	200.00	334.33	1
560E3098	2-9'x8' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	29,000.00	14,500.00	15,886.67	1
560E3099	2-9'x8' Precast Concrete Box Culvert End Section, Install	Each	2.00	10,000.00	5,000.00	9,873.33	1
560E3124	2-10'x10' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	38,000.00	19,000.00	19,000.00	1
560E3125	2-10'x10' Precast Concrete Box Culvert End Section, Install	Each	2.00	13,000.00	6,500.00	6,500.00	1
560E3148	2-11'x10' Precast Concrete Box Culvert End Section, Furnish	Each	4.00	66,136.00	16,534.00	19,831.16	1
560E3149	2-11'x10' Precast Concrete Box Culvert End Section, Install	Each	4.00	18,560.00	4,640.00	6,963.33	1
560E3166	2-12'x6' Precast Concrete Box Culvert End Section, Furnish	Each	4.00	57,800.00	14,450.00	13,725.00	2
560E3167	2-12'x6' Precast Concrete Box Culvert End Section, Install	Each	4.00	23,820.00	5,955.00	8,227.50	2
560E3174	2-12'x10' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	45,000.00	22,500.00	22,333.33	1

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560E3175	2-12'x10' Precast Concrete Box Culvert End Section, Install	Each	2.00	11,800.00	5,900.00	8,130.00	1
560E4001	Special Precast Concrete Box Culvert, Furnish	Ft	210.00	458,760.00	2,184.57	2,157.79	3
560E4002	Special Precast Concrete Box Culvert, Install	Ft	210.00	78,816.00	375.31	422.49	3
560E4003	Special Precast Concrete Box Culvert End Section, Furnish	Each	4.00	83,200.00	20,800.00	21,098.67	2
560E4004	Special Precast Concrete Box Culvert End Section, Install	Each	4.00	24,000.00	6,000.00	6,580.00	2
560E4010	Special Precast Concrete Box Culvert Bend, Furnish	Each	0.00	0.00	0.00	6,500.00	0
560E4011	Special Precast Concrete Box Culvert Bend, Install	Each	0.00	0.00	0.00	2,500.00	0
560E5001	4'x6' Reinforced Concrete Cattle Pass, Furnish	Ft	92.00	25,979.28	282.38	290.88	5
560E5002	4'x6' Reinforced Concrete Cattle Pass, Install	Ft	92.00	19,694.32	214.07	252.05	5
560E5003	5'x7' Reinforced Concrete Cattle Pass, Furnish	Ft	412.00	122,254.76	296.73	307.39	2
560E5004	5'x7' Reinforced Concrete Cattle Pass, Install	Ft	412.00	41,200.00	100.00	100.00	2
560E5051	4'x6' Reinforced Concrete Cattle Pass End Section, Furnish	Each	1.00	3,500.00	3,500.00	3,503.33	1
560E5052	4'x6' Reinforced Concrete Cattle Pass End Section, Install	Each	1.00	1,250.00	1,250.00	2,083.33	1
560E5053	5'x7' Reinforced Concrete Cattle Pass End Section, Furnish	Each	10.00	32,184.00	3,218.40	3,282.45	2
560E5054	5'x7' Reinforced Concrete Cattle Pass End Section, Install	Each	10.00	8,400.00	840.00	1,749.30	2
560E5100	Reset Reinforced Concrete Cattle Pass	Ft	100.00	25,900.00	259.00	283.99	3
560E5101	Reset Reinforced Concrete Cattle Pass End Section	Each	13.00	13,247.40	1,019.03	1,227.78	6
560E8036	36" Minnesota Shape Prestressed Concrete Beam	Ft	1,084.00	270,380.00	249.43	283.48	2
560E8045	45" Minnesota Shape Prestressed Concrete Beam	Ft	1,041.00	260,250.00	250.00	250.00	1
560E8054	54" Minnesota Shape Prestressed Concrete Beam	Ft	2,786.00	724,360.00	260.00	278.33	1
560E8063	63" Minnesota Shape Prestressed Concrete Beam	Ft	1,579.00	457,910.00	290.00	310.33	1
560E8560	6' Wide Deck Prestressed Concrete Bulb Tee	Ft	290.00	153,700.00	530.00	475.00	1
600E0100	Type I Field Laboratory	Each	1.00	4,500.00	4,500.00	11,312.95	1
600E0200	Type II Field Laboratory	Each	16.00	163,641.76	10,227.61	14,405.10	16
600E0300	Type III Field Laboratory	Each	44.00	547,842.42	12,450.96	15,075.89	44
610E0012	12' Cattle Guard	Each	1.00	18,500.00	18,500.00	15,333.33	1
610E0112	12' Cattle Guard with Wings	Each	2.00	42,000.00	21,000.00	16,705.88	1
610E0114	14' Cattle Guard with Wings	Each	1.00	23,000.00	23,000.00	18,255.38	1
610E0120	20' Cattle Guard with Wings	Each	1.00	29,000.00	29,000.00	23,110.07	1
610E0130	30' Cattle Guard with Wings	Each	2.00	71,000.00	35,500.00	32,373.83	2
610E1000	Reset Cattle Guard	Each	2.00	6,000.00	3,000.00	2,558.33	1
620E0010	Type 1 Right-of-Way Fence	Ft	70.00	364.00	5.20	23.63	1
620E0020	Type 2 Right-of-Way Fence	Ft	555,268.00	818,375.07	1.47	1.40	27
620E0030	Type 3 Right-of-Way Fence	Ft	21,395.00	37,560.14	1.76	1.91	6
620E0040	Type 4 Right-of-Way Fence	Ft	9,471.00	22,966.90	2.42	2.34	6
620E0050	Type 5 Right-of-Way Fence	Ft	1,524.00	5,334.00	3.50	3.27	1
620E0060	Type 6 Right-of-Way Fence	Ft	21,687.00	56,923.69	2.62	2.68	5
620E0120	Type 2s Right-of-Way Fence	Ft	2,080.00	4,543.50	2.18	2.11	2
620E0220	Modified Type 2 Right-of-Way Fence	Ft	11,300.00	21,973.20	1.94	1.87	3
620E0260	Modified Type 6 Right-of-Way Fence	Ft	1,561.00	4,511.29	2.89	2.68	1
620E0300	Special Right-of-Way Fence	Ft	1,160.00	1,740.00	1.50	1.50	1
620E0510	Type 1 Temporary Fence	Ft	49,813.00	101,309.25	2.03	1.57	14
620E0515	Type 1A Temporary Fence	Ft	115,444.00	107,980.60	0.94	0.93	10
620E0520	Type 2 Temporary Fence	Ft	14,508.00	46,650.30	3.22	2.53	7
620E0530	Type 3 Temporary Fence	Ft	8,333.00	10,034.32	1.20	1.19	4

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620E1020	2 Post Panel	Each	1,927.00	280,727.42	145.68	145.77	29
620E1030	3 Post Panel	Each	1,075.00	172,399.84	160.37	165.69	19
620E1100	Steel Fence Post	Each	77.00	693.00	9.00	9.67	1
620E2012	12' Tubular Gate	Each	4.00	1,200.00	300.00	340.33	1
620E2020	20' Tubular Gate	Each	4.00	2,185.40	546.35	575.45	2
620E2100	Reset Gate	Each	22.00	2,958.00	134.45	155.60	5
620E4100	Reset Fence	Ft	2,533.00	21,230.25	8.38	5.60	8
621E0040	4' Chain Link Fence with Top Rail	Ft	591.00	15,421.15	26.09	60.88	4
621E0160	6' Chain Link Fence with Tension Wired Top	Ft	9,931.00	228,413.00	23.00	24.02	1
621E0240	Special 4' Chain Link Fence	Ft	21.00	630.42	30.02	85.01	1
621E0300	Chain Link Fence for Bridge Sidewalk	Ft	584.00	23,188.32	39.71	88.69	2
621E0410	Pedestrian Swing Gate	Each	1.00	81.50	81.50	412.17	1
621E0420	Single Vehicular Swing Gate	Each	1.00	1,800.00	1,800.00	1,800.00	1
621E0520	Reset Chain Link Fence	Ft	5,137.00	97,983.21	19.07	19.75	2
628E1000	Straight Concrete Barrier	Ft	15.00	2,270.70	151.38	120.29	1
628E1010	Curved Concrete Barrier	Ft	226.00	46,750.36	206.86	173.12	1
628E1300	Straight Glare Screen for Concrete Barrier	Ft	15.00	2,025.30	135.02	110.84	1
628E1310	Curved Glare Screen for Concrete Barrier	Ft	226.00	40,890.18	180.93	122.11	1
628E1500	Concrete Barrier End Protection	Each	4.00	131,476.48	32,869.12	23,181.37	1
629E0100	3 Cable Guardrail	Ft	988.00	10,374.00	10.50	10.17	1
629E0110	High Tension Cable Guardrail	Ft	8,792.00	132,737.10	15.10	14.84	4
629E0210	Reset High Tension 3 Cable Guardrail	Ft	563.00	3,045.83	5.41	5.24	1
629E0211	Reset High Tension 4 Cable Guardrail	Ft	127.00	2,032.00	16.00	16.50	1
629E0290	High Tension Cable Guardrail Anchor Assembly	Each	47.00	209,662.50	4,460.90	4,471.99	4
629E0295	Reset High Tension Cable Guardrail Anchor Assembly	Each	3.00	2,730.00	910.00	828.75	2
629E0300	3 Cable Guardrail Slip Base Anchor Assembly	Each	4.00	7,350.00	1,837.50	1,779.17	1
629E1109	Furnish High Tension Cable Guardrail Post and Sleeve	Each	150.00	18,500.00	123.33	127.29	2
629E9000	Crossover Closure	Ft	640.00	15,744.00	24.60	28.56	2
629E9010	Interim Crossover Closure	Ft	1,280.00	14,051.84	10.98	11.24	3
629E9050	Reset Crossover Closure	Ft	2,176.00	9,980.80	4.59	4.72	5
629E9060	Reset Interim Crossover Closure	Ft	512.00	2,150.40	4.20	4.07	1
630E0110	Straight Double Class A Thrie Beam Guardrail with Wood Posts	Ft	1,237.50	77,179.25	62.37	70.08	4
630E0500	Type 1 MGS	Ft	69,493.50	2,068,865.75	29.77	29.98	30
630E1010	Straight Class A W Beam Guardrail with Wood Posts	Ft	1,706.30	44,846.00	26.28	29.22	7
630E1015	Straight Class A W Beam Guardrail with CRT Posts	Ft	25.00	875.00	35.00	34.22	1
630E1025	Curved Class A W Beam Guardrail with CRT Posts	Ft	200.00	7,863.63	39.32	40.16	3
630E1050	Straight Class B W Beam Guardrail with Wood Posts	Ft	900.00	30,640.00	34.04	37.17	4
630E1150	Straight Double Class B W Beam Guardrail with Wood Posts	Ft	980.00	65,700.00	67.04	75.92	5
630E1505	Type 2A Guardrail Transition	Each	22.00	61,680.00	2,803.64	2,705.00	4
630E2000	W Beam to Thrie Beam Guardrail Transition	Each	7.00	7,158.49	1,022.64	1,000.31	3
630E2005	W Beam Guardrail to MGS Transition	Each	18.00	29,300.00	1,627.78	1,673.70	4
630E2015	W Beam Guardrail Flared End Terminal	Each	62.00	186,200.00	3,003.23	2,806.84	4
630E2019	MGS Tangent End Terminal	Each	30.00	94,000.00	3,133.33	3,214.28	2
630E2020	W Beam Guardrail Tangent End Terminal	Each	3.00	9,528.75	3,176.25	3,092.08	1
630E2035	W Beam Guardrail Special Anchor Assembly	Each	12.00	22,999.92	1,916.66	1,947.22	3
630E2100	Beam Guardrail Post	Each	100.00	5,645.00	56.45	57.15	1
630E2110	Beam Guardrail Post and Block	Each	13.00	1,172.50	90.19	89.65	2
630E2300	Rubrail	Ft	576.00	19,848.00	34.46	62.35	3
630E5130	Reset Double Thrie Beam Rail	Ft	12.50	653.13	52.25	53.65	1
630E5160	Reset W Beam Rail	Ft	65.00	1,492.00	22.95	23.22	2
630E5200	Reset W Beam to Thrie Beam Transition Rail	Each	1.00	1,040.00	1,040.00	1,070.00	1

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630E5210	Reset Beam Guardrail Trailing End Terminal	Each	3.00	1,464.75	488.25	472.75	1
632E0010	1.25' Diameter Breakaway Support Concrete Footing	Ft	84.00	9,428.00	112.24	102.74	5
632E0012	1.5' Diameter Breakaway Support Concrete Footing	Ft	12.00	1,008.00	84.00	82.67	1
632E0014	1.75' Diameter Breakaway Support Concrete Footing	Ft	77.00	20,322.00	263.92	277.43	4
632E0016	2' Diameter Breakaway Support Concrete Footing	Ft	32.00	9,440.00	295.00	350.80	2
632E0054	1.75' Diameter Fixed Support Concrete Footing	Ft	8.00	1,848.00	231.00	223.67	1
632E0056	2' Diameter Fixed Support Concrete Footing	Ft	8.00	2,016.00	252.00	244.00	1
632E0058	2.25' Diameter Fixed Support Concrete Footing	Ft	10.00	2,730.00	273.00	264.33	1
632E0072	4' Diameter Fixed Support Concrete Footing	Ft	152.00	71,440.00	470.00	496.91	1
632E1220	S5x10 Steel Post	Ft	26.60	2,234.40	84.00	81.33	1
632E1225	W6x12 Steel Post	Ft	63.60	6,010.20	94.50	91.50	1
632E1230	W6x15 Steel Post	Ft	74.00	7,770.00	105.00	101.67	1
632E1235	W6x20 Steel Post	Ft	70.00	7,350.00	105.00	110.70	1
632E1240	W8x18 Steel Post	Ft	58.00	6,380.00	110.00	115.00	1
632E1245	W8x21 Steel Post	Ft	45.00	4,725.00	105.00	110.70	1
632E1255	W8x28 Steel Post	Ft	52.00	6,552.00	126.00	132.84	1
632E1260	W8x31 Steel Post	Ft	46.00	6,210.00	135.00	147.50	1
632E1320	2.0"x2.0" Perforated Tube Post	Ft	11,728.30	201,157.37	17.15	17.18	35
632E1321	2.0"x2.0" Perforated Tube Post	Each	13,641.00	1,579,132.00	115.76	110.48	2
632E1330	2.25"x2.25" Perforated Tube Post	Ft	123.00	4,428.00	36.00	38.37	1
632E1340	2.5"x2.5" Perforated Tube Post	Ft	3,429.80	89,463.95	26.08	27.29	15
632E1415	4" Diameter Steel Post, .237" Shell	Ft	11.80	2,301.00	195.00	180.93	1
632E1550	Miscellaneous Post Hardware	LS	1.00	1,200.00	1,200.00	1,160.00	1
632E1650	No Passing Zone Reference Post	Each	478.00	23,930.00	50.06	39.12	2
632E2000	4"x4" Amber Delineator with 1.12 Lb/Ft Post	Each	132.00	5,806.85	43.99	42.43	6
632E2004	4"x8" Amber Delineator with 1.12 Lb/Ft Post	Each	106.00	3,680.00	34.72	31.24	5
632E2008	4" Tubular Amber Delineator with 1.12 Lb/Ft Post	Each	28.00	1,145.00	40.89	39.89	4
632E2020	4"x4" White Delineator with 1.12 Lb/Ft Post	Each	955.00	29,799.05	31.20	28.52	7
632E2022	4"x4" White Delineator Back to Back with 1.12 Lb/Ft Post	Each	31,135.00	675,419.22	21.69	22.65	15
632E2024	4"x8" White Delineator with 1.12 Lb/Ft Post	Each	392.00	12,862.00	32.81	30.48	5
632E2028	4" Tubular White Delineator with 1.12 Lb/Ft Post	Each	841.00	30,197.50	35.91	33.36	8
632E2100	Reset Delineator	Each	1,157.00	18,101.18	15.64	14.93	7
632E2207	4" Tubular White Delineator Reflector	Each	1,616.00	26,128.00	16.17	18.12	3
632E2220	Guardrail Delineator	Each	4,395.00	101,132.47	23.01	21.21	29
632E2510	Type 2 Object Marker Back to Back	Each	4,176.00	133,335.90	31.93	31.63	21
632E2520	Type 2 Object Marker	Each	870.00	23,606.60	27.13	27.89	9
632E2530	Type 3 Object Marker	Each	41.00	2,462.00	60.05	54.33	5
632E2533	Type 3 Flexible Object Marker	Each	695.00	124,925.00	179.75	214.42	2
632E2535	Type 4 Object Marker	Each	122.00	6,850.00	56.15	92.85	2
632E3003	Aluminum Overlay Sign, Nonremovable Copy High Intensity	SqFt	380.00	6,080.00	16.00	18.00	1
632E3005	Aluminum Overlay Sign, Nonremovable Copy Super/Very High Intensity	SqFt	1,682.50	30,285.00	18.00	24.00	1
632E3115	Extruded Aluminum Sign, Nonremovable Copy Super/Very High Intensity	SqFt	2,186.20	78,579.90	35.94	35.03	2
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	SqFt	38,812.00	355,776.30	9.17	12.10	25
632E3205	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity	SqFt	65,081.70	649,278.66	9.98	13.17	33
632E3500	Reset Sign	Each	1,405.00	39,623.61	28.20	43.83	27
632E3520	Remove, Salvage, Relocate, and Reset Traffic Sign	Each	213.00	16,949.20	79.57	77.61	19
632E3522	Modify Sign Panel	Each	1.00	1,000.00	1,000.00	1,600.00	1

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632E3526	Install State Furnished Sign	Each	2.00	300.00	150.00	240.74	1
632E3700	Radar Speed Sign	Each	1.00	3,500.00	3,500.00	3,500.00	1
632E3710	Radar Speed Sign, Solar Powered	Each	20.00	140,000.00	7,000.00	7,956.52	2
632E3750	36" LED Blinker Stop Sign	Each	8.00	13,200.00	1,650.00	1,631.67	1
632E4005	Type 3 Single Sided Barricade	Ft	96.00	5,520.00	57.50	58.00	2
632E5020	Overhead Cantilever Sign Support	Each	6.00	252,000.00	42,000.00	44,280.78	1
633E0010	Cold Applied Plastic Pavement Marking, 4"	Ft	370,945.00	1,147,266.60	3.09	3.19	24
633E0019	Cold Applied Plastic Pavement Marking, 4" with Contrast Border	Ft	12,445.00	68,447.50	5.50	5.85	2
633E0020	Cold Applied Plastic Pavement Marking, 8"	Ft	4,539.00	28,599.44	6.30	6.41	9
633E0021	Cold Applied Plastic Pavement Marking, 8" with Contrast Border	Ft	500.00	4,615.00	9.23	9.14	1
633E0025	Cold Applied Plastic Pavement Marking, 12"	Ft	8,519.00	88,210.00	10.35	11.33	5
633E0030	Cold Applied Plastic Pavement Marking, 24"	Ft	10,662.00	215,531.15	20.21	20.86	20
633E0035	Cold Applied Plastic Pavement Marking, Area	SqFt	848.00	12,975.03	15.30	15.77	9
633E0040	Cold Applied Plastic Pavement Marking, Arrow	Each	257.00	73,019.16	284.12	263.80	20
633E0045	Cold Applied Plastic Pavement Marking, Combination Arrow	Each	5.00	3,171.60	634.32	438.11	1
633E0046	Cold Applied Plastic Pavement Marking, Lane Reduction Arrow	Each	25.00	9,870.00	394.80	393.17	2
633E0050	Cold Applied Plastic Pavement Marking, Message	Word	38.00	19,951.80	525.05	364.10	6
633E0055	Cold Applied Plastic Pavement Marking, Railroad Crossing	Each	2.00	1,600.00	800.00	981.67	1
633E0062	Cold Applied Plastic Pavement Marking, Symbol	Each	11.00	6,000.00	545.45	480.00	2
633E0225	Preformed Thermoplastic Pavement Marking, 24"	Ft	9,978.00	200,286.65	20.07	20.87	13
633E0230	Preformed Thermoplastic Pavement Marking, Area	SqFt	330.00	3,255.60	9.87	10.10	2
633E0235	Preformed Thermoplastic Pavement Marking, Arrow	Each	58.00	16,671.25	287.44	280.60	4
633E0240	Preformed Thermoplastic Pavement Marking, Combination Arrow	Each	10.00	5,167.52	516.75	502.29	2
633E0245	Preformed Thermoplastic Pavement Marking, Message	Word	6.00	3,859.59	643.26	649.92	2
633E0250	Preformed Thermoplastic Pavement Marking, Railroad Crossing	Each	4.00	4,525.08	1,131.27	1,064.31	2
633E0255	Preformed Thermoplastic Pavement Marking, Symbol	Each	14.00	4,325.00	308.93	256.48	3
633E1200	High Build Waterborne Pavement Marking Paint, White	Gal	54,863.00	1,384,486.06	25.24	25.11	42
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	Gal	21,990.00	657,339.65	29.89	29.21	43
633E1300	Pavement Marking Paint, White	Gal	84,679.00	1,423,841.82	16.81	17.35	21
633E1305	Pavement Marking Paint, Yellow	Gal	40,674.00	695,391.86	17.10	17.56	21
633E1400	Pavement Marking Paint, 4" White	Ft	50,327.00	13,916.81	0.28	0.26	8
633E1405	Pavement Marking Paint, 4" Yellow	Ft	62,347.00	14,016.20	0.22	0.19	8
633E1425	Pavement Marking Paint, 12" Yellow	Ft	226.00	700.60	3.10	3.43	1
633E1430	Pavement Marking Paint, 24" White	Ft	584.00	3,344.80	5.73	6.16	4
633E1435	Pavement Marking Paint, 24" Yellow	Ft	425.00	5,175.00	12.18	14.05	2
633E1440	Pavement Marking Paint, Area	SqFt	12.00	24.00	2.00	1.82	1
633E1445	Pavement Marking Paint, Arrow	Each	58.00	2,910.00	50.17	53.30	3
633E1450	Pavement Marking Paint, Combination Arrow	Each	9.00	540.00	60.00	63.50	1
633E1460	Pavement Marking Paint, Symbol	Each	4.00	346.00	86.50	105.50	1
633E3000	Durable Pavement Marking, 4" White	Ft	1,143,244.00	591,566.20	0.52	0.53	8
633E3005	Durable Pavement Marking, 4" Yellow	Ft	650,666.00	337,963.57	0.52	0.53	8
633E3020	Durable Pavement Marking, 12" White	Ft	60,609.00	114,970.80	1.90	1.90	5
633E5000	Grooving for Cold Applied Plastic Pavement Marking, 4"	Ft	293,581.00	220,139.45	0.75	0.87	23
633E5005	Grooving for Cold Applied Plastic Pavement Marking, 8"	Ft	4,081.00	8,048.02	1.97	1.98	8

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633E5010	Grooving for Cold Applied Plastic Pavement Marking, 12"	Ft	8,077.00	16,664.47	2.06	2.21	5
633E5015	Grooving for Cold Applied Plastic Pavement Marking, 24"	Ft	19,093.00	101,687.93	5.33	5.90	27
633E5020	Grooving for Cold Applied Plastic Pavement Marking, Area	SqFt	816.00	1,880.91	2.31	2.72	9
633E5025	Grooving for Cold Applied Plastic Pavement Marking, Arrow	Each	292.00	38,898.71	133.21	164.10	20
633E5030	Grooving for Cold Applied Plastic Pavement Marking, Combination Arrow	Each	15.00	2,945.80	196.39	238.73	3
633E5031	Grooving for Cold Applied Plastic Pavement Marking, Lane Reduction Arrow	Each	25.00	22,750.00	910.00	922.79	2
633E5035	Grooving for Cold Applied Plastic Pavement Marking, Message	Word	43.00	10,978.66	255.32	216.12	7
633E5037	Grooving for Cold Applied Plastic Pavement Marking, Symbol	Each	15.00	1,849.00	123.27	177.21	4
633E5040	Grooving for Cold Applied Plastic Pavement Marking, Railroad Crossing	Each	5.00	2,200.02	440.00	459.54	3
633E5050	Surface Preparation for Pavement Marking	Ft	1,827,663.00	646,865.36	0.35	0.38	11
633E5051	Surface Preparation for Pavement Marking	SqFt	362.00	613.00	1.69	2.15	2
633E5052	Surface Preparation for Pavement Marking	Each	20.00	2,975.00	148.75	196.02	3
633E5100	Grooving for Durable Pavement Marking, 4"	Ft	2,065,512.00	600,040.35	0.29	0.31	14
633E5110	Grooving for Durable Pavement Marking, 12"	Ft	1,160.00	1,392.00	1.20	1.19	2
633E5115	Grooving for Durable Pavement Marking, 24"	Ft	363.00	1,089.00	3.00	2.92	1
633E5125	Grooving for Durable Pavement Marking, Arrow	Each	5.00	1,100.00	220.00	160.00	1
633E5137	Grooving for Durable Pavement Marking, Symbol	Each	2.00	152.00	76.00	71.22	1
633E6005	Pavement Marking Masking, 5"	Ft	7,920.00	6,370.00	0.80	0.77	3
633E6020	Pavement Marking Masking, 25"	Ft	1,022.00	2,400.00	2.35	2.07	2
633E6025	Pavement Marking Masking, Area	SqFt	9.00	198.00	22.00	23.50	1
633E6030	Pavement Marking Masking, Arrow	Each	16.00	940.00	58.75	57.62	3
633E6040	Pavement Marking Masking, Message	Word	6.00	72.00	12.00	11.00	1
633E6045	Pavement Marking Masking, Railroad Crossing	Each	6.00	340.00	56.67	65.87	2
633E9200	Mobile Retroreflector Measurements	Mile	185.71	53,810.25	289.75	280.86	5
634E0110	Traffic Control Signs	SqFt	130,580.00	380,914.41	2.92	2.93	141
634E0120	Traffic Control, Miscellaneous	LS	150.00	6,278,173.23	41,854.49	49,379.18	150
634E0135	Traffic Control Supervisor	LS	5.00	118,000.00	23,600.00	90,338.46	5
634E0200	Traffic Control Drum	Each	22.00	1,100.00	50.00	55.02	1
634E0310	Temporary Flexible Vertical Markers (Tabs)	Ft	25,284.00	13,144.80	0.52	0.45	4
634E0320	Temporary Flexible Vertical Markers (Tabs)	Mile	163.70	67,343.00	411.38	367.07	4
634E0330	Temporary Raised Pavement Markers	Ft	152,289.00	59,964.65	0.39	0.47	10
634E0340	Temporary Raised Pavement Markers	Mile	30.70	71,220.00	2,319.87	2,316.21	3
634E0360	Channelizing Marker	Each	50.00	1,011.00	20.22	19.09	1
634E0380	Tubular Marker	Each	9,958.00	379,259.50	38.09	42.93	13
634E0390	Replace Tubular Marker	Each	571.00	33,334.25	58.38	52.24	6
634E0400	Type A Advance Warning Arrow Board	Each	3.00	3,300.00	1,100.00	1,808.33	1
634E0420	Type C Advance Warning Arrow Board	Each	166.00	155,519.16	936.86	976.02	55
634E0525	Linear Delineation System Panel, Barrier Mounted	Each	527.00	10,127.66	19.22	22.62	11
634E0530	Flexible Delineator	Each	24.00	2,040.00	85.00	85.00	1
634E0560	Remove Pavement Marking, 4" or Equivalent	Ft	274,248.00	89,706.96	0.33	0.45	32
634E0565	Remove Pavement Marking, Arrow	Each	14.00	1,222.72	87.34	101.79	3
634E0575	Remove Pavement Marking, Area	SqFt	608.00	2,078.56	3.42	3.36	2
634E0600	4" Temporary Pavement Marking Tape Type I	Ft	269,293.00	206,481.49	0.77	0.95	30
634E0630	Temporary Pavement Marking	Mile	2,189.60	770,763.18	352.01	349.54	51
634E0640	Temporary Pavement Marking	Ft	529,979.00	131,631.54	0.25	0.20	17
634E0700	Traffic Control Movable Concrete Barrier	Each	823.00	182,043.19	221.19	234.40	14
634E0705	Remove and Reset Traffic Control Movable Concrete Barrier	Each	518.00	31,044.20	59.93	66.85	6
634E0750	Temporary Concrete Barrier End Protection	Each	31.00	169,675.00	5,473.39	5,579.69	9

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634E0755	Remove and Reset Temporary Concrete Barrier End Protection	Each	21.00	61,115.00	2,910.24	3,039.85	7
634E0760	Temporary Concrete Barrier End Protection Module Set or Repair Kit	Each	18.00	25,775.00	1,431.94	1,362.28	7
634E0810	Groove 6" Wide Rumble Strip	Ft	3,009.00	67,535.73	22.44	22.44	2
634E0900	Portable Temporary Traffic Control Signal	Unit	28.00	471,500.60	16,839.31	15,512.33	9
634E0915	Short Term Temporary Traffic Control Signal	Site	3.00	119,729.22	39,909.74	36,191.72	2
634E1002	Detour and Restriction Signing	SqFt	18,503.00	319,737.10	17.28	17.68	24
634E1020	Temporary Business Signing	SqFt	279.00	4,442.40	15.92	14.94	5
634E1210	State Furnished Portable Changeable Message Sign	Each	2.00	1,000.00	500.00	513.33	1
634E1215	Contractor Furnished Portable Changeable Message Sign	Each	54.00	399,671.98	7,401.33	7,143.20	21
634E1220	Solar Powered Portable Changeable Message Sign	Each	2.00	10,000.00	5,000.00	5,133.33	1
634E1255	Contractor Furnished Speed Monitoring Radar Trailer	Each	2.00	3,000.00	1,500.00	1,623.03	1
634E2000	Longitudinal Pedestrian Barricade	Ft	5,830.00	59,753.92	10.25	14.60	17
634E2020	Temporary Curb Ramp	Each	95.00	27,655.16	291.11	249.95	9
634E2025	Longitudinal Pedestrian Barrier	Ft	9,414.00	102,720.10	10.91	17.09	5
634E2050	Temporary Sidewalk	SqFt	10,790.00	58,987.50	5.47	5.85	2
635E0025	Breakaway Base Luminaire Pole with Arm, 25' Mounting Height	Each	31.00	84,723.00	2,733.00	2,832.40	1
635E0040	Breakaway Base Luminaire Pole with Arm, 40' Mounting Height	Each	2.00	9,000.00	4,500.00	4,307.33	1
635E0050	Breakaway Base Luminaire Pole with Arm, 50' Mounting Height	Each	168.00	537,999.84	3,202.38	3,255.41	10
635E0150	Breakaway Base Luminaire Pole with Twin Arms, 50' Mounting Height	Each	36.00	116,766.67	3,243.52	3,333.43	6
635E0820	Luminaire Pole, Top Mount	Each	10.00	20,300.00	2,030.00	2,030.00	1
635E0901	Decorative Luminaire Pole with Arm	Each	28.00	322,000.00	11,500.00	11,500.00	1
635E2000	Pedestal Signal Pole	Each	30.00	46,729.96	1,557.67	1,313.07	5
635E2025	Signal Pole with 25' Mast Arm	Each	1.00	12,201.94	12,201.94	12,056.31	1
635E2035	Signal Pole with 35' Mast Arm	Each	1.00	14,190.00	14,190.00	14,078.33	1
635E2040	Signal Pole with 40' Mast Arm	Each	1.00	13,620.50	13,620.50	13,500.67	1
635E2045	Signal Pole with 45' Mast Arm	Each	2.00	27,747.30	13,873.65	14,079.84	2
635E2050	Signal Pole with 50' Mast Arm	Each	2.00	34,818.50	17,409.25	17,782.54	2
635E2135	Signal Pole with 35' Mast Arm and Luminaire Arm	Each	1.00	15,972.00	15,972.00	15,906.00	1
635E2140	Signal Pole with 40' Mast Arm and Luminaire Arm	Each	6.00	118,100.00	19,683.33	19,216.56	3
635E2145	Signal Pole with 45' Mast Arm and Luminaire Arm	Each	5.00	89,467.84	17,893.57	17,692.99	4
635E2150	Signal Pole with 50' Mast Arm and Luminaire Arm	Each	1.00	17,000.00	17,000.00	17,000.00	1
635E2155	Signal Pole with 55' Mast Arm and Luminaire Arm	Each	2.00	47,721.47	23,860.74	21,547.41	2
635E2160	Signal Pole with 60' Mast Arm and Luminaire Arm	Each	1.00	20,413.45	20,413.45	20,156.15	1
635E2165	Signal Pole with 65' Mast Arm and Luminaire Arm	Each	3.00	64,959.78	21,653.26	21,414.84	1
635E2245	Signal Pole with 45' Mast Arm and Twin Luminaire Arms	Each	1.00	16,203.90	16,203.90	16,120.47	1
635E3395	Decorative Luminaire, 70 Watt	Each	28.00	107,520.00	3,840.00	3,840.00	1
635E3600	Floodlight Luminaire, 100 Watt	Each	4.00	25,200.00	6,300.00	6,300.00	1
635E3625	Floodlight Luminaire, 250 Watt	Each	28.00	157,780.00	5,635.00	5,635.00	1
635E3700	Roadway Luminaire, LED with Photoelectric Cell	Each	277.00	237,436.49	857.17	846.71	12
635E3800	Roadway Luminaire, LED	Each	19.00	19,380.00	1,020.00	1,020.00	1
635E3810	Decorative Luminaire, LED	Each	206.00	115,360.00	560.00	560.00	1
635E4030	3 Section Vehicle Signal Head	Each	93.00	93,293.60	1,003.16	975.85	6
635E4040	4 Section Vehicle Signal Head	Each	4.00	7,400.00	1,850.00	1,766.00	1
635E4050	5 Section Vehicle Signal Head	Each	2.00	3,620.57	1,810.28	1,802.10	2

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635E4080	3 Section Directional Vehicle Signal Head	Each	42.00	31,749.82	755.95	795.91	2
635E4090	4 Section Directional Vehicle Signal Head	Each	7.00	7,548.38	1,078.34	1,067.86	1
635E5020	2' Diameter Footing	Ft	1,804.00	235,092.46	130.32	137.67	16
635E5025	2.5' Diameter Footing	Ft	218.00	35,970.00	165.00	163.17	1
635E5030	3' Diameter Footing	Ft	391.00	126,485.10	323.49	322.57	8
635E5301	Type 1 Electrical Junction Box	Each	95.00	62,573.36	658.67	673.84	15
635E5302	Type 2 Electrical Junction Box	Each	136.00	114,402.34	841.19	891.80	10
635E5303	Type 3 Electrical Junction Box	Each	44.00	42,649.36	969.30	1,004.02	8
635E5304	Type 4 Electrical Junction Box	Each	11.00	26,930.00	2,448.18	2,653.55	2
635E5310	Special Electrical Junction Box	Each	16.00	48,000.00	3,000.00	3,000.00	1
635E5360	Surface Mounted Junction Box	Each	38.00	125,300.00	3,297.37	3,560.42	2
635E5400	Electrical Service Cabinet	Each	15.00	37,393.62	2,492.91	2,524.57	10
635E5410	Controller Cabinet	Each	1.00	2,700.00	2,700.00	2,700.00	1
635E5430	Traffic Signal Controller	Each	8.00	236,550.16	29,568.77	30,109.77	6
635E5515	Battery Backup System for Traffic Signal	Each	8.00	76,801.68	9,600.21	9,456.52	6
635E5520	Video Detection System	Each	3.00	96,000.00	32,000.00	29,501.83	3
635E5530	Preformed Detector Loop	Each	129.00	31,921.30	247.45	250.85	4
635E5535	Sawed-In, Preformed Detector Loop	Each	3.00	7,200.00	2,400.00	2,658.33	1
635E5540	Sawed-In Detector Loop	Each	11.00	23,100.00	2,100.00	2,100.00	1
635E5560	Emergency Vehicle Preemption Unit	Each	3.00	18,191.50	6,063.83	5,881.81	3
635E5562	Siren Emergency Vehicle Preemption System	Each	6.00	77,852.38	12,975.40	13,569.23	3
635E5570	Optical Detector	Each	10.00	11,390.00	1,139.00	1,131.13	3
635E5880	Accessible Pedestrian Signal	Each	172.00	178,071.52	1,035.30	1,089.59	8
635E5910	Pedestrian Push Button Pole	Each	154.00	122,234.44	793.73	856.47	8
635E5922	Pedestrian Signal Head with Countdown Timer	Each	172.00	97,194.70	565.09	625.62	8
635E5930	Pedestrian Crossing Sign	Each	172.00	8,924.86	51.89	55.94	8
635E5980	Rectangular Rapid Flashing Beacon System	Each	2.00	19,000.00	9,500.00	10,138.50	1
635E6200	Miscellaneous, Electrical	LS	6.00	161,579.00	26,929.83	31,508.05	6
635E6962	Install Traffic Signal Controller	Each	1.00	2,000.00	2,000.00	2,078.50	1
635E7020	Install Signal Pole with Mast Arm	Each	3.00	3,000.00	1,000.00	1,033.50	1
635E7500	Remove and Reset Luminaire Pole	Each	24.00	27,369.79	1,140.41	1,127.99	8
635E7530	Relocate Signal Equipment	LS	1.00	5,000.00	5,000.00	5,675.00	1
635E8008	0.75" Rigid Galvanized Steel Conduit	Ft	120.00	798.00	6.65	7.16	1
635E8020	2" Rigid Galvanized Steel Conduit	Ft	9,150.00	231,105.91	25.26	25.47	3
635E8030	3" Rigid Galvanized Steel Conduit	Ft	7,710.00	364,381.00	47.26	47.87	2
635E8110	1" Rigid Conduit, Schedule 40	Ft	296.00	2,604.80	8.80	8.80	1
635E8120	2" Rigid Conduit, Schedule 40	Ft	60,059.00	308,592.64	5.14	5.38	20
635E8130	3" Rigid Conduit, Schedule 40	Ft	1,558.00	14,616.62	9.38	9.61	6
635E8140	4" Rigid Conduit, Schedule 40	Ft	290.00	2,912.10	10.04	10.58	7
635E8160	6" Rigid Conduit, Schedule 40	Ft	166.00	3,320.00	20.00	20.00	1
635E8220	2" Rigid Conduit, Schedule 80	Ft	8,107.00	83,112.85	10.25	10.45	15
635E8230	3" Rigid Conduit, Schedule 80	Ft	2,623.00	34,096.36	13.00	13.97	7
635E8240	4" Rigid Conduit, Schedule 80	Ft	339.00	6,492.25	19.15	19.81	3
635E8830	2/2/2/4 Aluminum Wire	Ft	60.00	168.60	2.81	2.66	1
635E9001	1/C #000 AWG Copper Wire	Ft	2,837.00	8,511.00	3.00	3.00	1
635E9011	1/C #1 AWG Copper Wire	Ft	5,810.00	12,491.50	2.15	2.19	1
635E9012	1/C #2 AWG Copper Wire	Ft	21,394.00	37,752.44	1.76	1.85	3
635E9013	1/C #3 AWG Copper Wire	Ft	13,965.00	24,960.60	1.79	1.68	2
635E9014	1/C #4 AWG Copper Wire	Ft	35,299.00	37,125.64	1.05	1.19	6
635E9016	1/C #6 AWG Copper Wire	Ft	196,898.00	225,730.39	1.15	1.18	15
635E9018	1/C #8 AWG Copper Wire	Ft	2,673.00	1,730.57	0.65	0.64	3
635E9020	1/C #10 AWG Copper Wire	Ft	21,062.00	9,247.72	0.44	0.46	4
635E9022	1/C #12 AWG Copper Wire	Ft	1,873.00	777.90	0.42	0.42	3
635E9024	1/C #14 AWG Copper Wire	Ft	960.00	268.80	0.28	0.28	1
635E9502	2/C #14 AWG Copper Tray Cable, K2	Ft	31,661.00	30,009.24	0.95	1.04	8
635E9503	3/C #14 AWG Copper Tray Cable, K2	Ft	120.00	150.00	1.25	1.26	1
635E9504	4/C #14 AWG Copper Tray Cable, K2	Ft	6,952.00	8,176.68	1.18	1.20	8
635E9505	5/C #14 AWG Copper Tray Cable, K2	Ft	1,037.00	1,615.60	1.56	1.70	2
635E9507	7/C #14 AWG Copper Tray Cable, K2	Ft	5,174.00	7,780.05	1.50	1.59	5

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Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
635E9512	12/C #14 AWG Copper Tray Cable, K2	Ft	2,541.00	6,242.91	2.46	2.60	3
635E9520	20/C #14 AWG Copper Tray Cable, K2	Ft	447.00	2,155.02	4.82	4.80	2
635E9524	24/C #14 AWG Copper Tray Cable, K2	Ft	1,616.00	9,057.40	5.60	5.54	3
635E9525	25/C #14 AWG Copper Tray Cable, K2	Ft	1,079.00	6,096.35	5.65	5.60	1
635E9526	26/C #14 AWG Copper Tray Cable, K2	Ft	1,417.00	9,391.49	6.63	6.46	3
635E9530	30/C #14 AWG Copper Tray Cable, K2	Ft	2,167.00	12,095.21	5.58	6.09	3
635E9600	#16 AWG Copper Twisted Shielded Pair	Ft	27,505.00	19,441.85	0.71	0.74	5
635E9605	#12 AWG Copper Twisted Shielded Pair	Ft	2,685.00	4,833.00	1.80	1.80	1
635E9710	2/C #10 AWG Copper Pole and Bracket Cable	Ft	15,455.00	22,122.75	1.43	1.51	13
635E9800	Preemption Cable	Ft	3,135.00	5,490.00	1.75	1.92	2
635E9826	6 Pair Communication Cable	Ft	1,460.00	3,679.20	2.52	2.66	1
635E9860	Outdoor Rated Cat5 Cable	Ft	2,983.00	13,125.20	4.40	4.40	1
635E9900	Video Cable	Ft	680.00	1,224.00	1.80	1.82	1
635E9948	48 Strand Fiber Optic Cable	Ft	5,562.00	21,803.04	3.92	3.88	1
650E0060	Type B66 Concrete Curb and Gutter	Ft	17,253.00	392,859.01	22.77	20.82	12
650E0080	Type B68 Concrete Curb and Gutter	Ft	4,653.00	152,400.00	32.75	35.88	5
650E0085	Type B68.5 Concrete Curb and Gutter	Ft	10,177.00	285,973.70	28.10	26.92	1
650E0090	Type B69 Concrete Curb and Gutter	Ft	1,312.00	47,413.31	36.14	39.28	5
650E0095	Type B69.5 Concrete Curb and Gutter	Ft	4,302.00	199,642.00	46.41	43.90	2
650E0100	Type B610 Concrete Curb and Gutter	Ft	17,918.00	509,345.76	28.43	29.54	5
650E0360	Type BL66 Concrete Curb and Gutter	Ft	104.00	3,484.00	33.50	36.25	1
650E0380	Type BL68 Concrete Curb and Gutter	Ft	921.00	28,551.00	31.00	33.54	1
650E0385	Type BL68.5 Concrete Curb and Gutter	Ft	47.00	1,872.95	39.85	37.50	1
650E0395	Type BL69.5 Concrete Curb and Gutter	Ft	40.00	2,480.00	62.00	55.67	1
650E0400	Type BL610 Concrete Curb and Gutter	Ft	47.00	1,592.83	33.89	38.46	1
650E1060	Type F66 Concrete Curb and Gutter	Ft	5,720.00	106,160.00	18.56	17.81	2
650E1080	Type F68 Concrete Curb and Gutter	Ft	51.00	2,805.00	55.00	51.50	1
650E1085	Type F68.5 Concrete Curb and Gutter	Ft	126.00	5,021.10	39.85	38.28	1
650E1089	Modified Type F69 Concrete Curb and Gutter	Ft	1,094.00	44,635.20	40.80	45.27	1
650E1090	Type F69 Concrete Curb and Gutter	Ft	1,575.00	36,398.25	23.11	25.54	1
650E1095	Type F69.5 Concrete Curb and Gutter	Ft	196.00	6,860.00	35.00	67.50	1
650E1100	Type F610 Concrete Curb and Gutter	Ft	947.00	26,487.59	27.97	28.16	1
650E1360	Type FL66 Concrete Curb and Gutter	Ft	120.00	4,800.00	40.00	43.28	1
650E1395	Type FL69.5 Concrete Curb and Gutter	Ft	118.00	4,130.00	35.00	67.50	1
650E2000	Concrete Barrier Curb and Gutter	Ft	20.00	720.00	36.00	35.93	1
650E2100	Special Concrete Curb and Gutter	Ft	1,042.00	32,969.42	31.64	33.38	2
650E3060	Type B6 Concrete Curb	Ft	150.00	4,650.42	31.00	39.53	3
650E3200	Special Concrete Curb	Ft	128.00	4,083.20	31.90	32.30	1
650E4360	Type D46 Concrete Curb and Gutter	Ft	1,013.00	51,826.65	51.16	59.84	4
650E4660	Type P6 Concrete Gutter	Ft	857.00	17,640.50	20.58	20.63	5
650E4680	Type P8 Concrete Gutter	Ft	494.00	19,267.20	39.00	41.59	5
650E4685	Type P8.5 Concrete Gutter	Ft	1,196.00	44,670.60	37.35	30.00	1
650E4690	Type P9 Concrete Gutter	Ft	85.00	3,970.17	46.71	44.35	2
650E4695	Type P9.5 Concrete Gutter	Ft	58.00	2,610.00	45.00	53.33	1
650E4700	Type P10 Concrete Gutter	Ft	76.00	2,200.20	28.95	26.82	1
650E6060	6" Concrete Valley Gutter	Ft	27.00	3,012.66	111.58	73.86	1
650E6080	8" Concrete Valley Gutter	Ft	138.00	7,560.00	54.78	59.32	2
650E6280	8" Concrete Valley Gutter	SqYd	348.40	30,225.65	86.76	90.37	2
651E0040	4" Concrete Sidewalk	SqFt	225,472.00	1,682,999.61	7.46	7.10	20
651E0050	5" Concrete Sidewalk	SqFt	42,681.00	246,998.95	5.79	6.25	2
651E0060	6" Concrete Sidewalk	SqFt	78,450.00	639,762.38	8.16	7.99	8
651E0080	8" Concrete Sidewalk	SqFt	1,814.00	15,550.75	8.57	9.93	2
651E0140	4" Reinforced Concrete Sidewalk	SqFt	9,784.00	78,817.00	8.06	8.83	2
651E0150	5" Reinforced Concrete Sidewalk	SqFt	1,644.00	42,744.00	26.00	21.00	1
651E0160	6" Reinforced Concrete Sidewalk	SqFt	24,961.00	258,061.32	10.34	9.56	5
651E0180	8" Reinforced Concrete Sidewalk	SqFt	12,434.00	136,774.00	11.00	10.25	1
651E0540	4" Colored Concrete Sidewalk	SqFt	6,532.00	59,560.19	9.12	8.28	4
651E0550	5" Colored Concrete Sidewalk	SqFt	9,616.00	91,352.00	9.50	9.32	1
651E0560	6" Colored Concrete Sidewalk	SqFt	8,398.00	88,644.00	10.56	10.50	2
651E0760	6" Reinforced Colored Concrete Sidewalk	SqFt	2,686.00	31,433.80	11.70	11.41	2

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651E5000	Sidewalk Drain	Ft	62.10	7,010.48	112.89	155.57	3
651E7000	Type 1 Detectable Warnings	SqFt	7,109.00	363,971.89	51.20	48.74	21
651E7010	Type 2 Detectable Warnings	SqFt	172.00	12,200.00	70.93	55.28	2
670E1010	2' x 3' Type B Drop Inlet	Each	1.00	2,350.00	2,350.00	2,195.50	1
670E1015	3' x 4' Type B Drop Inlet	Each	2.00	5,850.00	2,925.00	2,738.00	1
670E1200	Type B Frame and Grate Assembly	Each	324.00	295,322.02	911.49	872.44	11
670E2200	Type C Frame and Grate	Each	15.00	29,448.77	1,963.25	1,844.60	7
670E3000	1.5' x 3' Type D Drop Inlet	Each	32.00	91,675.20	2,864.85	3,467.90	6
670E3200	Type D Frame and Grate	Each	44.00	80,468.80	1,828.84	1,713.20	8
670E3300	Type E Frame and Grate	Each	3.00	3,165.00	1,055.00	1,347.69	2
670E4120	Type L Median Drain	Each	1.00	5,133.00	5,133.00	3,537.67	1
670E4122	Type L Frame and Grate Assembly	Each	1.00	2,000.00	2,000.00	3,253.33	1
670E4205	Type M Frame and Grate Assembly	Each	9.00	19,336.00	2,148.44	2,653.73	3
670E4210	Type N Grate	Each	1.00	2,200.00	2,200.00	1,863.33	1
670E4440	4' x 11' Concrete Type S Drop Inlet Base	Each	1.00	4,650.00	4,650.00	4,366.00	1
670E5200	Special Frame and Grate Assembly	Each	7.00	18,121.50	2,588.79	2,229.60	2
670E5205	Special Grate	Each	1.00	400.00	400.00	1,073.03	1
670E5340	4' x 11' Precast Concrete Type S Drop Inlet Lid	Each	48.00	174,403.91	3,633.41	3,532.76	4
670E5342	4' x 6' Precast Concrete Type S Drop Inlet Lid	Each	21.00	86,597.03	4,123.67	3,922.77	3
670E5400	Precast Drop Inlet Collar	Each	366.00	134,102.66	366.40	381.70	18
670E6000	Adjust Drop Inlet	Each	6.00	2,000.00	333.33	1,038.89	2
670E6900	Reset Drop Inlet	Each	3.00	4,600.00	1,533.33	1,515.00	2
670E7000	Reset Drop Inlet Frame and Grate Assembly	Each	37.00	18,475.02	499.32	567.92	7
671E0100	Adjust Junction Box	Each	1.00	1,981.80	1,981.80	765.39	1
671E1048	48" Manhole	Each	13.00	73,120.64	5,624.66	5,137.69	5
671E1060	60" Manhole	Each	1.00	8,500.00	8,500.00	9,833.33	1
671E1130	48" Manhole 0' to 6' Deep	Each	9.00	32,300.00	3,588.89	3,429.57	2
671E1131	48" Manhole 6' to 8' Deep	Each	1.00	7,500.00	7,500.00	6,166.67	1
671E1133	48" Manhole 10' to 12' Deep	Each	4.00	31,338.00	7,834.50	7,161.64	2
671E1134	48" Manhole 12' to 14' Deep	Each	2.00	18,450.00	9,225.00	8,073.60	1
671E1348	48" Drop Manhole	Each	1.00	9,263.00	9,263.00	9,599.56	1
671E2008	8" Manhole Boot	Each	1.00	250.00	250.00	210.00	1
671E4200	Manhole Drop Section	Each	3.00	2,178.00	726.00	720.33	1
671E4548	48" Manhole Cone Section	Ft	15.60	18,836.60	1,207.47	740.60	3
671E5502	2" Adjusting Ring for Manhole	Each	11.00	661.59	60.14	77.59	3
671E5504	4" Adjusting Ring for Manhole	Each	30.00	2,460.66	82.02	96.07	2
671E5506	6" Adjusting Ring for Manhole	Each	0.00	0.00	0.00	350.00	0
671E5510	Extra Depth for 48" Manhole	Ft	44.60	12,252.99	274.73	281.88	2
671E6007	Type A7 Manhole Frame and Lid	Each	22.00	17,232.44	783.29	802.07	7
671E6008	Type A8 Manhole Frame and Lid	Each	1.00	1,500.00	1,500.00	1,200.00	1
671E6009	Type A9 Manhole Frame and Lid	Each	5.00	4,821.50	964.30	810.57	3
671E6010	Type A10 Manhole Frame and Lid	Each	10.00	6,772.50	677.25	821.75	1
671E6020	Type C Manhole Frame and Lid	Each	10.00	20,328.00	2,032.80	2,134.27	1
671E6030	Type S Manhole Frame and Lid	Each	8.00	5,125.00	640.62	766.51	3
671E6035	Special Manhole Frame and Lid	Each	10.00	17,010.32	1,701.03	1,485.75	2
671E6100	Manhole Frame & Lid, Install	Each	2.00	2,061.84	1,030.92	1,837.79	2
671E7000	Reset Manhole Frame and Lid	Each	5.00	2,791.79	558.36	656.04	3
671E7010	Adjust Manhole	Each	31.00	19,665.84	634.38	798.07	8
671E7015	Remove and Reset Manhole	Each	13.00	6,500.00	500.00	409.67	1
671E7020	Connect Into Existing Manhole	Each	6.00	15,617.00	2,602.83	3,178.17	4
671E8000	Reconstruct Manhole	Each	9.00	9,000.00	1,000.00	1,060.00	1
671E9000	Manhole Exfiltration/Vacuum Test	Each	1.00	442.50	442.50	458.58	1
680E0010	Edge Drain	Ft	341,287.00	3,394,727.34	9.95	9.95	3
680E0015	Edge Drain Outlet	Each	685.00	264,300.00	385.84	362.05	3
680E0040	4" Underdrain Pipe	Ft	8,110.00	140,153.40	17.28	19.90	16
680E0060	6" Underdrain Pipe	Ft	150.00	2,631.00	17.54	25.35	1
680E0100	Cutoff Drain	Each	4.00	36,875.66	9,218.92	7,959.57	2
680E0240	4" Corrugated Polyethylene Drainage Tubing	Ft	515.00	10,300.00	20.00	16.27	2
680E0260	6" Corrugated Polyethylene Drainage Tubing	Ft	15.00	1,050.00	70.00	65.62	1

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680E0280	8" Corrugated Polyethylene Drainage Tubing	Ft	50.00	1,750.00	35.00	24.67	1
680E0440	4" Slotted Corrugated Polyethylene Drainage Tubing	Ft	2,655.00	55,190.00	20.79	25.39	5
680E0660	6" Slotted Corrugated Polyethylene Drainage Tubing	Ft	1,485.00	21,829.50	14.70	17.57	1
680E2000	Concrete Headwall for Underdrain	Each	5.00	4,560.00	912.00	926.54	5
680E2500	Porous Backfill	Ton	2,046.00	130,572.21	63.82	68.85	17
700E0110	Class A Riprap	Ton	4,097.60	233,574.65	57.00	65.30	8
700E0210	Class B Riprap	Ton	34,305.00	1,735,436.06	50.59	50.01	26
700E0310	Class C Riprap	Ton	16,429.40	925,983.55	56.36	69.16	9
700E0410	Class D Riprap	Ton	2,838.60	163,307.00	57.53	77.24	2
700E0510	Class E Riprap	Ton	105.00	10,500.00	100.00	82.50	1
700E1010	Special Riprap	Ton	424.60	31,845.00	75.00	71.33	1
700E2010	Place Riprap	Ton	1,990.00	32,400.00	16.28	19.40	2
720E1010	PVC Coated Bank and Channel Protection Gabion	CuYd	1,108.00	441,862.58	398.79	379.43	16
720E1015	Bank and Channel Protection Gabion	CuYd	668.50	247,291.45	369.92	393.67	17
730E0100	Cover Crop Seeding	Bu	170.90	21,251.30	124.35	158.92	16
730E0200	Type A Permanent Seed Mixture	Lb	15.00	363.30	24.22	24.46	1
730E0202	Type B Permanent Seed Mixture	Lb	362.00	13,278.78	36.68	35.68	4
730E0204	Type C Permanent Seed Mixture	Lb	243.00	9,386.50	38.63	37.82	9
730E0206	Type D Permanent Seed Mixture	Lb	8,337.00	101,694.81	12.20	12.55	16
730E0208	Type E Permanent Seed Mixture	Lb	1,870.00	30,060.00	16.07	27.11	2
730E0210	Type F Permanent Seed Mixture	Lb	8,681.00	148,035.55	17.05	15.89	21
730E0212	Type G Permanent Seed Mixture	Lb	21,828.00	276,415.98	12.66	13.90	18
730E0251	Special Permanent Seed Mixture 1	Lb	8,572.00	98,120.97	11.45	11.24	10
730E0252	Special Permanent Seed Mixture 2	Lb	27.00	567.00	21.00	22.33	1
730E1200	Hydroseeding	SqYd	4,524.00	3,091.84	0.68	0.66	3
731E0100	Fertilizing	Lb	47,178.00	50,492.15	1.07	1.04	19
731E0200	Fertilizing	Ton	932.93	793,640.98	850.70	925.52	27
732E0100	Mulching	Ton	3,443.10	756,432.99	219.70	226.00	44
732E0200	Fiber Mulching	Ton	89.40	147,523.50	1,650.15	1,716.99	10
732E0250	Fiber Mulching	Lb	31,848.00	44,018.20	1.38	1.31	9
732E0350	Bonded Fiber Matrix	Lb	6,054.00	16,593.18	2.74	2.82	2
732E0550	Fiber Reinforced Matrix	Lb	198,125.00	361,884.00	1.83	1.78	13
733E0100	Sodding	SqYd	3,067.00	23,078.92	7.52	7.28	4
734E0010	Erosion Control	LS	24.00	157,279.28	6,553.30	7,815.30	24
734E0042	Soil Stabilizer	SqYd	2,104.00	736.40	0.35	0.35	1
734E0044	Soil Stabilizer	Acre	91.30	74,114.05	811.76	922.29	12
734E0101	Type 1 Erosion Control Blanket	SqYd	55.00	111.10	2.02	2.34	1
734E0102	Type 2 Erosion Control Blanket	SqYd	114,560.00	201,076.43	1.76	1.82	13
734E0103	Type 3 Erosion Control Blanket	SqYd	70,742.00	156,745.12	2.22	2.32	19
734E0104	Type 4 Erosion Control Blanket	SqYd	2,850.00	11,400.00	4.00	3.43	1
734E0131	Type 1 Turf Reinforcement Mat	SqYd	815.00	3,810.00	4.67	5.09	2
734E0132	Type 2 Turf Reinforcement Mat	SqYd	96,534.30	324,636.24	3.36	3.55	6
734E0133	Type 3 Turf Reinforcement Mat	SqYd	2,344.00	10,427.68	4.45	4.59	3
734E0135	Turf Reinforcement Mat	SqYd	178.00	1,780.00	10.00	9.10	1
734E0151	9" Diameter Erosion Control Wattle	Ft	555.00	3,330.00	6.00	5.58	1
734E0154	12" Diameter Erosion Control Wattle	Ft	86,054.00	396,103.65	4.60	4.63	68
734E0165	Remove and Reset Erosion Control Wattle	Ft	13,944.00	29,603.33	2.12	1.90	32
734E0170	Temporary Sediment Barrier	Ft	500.00	2,675.00	5.35	5.43	2
734E0180	Sediment Filter Bag	Ft	13,459.00	111,345.91	8.27	5.40	14
734E0325	Surface Roughening	Acre	83.00	21,536.05	259.47	289.37	7
734E0400	Rock Check Dam	CuYd	426.00	42,600.00	100.00	103.33	1
734E0450	Temporary Water Barrier	Ft	949.00	57,729.00	60.83	46.01	3
734E0510	Shaping for Erosion Control Blanket	Ft	65,911.00	32,280.29	0.49	0.76	25
734E0602	Low Flow Silt Fence	Ft	69,768.00	243,767.56	3.49	3.72	29
734E0604	High Flow Silt Fence	Ft	84,771.00	323,316.97	3.81	3.77	49
734E0610	Mucking Silt Fence	CuYd	11,472.00	98,561.41	8.59	7.10	56
734E0620	Repair Silt Fence	Ft	35,587.00	40,764.90	1.15	1.17	52

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Item Number	Description	Unit of Measure	Total Quantity	Total Cost	Avg Low Bid Price	Avg of 3 Lowest Bids	Bid Cnt
734E0630	Floating Silt Curtain	Ft	19,770.00	274,152.50	13.87	14.09	12
734E0635	Remove and Reset Floating Silt Curtain	Ft	675.00	675.00	1.00	6.50	1
734E0680	Flocculent Housing Unit	Each	2.00	12,273.66	6,136.83	5,310.41	1
734E0683	500K Gallon Treatment Flocculent Bag	Each	2.00	3,268.36	1,634.18	958.47	1
734E0845	Sediment Control at Inlet with Frame and Grate	Each	567.00	81,696.22	144.09	145.62	21
734E0847	Sediment Control at Type S Reinforced Concrete Drop Inlet	Ft	1,404.00	32,857.47	23.40	23.98	11
734E0855	Interim Sediment Control at Inlet	Each	10.00	1,070.00	107.00	100.17	1
734E0900	Temporary Diversion Channel for Fish Passage	Each	6.00	129,900.75	21,650.12	18,888.94	4
734E1200	Natural Streambed Material	Ton	139.30	6,198.85	44.50	80.75	1
734E1201	Natural Streambed Material Type 1	Ton	283.80	17,737.50	62.50	93.08	1
734E1202	Natural Streambed Material Type 2	Ton	105.00	6,562.50	62.50	93.08	1
734E2010	Bridge Berm Slope Protection, Concrete Pavement	SqYd	39.90	4,021.12	100.78	180.84	1
734E4990	Dewatering	Day	14.00	140.00	10.00	266.67	1
734E5005	Dewatering	LS	4.00	65,444.14	16,361.04	19,256.44	4
734E5010	Sweeping	Hour	572.00	71,183.70	124.45	130.48	13
735E0110	1 Gallon Perennial Plant, Furnish and Plant	Each	1,180.00	32,612.66	27.64	29.99	2
735E1120	2' Deciduous Shrub, Furnish and Plant	Each	98.00	9,065.98	92.51	89.50	1
735E1210	2 Gallon Deciduous Shrub, Furnish and Plant	Each	81.00	7,840.80	96.80	73.60	1
735E1360	6' Coniferous Evergreen, Furnish and Plant	Each	4.00	4,440.00	1,110.00	776.67	1
735E1380	8' Coniferous Evergreen, Furnish and Plant	Each	7.00	11,270.00	1,610.00	1,136.67	1
735E1520	2 Gallon Coniferous Shrub, Furnish and Plant	Each	69.00	5,493.78	79.62	76.93	1
735E2080	8' to 10' Tree, Furnish and Plant	Each	3.00	3,375.00	1,125.00	825.00	1
735E2215	1.5" Caliper Deciduous Tree, Furnish and Plant	Each	5.00	2,850.00	570.00	556.67	1
735E2220	2" Caliper Deciduous Tree, Furnish and Plant	Each	80.00	85,167.04	1,064.59	923.18	2
735E2225	2.5" Caliper Deciduous Tree, Furnish and Plant	Each	14.00	22,456.00	1,604.00	1,068.00	1
735E3010	Salvage, Store, and Replant Tree	Each	17.00	17,152.32	1,008.96	1,027.69	2
735E5010	1 Gallon Ornamental Grass, Furnish and Plant	Each	436.00	15,168.88	34.79	29.61	2
831E0110	Type B Drainage Fabric	SqYd	82,320.00	256,282.86	3.11	3.47	54
831E0200	Woven Separator Fabric	SqYd	2,269.00	7,497.00	3.30	3.10	3
831E0210	Non-woven Separator Fabric	SqYd	45,017.00	81,943.00	1.82	1.65	5
831E0300	Reinforcement Fabric (MSE)	SqYd	100,877.00	189,086.60	1.87	2.14	13
831E0400	Impermeable Plastic Membrane	SqYd	583.00	13,588.25	23.31	18.44	3
831E1010	Geogrid Reinforcement	SqYd	5,020.00	13,511.90	2.69	3.69	3
831E1500	Geotextile Bond Breaker Fabric	SqYd	303,420.00	752,481.60	2.48	2.44	1
900E0010	Refurbish Single Mailbox	Each	415.00	89,331.02	215.26	219.21	39
900E0012	Refurbish Double Mailbox	Each	95.00	23,870.86	251.27	250.58	18
900E0015	Multiple Mailbox Support	Each	6.00	3,138.00	523.00	719.00	1
900E0030	Remove and Reset Historical Marker	Each	3.00	1,150.00	383.33	429.44	2
900E0900	Curb Stop	Each	10.00	4,581.90	458.19	516.06	1
900E1080	Orange Plastic Safety Fence	Ft	12,175.00	42,016.90	3.45	4.69	13
900E1085	Ornamental Metal Fence	Ft	40.00	10,000.00	250.00	215.33	1
900E1310	Concrete Washout Facility	Each	5.00	4,350.00	870.00	1,881.92	4
900E1320	Construction Entrance	Each	78.00	230,052.65	2,949.39	3,366.65	27
900E1350	Temporary Surfacing	SqFt	45,307.00	210,428.92	4.64	5.79	2
900E1980	Storage Unit	Each	13.00	37,701.91	2,900.15	3,434.00	13
900E2024	Miscellaneous Work, Electrical	LS	1.00	4,500.00	4,500.00	7,250.00	1
900E2030	Miscellaneous Work	Site	27.00	43,687.10	1,618.04	2,008.42	6
900E2090	AASHTO T-180 Soil Test	Each	4.00	800.00	200.00	250.12	1
900E2490	Blading	Hour	200.00	36,000.00	180.00	175.00	1
900E5100	Bench	Each	2.00	8,000.00	4,000.00	3,500.00	1
900E5145	Bollard	Each	26.00	9,843.86	378.61	767.87	1
900E5147	Articulated Concrete Mattress	SqYd	3,529.30	688,937.70	195.21	217.08	2
900E5149	Landscaping Rock	CuYd	157.30	11,818.76	75.14	73.13	3
900E5150	Landscape Edging	Ft	122.00	1,786.08	14.64	11.88	1

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900E5151	Ornamental Landscaping Boulders	Each	53.00	12,213.76	230.45	266.94	2
900E5152	Weed Barrier Fabric	SqYd	3,167.00	9,832.70	3.10	3.35	2
900E5153	Mulch Ring	Each	70.00	7,582.75	108.32	142.47	2
900E5156	3" Depth Shredded Bark Mulch	SqYd	640.00	4,160.00	6.50	6.29	1
900E5157	4" Depth Shredded Bark Mulch	SqYd	1,487.00	3,345.75	2.25	12.08	1
900E5400	Sprinkler System	LS	1.00	54,444.33	54,444.33	52,862.25	1
900E5840	Permanent Vehicle Classification System	Each	2.00	432,500.00	216,250.00	225,625.00	2
998E0100	Railroad Protective Insurance	LS	17.00	67,555.40	3,973.85	4,491.07	17