



**DEPARTMENT OF
TRANSPORTATION**

Bid Item Price Report

January 01, 2023 to December 31, 2023

Office of Project Development – Bid Letting





Planning & Engineering
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2023 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 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 2023 report is representative of: 150 contracts let and awarded through the South Dakota Electronic Bid System (SDEBS); 467 bids received; and \$719 million in contract awards, which was 4.87 percent, or \$33.4 million over the Engineer's Estimate. In addition, it should be noted that bids for 6 contracts were rejected during 2023 and this report does not contain bid data from those contracts.

We hope you find the 2023 SDDOT Bid Item Price Report informative and helpful.

Sincerely,

SDDOT Bid Letting Staff

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

January 2023 - December 2023

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

Item Description	Unit	2019	2019 Average	2023	2023 Average	Average Unit Price % Difference
		Quantity	Unit Price	Quantity	Unit Price	
1 Unclassified Excavation (10,000-149,999)	CuYd	486,430.00	\$5.70	506,509.00	\$5.12	-10.200%
2 Unclassified Excavation (150,000 and above)	CuYd	3,617,660.00	\$2.32	5,724,755.00	\$3.93	69.100%
3 Granular Base (10,000 and above)	Ton	487,981.20	\$18.34	436,484.60	\$24.66	34.500%
4 Asphalt Binder (500 and above)	Ton	88,638.10	\$639.41	70,618.30	\$910.93	42.500%
5 Asphalt Concrete (10,000 and above)	Ton	1,846,830.20	\$40.96	1,470,274.90	\$52.13	27.300%
6 Nonreinforced PCC Pavement (20,000 and above)	SqYd	193,192.90	\$44.44	748,120.40	\$56.47	27.100%
7 PCC Overlay	SqYd	174,522.10	\$37.88	N/A	N/A	N/A
8 Nonreinforced Concrete Sidewalk (5,000 and above)	SqYd	289,961.00	\$6.68	266,806.00	\$7.60	13.700%
9 Class A45 Concrete (Bridge)	CuYd	10,839.90	\$1,096.91	5,799.80	\$1,988.18	81.300%
10 Class A45 Concrete (Box Culvert) (100 and above)	CuYd	2,692.60	\$871.56	11,536.60	\$1,034.76	18.700%
11 Reinforcing Steel (10,000 and above)	Lbs	2,770,065.00	\$1.53	2,666,085.00	\$3.78	147.900%
12 Prestressed Girder (27"-45")	Ft	3,153.00	\$273.57	1,021.00	\$454.50	66.100%
13 Prestressed Girder (54" and above)	Ft	1,751.00	\$299.14	3,593.00	\$626.07	109.300%
14 Structural Steel	Lbs	440,467.00	\$2.60	218,925.00	\$3.97	52.692%
15 Bridge Painting (5,000 and above)	SqFt	91,342.00	\$5.54	415,062.00	\$12.10	118.412%
16 Two Coat Bridge Deck Polymer Chip Seal	SqYd	42,021.20	\$57.91	27,931.10	\$100.74	73.960%
17 Signal Poles with Mast Arms (up to 65' Mast Arm)	Each	12.00	\$12,919.09	4.00	\$21,972.25	70.100%
18 Breakaway Base Luminaire Poles (40'-50' mounting height)	Each	262.00	\$2,911.46	283.00	\$4,721.94	62.200%

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
2023 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
004E0020	Construction and Maintenance of Detour(s)	LS	1.00	6,500.00	6,500.00	7,166.67	1
004E0030	Maintenance of Traffic Diversion(s)	LS	7.00	746,801.42	106,685.92	202,005.47	7
004E0050	Remove Traffic Diversion(s)	LS	10.00	955,076.05	95,507.60	134,280.57	10
009E0010	Mobilization	LS	150.00	65,887,953.89	439,253.03	515,798.74	150
009E1000	Incentive/Disincentive Pay	Day	0.00	0.00	0.00	0.00	51
009E1350	Restoration of Stockpile Site	LS	4.00	37,687.22	9,421.80	12,529.12	4
009E3200	Construction Staking	LS	11.00	334,322.48	30,392.95	33,898.57	11
009E3210	Construction Staking	Mile	86.37	135,543.58	1,569.35	1,599.07	3
009E3220	Reestablish Right-of-Way and Property Corner	Each	1,180.00	80,614.53	68.32	66.27	10
009E3230	Grade Staking	Mile	258.44	940,497.64	3,639.18	3,299.77	35
009E3240	Graded Centerline Staking	Mile	71.31	133,345.72	1,870.02	1,825.19	6
009E3245	Final Cross Section Survey	Mile	48.81	66,646.75	1,365.52	1,547.20	6
009E3250	Miscellaneous Staking	Mile	198.53	1,291,934.58	6,507.47	5,608.78	33
009E3260	Miscellaneous Staking	LS	2.00	10,000.00	5,000.00	5,226.67	2
009E3280	Slope Staking	Mile	125.78	496,639.91	3,948.54	3,800.03	35
009E3290	Structure Staking	Each	61.00	273,033.65	4,475.96	4,487.06	22
009E3305	As-Built Survey	LS	6.00	15,000.00	2,500.00	2,500.00	6
009E3310	Bridge Elevation Survey	LS	23.00	172,096.22	7,482.44	8,113.08	23
009E3320	Checker	LS	25.00	701,755.00	28,070.20	26,867.24	25
009E3500	Weigh-In-Motion System	Each	1.00	322,000.00	322,000.00	313,400.00	1
009E4100	Construction Schedule, Category I	LS	2.00	20,500.00	10,250.00	14,150.00	2
009E4200	Construction Schedule, Category II	LS	17.00	106,168.15	6,245.19	7,832.48	17
009E4220	Project Management, Category II	LS	2.00	82,800.00	41,400.00	21,700.00	2
009E4300	Construction Schedule, Category III	LS	5.00	57,083.93	11,416.79	16,500.84	5
009E4330	Project Management, Category III	LS	2.00	51,333.93	25,666.96	164,176.85	2
009E5000	Concrete Penetrating Sealer	SqYd	23,898.60	408,846.72	17.11	20.30	10
009E9900	Training Program	Hour	26,500.00	125,345.00	4.73	6.32	25
100E0010	Clear and Grub Stump	Each	37.00	4,440.00	120.00	362.50	1
100E0020	Clear and Grub Tree	Each	153.00	77,190.00	504.51	709.82	10
100E0100	Clearing	LS	36.00	1,233,168.74	34,254.69	44,894.17	36
110E0010	Remove Concrete Bridge Approach Slab	SqYd	8,112.90	762,495.90	93.99	111.68	11
110E0020	Remove Bridge Railing	Ft	4,110.00	151,554.26	36.87	37.52	8
110E0040	Remove Concrete Bridge Slab	SqYd	201.10	295,905.00	1,471.43	988.48	2
110E0100	Remove Concrete Footing(s)	LS	6.00	68,042.79	11,340.46	12,884.68	6
110E0120	Remove Sign Bridge	Each	1.00	7,500.00	7,500.00	8,250.00	1
110E0130	Remove Traffic Sign	Each	15,289.00	154,824.36	10.13	10.68	25
110E0135	Remove Delineator	Each	3,519.00	38,911.95	11.06	10.25	16
110E0210	Remove Building(s)	LS	3.00	150,484.00	50,161.33	53,805.88	3
110E0300	Remove Concrete Curb and/or Gutter	Ft	12,819.00	115,018.24	8.97	9.03	16
110E0330	Remove Concrete Channel	SqYd	95.00	617.50	6.50	7.07	1
110E0400	Remove Drop Inlet	Each	92.00	59,418.93	645.86	866.75	14
110E0415	Remove Edge Drains	LS	1.00	2,165.15	2,165.15	2,898.58	1
110E0420	Remove Drop Inlet Frame and Grate Assembly	Each	22.00	3,641.00	165.50	245.62	4
110E0460	Remove Manhole	Each	12.00	10,200.00	850.00	900.18	1
110E0500	Remove Pipe Culvert	Ft	2,364.00	78,929.86	33.39	34.57	19
110E0510	Remove Pipe End Section	Each	263.00	91,064.38	346.25	422.42	18
110E0550	Remove Cattle Guard	Each	2.00	2,500.00	1,250.00	3,122.50	2
110E0595	Remove Cattle Pass End Section	Each	2.00	1,628.00	814.00	796.33	1
110E0600	Remove Fence	Ft	320,678.00	238,287.95	0.74	0.89	38
110E0605	Remove Chain Link Fence	Ft	40.00	540.00	13.50	18.82	1
110E0700	Remove 3 Cable Guardrail	Ft	32,767.00	96,847.12	2.96	3.18	9
110E0707	Remove High Tension 4 Cable Guardrail	Ft	3,800.00	11,044.28	2.91	3.65	3
110E0730	Remove Beam Guardrail	Ft	43,162.50	257,436.89	5.96	6.42	30
110E0740	Remove 3 Cable Guardrail Anchor Assembly	Each	183.00	46,928.69	256.44	254.19	9
110E0745	Remove 3 Cable Guardrail Slip Base Anchor Assembly	Each	30.00	9,733.96	324.47	321.46	6
110E0749	Remove High Tension 4 Cable Guardrail Anchor Assembly	Each	14.00	8,854.00	632.43	929.79	3

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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
110E0750	Remove Guardrail Terminal Anchor	Each	42.00	10,500.00	250.00	300.00	1
110E0760	Remove Beam Guardrail Trailing End Terminal	Each	26.00	5,003.00	192.42	244.05	4
110E0770	Remove W Beam Guardrail Breakaway Cable Terminal	Each	33.00	8,400.00	254.55	304.26	4
110E0800	Remove W Beam Guardrail End Terminal	Each	13.00	2,685.36	206.57	209.88	3
110E0810	Remove Rubrail	Ft	500.70	2,813.34	5.62	6.13	4
110E1010	Remove Asphalt Concrete Pavement	SqYd	144,526.10	1,178,519.94	8.15	8.13	52
110E1020	Remove Asphalt Concrete Pavement	CuYd	3,813.20	55,356.32	14.52	13.62	3
110E1050	Remove Asphalt Concrete Approach Pavement	SqYd	1,658.00	18,785.14	11.33	11.29	1
110E1100	Remove Concrete Pavement	SqYd	487,524.40	3,069,852.86	6.30	6.41	20
110E1120	Remove Concrete Median Pavement	SqYd	2,614.60	27,457.77	10.50	7.62	4
110E1130	Remove Concrete Driveway Pavement	SqYd	2,379.50	40,942.20	17.21	13.23	8
110E1140	Remove Concrete Sidewalk	SqYd	4,963.90	43,884.37	8.84	9.37	10
110E1150	Remove Concrete Median Barrier	Ft	109.00	27,810.26	255.14	255.14	1
110E1510	Remove Luminaire Pole	Each	19.00	7,344.69	386.56	331.76	3
110E1520	Remove Signal Equipment	LS	3.00	12,550.00	4,183.33	4,516.98	3
110E1530	Remove Signal Pole Footing	Each	6.00	5,250.00	875.00	1,006.27	2
110E1540	Remove Luminaire Pole Footing	Each	96.00	31,809.23	331.35	328.10	6
110E1600	Remove Riprap	SqYd	12.50	1,050.00	84.00	203.73	1
110E1640	Remove Granular Material	CuYd	631.00	15,704.96	24.89	25.63	2
110E1650	Remove Bank and Channel Protection Gabion	Each	3.00	1,800.00	600.00	1,375.00	1
110E1690	Remove Sediment	CuYd	418.10	29,788.38	71.25	71.48	40
110E1693	Remove Erosion Control Wattle	Ft	23,554.00	53,702.36	2.28	2.07	21
110E1695	Remove Sediment Filter Bag	Ft	12,993.00	7,052.08	0.54	0.59	9
110E1700	Remove Silt Fence	Ft	84,169.00	64,966.17	0.77	1.26	49
110E1910	Remove Fire Hydrant	Each	5.00	2,700.00	540.00	582.87	2
110E1960	Remove Valve Box	Each	12.00	3,000.00	250.00	264.76	1
110E1965	Remove Gate Valve	Each	12.00	4,800.00	400.00	423.61	1
110E1970	Remove Water Main	Ft	37.00	185.00	5.00	9.43	1
110E4290	Salvage Beam Guardrail	Ft	2,021.00	16,380.91	8.11	8.73	3
110E5020	Salvage Traffic Sign	Each	21,193.00	319,156.36	15.06	15.94	9
110E5030	Salvage Extruded Panel Sign	Each	1.00	1,000.00	1,000.00	800.00	1
110E5100	Salvage Luminaire Pole	Each	16.00	2,636.70	164.79	197.59	2
110E5105	Salvage Luminaire	Each	18.00	352.62	19.59	19.59	1
110E5110	Salvage Signal Equipment	LS	2.00	2,308.00	1,154.00	1,057.60	2
110E5451	Salvage Riprap	Ton	114.00	2,272.50	19.93	27.70	2
110E5500	Salvage Pipe	Ft	80.00	960.00	12.00	25.67	1
110E5600	Salvage Cattle Guard	Each	1.00	4,315.00	4,315.00	3,072.30	1
110E5740	Salvage Fire Hydrant	Each	2.00	1,000.00	500.00	543.33	1
110E5770	Salvage Valve Box	Each	2.00	300.00	150.00	203.00	1
110E5800	Salvage Fence	Ft	4,611.00	6,777.78	1.47	2.23	2
110E6000	Remove 3 Cable Guardrail for Reset	Ft	231.00	1,305.15	5.65	9.32	1
110E6006	Remove High Tension 4 Cable Guardrail for Reset	Ft	675.00	3,823.77	5.66	7.13	2
110E6010	Remove 3 Cable Guardrail Anchor Assembly for Reset	Each	2.00	570.00	285.00	342.50	1
110E6016	Remove High Tension 4 Cable Guardrail Anchor Assembly for Reset	Each	4.00	4,531.16	1,132.79	946.64	2
110E6410	Remove Type 1 MGS for Reset	Ft	719.50	4,110.75	5.71	5.90	3
110E6500	Remove Type 1 Guardrail Transition for Reset	Each	6.00	1,535.00	255.83	395.36	2
110E7000	Remove Crossover Closure for Reset	Ft	1,328.00	6,929.92	5.22	5.18	4
110E7020	Remove Interim Crossover Closure for Reset	Ft	576.00	2,803.20	4.87	4.81	2
110E7040	Remove Gate for Reset	Each	7.00	1,033.00	147.57	146.71	3
110E7150	Remove Sign for Reset	Each	611.00	32,417.41	53.06	42.01	39
110E7152	Remove Delineator for Reset	Each	125.00	1,340.00	10.72	10.38	5
110E7200	Remove Luminaire Pole for Reset	Each	1.00	1,135.58	1,135.58	1,098.79	1
110E7220	Remove Signal Pole for Reset	Each	1.00	1,695.00	1,695.00	1,747.50	1
110E7500	Remove Pipe for Reset	Ft	730.00	44,538.00	61.01	70.71	11
110E7510	Remove Pipe End Section for Reset	Each	182.00	63,232.84	347.43	458.56	19

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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
110E7540	Remove Cattle Pass End Section for Reset	Each	1.00	1,000.00	1,000.00	1,205.00	1
110E7700	Remove Drop Inlet Frame and Grate Assembly for Reset	Each	2.00	960.00	480.00	315.00	1
110E7710	Remove Manhole Frame and Lid for Reset	Each	1.00	280.00	280.00	270.33	1
110E7800	Remove Chain Link Fence for Reset	Ft	801.00	6,670.00	8.33	16.22	3
110E7802	Remove Fence for Reset	Ft	3,317.00	55,456.82	16.72	13.31	7
120E0010	Unclassified Excavation	CuYd	6,368,714.00	27,354,503.37	4.30	4.80	64
120E0020	Unclassified Excavation	LS	3.00	72,000.00	24,000.00	24,075.00	3
120E0300	Borrow Unclassified Excavation	CuYd	889,196.00	3,668,718.24	4.13	6.40	3
120E0500	Option Borrow Excavation	CuYd	422,750.00	4,609,187.20	10.90	10.70	4
120E0600	Contractor Furnished Borrow	CuYd	317,377.00	5,860,019.00	18.46	20.45	51
120E1000	Muck Excavation	CuYd	120,421.00	1,111,158.43	9.23	10.31	18
120E1100	Unclassified/Rock Excavation	CuYd	1,288,206.00	14,634,855.60	11.36	15.41	2
120E1200	Blasting	CuYd	1,000.00	500,000.00	500.00	260.00	1
120E2000	Undercutting	CuYd	1,263,868.00	2,732,212.05	2.16	2.14	28
120E3120	Bridge Berm Repair	Each	36.00	969,803.00	26,938.97	39,812.83	9
120E4100	Reprofiling Ditch	Sta	39.30	24,058.38	612.17	675.26	4
120E6200	Water for Granular Material	MGal	30,237.80	888,507.59	29.38	33.51	39
120E6300	Water for Vegetation	MGal	3,557.90	7,055.35	1.98	1.85	2
120E7000	Select Granular Backfill	Ton	419.40	114,323.01	272.59	264.38	9
120E9000	Pit Run	Ton	24,395.70	709,730.29	29.09	30.46	5
205E0010	Dust Control Chloride	Lb	121,688.00	101,414.64	0.83	0.68	2
205E0030	Dust Control Nonchloride	Lb	27,300.00	164,000.00	6.01	5.06	2
210E1000	Shoulder Preparation	Mile	141.17	311,584.75	2,207.18	2,411.19	8
210E1005	Surface Preparation	Mile	32.77	636,792.34	19,429.80	16,778.44	4
210E2000	Shoulder Shaping	Mile	36.28	115,318.16	3,179.00	3,099.13	2
210E3000	Ordinary Roadway Shaping	Mile	0.18	39,872.13	220,288.01	134,465.94	2
210E3020	Ordinary Roadway Shaping	SqYd	333.30	6,666.00	20.00	16.00	1
210E3500	Heavy Roadway Shaping	Mile	0.35	17,250.00	50,000.00	52,333.33	1
210E3510	Heavy Roadway Shaping	SqYd	1,162.00	12,782.00	11.00	23.77	1
230E0010	Placing Topsoil	CuYd	830,583.00	3,016,987.64	3.63	4.19	43
230E0020	Contractor Furnished Topsoil	CuYd	15,748.00	310,625.00	19.72	25.66	6
230E0100	Remove and Replace Topsoil	LS	21.00	801,342.14	38,159.15	41,711.95	21
240E0010	Obliterate Old Road	Sta	165.00	115,425.00	699.55	720.20	6
250E0010	Incidental Work	LS	3.00	50,700.00	16,900.00	11,768.33	3
250E0020	Incidental Work, Grading	LS	36.00	1,618,510.23	44,958.62	53,276.17	36
250E0030	Incidental Work, Structure	LS	29.00	4,727,709.42	163,024.46	188,592.45	29
260E1010	Base Course	Ton	407,225.20	11,801,275.49	28.98	30.46	61
260E1030	Base Course, Salvaged	Ton	753,463.70	6,184,120.47	8.21	9.26	23
260E1060	Base Course, Modified	Ton	9,553.00	262,541.40	27.48	39.63	2
260E1080	Base Course, Salvaged, State Furnished	Ton	95,793.30	1,279,040.87	13.35	14.45	6
260E1090	Base Course, State Furnished	Ton	5,500.00	55.00	0.01	2.17	1
260E2010	Gravel Cushion	Ton	153,406.30	2,933,711.22	19.12	20.16	17
260E2030	Gravel Cushion, Salvaged	Ton	269,823.80	2,013,253.95	7.46	8.14	5
260E2080	Gravel Cushion, Salvaged, State Furnished	Ton	61,277.60	773,666.00	12.63	11.63	3
260E2090	Gravel Cushion, State Furnished	Ton	4,328.00	41,116.00	9.50	10.39	1
260E3010	Gravel Surfacing	Ton	13,707.40	560,252.83	40.87	54.73	6
260E3030	Gravel Surfacing, Salvaged	Ton	463.00	2,778.00	6.00	6.33	1
260E5000	Shot Rock	Ton	17,270.60	1,295,295.00	75.00	100.12	2
260E6000	Granular Material, Furnish	Ton	129,227.60	3,591,023.92	27.79	27.88	12
260E6010	Granular Material	Ton	25,555.80	930,284.20	36.40	40.67	14
270E0020	Salvage and Stockpile Asphalt Mix Material	Ton	100,978.50	914,130.95	9.05	10.21	5
270E0022	Salvage Asphalt Mix Material	Ton	10,000.00	68,900.00	6.89	6.96	1
270E0040	Salvage and Stockpile Asphalt Mix and Granular Base Material	Ton	628,361.20	5,317,911.25	8.46	9.74	10
270E0042	Salvage Asphalt Mix and Granular Base Material	Ton	165,661.40	1,076,155.99	6.50	6.57	3
270E0110	Salvage and Stockpile Granular Material	Ton	204,604.20	1,068,318.42	5.22	6.03	8
270E0112	Salvage Granular Material	Ton	30,715.60	210,304.67	6.85	10.95	4
270E0200	Blend, Haul, and Stockpile Granular Material	Ton	239,316.30	1,757,502.10	7.34	8.06	13

**South Dakota Department of Transportation
2023 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
270E0210	Haul and Stockpile Granular Material	Ton	11,854.70	61,258.35	5.17	6.83	4
270E0220	Blend and Stockpile Granular Material	Ton	384,339.70	2,006,264.42	5.22	5.09	9
280E0010	Full Depth Reclamation	SqYd	1,382,690.00	2,675,895.60	1.94	1.84	4
280E0020	Full Depth Reclamation, Shoulder	SqYd	140,230.00	283,636.54	2.02	2.24	2
320E0005	PG 58-34 Asphalt Binder	Ton	53,549.60	48,564,730.17	906.91	879.33	24
320E0007	PG 64-28 Asphalt Binder	Ton	1,964.00	1,933,322.32	984.38	1,000.19	1
320E0008	PG 64-34 Asphalt Binder	Ton	17,924.50	16,468,341.95	918.76	941.37	9
320E0300	CQS-1P Asphalt Emulsion for Microsurfacing	Gal	68,548.00	274,192.00	4.00	4.77	1
320E0402	Asphalt Repair Mastic Type 2	Lb	1,844,456.00	1,993,777.60	1.08	1.18	4
320E1003	Class Q3 Hot Mixed Asphalt Concrete	Ton	88,384.30	4,356,096.87	49.29	54.86	2
320E1005	Class Q5 Hot Mixed Asphalt Concrete	Ton	60,662.00	3,700,382.00	61.00	65.42	1
320E1050	Class E Asphalt Concrete	Ton	84,822.60	5,763,439.02	67.95	66.96	5
320E1060	Class G Asphalt Concrete	Ton	10,635.80	795,673.79	74.81	75.92	2
320E1070	Class HR Asphalt Concrete	Ton	135,055.50	7,540,141.25	55.83	63.67	8
320E1090	Modified Class S Asphalt Concrete	Ton	88,767.00	7,306,422.00	82.31	82.32	2
320E1200	Asphalt Concrete Composite	Ton	64,755.70	11,305,867.24	174.59	181.31	62
320E1202	CLASS Q2R HOT MIXED ASPHALT CONCRETE	Ton	392,675.80	21,327,103.54	54.31	57.10	7
320E1203	CLASS Q3R HOT MIXED ASPHALT CONCRETE	Ton	647,773.00	29,140,613.41	44.99	53.67	9
320E1400	Contractor Furnished Asphalt Concrete	Ton	1,000.00	68,000.00	68.00	71.19	2
320E1800	Asphalt Concrete Blade Laid	Ton	31,084.00	2,015,140.46	64.83	69.99	11
320E1810	Asphalt Concrete Leveling Lift	Ton	9,213.00	663,336.00	72.00	74.33	1
320E3000	Compaction Sample	Each	122.00	27,429.75	224.83	264.43	14
320E3100	Stabilizing Additive for Asphalt Concrete	Ton	278.50	333,565.00	1,197.72	1,306.75	2
320E4000	Hydrated Lime	Ton	12,344.70	3,073,252.75	248.95	255.64	22
320E4510	Mineral Aggregate for Microsurfacing	Ton	15,044.10	1,682,587.01	111.84	123.16	3
320E5000	Saw and Seal Joint in Asphalt Concrete	Ft	143,871.00	328,051.16	2.28	5.49	2
320E5010	Saw and Seal Shoulder Joint	Ft	825,713.00	651,513.96	0.79	0.83	12
320E5020	Saw Joint in Asphalt Concrete	Ft	77,173.00	203,599.50	2.64	2.63	4
320E6000	Temporary Asphalt	Ton	17,188.60	2,213,952.87	128.80	131.29	3
320E7008	Grind 8" Rumble Strip or Stripe in Asphalt Concrete	Mile	132.50	93,266.68	703.90	645.18	4
320E7012	Grind 12" Rumble Strip or Stripe in Asphalt Concrete	Mile	662.70	441,243.21	665.83	649.29	23
320E7030	Grind Sinusoidal Centerline Rumble Stripe in Asphalt Concrete	Mile	20.10	20,740.90	1,031.89	988.70	6
320E7035	Grind Sinusoidal Transverse Rumble Strip in Asphalt Concrete	SqFt	1,568.00	14,504.00	9.25	8.96	3
330E0010	MC-70 Asphalt for Prime	Ton	3,908.70	5,315,419.49	1,359.89	1,343.45	27
330E0100	SS-1h or CSS-1h Asphalt for Tack	Ton	5,465.20	4,833,887.94	884.49	866.09	34
330E0210	SS-1h or CSS-1h Asphalt for Flush Seal	Ton	1,883.60	2,112,928.56	1,121.75	1,166.11	30
330E0300	SS-1h or CSS-1h Asphalt for Fog Seal	Ton	4,777.10	5,245,910.44	1,098.14	1,119.12	17
330E1000	Blotting Sand for Prime	Ton	8,261.20	567,673.59	68.72	72.48	25
330E2000	Sand for Flush Seal	Ton	20,597.90	1,421,921.49	69.03	71.29	29
330E3000	Sand for Fog Seal	Ton	965.90	54,469.60	56.39	56.24	13
332E0010	Cold Milling Asphalt Concrete	SqYd	5,870,294.00	8,753,530.64	1.49	1.49	36
350E0010	Asphalt Concrete Crack Sealing	Lb	884,461.00	2,133,653.07	2.41	2.58	13
360E0020	AE150S Asphalt for Surface Treatment	Ton	8,803.70	6,668,879.66	757.51	776.44	10
360E0042	CRS-2P Asphalt for Surface Treatment	Ton	15,600.50	11,287,201.47	723.52	797.51	8
360E1010	Type 1A Cover Aggregate	Ton	11,478.70	837,434.49	72.96	79.78	4
360E1020	Type 1B Cover Aggregate	Ton	13,674.70	968,302.70	70.81	71.39	5
360E1030	Type 2A Cover Aggregate	Ton	30,275.30	1,631,606.60	53.89	55.34	6
360E1040	Type 2B Cover Aggregate	Ton	28,297.70	1,547,434.19	54.68	59.47	15
360E1050	Type 3 Cover Aggregate	Ton	13,390.30	800,340.40	59.77	57.74	4
360E1200	Modified Cover Aggregate	Ton	15,200.90	1,083,265.76	71.26	71.91	4
380E0050	8" Nonreinforced PCC Pavement	SqYd	402,470.80	20,819,003.10	51.73	53.99	4
380E0060	8.5" Nonreinforced PCC Pavement	SqYd	39,687.90	3,374,347.91	85.02	85.48	5
380E0070	9" Nonreinforced PCC Pavement	SqYd	10,552.00	1,203,352.00	114.04	119.74	2
380E0090	10" Nonreinforced PCC Pavement	SqYd	132,072.20	9,510,475.05	72.01	69.31	4
380E0100	10.5" Nonreinforced PCC Pavement	SqYd	244.00	56,547.00	231.75	205.88	1

**South Dakota Department of Transportation
2023 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
380E0110	11" Nonreinforced PCC Pavement	SqYd	8,592.20	1,664,570.91	193.73	194.14	2
380E0120	11.5" Nonreinforced PCC Pavement	SqYd	2,693.00	340,853.01	126.57	135.78	1
380E0130	12" Nonreinforced PCC Pavement	SqYd	203,257.20	12,356,715.96	60.79	59.82	3
380E0570	11.5"Continuously Reinforced PCC Pavement	SqYd	52.00	18,954.00	364.50	307.25	1
380E0800	PCC Shoulder Pavement	SqYd	2,279.40	187,043.76	82.06	73.93	2
380E1030	8" Miscellaneous PCC Pavement	SqYd	86.70	13,005.00	150.00	157.50	1
380E1040	8.5" Miscellaneous PCC Pavement	SqYd	544.20	42,665.28	78.40	84.45	1
380E1070	10" Miscellaneous PCC Pavement	SqYd	248.70	41,134.98	165.40	145.71	1
380E1080	10.5" Miscellaneous PCC Pavement	SqYd	14.70	12,936.00	880.00	790.00	1
380E1090	11" Miscellaneous PCC Pavement	SqYd	154.00	61,600.00	400.00	427.50	1
380E2564	4" Barrier Type Colored Median PCC Pavement	SqYd	70,090.00	3,813,692.40	54.41	60.38	5
380E2566	6" Barrier Type Colored Median PCC Pavement	SqYd	2,876.20	312,786.75	108.75	108.75	1
380E3020	6" PCC Driveway Pavement	SqYd	149.70	14,602.88	97.55	86.49	2
380E3025	6" Reinforced PCC Driveway Pavement	SqYd	201.00	20,100.00	100.00	98.50	1
380E3040	8" PCC Driveway Pavement	SqYd	2,091.00	179,397.33	85.79	93.48	3
380E3520	6" PCC Approach Pavement	SqYd	232.60	66,540.50	286.07	169.10	2
380E3525	6" Reinforced PCC Approach Pavement	SqYd	189.30	20,823.00	110.00	106.00	1
380E3540	8" PCC Approach Pavement	SqYd	507.40	108,138.23	213.12	139.24	3
380E4010	6" PCC Fillet Section	SqYd	126.80	12,591.24	99.30	115.62	1
380E4050	8" PCC Fillet Section	SqYd	241.70	114,214.91	472.55	390.29	3
380E4060	8.5" PCC Fillet Section	SqYd	84.40	21,928.81	259.82	183.91	1
380E4090	10" PCC Fillet Section	SqYd	53.40	7,609.50	142.50	136.25	1
380E5010	Fast Track Concrete	SqYd	1,006.10	94,804.80	94.23	95.02	1
380E5020	Fast Track Concrete for PCC Pavement Repair	SqYd	2,873.30	898,362.45	312.66	316.88	2
380E5030	Nonreinforced PCC Pavement Repair	SqYd	3,948.30	961,575.00	243.54	263.53	3
380E5100	Continuously Reinforced PCC Pavement Repair	SqYd	164.10	139,485.00	850.00	914.67	1
380E5200	PCC Pavement Partial Depth Patch	SqFt	285.00	25,935.00	91.00	106.58	1
380E6000	Dowel Bar	Each	411,843.00	5,334,362.50	12.95	12.19	17
380E6110	Insert Steel Bar in PCC Pavement	Each	21,461.00	457,163.88	21.30	19.84	16
380E6300	Reseal PCC Pavement Joint - Silicone	Ft	51,159.00	511,590.00	10.00	6.84	2
380E6302	Reseal PCC Pavement Joint - Hot Pour	Ft	60,951.00	376,322.00	6.17	4.83	2
380E6310	Seal Random Cracks in PCC Pavement	Ft	2,669.00	40,035.00	15.00	15.00	1
380E6450	Saw Joint in PCC Pavement	Ft	37,102.90	464,196.65	12.51	12.27	5
380E6500	Planing PCC Pavement	SqYd	17,330.00	336,795.09	19.43	14.46	6
380E6510	Grinding PCC Pavement	SqYd	168,481.50	967,940.88	5.75	6.42	2
380E9010	Temporary Gravel Crossing	Each	4.00	4,000.00	1,000.00	3,296.11	1
393E0100	Cracking and Seating PCC Pavement	SqYd	11,651.00	23,302.00	2.00	2.92	1
410E0020	Structural Steel	LS	1.00	868,618.18	868,618.18	868,618.18	1
410E0030	Structural Steel, Miscellaneous	LS	15.00	1,402,850.13	93,523.34	89,105.38	15
410E0300	Modify Girder End	Each	14.00	24,000.00	1,714.29	5,177.63	2
410E0360	Bearing Stiffener, Install	Each	8.00	4,000.00	500.00	525.00	1
410E0508	Field Weld	In	3,680.00	26,216.00	7.12	17.24	2
410E0520	Surface Grinding of Structural Steel	SqIn	150,974.00	109,457.60	0.73	0.78	2
410E0550	Jack Superstructure, Steel Girder Bridge	LS	2.00	40,000.00	20,000.00	92,959.78	2
410E0570	Bridge End Support	LS	1.00	75,000.00	75,000.00	73,333.33	1
410E0700	Abutment Joint Drain	Each	4.00	17,000.00	4,250.00	6,083.75	1
410E1110	Laminated Elastomeric Bearing Pad	Each	28.00	42,000.00	1,500.00	1,330.00	1
410E1510	Reset Rocker Bearing(s)	LS	1.00	4,000.00	4,000.00	17,202.00	1
410E2100	Finger Type Expansion Joint Assembly	Each	1.00	130,000.00	130,000.00	122,490.00	1
410E2220	Replace Expansion Device	Each	2.00	170,000.00	85,000.00	85,000.00	1
410E2300	Strip Seal Expansion Joint	Ft	8.30	45,530.00	5,485.54	3,534.36	2
410E2310	Strip Seal Gland	Ft	131.40	32,907.50	250.44	207.01	3
410E2500	Inverted V Shaped Seal Joint	Ft	98.00	30,664.88	312.91	335.74	2
410E2600	Membrane Sealant Expansion Joint	Ft	6,319.90	789,095.13	124.86	143.59	22
412E0100	Bridge Repainting, Class I	LS	2.00	28,650.00	14,325.00	10,530.00	2
412E0120	Bridge Repainting, Class II	LS	3.00	4,336,640.00	1,445,546.67	2,393,151.01	3

**South Dakota Department of Transportation
2023 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
412E0200	Rail Repainting	LS	1.00	37,000.00	37,000.00	34,666.67	1
412E0400	Rust Penetrating Sealer	LS	2.00	12,000.00	6,000.00	10,315.00	2
412E0500	Paint Residue Containment	LS	2.00	32,400.00	16,200.00	12,980.00	2
412E0600	Paint Residue Containment, Class I	LS	1.00	50,000.00	50,000.00	46,333.33	1
412E0620	Paint Residue Containment, Class II	LS	3.00	1,015,000.00	338,333.33	586,468.13	3
420E0100	Structure Excavation, Bridge	CuYd	2,118.00	609,460.52	287.75	247.56	12
420E0200	Structure Excavation, Box Culvert	CuYd	6,413.00	415,433.87	64.78	58.93	27
420E0300	Structure Excavation, Retaining Wall	CuYd	4,067.00	51,150.02	12.58	20.43	4
420E0400	Structure Excavation, Miscellaneous	CuYd	107.00	8,239.00	77.00	84.12	1
421E0110	Pipe Culvert Undercut for Alternate Bidding	CuYd	24.00	1,605.36	66.89	132.46	1
421E0200	Box Culvert Undercut	CuYd	16,307.00	2,166,445.46	132.85	142.80	27
421E1000	Footing Undercut	CuYd	232.00	15,209.88	65.56	74.92	3
430E0200	Bridge End Embankment	CuYd	14,367.00	570,298.96	39.70	43.73	18
430E0300	Granular Bridge End Backfill	CuYd	1,795.90	461,328.90	256.88	257.11	22
430E0510	Approach Slab Underdrain Excavation	CuYd	93.10	24,778.57	266.15	228.22	15
430E0700	Precast Concrete Headwall for Drain	Each	76.00	47,792.32	628.85	688.64	18
450E0102	12" RCP Class 2, Furnish	Ft	56.00	2,548.56	45.51	47.76	1
450E0103	12" RCP Class 3, Furnish	Ft	104.00	2,204.80	21.20	21.52	1
450E0110	12" RCP, Install	Ft	160.00	5,588.00	34.92	40.47	2
450E0122	18" RCP Class 2, Furnish	Ft	17,896.00	778,000.94	43.47	41.34	19
450E0123	18" RCP Class 3, Furnish	Ft	766.00	31,208.40	40.74	45.02	4
450E0130	18" RCP, Install	Ft	18,662.00	711,309.48	38.12	43.79	23
450E0142	24" RCP Class 2, Furnish	Ft	13,902.00	879,434.34	63.26	62.54	25
450E0143	24" RCP Class 3, Furnish	Ft	1,966.00	109,260.62	55.58	52.91	5
450E0144	24" RCP Class 4, Furnish	Ft	1,016.00	67,392.70	66.33	61.81	3
450E0145	24" RCP Class 5, Furnish	Ft	82.00	6,642.00	81.00	86.75	1
450E0150	24" RCP, Install	Ft	16,966.00	1,084,083.46	63.90	73.75	27
450E0162	30" RCP Class 2, Furnish	Ft	4,580.00	422,896.22	92.34	92.67	10
450E0163	30" RCP Class 3, Furnish	Ft	244.00	24,972.80	102.35	87.51	3
450E0164	30" RCP Class 4, Furnish	Ft	126.00	15,262.00	121.13	113.01	2
450E0165	30" RCP Class 5, Furnish	Ft	92.00	20,240.00	220.00	193.48	1
450E0170	30" RCP, Install	Ft	5,042.00	350,887.94	69.59	87.84	12
450E0182	36" RCP Class 2, Furnish	Ft	3,984.00	521,720.72	130.95	133.22	9
450E0183	36" RCP Class 3, Furnish	Ft	346.00	35,450.00	102.46	107.05	2
450E0184	36" RCP Class 4, Furnish	Ft	292.00	40,668.24	139.27	142.46	2
450E0185	36" RCP Class 5, Furnish	Ft	268.00	45,828.00	171.00	184.00	1
450E0190	36" RCP, Install	Ft	4,890.00	323,926.34	66.24	80.35	10
450E0192	42" RCP Class 2, Furnish	Ft	1,494.00	259,136.80	173.45	176.63	6
450E0193	42" RCP Class 3, Furnish	Ft	368.00	59,272.52	161.07	162.00	2
450E0200	42" RCP, Install	Ft	1,862.00	176,984.56	95.05	113.10	6
450E0202	48" RCP Class 2, Furnish	Ft	2,832.00	576,270.00	203.49	210.31	9
450E0203	48" RCP Class 3, Furnish	Ft	242.00	37,290.04	154.09	164.03	2
450E0204	48" RCP Class 4, Furnish	Ft	112.00	20,776.06	185.50	187.06	2
450E0205	48" RCP Class 5, Furnish	Ft	168.00	38,598.18	229.75	236.72	2
450E0210	48" RCP, Install	Ft	3,354.00	252,254.50	75.21	78.87	10
450E0212	54" RCP Class 2, Furnish	Ft	1,480.00	365,681.04	247.08	262.58	5
450E0213	54" RCP Class 3, Furnish	Ft	72.00	15,624.00	217.00	218.92	1
450E0215	54" RCP Class 5, Furnish	Ft	110.00	29,810.00	271.00	279.25	1
450E0220	54" RCP, Install	Ft	1,662.00	205,714.44	123.78	117.32	6
450E0222	60" RCP Class 2, Furnish	Ft	24.00	8,320.20	346.68	366.67	2
450E0223	60" RCP Class 3, Furnish	Ft	78.00	20,826.00	267.00	264.37	1
450E0224	60" RCP Class 4, Furnish	Ft	62.00	18,228.00	294.00	291.23	1
450E0230	60" RCP, Install	Ft	164.00	22,198.00	135.35	148.70	3
450E0242	72" RCP Class 2, Furnish	Ft	230.00	107,716.22	468.33	472.02	2
450E0243	72" RCP Class 3, Furnish	Ft	158.00	99,344.00	628.76	599.22	2
450E0244	72" RCP Class 4, Furnish	Ft	42.00	37,800.00	900.00	752.33	1
450E0245	72" RCP Class 5, Furnish	Ft	90.00	117,000.00	1,300.00	918.47	1
450E0250	72" RCP, Install	Ft	520.00	166,507.86	320.21	420.40	4
450E0252	78" RCP Class 2, Furnish	Ft	8.00	5,877.36	734.67	731.04	1
450E0260	78" RCP, Install	Ft	8.00	2,448.16	306.02	304.50	1

**South Dakota Department of Transportation
2023 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
450E0262	84" RCP Class 2, Furnish	Ft	212.00	87,344.00	412.00	443.37	1
450E0263	84" RCP Class 3, Furnish	Ft	102.00	43,146.00	423.00	452.08	1
450E0264	84" RCP Class 4, Furnish	Ft	66.00	37,290.00	565.00	556.83	1
450E0270	84" RCP, Install	Ft	380.00	65,360.00	172.00	151.33	1
450E0303	108" RCP Class 3, Furnish	Ft	48.00	50,554.08	1,053.21	1,099.40	1
450E0310	108" RCP, Install	Ft	132.00	92,398.68	699.99	751.66	1
450E0408	18" RCP Bend, Furnish	Each	1.00	1,450.00	1,450.00	1,535.37	1
450E0409	18" RCP Bend, Install	Each	1.00	920.00	920.00	1,075.80	1
450E0416	24" RCP Bend, Furnish	Each	3.00	5,369.83	1,789.94	1,692.46	3
450E0417	24" RCP Bend, Install	Each	3.00	1,867.00	622.33	620.30	3
450E0424	30" RCP Bend, Furnish	Each	4.00	8,633.55	2,158.39	1,885.69	3
450E0425	30" RCP Bend, Install	Each	4.00	3,289.90	822.48	892.42	3
450E0436	48" RCP Bend, Furnish	Each	2.00	7,000.00	3,500.00	3,129.65	1
450E0437	48" RCP Bend, Install	Each	2.00	2,800.00	1,400.00	1,266.67	1
450E0700	RCP Tee, Furnish	Each	5.00	10,439.00	2,087.80	2,212.91	4
450E0701	RCP Tee, Install	Each	5.00	4,145.00	829.00	899.81	4
450E2000	12" RCP Flared End, Furnish	Each	4.00	1,800.00	450.00	457.06	1
450E2001	12" RCP Flared End, Install	Each	4.00	1,120.00	280.00	469.03	1
450E2008	18" RCP Flared End, Furnish	Each	106.00	91,737.15	865.44	863.41	19
450E2009	18" RCP Flared End, Install	Each	106.00	40,928.55	386.12	517.95	19
450E2016	24" RCP Flared End, Furnish	Each	44.00	45,421.04	1,032.30	1,058.35	13
450E2017	24" RCP Flared End, Install	Each	44.00	20,167.92	458.36	555.92	13
450E2024	30" RCP Flared End, Furnish	Each	11.00	14,109.64	1,282.69	1,337.63	8
450E2025	30" RCP Flared End, Install	Each	11.00	5,417.94	492.54	759.03	8
450E2028	36" RCP Flared End, Furnish	Each	38.00	62,674.34	1,649.32	1,606.78	12
450E2029	36" RCP Flared End, Install	Each	38.00	22,063.12	580.61	715.31	12
450E2032	42" RCP Flared End, Furnish	Each	31.00	62,509.44	2,016.43	2,015.69	7
450E2033	42" RCP Flared End, Install	Each	31.00	20,075.78	647.61	633.14	7
450E2036	48" RCP Flared End, Furnish	Each	28.00	65,985.38	2,356.62	2,373.62	7
450E2037	48" RCP Flared End, Install	Each	28.00	20,462.76	730.81	791.98	7
450E2040	54" RCP Flared End, Furnish	Each	28.00	66,172.48	2,363.30	2,478.64	6
450E2041	54" RCP Flared End, Install	Each	28.00	30,499.72	1,089.28	1,115.94	6
450E2044	60" RCP Flared End, Furnish	Each	4.00	10,683.30	2,670.82	2,728.61	2
450E2045	60" RCP Flared End, Install	Each	4.00	3,343.00	835.75	891.92	2
450E2052	72" RCP Flared End, Furnish	Each	8.00	49,484.92	6,185.62	5,790.50	3
450E2053	72" RCP Flared End, Install	Each	8.00	27,552.80	3,444.10	3,125.13	3
450E2056	78" RCP Flared End, Furnish	Each	1.00	5,685.08	5,685.08	5,656.94	1
450E2057	78" RCP Flared End, Install	Each	1.00	2,099.79	2,099.79	2,089.40	1
450E2060	84" RCP Flared End, Furnish	Each	6.00	42,600.00	7,100.00	6,096.67	1
450E2061	84" RCP Flared End, Install	Each	6.00	9,450.00	1,575.00	1,383.33	1
450E2200	24" RCP Sloped End, Furnish	Each	213.00	153,351.72	719.96	703.71	16
450E2201	24" RCP Sloped End, Install	Each	213.00	104,425.48	490.26	525.20	16
450E2204	30" RCP Sloped End, Furnish	Each	57.00	63,998.80	1,122.79	1,103.39	10
450E2205	30" RCP Sloped End, Install	Each	57.00	32,496.80	570.12	593.98	10
450E2207	36" RCP Sloped End with Bars, Furnish	Each	2.00	3,620.00	1,810.00	1,733.33	1
450E2209	36" RCP Sloped End, Install	Each	2.00	1,628.00	814.00	854.67	1
450E2216	48" RCP Sloped End, Furnish	Each	1.00	3,500.00	3,500.00	3,665.00	1
450E2217	48" RCP Sloped End, Install	Each	1.00	500.00	500.00	864.65	1
450E2254	108" RCP Sectional End, Furnish	Each	2.00	24,683.08	12,341.54	12,623.85	1
450E2255	108" RCP Sectional End, Install	Each	2.00	9,633.48	4,816.74	6,772.25	1
450E2304	18" RCP Safety End, Furnish	Each	63.00	28,845.87	457.87	456.32	5
450E2307	18" RCP Safety End, Install	Each	63.00	21,202.32	336.54	359.40	5
450E2308	24" RCP Safety End, Furnish	Each	13.00	9,948.54	765.27	798.66	4
450E2311	24" RCP Safety End, Install	Each	13.00	5,893.06	453.31	584.51	4
450E3002	18" RCP Arch Class 2, Furnish	Ft	76.00	4,636.20	61.00	62.00	2
450E3010	18" RCP Arch, Install	Ft	76.00	4,075.20	53.62	54.77	2
450E3012	24" RCP Arch Class 2, Furnish	Ft	350.00	32,796.00	93.70	95.36	3
450E3020	24" RCP Arch, Install	Ft	350.00	27,750.80	79.29	72.49	3
450E3022	30" RCP Arch Class 2, Furnish	Ft	1,800.00	236,317.76	131.29	132.84	7
450E3030	30" RCP Arch, Install	Ft	1,800.00	155,697.14	86.50	90.42	7

**South Dakota Department of Transportation
2023 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
450E3032	36" RCP Arch Class 2, Furnish	Ft	2,708.00	482,932.80	178.34	180.67	5
450E3040	36" RCP Arch, Install	Ft	2,708.00	319,991.04	118.17	112.34	5
450E3042	42" RCP Arch Class 2, Furnish	Ft	814.00	131,541.08	161.60	168.52	3
450E3050	42" RCP Arch, Install	Ft	814.00	84,417.28	103.71	123.25	3
450E3052	48" RCP Arch Class 2, Furnish	Ft	1,710.00	415,636.00	243.06	238.45	5
450E3060	48" RCP Arch, Install	Ft	1,710.00	182,630.48	106.80	110.10	5
450E3312	24" RCP Arch Bend, Furnish	Each	1.00	1,450.00	1,450.00	1,600.00	1
450E3313	24" RCP Arch Bend, Install	Each	1.00	795.00	795.00	897.50	1
450E3324	36" RCP Arch Bend, Furnish	Each	1.00	1,800.00	1,800.00	1,900.00	1
450E3325	36" RCP Arch Bend, Install	Each	1.00	1,050.00	1,050.00	1,025.00	1
450E4500	18" RCP Arch Flared End, Furnish	Each	1.00	599.75	599.75	597.81	1
450E4501	18" RCP Arch Flared End, Install	Each	1.00	378.53	378.53	377.30	1
450E4504	24" RCP Arch Flared End, Furnish	Each	2.00	2,250.00	1,125.00	1,117.50	2
450E4505	24" RCP Arch Flared End, Install	Each	2.00	1,250.00	625.00	731.17	2
450E4508	30" RCP Arch Flared End, Furnish	Each	7.00	11,236.50	1,605.21	1,585.77	4
450E4509	30" RCP Arch Flared End, Install	Each	7.00	3,778.00	539.71	843.71	4
450E4512	36" RCP Arch Flared End, Furnish	Each	43.00	66,408.58	1,544.39	1,552.44	5
450E4513	36" RCP Arch Flared End, Install	Each	43.00	25,989.24	604.40	592.22	5
450E4516	42" RCP Arch Flared End, Furnish	Each	11.00	21,444.80	1,949.53	2,018.93	4
450E4517	42" RCP Arch Flared End, Install	Each	11.00	9,261.84	841.99	728.54	4
450E4520	48" RCP Arch Flared End, Furnish	Each	24.00	53,487.02	2,228.63	2,202.65	5
450E4521	48" RCP Arch Flared End, Install	Each	24.00	19,286.76	803.62	771.85	5
450E4600	24" RCP Arch Sloped End, Furnish	Each	8.00	4,294.08	536.76	548.63	2
450E4601	24" RCP Arch Sloped End, Install	Each	8.00	3,238.56	404.82	413.32	2
450E4604	30" RCP Arch Sloped End, Furnish	Each	22.00	21,250.10	965.91	987.53	4
450E4605	30" RCP Arch Sloped End, Install	Each	22.00	11,197.16	508.96	502.90	4
450E4650	18" RCP Arch Safety End, Furnish	Each	1.00	475.00	475.00	500.25	1
450E4653	18" RCP Arch Safety End, Install	Each	1.00	300.00	300.00	316.00	1
450E4699	Tie Bolts for RCP	Each	54.00	8,388.00	155.33	154.48	2
450E4739	12" CMP 16 Gauge, Furnish	Ft	616.00	18,848.00	30.60	29.25	3
450E4740	12" CMP, Install	Ft	624.00	33,655.60	53.94	68.94	4
450E4749	15" CMP 16 Gauge, Furnish	Ft	1,992.00	58,843.52	29.54	29.02	4
450E4750	15" CMP, Install	Ft	1,992.00	57,085.68	28.66	37.05	4
450E4758	18" CMP 14 Gauge, Furnish	Ft	3,830.00	187,775.50	49.03	53.27	7
450E4759	18" CMP 16 Gauge, Furnish	Ft	12,190.00	357,032.20	29.29	29.88	16
450E4760	18" CMP, Install	Ft	16,020.00	589,968.36	36.83	42.84	20
450E4768	24" CMP 14 Gauge, Furnish	Ft	1,082.00	72,698.32	67.19	69.12	9
450E4769	24" CMP 16 Gauge, Furnish	Ft	5,706.00	221,526.80	38.82	39.68	14
450E4770	24" CMP, Install	Ft	6,788.00	343,025.20	50.53	57.97	19
450E4777	30" CMP 12 Gauge, Furnish	Ft	90.00	7,200.00	80.00	80.00	1
450E4778	30" CMP 14 Gauge, Furnish	Ft	160.00	12,264.00	76.65	83.82	1
450E4779	30" CMP 16 Gauge, Furnish	Ft	1,868.00	85,635.60	45.84	46.06	5
450E4780	30" CMP, Install	Ft	2,118.00	126,617.96	59.78	55.52	7
450E4788	36" CMP 14 Gauge, Furnish	Ft	376.00	36,923.50	98.20	108.42	3
450E4789	36" CMP 16 Gauge, Furnish	Ft	880.00	51,101.10	58.07	60.27	5
450E4790	36" CMP, Install	Ft	1,256.00	79,572.10	63.35	72.70	8
450E4798	42" CMP 14 Gauge, Furnish	Ft	76.00	8,369.12	110.12	122.56	1
450E4799	42" CMP 16 Gauge, Furnish	Ft	56.00	3,923.50	70.06	70.16	2
450E4800	42" CMP, Install	Ft	132.00	11,980.50	90.76	126.63	3
450E4808	48" CMP 14 Gauge, Furnish	Ft	18.00	2,700.00	150.00	157.00	1
450E4809	48" CMP 16 Gauge, Furnish	Ft	100.00	7,357.00	73.57	73.33	1
450E4810	48" CMP, Install	Ft	118.00	10,489.00	88.89	89.53	2
450E5000	12" CMP Elbow, Furnish	Each	14.00	4,226.00	301.86	272.14	2
450E5001	12" CMP Elbow, Install	Each	14.00	4,118.00	294.14	289.71	2
450E5005	15" CMP Elbow, Furnish	Each	7.00	2,579.31	368.47	360.50	3
450E5006	15" CMP Elbow, Install	Each	7.00	2,253.25	321.89	426.60	3
450E5010	18" CMP Elbow, Furnish	Each	24.00	9,382.35	390.93	395.02	8
450E5011	18" CMP Elbow, Install	Each	24.00	9,112.98	379.71	451.86	8
450E5015	24" CMP Elbow, Furnish	Each	62.00	28,217.79	455.13	484.61	8
450E5016	24" CMP Elbow, Install	Each	62.00	28,424.76	458.46	521.69	8

**South Dakota Department of Transportation
2023 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
450E5025	36" CMP Elbow, Furnish	Each	12.00	7,970.00	664.17	733.33	3
450E5026	36" CMP Elbow, Install	Each	12.00	6,810.00	567.50	532.79	3
450E5100	CMP Tee, Furnish	Each	6.00	3,046.92	507.82	498.64	3
450E5101	CMP Tee, Install	Each	6.00	3,106.50	517.75	642.48	3
450E5120	CMP Cross, Furnish	Each	5.00	6,000.00	1,200.00	1,226.67	1
450E5121	CMP Cross, Install	Each	5.00	17,500.00	3,500.00	3,580.00	1
450E5203	12" CMP Flared End, Furnish	Each	7.00	853.00	121.86	142.02	2
450E5204	12" CMP Flared End, Install	Each	7.00	2,502.00	357.43	407.48	2
450E5211	18" CMP Flared End, Furnish	Each	77.00	19,906.57	258.53	280.35	8
450E5212	18" CMP Flared End, Install	Each	77.00	23,280.96	302.35	423.81	8
450E5215	24" CMP Flared End, Furnish	Each	49.00	17,569.50	358.56	397.66	13
450E5216	24" CMP Flared End, Install	Each	49.00	21,227.38	433.21	587.77	13
450E5219	30" CMP Flared End, Furnish	Each	7.00	4,588.12	655.45	771.39	3
450E5220	30" CMP Flared End, Install	Each	7.00	2,500.00	357.14	583.08	3
450E5223	36" CMP Flared End, Furnish	Each	15.00	14,449.00	963.27	1,011.95	6
450E5224	36" CMP Flared End, Install	Each	15.00	8,826.00	588.40	638.87	6
450E5227	42" CMP Flared End, Furnish	Each	5.00	11,917.61	2,383.52	2,160.76	3
450E5228	42" CMP Flared End, Install	Each	5.00	4,300.00	860.00	746.10	3
450E5231	48" CMP Flared End, Furnish	Each	4.00	9,440.00	2,360.00	2,551.67	2
450E5232	48" CMP Flared End, Install	Each	4.00	2,800.00	700.00	823.50	2
450E5235	54" CMP Flared End, Furnish	Each	2.00	3,339.70	1,669.85	1,864.62	1
450E5236	54" CMP Flared End, Install	Each	2.00	2,043.10	1,021.55	1,110.52	1
450E5243	66" CMP Flared End, Furnish	Each	2.00	6,820.00	3,410.00	3,961.67	1
450E5244	66" CMP Flared End, Install	Each	2.00	10,720.00	5,360.00	4,120.00	1
450E5251	78" CMP Flared End, Furnish	Each	2.00	9,680.00	4,840.00	5,063.33	1
450E5252	78" CMP Flared End, Install	Each	2.00	10,720.00	5,360.00	4,920.00	1
450E5306	18" CMP Sloped End, Furnish	Each	6.00	2,415.60	402.60	443.29	4
450E5307	18" CMP Sloped End, Install	Each	6.00	2,645.00	440.83	445.31	4
450E5310	24" CMP Sloped End, Furnish	Each	58.00	27,144.40	468.01	517.51	7
450E5311	24" CMP Sloped End, Install	Each	58.00	32,365.30	558.02	533.03	7
450E5314	30" CMP Sloped End, Furnish	Each	1.00	1,500.00	1,500.00	1,466.25	1
450E5315	30" CMP Sloped End, Install	Each	1.00	425.00	425.00	550.00	1
450E5318	36" CMP Sloped End, Furnish	Each	2.00	4,200.00	2,100.00	2,156.67	1
450E5319	36" CMP Sloped End, Install	Each	2.00	850.00	425.00	416.67	1
450E5402	15" CMP Safety End, Furnish	Each	12.00	3,888.64	324.05	273.91	2
450E5403	15" CMP Safety End, Install	Each	12.00	3,746.92	312.24	251.92	2
450E5405	18" CMP Safety End with Bars, Furnish	Each	2.00	3,400.00	1,700.00	1,162.85	1
450E5406	18" CMP Safety End, Furnish	Each	349.00	139,268.06	399.05	402.31	14
450E5407	18" CMP Safety End, Install	Each	351.00	91,358.61	260.28	317.13	15
450E5409	24" CMP Safety End with Bars, Furnish	Each	12.00	20,380.00	1,698.33	1,737.94	2
450E5410	24" CMP Safety End, Furnish	Each	88.00	60,021.44	682.06	527.06	9
450E5411	24" CMP Safety End, Install	Each	96.00	28,516.96	297.05	350.19	9
450E5414	30" CMP Safety End, Furnish	Each	58.00	125,237.88	2,159.27	2,160.23	4
450E5415	30" CMP Safety End with Bars, Furnish	Each	6.00	20,658.72	3,443.12	3,431.97	1
450E5417	30" CMP Safety End, Install	Each	64.00	23,620.58	369.07	373.16	4
450E5420	36" CMP Safety End, Furnish	Each	12.00	40,938.42	3,411.54	3,519.52	3
450E5423	36" CMP Safety End, Install	Each	12.00	5,235.60	436.30	562.05	3
450E5427	42" CMP Safety End with Bars, Furnish	Each	2.00	12,335.00	6,167.50	6,147.54	1
450E5429	42" CMP Safety End, Install	Each	2.00	1,081.50	540.75	539.00	1
450E5433	48" CMP Safety End with Bars, Furnish	Each	4.00	35,450.88	8,862.72	8,834.04	1
450E5435	48" CMP Safety End, Install	Each	4.00	2,811.92	702.98	700.70	1
450E5499	15" CMP Arch 16 Gauge, Furnish	Ft	22.00	519.20	23.60	24.79	1
450E5500	15" CMP Arch, Install	Ft	22.00	616.00	28.00	29.47	1
450E5509	18" CMP Arch 16 Gauge, Furnish	Ft	762.00	25,079.80	32.91	34.09	7
450E5510	18" CMP Arch, Install	Ft	762.00	30,727.00	40.32	45.36	7
450E5529	30" CMP Arch 16 Gauge, Furnish	Ft	178.00	8,741.20	49.11	52.04	3
450E5530	30" CMP Arch, Install	Ft	178.00	11,945.44	67.11	68.91	3
450E5539	36" CMP Arch 16 Gauge, Furnish	Ft	72.00	4,253.04	59.07	63.69	1
450E5540	36" CMP Arch, Install	Ft	72.00	6,257.52	86.91	85.64	1
450E5559	48" CMP Arch 14 Gauge, Furnish	Ft	514.00	46,260.00	90.00	92.87	1

**South Dakota Department of Transportation
2023 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
450E5560	48" CMP Arch, Install	Ft	514.00	33,924.00	66.00	77.33	1
450E5569	54" CMP Arch 14 Gauge, Furnish	Ft	132.00	13,721.40	103.95	109.37	1
450E5570	54" CMP Arch, Install	Ft	132.00	9,900.00	75.00	78.92	1
450E5800	15" CMP Arch Flared End, Furnish	Each	2.00	363.00	181.50	191.03	1
450E5801	15" CMP Arch Flared End, Install	Each	2.00	300.00	150.00	157.83	1
450E6006	18" CMP Arch Safety End, Furnish	Each	26.00	11,629.70	447.30	463.86	7
450E6007	18" CMP Arch Safety End, Install	Each	26.00	8,320.20	320.01	362.19	7
450E6014	30" CMP Arch Safety End, Furnish	Each	6.00	8,983.86	1,497.31	1,561.99	3
450E6017	30" CMP Arch Safety End, Install	Each	6.00	3,871.04	645.17	544.82	3
450E6020	36" CMP Arch Safety End, Furnish	Each	2.00	5,403.04	2,701.52	2,889.51	1
450E6023	36" CMP Arch Safety End, Install	Each	2.00	1,605.58	802.79	709.26	1
450E6033	48" CMP Arch Safety End with Bars, Furnish	Each	14.00	95,900.00	6,850.00	7,081.67	1
450E6035	48" CMP Arch Safety End, Install	Each	14.00	8,400.00	600.00	733.33	1
450E6039	54" CMP Arch Safety End with Bars, Furnish	Each	4.00	37,200.00	9,300.00	9,788.33	1
450E6041	54" CMP Arch Safety End, Install	Each	4.00	2,200.00	550.00	579.17	1
450E6119	15" Slotted CMP 16 Gauge, Furnish	Ft	812.00	71,515.00	88.07	90.30	2
450E6120	15" Slotted CMP, Install	Ft	812.00	22,617.80	27.85	55.53	2
450E7624	24" Steel Pipe, Furnish	Ft	456.00	83,161.40	182.37	183.26	3
450E7630	30" Steel Pipe, Furnish	Ft	230.00	48,783.00	212.10	216.71	1
450E7642	42" Steel Pipe, Furnish	Ft	302.00	98,430.00	325.93	538.15	2
450E7648	48" Steel Pipe, Furnish	Ft	464.00	155,085.60	334.24	319.59	2
450E7654	54" Steel Pipe, Furnish	Ft	198.00	93,190.68	470.66	494.55	1
450E8003	15" CMP to RCP Transition, Furnish	Each	1.00	865.00	865.00	768.20	1
450E8005	15" Pipe Transition, Install	Each	1.00	470.00	470.00	453.18	1
450E8009	18" RCP to CMP Transition, Furnish	Each	2.00	2,373.50	1,186.75	1,176.62	2
450E8010	18" Pipe Transition, Install	Each	2.00	689.95	344.98	321.41	2
450E8014	24" RCP to CMP Transition, Furnish	Each	22.00	22,071.92	1,003.27	1,050.12	6
450E8015	24" Pipe Transition, Install	Each	24.00	14,966.30	623.60	693.83	6
450E8020	30" Pipe Transition, Install	Each	1.00	1,806.00	1,806.00	1,808.47	1
450E8024	36" RCP to CMP Transition, Furnish	Each	4.00	7,020.00	1,755.00	1,893.60	2
450E8025	36" Pipe Transition, Install	Each	4.00	2,200.00	550.00	576.80	2
450E8035	48" Pipe Transition, Install	Each	4.00	6,780.00	1,695.00	1,631.83	2
450E8209	18" Smooth Tapered Sleeve, Furnish	Each	2.00	1,900.00	950.00	805.00	1
450E8210	18" Smooth Tapered Sleeve, Install	Each	2.00	2,180.00	1,090.00	808.33	1
450E8213	24" Smooth Tapered Sleeve, Furnish	Each	10.00	6,000.00	600.00	614.00	1
450E8214	24" Smooth Tapered Sleeve, Install	Each	10.00	4,450.00	445.00	455.33	1
450E8300	Culvert Joint Cleaning	Ft	1,032.90	27,435.90	26.56	27.02	4
450E8305	Repair Culvert Joint	Ft	1,032.90	109,061.00	105.59	101.77	4
450E8310	Chemical Grout Void Fill	Gal	271.10	72,741.50	268.32	265.23	4
450E8600	Flap Gate	Each	1.00	3,650.00	3,650.00	7,933.33	1
450E8900	Cleanout Pipe Culvert	Each	60.00	112,469.99	1,874.50	1,951.80	14
450E9000	Reset Pipe	Ft	730.00	76,224.00	104.42	104.30	11
450E9001	Reset Pipe End Section	Each	185.00	105,180.00	568.54	731.07	19
450E9238	Slipline 66" Pipe	Ft	242.00	278,300.00	1,150.00	1,023.33	1
451E0012	12" PVC Encasement Pipe	Ft	309.00	49,069.20	158.80	168.18	1
451E0016	16" PVC Encasement Pipe	Ft	190.00	36,907.50	194.25	205.72	1
451E0018	18" PVC Encasement Pipe	Ft	513.00	126,454.50	246.50	261.05	1
451E0020	20" PVC Encasement Pipe	Ft	20.00	5,824.00	291.20	308.39	1
451E0112	12" Steel Encasement Pipe	Ft	20.00	4,790.40	239.52	214.47	1
451E0124	24" Steel Encasement Pipe	Ft	1,040.00	195,988.00	188.45	196.07	1
451E0300	Install Carrier Pipe	Ft	170.00	6,800.00	40.00	39.13	1
451E0401	1" High Density Polyethylene Pipe	Ft	25.00	1,040.00	41.60	39.23	1
451E0406	1 1/2" High Density Polyethylene Pipe	Ft	55.00	2,493.15	45.33	42.79	1
451E0514	4" PVC Pipe	Ft	30.00	840.00	28.00	18.00	1
451E0516	6" PVC Pipe	Ft	131.00	3,275.00	25.00	50.00	1
451E0606	6" PVC Water Main	Ft	696.00	55,471.34	79.70	83.49	2
451E0608	8" PVC Water Main	Ft	70.00	4,853.10	69.33	69.75	2
451E0612	12" PVC Water Main	Ft	2,819.00	385,216.35	136.65	144.72	1
451E0616	16" PVC Water Main	Ft	2,791.00	277,844.05	99.55	106.69	1
451E0656	6" PVC Restrained Joint Water Main	Ft	476.00	43,166.20	90.69	92.53	2

**South Dakota Department of Transportation
2023 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
451E0658	8" PVC Restrained Joint Water Main	Ft	30.00	2,318.40	77.28	78.07	1
451E0660	10" PVC Restrained Joint Water Main	Ft	290.00	32,190.00	111.00	117.55	1
451E0662	12" PVC Restrained Joint Water Main	Ft	30.00	4,866.00	162.20	171.78	1
451E0666	16" PVC Restrained Joint Water Main	Ft	947.00	125,543.79	132.57	146.03	1
451E0706	6" Ductile Iron Water Main	Ft	12.00	1,171.68	97.64	95.38	1
451E0708	8" Ductile Iron Water Main	Ft	7.00	961.31	137.33	129.30	1
451E0720	20" Ductile Iron Water Main	Ft	1,573.00	386,564.75	245.75	259.44	1
451E0802	1" Copper Pipe	Ft	143.00	6,578.00	46.00	48.72	1
451E0806	1.5" Copper Pipe	Ft	5.00	500.00	100.00	105.90	1
451E0958	8" PVC Restrained Joint Sewer Main	Ft	370.00	35,890.00	97.00	102.73	1
451E0960	10" PVC Restrained Joint Sewer Main	Ft	410.00	49,200.00	120.00	127.08	1
451E1008	8" PVC Sewer Pipe	Ft	1,421.00	118,191.70	83.18	88.14	2
451E1010	10" PVC Sewer Pipe	Ft	206.00	47,380.00	230.00	243.58	1
451E1012	12" PVC Sewer Pipe	Ft	33.00	8,745.00	265.00	280.64	1
451E1015	15" PVC Sewer Pipe	Ft	3,441.00	519,787.84	151.06	161.64	2
451E1018	18" PVC Sewer Pipe	Ft	620.00	38,960.80	62.84	65.65	1
451E1204	4" Sewer Service	Ft	30.00	3,300.00	110.00	116.49	1
451E1206	6" Sewer Service	Ft	96.00	10,560.00	110.00	116.49	1
451E1550	Sanitary Sewer Video Inspection	Ft	2,507.00	5,640.75	2.25	2.38	1
451E2012	8"x4" Pipe Wye	Each	3.00	1,050.00	350.00	370.66	1
451E2041	15"x6" Pipe Wye	Each	2.00	2,200.00	1,100.00	1,164.94	1
451E2207	6"x6" Pipe Tee	Each	2.00	4,360.00	2,180.00	1,958.41	2
451E2231	12"x6" Pipe Tee	Each	2.00	6,800.00	3,400.00	3,600.73	1
451E2232	12"x8" Pipe Tee	Each	1.00	3,450.00	3,450.00	3,653.68	1
451E2251	16"x6" Pipe Tee	Each	4.00	9,140.00	2,285.00	2,502.38	1
451E2252	16"x8" Pipe Tee	Each	2.00	4,804.40	2,402.20	2,582.84	1
451E2271	20"x6" Pipe Tee	Each	7.00	47,600.00	6,800.00	7,201.45	1
451E2278	20"x20" Pipe Tee	Each	1.00	10,500.00	10,500.00	11,119.89	1
451E2400	Pipe Reducer	Each	1.00	1,700.00	1,700.00	1,800.36	1
451E2406	6"x4" Pipe Reducer	Each	1.00	113.00	113.00	324.00	1
451E2413	8"x6" Pipe Reducer	Each	4.00	2,465.68	616.42	573.28	1
451E2433	12"x10" Pipe Reducer	Each	1.00	2,300.00	2,300.00	2,435.78	1
451E2473	20"x10" Pipe Reducer	Each	1.00	3,800.00	3,800.00	4,024.34	1
451E2700	Tapping Tee	Each	1.00	10,500.00	10,500.00	11,119.89	1
451E2802	1" Corporation Stop with Tapping Saddle	Each	6.00	5,085.03	847.50	892.36	2
451E2806	1.5" Corporation Stop with Tapping Saddle	Each	3.00	3,546.72	1,182.24	1,148.34	2
451E2902	1" Curb Stop with Box	Each	5.00	3,198.09	639.62	680.28	2
451E2906	1.5" Curb Stop with Box	Each	2.00	1,633.40	816.70	904.34	2
451E3006	6" Pipe Bend	Each	3.00	4,200.00	1,400.00	1,309.11	2
451E3008	8" Pipe Bend	Each	1.00	749.43	749.43	714.61	1
451E3010	10" Pipe Bend	Each	1.00	2,000.00	2,000.00	2,118.07	1
451E3012	12" Pipe Bend	Each	1.00	2,400.00	2,400.00	2,668.82	1
451E3016	16" Pipe Bend	Each	16.00	31,908.00	1,994.25	2,202.72	1
451E3108	8" Pipe Cap	Each	4.00	2,400.00	600.00	635.42	1
451E3116	16" Pipe Cap	Each	5.00	6,137.25	1,227.45	1,209.52	1
451E3412	6" Pipe Plug	Each	1.00	1,700.00	1,700.00	1,315.38	1
451E3414	8" Pipe Plug	Each	5.00	1,165.65	233.13	243.42	1
451E3455	15" Pipe Plug	Each	2.00	1,252.00	626.00	646.52	1
451E3458	18" Pipe Plug	Each	2.00	1,465.00	732.50	2,336.32	1
451E3506	6" Retainer Gland	Each	37.00	2,198.17	59.41	124.13	1
451E3508	8" Retainer Gland	Each	14.00	1,080.66	77.19	153.00	1
451E3516	16" Retainer Gland	Each	75.00	21,986.25	293.15	451.30	1
451E3606	6" Pipe Sleeve	Each	3.00	1,964.10	654.70	582.89	1
451E3608	8" Pipe Sleeve	Each	1.00	697.30	697.30	645.48	1
451E3612	12" Pipe Sleeve	Each	1.00	1,008.23	1,008.23	1,108.98	1
451E3616	16" Pipe Sleeve	Each	4.00	9,372.32	2,343.08	2,208.91	1
451E3624	24" Pipe Sleeve	Each	1.00	3,311.05	3,311.05	2,940.25	1
451E4120	20" Butterfly Valve with Box	Each	2.00	30,000.00	15,000.00	16,002.22	1
451E4206	6" Gate Valve with Box	Each	14.00	38,039.50	2,717.11	2,961.35	3
451E4208	8" Gate Valve with Box	Each	2.00	5,435.10	2,717.55	2,799.38	1

**South Dakota Department of Transportation
2023 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
451E4210	10" Gate Valve with Box	Each	1.00	5,400.00	5,400.00	5,835.46	1
451E4212	12" Gate Valve with Box	Each	1.00	6,500.00	6,500.00	7,000.41	1
451E4216	16" Gate Valve with Box	Each	8.00	106,510.00	13,313.75	12,642.11	1
451E4400	Pipe Insulation	SqFt	328.00	1,377.60	4.20	4.22	1
451E4506	6" Fire Hydrant Extension	Each	1.00	871.85	871.85	990.34	1
451E4512	12" Fire Hydrant Extension	Each	1.00	1,014.51	1,014.51	1,163.30	1
451E4518	18" Fire Hydrant Extension	Each	2.00	3,769.00	1,884.50	1,827.36	1
451E4580	Standard Fire Hydrant	Each	7.00	33,229.00	4,747.00	5,092.94	1
451E4581	Temporary Fire Hydrant	Each	2.00	2,465.00	1,232.50	1,112.98	1
451E4585	Fire Hydrant with Auxiliary Valve & Box	Each	1.00	12,000.00	12,000.00	10,458.48	1
451E4630	Casing Pipe Spacer	Each	35.00	7,714.00	220.40	243.01	1
451E4905	Trench Stabilization Material	Ton	250.00	6,000.00	24.00	27.15	1
451E4926	Water Main Bedding Material	Ft	3,652.00	33,120.00	9.07	10.36	2
451E4945	8" Sewer Pipe Bedding Material	Ft	815.00	7,742.50	9.50	9.86	1
451E4948	15" Sewer Pipe Bedding Material	Ft	1,828.00	23,764.00	13.00	13.26	1
451E4949	18" Sewer Pipe Bedding Material	Ft	620.00	8,680.00	14.00	14.45	1
451E5021	Trench Dewatering, Water Main	Ft	4,020.00	40.20	0.01	0.01	1
451E5022	Trench Dewatering, Sewer Main	Ft	3,263.00	9,789.00	3.00	2.06	1
451E5051	Trench 6' to 8' Deep	Ft	97.00	1,940.00	20.00	28.73	1
451E5052	Trench 8' to 10' Deep	Ft	136.00	2,992.00	22.00	31.11	1
451E5053	Trench 10' to 12' Deep	Ft	191.00	4,584.00	24.00	33.15	1
451E5054	Trench 12' to 14' Deep	Ft	479.00	13,412.00	28.00	37.56	1
451E5055	Trench 14' to 16' Deep	Ft	927.00	29,664.00	32.00	43.64	1
451E5056	Trench 16' to 18' Deep	Ft	280.00	9,520.00	34.00	48.35	1
451E5057	Trench 18' to 20' Deep	Ft	251.00	9,036.00	36.00	54.72	1
451E5058	Trench 20' to 22' Deep	Ft	180.00	6,840.00	38.00	61.09	1
451E5059	Trench 24' to 26' Deep	Ft	467.00	23,350.00	50.00	84.33	1
451E5060	Trench 26' to 28' Deep	Ft	42.00	2,310.00	55.00	96.10	1
451E5063	Trench 22' to 24' Deep	Ft	213.00	9,585.00	45.00	74.23	1
451E5116	Bore and Jack 16" Pipe	Ft	95.00	113,050.00	1,190.00	1,260.25	1
451E5124	Bore and Jack 24" Pipe	Ft	408.00	195,082.92	478.14	472.68	3
451E5130	Bore and Jack 30" Pipe	Ft	230.00	94,909.50	412.65	365.08	1
451E5148	Bore and Jack 48" Pipe	Ft	464.00	300,048.30	646.66	610.73	2
451E5154	Bore and Jack 54" Pipe	Ft	164.00	143,457.36	874.74	787.91	1
451E6075	Adjust Curb Stop Box	Each	7.00	1,313.00	187.57	242.89	2
451E6080	Adjust Water Valve Box	Each	49.00	11,601.52	236.77	313.69	6
451E6100	Reconnect Water Service	Each	7.00	15,800.00	2,257.14	2,388.32	2
451E6105	Connect To Existing Water Main	Each	12.00	62,750.00	5,229.17	5,460.34	2
451E6106	Cut and Tie to Existing Water Main	Each	6.00	24,000.00	4,000.00	3,330.00	1
451E6515	Remove and Reset Fire Hydrant	Each	4.00	3,652.00	913.00	1,026.93	1
451E7010	Reconnect Sewer Service	Each	5.00	12,500.00	2,500.00	2,647.59	1
451E7016	Connect to Existing Sewer Main	Each	8.00	24,000.00	3,000.00	3,177.11	1
451E7020	Sewer Bypass Pumping	LS	1.00	35,000.00	35,000.00	37,066.28	1
451E7300	Repair Drain Tile	Ft	100.00	2,060.00	20.60	66.03	1
451E7400	Corrosion Protection	LS	1.00	36,300.00	36,300.00	36,592.67	1
451E7402	Test Station	Each	2.00	4,423.50	2,211.75	2,352.07	1
451E7500	Locate Utilities	Each	5.00	4,750.00	950.00	1,426.53	2
451E7510	Verify Utilities	Each	9.00	1,325.00	147.22	247.15	2
451E8000	PVC Pipe Deflection Test	Ft	3,263.00	6,526.00	2.00	1.87	1
451E8010	Pipe Exfiltration Test	Ft	3,263.00	6,526.00	2.00	1.87	1
460E0010	Class A45 Concrete, Bridge Barrier	CuYd	48.80	166,078.00	3,403.24	3,322.28	3
460E0030	Class A45 Concrete, Bridge Deck	CuYd	3,490.80	6,261,432.11	1,793.70	1,999.78	11
460E0050	Class A45 Concrete, Bridge	CuYd	2,309.00	5,269,600.34	2,282.20	2,265.05	13
460E0070	Class A45 Concrete, Bridge Repair	CuYd	285.80	935,041.50	3,271.66	3,317.66	11
460E0100	Class A45 Concrete, Miscellaneous	CuYd	196.80	301,551.46	1,532.27	1,385.37	2
460E0120	Class A45 Concrete, Box Culvert	CuYd	11,536.60	11,937,631.60	1,034.76	1,016.20	19
460E0150	Concrete Approach Slab for Bridge	SqYd	8,931.40	3,812,800.27	426.90	473.27	19
460E0160	Concrete Approach Sleeper Slab for Bridge	SqYd	2,361.70	1,240,129.23	525.10	526.33	19
460E0174	Concrete Patching Material, Miscellaneous	CuFt	377.40	153,335.16	406.29	394.48	8
460E0200	Special Surface Finish	SqFt	4,856.00	24,280.00	5.00	8.50	1

**South Dakota Department of Transportation
2023 Average Unit Price Report**

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460E0204	Anti-Graffiti Coating	SqFt	6,393.00	93,977.10	14.70	15.09	1
460E0300	Breakout Structural Concrete	CuYd	192.30	786,419.79	4,089.55	4,018.30	20
460E0310	Breakout and Replace Grout Pad	Each	4.00	4,400.00	1,100.00	1,025.00	1
460E0380	Install Dowel in Concrete	Each	7,431.00	284,894.94	38.34	39.39	18
460E0500	Deck Drain, Girder Bridge	Each	34.00	54,340.00	1,598.24	2,622.83	3
460E0502	Deck Drain, Slab Bridge	Each	28.00	25,766.24	920.22	575.97	2
460E0510	Extend Deck Drain	Each	12.00	17,304.00	1,442.00	1,442.00	1
460E0700	Joint Nosing Material	SqFt	120.00	24,000.00	200.00	236.00	1
460E8050	Composite Fabric Wrap, Concrete Repair	SqFt	893.00	107,160.00	120.00	120.00	1
462E0100	Class M6 Concrete	CuYd	1,173.20	2,049,388.03	1,746.84	1,818.70	26
462E0250	Cellular Grout	CuYd	428.70	185,275.35	432.18	438.44	11
464E0100	Controlled Density Fill	CuYd	2,482.70	966,611.24	389.34	376.30	18
465E0100	Class A45 Concrete, Drilled Shaft	CuYd	441.60	552,660.89	1,251.50	1,873.72	5
465E0200	Drilled Shaft Excavation	CuYd	432.00	457,509.15	1,059.05	1,269.98	5
465E0400	Crosshole Sonic Log (CSL) Test	Each	13.00	22,534.56	1,733.43	6,555.64	2
465E1038	38" Permanent Casing	Ft	222.00	107,496.30	484.22	592.11	2
465E1044	44" Permanent Casing	Ft	22.00	66,000.00	3,000.00	2,233.33	1
465E1050	50" Permanent Casing	Ft	92.00	107,175.40	1,164.95	1,164.95	1
465E1074	74" Permanent Casing	Ft	8.90	22,499.20	2,528.00	2,392.67	1
470E0030	Special Steel Railing	Ft	199.90	25,867.06	129.40	280.60	1
470E0040	Steel Pedestrian Railing	Ft	37.30	7,460.00	200.00	210.00	1
470E0120	Steel Pedestrian Railing on Sidewalk	Ft	268.10	96,087.04	358.40	349.75	1
470E0220	Steel Pedestrian Railing on Concrete Barrier	Ft	245.80	61,282.86	249.32	243.30	1
470E0230	Steel Bicycle Railing on Concrete Barrier	Ft	264.70	104,371.21	394.30	333.53	1
470E0420	Type T101 Bridge Railing	Ft	163.00	36,675.00	225.00	278.33	1
480E0100	Reinforcing Steel	Lb	2,242,982.00	8,749,955.14	3.90	4.38	37
480E0200	Epoxy Coated Reinforcing Steel	Lb	392,893.00	1,385,859.26	3.53	4.08	25
480E0300	Stainless Reinforcing Steel	Lb	451,737.00	2,492,935.01	5.52	5.99	7
480E0504	No. 4 Rebar Splice	Each	895.00	45,095.40	50.39	49.54	10
480E0505	No. 5 Rebar Splice	Each	1,436.00	84,384.20	58.76	61.47	11
480E0506	No. 6 Rebar Splice	Each	1,439.00	101,152.62	70.29	70.83	10
480E0510	No. 10 Rebar Splice	Each	24.00	5,280.00	220.00	191.83	1
480E0518	No. 18 Rebar Splice	Each	110.00	69,378.00	630.71	606.37	2
480E5000	Galvanic Anode	Each	1,509.00	93,750.00	62.13	68.20	9
491E0005	Two Coat Bridge Deck Polymer Chip Seal	SqYd	27,931.10	1,999,701.72	71.59	76.91	8
491E0007	Two Coat Bridge Deck Polymer High Friction Chip Seal	SqYd	1,142.80	102,852.00	90.00	99.00	1
491E0110	Abrasive Blasting of Bridge Deck	SqYd	30,950.80	239,240.60	7.73	8.55	10
491E0120	Bridge Deck Grinding	SqYd	30,954.20	629,103.07	20.32	22.28	9
491E0130	Concrete Removal, Class A	SqYd	110.50	30,885.00	279.50	269.10	9
491E0140	Concrete Removal, Class B	SqYd	110.50	29,085.00	263.21	239.83	9
491E0172	Concrete Patching Material, Bridge Deck	CuFt	872.70	137,635.50	157.71	150.15	9
510E0100	Extract Pile	Each	68.00	44,064.31	648.00	330.16	3
510E0300	Preboring Pile	Ft	3,054.00	459,396.20	150.42	182.52	11
510E3140	HP 14 Pile Tip Reinforcement	Each	22.00	6,600.00	300.00	315.67	1
510E3361	HP 10x42 Steel Test Pile, Furnish and Drive	Ft	655.00	85,604.80	130.69	135.02	5
510E3365	HP 10x42 Steel Bearing Pile, Furnish and Drive	Ft	2,770.00	214,642.60	77.49	72.89	5
510E3401	HP 12x53 Steel Test Pile, Furnish and Drive	Ft	400.00	80,547.50	201.37	202.48	2
510E3405	HP 12x53 Steel Bearing Pile, Furnish and Drive	Ft	7,240.00	417,932.50	57.73	60.79	2
510E3421	HP 12x74 Steel Test Pile, Furnish and Drive	Ft	235.00	53,953.65	229.59	220.53	1
510E3425	HP 12x74 Steel Bearing Pile, Furnish and Drive	Ft	675.00	69,741.00	103.32	99.44	1
510E3521	HP 14x73 Steel Test Pile, Furnish and Drive	Ft	1,280.00	357,550.00	279.34	206.18	3
510E3525	HP 14x73 Steel Bearing Pile, Furnish and Drive	Ft	12,440.00	1,056,920.00	84.96	77.40	3
510E3861	16"x0.375" Steel Pipe Test Pile, Furnish and Drive	Ft	330.00	36,300.00	110.00	170.00	1
510E3865	16"x0.375" Steel Pipe Bearing Pile, Furnish and Drive	Ft	2,205.00	187,425.00	85.00	95.00	1

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2023 Average Unit Price Report**

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510E4000	Dynamic Pile Test (during driving)	Each	4.00	275,507.88	68,876.97	66,292.32	1
510E4010	Dynamic Pile Test (during restrrike)	Each	4.00	229,589.88	57,397.47	55,799.16	1
510E4050	Static Pile Load Test	Each	2.00	57,397.48	28,698.74	27,899.58	1
530E0420	MSE Large Panel Wall, Furnish	SqFt	9,848.00	196,960.00	20.00	28.13	1
530E0422	MSE Large Panel Wall, Install	SqFt	9,848.00	443,160.00	45.00	46.06	1
530E0470	Gravity Large Concrete Block Wall	SqFt	3,335.00	237,360.80	71.17	73.55	2
530E0702	Granular Backfill for MSE Large Panel Wall	CuYd	6,091.40	456,855.00	75.00	71.84	1
530E0718	Granular Backfill for Gravity Large Concrete Block Wall	CuYd	504.00	38,411.20	76.21	57.61	2
550E0010	Low Slump Dense Concrete Bridge Deck Overlay	CuYd	555.00	344,345.00	620.44	642.45	5
550E0100	Concrete Removal Type 1A	SqYd	7,153.40	262,770.52	36.73	40.12	5
550E0105	Concrete Removal Type 2A	SqYd	988.90	13,618.60	13.77	14.56	3
550E0110	Concrete Removal Type 1B	SqYd	750.20	176,487.80	235.25	216.42	5
550E0120	Concrete Removal Type 1C	SqYd	375.10	92,578.50	246.81	232.74	5
550E0130	Concrete Removal Type 1D	SqYd	375.10	79,472.00	211.87	206.70	5
550E0140	Concrete Removal Type B	Ft	160.00	2,716.00	16.98	16.20	5
550E0200	Class A45 Concrete Fill	CuYd	84.00	74,810.00	890.60	909.46	5
550E0500	Finishing and Curing	SqYd	7,182.50	924,651.67	128.74	126.26	5
560E0074	7'x6' Precast Concrete Box Culvert, Furnish	Ft	84.00	173,570.04	2,066.31	1,985.44	1
560E0075	7'x6' Precast Concrete Box Culvert, Install	Ft	84.00	38,571.12	459.18	561.39	1
560E0076	7'x7' Precast Concrete Box Culvert, Furnish	Ft	124.00	121,520.00	980.00	953.42	1
560E0077	7'x7' Precast Concrete Box Culvert, Install	Ft	124.00	44,640.00	360.00	343.33	1
560E0116	9'x8' Precast Concrete Box Culvert, Furnish	Ft	274.00	394,141.48	1,438.47	1,466.92	2
560E0117	9'x8' Precast Concrete Box Culvert, Install	Ft	274.00	58,140.44	212.19	435.80	2
560E0134	10'x6' Precast Concrete Box Culvert, Furnish	Ft	94.00	194,233.14	2,066.31	1,984.77	1
560E0135	10'x6' Precast Concrete Box Culvert, Install	Ft	94.00	43,162.92	459.18	598.06	1
560E0180	12'x4' Precast Concrete Box Culvert, Furnish	Ft	162.00	176,904.00	1,092.00	1,105.67	1
560E0181	12'x4' Precast Concrete Box Culvert, Install	Ft	162.00	39,690.00	245.00	340.00	1
560E0214	13'x7' Precast Concrete Box Culvert, Furnish	Ft	52.00	72,800.00	1,400.00	1,406.67	1
560E0215	13'x7' Precast Concrete Box Culvert, Install	Ft	52.00	31,200.00	600.00	466.67	1
560E0224	13'x12' Precast Concrete Box Culvert, Furnish	Ft	84.00	155,400.00	1,850.00	1,804.06	1
560E0225	13'x12' Precast Concrete Box Culvert, Install	Ft	84.00	26,880.00	320.00	304.93	1
560E0256	14'x13' Precast Concrete Box Culvert, Furnish	Ft	88.00	193,600.00	2,200.00	2,154.30	1
560E0257	14'x13' Precast Concrete Box Culvert, Install	Ft	88.00	26,400.00	300.00	315.25	1
560E1074	7'x6' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	45,917.98	22,958.99	22,053.00	1
560E1075	7'x6' Precast Concrete Box Culvert End Section, Install	Each	2.00	45,917.98	22,958.99	22,053.00	1
560E1076	7'x7' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	25,000.00	12,500.00	12,062.00	1
560E1077	7'x7' Precast Concrete Box Culvert End Section, Install	Each	2.00	12,000.00	6,000.00	10,404.17	1
560E1116	9'x8' Precast Concrete Box Culvert End Section, Furnish	Each	4.00	78,877.98	19,719.50	18,806.50	2
560E1117	9'x8' Precast Concrete Box Culvert End Section, Install	Each	4.00	47,977.98	11,994.50	13,198.16	2
560E1134	10'x6' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	45,917.98	22,958.99	22,053.00	1
560E1135	10'x6' Precast Concrete Box Culvert End Section, Install	Each	2.00	45,917.98	22,958.99	22,053.00	1
560E1180	12'x4' Precast Concrete Box Culvert End Section, Furnish	Each	4.00	38,508.00	9,627.00	9,009.00	1
560E1181	12'x4' Precast Concrete Box Culvert End Section, Install	Each	4.00	14,000.00	3,500.00	4,066.67	1
560E1214	13'x7' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	30,000.00	15,000.00	14,095.33	1
560E1215	13'x7' Precast Concrete Box Culvert End Section, Install	Each	2.00	6,000.00	3,000.00	4,000.00	1

**South Dakota Department of Transportation
2023 Average Unit Price Report**

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560E1224	13'x12' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	75,000.00	37,500.00	36,825.33	1
560E1225	13'x12' Precast Concrete Box Culvert End Section, Install	Each	2.00	14,000.00	7,000.00	8,513.54	1
560E1256	14'x13' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	81,500.00	40,750.00	40,002.67	1
560E1257	14'x13' Precast Concrete Box Culvert End Section, Install	Each	2.00	14,000.00	7,000.00	9,737.50	1
560E2076	2-8'x7' Precast Concrete Box Culvert, Furnish	Ft	44.00	63,800.00	1,450.00	1,450.00	1
560E2077	2-8'x7' Precast Concrete Box Culvert, Install	Ft	44.00	26,400.00	600.00	500.00	1
560E2092	2-9'x5' Precast Concrete Box Culvert, Furnish	Ft	132.00	217,536.00	1,648.00	2,013.30	1
560E2093	2-9'x5' Precast Concrete Box Culvert, Install	Ft	132.00	81,576.00	618.00	674.87	1
560E2098	2-9'x8' Precast Concrete Box Culvert, Furnish	Ft	80.00	136,000.00	1,700.00	1,658.78	1
560E2099	2-9'x8' Precast Concrete Box Culvert, Install	Ft	80.00	41,600.00	520.00	516.67	1
560E2124	2-10'x10' Precast Concrete Box Culvert, Furnish	Ft	56.00	89,600.00	1,600.00	1,666.67	1
560E2125	2-10'x10' Precast Concrete Box Culvert, Install	Ft	56.00	39,200.00	700.00	566.67	1
560E2136	2-11'x4' Precast Concrete Box Culvert, Furnish	Ft	260.00	557,455.60	2,144.06	2,217.44	1
560E2137	2-11'x4' Precast Concrete Box Culvert, Install	Ft	260.00	92,300.00	355.00	335.43	1
560E2166	2-12'x6' Precast Concrete Box Culvert, Furnish	Ft	48.00	118,032.00	2,459.00	2,286.33	1
560E2167	2-12'x6' Precast Concrete Box Culvert, Install	Ft	48.00	14,400.00	300.00	453.33	1
560E2178	2-12'x12' Precast Concrete Box Culvert, Furnish	Ft	0.00	0.00	0.00	5,266.00	0
560E2179	2-12'x12' Precast Concrete Box Culvert, Install	Ft	0.00	0.00	0.00	1,925.00	0
560E2192	2-13'x7' Precast Concrete Box Culvert, Furnish	Ft	52.00	119,600.00	2,300.00	2,228.33	1
560E2193	2-13'x7' Precast Concrete Box Culvert, Install	Ft	52.00	36,400.00	700.00	516.67	1
560E2236	2-14'x12' Precast Concrete Box Culvert, Furnish	Ft	96.00	283,200.00	2,950.00	3,150.00	1
560E2237	2-14'x12' Precast Concrete Box Culvert, Install	Ft	96.00	84,000.00	875.00	650.00	1
560E2238	2-14'x13' Precast Concrete Box Culvert, Furnish	Ft	88.00	312,400.00	3,550.00	3,476.61	1
560E2239	2-14'x13' Precast Concrete Box Culvert, Install	Ft	88.00	27,280.00	310.00	321.91	1
560E3076	2-8'x7' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	34,000.00	17,000.00	16,933.33	1
560E3077	2-8'x7' Precast Concrete Box Culvert End Section, Install	Each	2.00	20,000.00	10,000.00	8,666.67	1
560E3092	2-9'x5' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	36,050.00	18,025.00	30,715.65	1
560E3093	2-9'x5' Precast Concrete Box Culvert End Section, Install	Each	2.00	16,480.00	8,240.00	6,421.67	1
560E3098	2-9'x8' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	50,700.00	25,350.00	24,388.00	1
560E3099	2-9'x8' Precast Concrete Box Culvert End Section, Install	Each	2.00	13,000.00	6,500.00	11,127.08	1
560E3124	2-10'x10' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	54,000.00	27,000.00	27,500.00	1
560E3125	2-10'x10' Precast Concrete Box Culvert End Section, Install	Each	2.00	24,000.00	12,000.00	11,000.00	1
560E3136	2-11'x4' Precast Concrete Box Culvert End Section, Furnish	Each	4.00	132,572.00	33,143.00	34,278.19	1
560E3137	2-11'x4' Precast Concrete Box Culvert End Section, Install	Each	4.00	20,000.00	5,000.00	4,266.67	1
560E3166	2-12'x6' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	58,000.00	29,000.00	29,000.00	1

**South Dakota Department of Transportation
2023 Average Unit Price Report**

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560E3167	2-12'x6' Precast Concrete Box Culvert End Section, Install	Each	2.00	10,000.00	5,000.00	5,166.67	1
560E3192	2-13'x7' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	44,000.00	22,000.00	22,000.00	1
560E3193	2-13'x7' Precast Concrete Box Culvert End Section, Install	Each	2.00	10,000.00	5,000.00	6,000.00	1
560E3236	2-14'x12' Precast Concrete Box Culvert End Section, Furnish	Each	4.00	205,000.00	51,250.00	57,833.33	1
560E3237	2-14'x12' Precast Concrete Box Culvert End Section, Install	Each	4.00	51,400.00	12,850.00	11,016.67	1
560E3238	2-14'x13' Precast Concrete Box Culvert End Section, Furnish	Each	2.00	112,000.00	56,000.00	54,931.67	1
560E3239	2-14'x13' Precast Concrete Box Culvert End Section, Install	Each	2.00	15,000.00	7,500.00	10,070.83	1
560E5001	4'x6' Reinforced Concrete Cattle Pass, Furnish	Ft	12.00	4,800.00	400.00	501.67	1
560E5002	4'x6' Reinforced Concrete Cattle Pass, Install	Ft	12.00	12,000.00	1,000.00	558.33	1
560E5101	Reset Reinforced Concrete Cattle Pass End Section	Each	1.00	5,000.00	5,000.00	2,850.00	1
560E8045	45" Minnesota Shape Prestressed Concrete Beam	Ft	1,021.00	464,044.50	454.50	452.25	1
560E8054	54" Minnesota Shape Prestressed Concrete Beam	Ft	1,025.00	461,250.00	450.00	532.67	1
560E8063	63" Minnesota Shape Prestressed Concrete Beam	Ft	906.00	638,394.78	704.63	741.16	1
560E8072	72" Minnesota Shape Prestressed Concrete Beam	Ft	1,662.00	1,149,824.12	691.83	699.80	2
600E0100	Type I Field Laboratory	Each	7.00	79,253.92	11,321.99	13,417.23	3
600E0200	Type II Field Laboratory	Each	11.00	270,724.34	24,611.30	22,940.24	11
600E0300	Type III Field Laboratory	Each	32.00	516,557.33	16,142.42	18,183.84	32
610E0112	12' Cattle Guard with Wings	Each	1.00	7,000.00	7,000.00	6,930.00	1
610E0412	12' Precast Concrete Cattle Guard Foundation	Each	1.00	15,000.00	15,000.00	16,300.00	1
620E0010	Type 1 Right-of-Way Fence	Ft	27,304.00	134,964.91	4.94	3.91	2
620E0020	Type 2 Right-of-Way Fence	Ft	236,389.00	656,246.71	2.78	2.69	28
620E0030	Type 3 Right-of-Way Fence	Ft	17,170.00	61,868.34	3.60	3.13	7
620E0040	Type 4 Right-of-Way Fence	Ft	811.00	2,439.40	3.01	2.78	3
620E0050	Type 5 Right-of-Way Fence	Ft	2,880.00	24,796.80	8.61	7.66	1
620E0060	Type 6 Right-of-Way Fence	Ft	3,542.00	27,703.95	7.82	6.87	4
620E0120	Type 2s Right-of-Way Fence	Ft	5,117.00	21,639.12	4.23	4.18	4
620E0130	Type 3s Right-of-Way Fence	Ft	707.00	1,209.60	1.71	1.97	2
620E0220	Modified Type 2 Right-of-Way Fence	Ft	4,991.00	13,684.11	2.74	3.65	2
620E0260	Modified Type 6 Right-of-Way Fence	Ft	2,396.00	11,402.60	4.76	6.98	2
620E0300	Special Right-of-Way Fence	Ft	9,610.00	79,123.36	8.23	7.59	3
620E0510	Type 1 Temporary Fence	Ft	18,855.00	69,607.36	3.69	3.50	11
620E0515	Type 1A Temporary Fence	Ft	35,234.00	63,841.27	1.81	1.78	7
620E0520	Type 2 Temporary Fence	Ft	13,272.00	47,561.95	3.58	2.51	4
620E0530	Type 3 Temporary Fence	Ft	422.00	337.60	0.80	0.80	1
620E0610	Type 1s Temporary Fence	Ft	1,490.00	3,382.30	2.27	4.36	1
620E0620	Type 2s Temporary Fence	Ft	1,002.00	1,098.60	1.10	1.09	2
620E1020	2 Post Panel	Each	1,077.00	304,826.65	283.03	250.23	29
620E1030	3 Post Panel	Each	482.00	150,037.96	311.28	302.23	23
620E1110	Wood Fence Post	Each	4.00	103.00	25.75	25.67	1
620E1120	Install Fence Post	Each	459.00	6,885.00	15.00	15.00	1
620E2012	12' Tubular Gate	Each	9.00	5,572.50	619.17	561.11	2
620E2014	14' Tubular Gate	Each	1.00	1,120.00	1,120.00	1,105.00	1
620E2020	20' Tubular Gate	Each	7.00	6,755.00	965.00	948.42	3
620E2100	Reset Gate	Each	7.00	1,138.00	162.57	161.24	3
620E3000	Install Fence	Ft	333.00	3,330.00	10.00	11.25	1
620E4100	Reset Fence	Ft	3,377.00	63,270.86	18.74	19.17	8
621E0040	4' Chain Link Fence with Top Rail	Ft	283.00	11,320.00	40.00	42.00	1
621E0060	6' Chain Link Fence with Top Rail	Ft	610.00	28,975.00	47.50	60.92	1

**South Dakota Department of Transportation
2023 Average Unit Price Report**

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621E0160	6' Chain Link Fence with Tension Wired Top	Ft	2,056.00	81,190.26	39.49	43.82	2
621E0240	Special 4' Chain Link Fence	Ft	134.00	10,050.00	75.00	79.68	1
621E0300	Chain Link Fence for Bridge Sidewalk	Ft	608.00	72,639.66	119.47	109.19	2
621E0410	Pedestrian Swing Gate	Each	4.00	2,000.00	500.00	524.67	1
621E0430	Double Vehicular Swing Gate	Each	1.00	3,385.00	3,385.00	5,230.73	1
621E0510	Replace Chain Link Fence Fabric	SqFt	1,590.00	19,080.00	12.00	11.86	1
621E0520	Reset Chain Link Fence	Ft	801.00	31,212.00	38.97	45.80	3
628E1000	Straight Concrete Barrier	Ft	734.00	92,557.40	126.10	126.10	1
628E1110	Movable F Shape Concrete Barrier, End Section	Each	6.00	11,700.00	1,950.00	1,283.33	1
628E1300	Straight Glare Screen for Concrete Barrier	Ft	744.00	70,464.24	94.71	94.71	1
628E1500	Concrete Barrier End Protection	Each	4.00	24,000.00	6,000.00	11,950.00	1
628E1510	Concrete Barrier End Protection Module Set or Repair Kit	Each	2.00	4,000.00	2,000.00	3,100.00	1
629E0110	High Tension 4 Cable Guardrail	Ft	23,404.00	828,395.81	35.40	38.90	8
629E0200	Reset 3 Cable Guardrail	Ft	231.00	2,090.55	9.05	10.52	1
629E0211	Reset High Tension 4 Cable Guardrail	Ft	675.00	6,880.29	10.19	14.33	2
629E0290	High Tension Cable Guardrail Anchor Assembly	Each	75.00	572,824.46	7,637.66	8,091.51	8
629E0295	Reset High Tension Cable Guardrail Anchor Assembly	Each	4.00	4,531.16	1,132.79	1,442.64	2
629E0410	Reset 3 Cable Guardrail Anchor Assembly	Each	2.00	570.00	285.00	1,080.00	1
629E0500	W Beam to High Tension Cable Guardrail Transition	Each	6.00	18,000.00	3,000.00	2,845.00	1
629E1109	Furnish High Tension Cable Guardrail Post and Sleeve	Each	50.00	12,500.00	250.00	165.73	1
629E9000	Crossover Closure	Ft	212.00	9,328.00	44.00	47.00	1
629E9010	Interim Crossover Closure	Ft	880.00	14,190.24	16.13	17.30	3
629E9050	Reset Crossover Closure	Ft	1,328.00	9,777.92	7.36	7.94	4
629E9060	Reset Interim Crossover Closure	Ft	576.00	7,680.00	13.33	13.46	2
630E0010	Straight Class A Thrie Beam Guardrail with Wood Posts	Ft	1,212.50	123,645.00	101.98	104.43	5
630E0110	Straight Double Class A Thrie Beam Guardrail with Wood Posts	Ft	862.50	101,828.63	118.06	119.06	5
630E0500	Type 1 MGS	Ft	25,600.00	1,105,778.00	43.19	43.90	33
630E1010	Straight Class A W Beam Guardrail with Wood Posts	Ft	1,590.00	94,493.50	59.43	62.70	4
630E1050	Straight Class B W Beam Guardrail with Wood Posts	Ft	50.00	2,530.50	50.61	65.30	1
630E1140	Straight Double Class A W Beam Guardrail with Wood Posts	Ft	54.80	5,370.40	98.00	110.33	1
630E1150	Straight Double Class B W Beam Guardrail with Wood Posts	Ft	50.00	3,615.00	72.30	99.15	1
630E1505	Type 2A Guardrail Transition	Each	4.00	18,000.00	4,500.00	4,280.00	1
630E2000	W Beam to Thrie Beam Guardrail Transition	Each	6.00	4,200.00	700.00	775.00	1
630E2015	W Beam Guardrail Flared End Terminal	Each	14.00	69,700.00	4,978.57	5,235.31	2
630E2019	MGS Tangent End Terminal	Each	55.00	261,757.16	4,759.22	4,638.13	6
630E2030	W Beam Guardrail Breakaway Cable Terminal	Each	6.00	7,500.00	1,250.00	2,445.00	1
630E2110	Beam Guardrail Post and Block	Each	64.00	5,760.00	90.00	137.50	1
630E5530	Remove and Reset Beam Guardrail Post and Block	Each	98.00	3,234.00	33.00	34.50	1
632E0010	1.25' Diameter Breakaway Support Concrete Footing	Ft	240.00	34,608.00	144.20	143.73	1
632E0014	1.75' Diameter Breakaway Support Concrete Footing	Ft	342.00	88,021.60	257.37	306.94	3
632E0016	2' Diameter Breakaway Support Concrete Footing	Ft	18.00	11,716.02	650.89	650.89	1
632E0056	2' Diameter Fixed Support Concrete Footing	Ft	12.00	5,460.00	455.00	537.50	1
632E0058	2.25' Diameter Fixed Support Concrete Footing	Ft	70.00	20,696.00	295.66	394.97	2
632E0060	2.5' Diameter Fixed Support Concrete Footing	Ft	98.00	23,834.32	243.21	336.50	2
632E0072	4' Diameter Fixed Support Concrete Footing	Ft	166.00	66,400.00	400.00	462.50	1

**South Dakota Department of Transportation
2023 Average Unit Price Report**

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632E1210	S3x5.7 Steel Post	Ft	110.00	4,912.60	44.66	53.58	3
632E1225	W6x12 Steel Post	Ft	370.00	73,257.80	197.99	197.19	2
632E1230	W6x15 Steel Post	Ft	229.20	47,880.00	208.90	195.88	2
632E1235	W6x20 Steel Post	Ft	66.40	14,940.00	225.00	210.00	1
632E1240	W8x18 Steel Post	Ft	230.30	39,175.20	170.11	113.75	2
632E1245	W8x21 Steel Post	Ft	112.70	28,175.00	250.00	222.50	1
632E1260	W8x31 Steel Post	Ft	161.60	57,521.94	355.95	325.21	2
632E1265	W10x33 Steel Post	Ft	159.20	32,158.40	202.00	183.50	1
632E1320	2.0"x2.0" Perforated Tube Post	Ft	9,572.00	200,949.26	20.99	21.21	21
632E1321	2.0"x2.0" Perforated Tube Post	Each	29,141.00	3,868,040.00	132.74	132.74	6
632E1330	2.25"x2.25" Perforated Tube Post	Ft	112.00	3,217.30	28.73	29.35	3
632E1340	2.5"x2.5" Perforated Tube Post	Ft	1,992.40	88,834.92	44.59	43.90	10
632E1341	2.5"x2.5" Perforated Tube Post	Each	142.00	42,600.00	300.00	300.00	1
632E1500	4"x4" Wood Post	Ft	48.00	988.80	20.60	20.53	1
632E1650	No Passing Zone Reference Post	Each	741.00	26,360.00	35.57	35.57	2
632E2000	4"x4" Amber Delineator with 1.12 Lb/Ft Post	Each	90.00	2,811.20	31.24	29.54	4
632E2002	4"x4" Amber Delineator Back to Back with 1.12 Lb/Ft Post	Each	34.00	1,201.90	35.35	32.68	1
632E2004	4"x8" Amber Delineator with 1.12 Lb/Ft Post	Each	15.00	594.50	39.63	39.32	2
632E2008	4" Tubular Amber Delineator with 1.12 Lb/Ft Post	Each	7.00	433.00	61.86	55.31	2
632E2020	4"x4" White Delineator with 1.12 Lb/Ft Post	Each	94.00	2,939.20	31.27	28.36	2
632E2022	4"x4" White Delineator Back to Back with 1.12 Lb/Ft Post	Each	18,073.00	512,884.80	28.38	31.99	22
632E2024	4"x8" White Delineator with 1.12 Lb/Ft Post	Each	140.00	5,504.30	39.32	38.30	3
632E2028	4" Tubular White Delineator with 1.12 Lb/Ft Post	Each	301.00	11,757.00	39.06	39.01	11
632E2100	Reset Delineator	Each	122.00	2,906.00	23.82	24.68	4
632E2207	4" Tubular White Delineator Reflector	Each	5,482.00	132,240.00	24.12	24.21	7
632E2220	Guardrail Delineator	Each	2,116.00	77,897.72	36.81	33.47	33
632E2510	Type 2 Object Marker Back to Back	Each	12,675.00	433,670.35	34.21	35.33	34
632E2520	Type 2 Object Marker	Each	2,298.00	72,214.47	31.42	31.60	13
632E2533	Type 3 Flexible Object Marker	Each	494.00	111,000.00	224.70	224.70	6
632E2535	Type 4 Object Marker	Each	362.00	22,755.00	62.86	62.86	4
632E3003	Aluminum Overlay Sign, Nonremovable Copy High Intensity	SqFt	647.00	22,253.70	34.40	28.70	2
632E3005	Aluminum Overlay Sign, Nonremovable Copy Super/Very High Intensity	SqFt	3,164.00	117,724.26	37.21	30.64	2
632E3113	Extruded Aluminum Sign, Nonremovable Copy High Intensity	SqFt	616.60	28,601.98	46.39	44.75	3
632E3115	Extruded Aluminum Sign, Nonremovable Copy Super/Very High Intensity	SqFt	2,845.50	127,520.38	44.81	43.19	5
632E3203	Flat Aluminum Sign, Nonremovable Copy High Intensity	SqFt	78,311.10	884,660.28	11.30	12.40	24
632E3205	Flat Aluminum Sign, Nonremovable Copy Super/Very High Intensity	SqFt	116,684.40	1,394,955.64	11.95	12.94	27
632E3500	Reset Sign	Each	543.00	51,539.91	94.92	85.98	39
632E3526	Install State Furnished Sign	Each	2.00	54.12	27.06	151.03	1
632E4000	Type 3 Double Sided Barricade	Ft	48.00	1,680.00	35.00	35.00	1
632E4005	Type 3 Single Sided Barricade	Ft	846.00	53,160.00	62.84	55.96	9
632E4500	Weigh Station Variable Message Sign	Each	1.00	72,400.00	72,400.00	86,200.00	1
632E5010	Double Beam Sign Bridge	Each	4.00	540,000.00	135,000.00	133,350.00	1
632E5020	Overhead Cantilever Sign Support	Each	1.00	40,000.00	40,000.00	38,500.00	1
633E0010	Cold Applied Plastic Pavement Marking, 4"	Ft	127,757.00	536,198.17	4.20	4.31	10
633E0015	Cold Applied Plastic Pavement Marking, 6"	Ft	143,930.00	800,734.55	5.56	5.95	2
633E0019	Cold Applied Plastic Pavement Marking, 4" with Contrast Border	Ft	124,211.00	837,185.56	6.74	6.64	2
633E0020	Cold Applied Plastic Pavement Marking, 8"	Ft	7,130.00	54,619.75	7.66	8.24	3
633E0021	Cold Applied Plastic Pavement Marking, 8" with Contrast Border	Ft	21,343.00	210,825.82	9.88	9.85	2
633E0025	Cold Applied Plastic Pavement Marking, 12"	Ft	25,520.00	302,566.50	11.86	12.60	3
633E0030	Cold Applied Plastic Pavement Marking, 24"	Ft	12,520.00	308,062.18	24.61	24.93	24

**South Dakota Department of Transportation
2023 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
633E0035	Cold Applied Plastic Pavement Marking, Area	SqFt	68.00	1,138.00	16.74	17.47	2
633E0040	Cold Applied Plastic Pavement Marking, Arrow	Each	268.00	101,246.00	377.78	388.84	14
633E0045	Cold Applied Plastic Pavement Marking, Combination Arrow	Each	21.00	15,070.00	717.62	774.91	3
633E0046	Cold Applied Plastic Pavement Marking, Lane Reduction Arrow	Each	5.00	7,500.00	1,500.00	1,566.67	1
633E0050	Cold Applied Plastic Pavement Marking, Message	Word	2.00	2,640.00	1,320.00	1,318.33	1
633E0055	Cold Applied Plastic Pavement Marking, Railroad Crossing	Each	7.00	8,860.54	1,265.79	997.03	4
633E0225	Preformed Thermoplastic Pavement Marking, 24"	Ft	5,403.00	109,767.74	20.32	21.05	11
633E0230	Preformed Thermoplastic Pavement Marking, Area	SqFt	75.00	1,029.00	13.72	12.57	1
633E0235	Preformed Thermoplastic Pavement Marking, Arrow	Each	307.00	85,765.66	279.37	283.51	8
633E0245	Preformed Thermoplastic Pavement Marking, Message	Word	11.00	5,353.03	486.64	451.15	2
633E0250	Preformed Thermoplastic Pavement Marking, Railroad Crossing	Each	4.00	3,200.00	800.00	875.00	1
633E1130	Epoxy Pavement Marking Paint, 24" White	Ft	789.00	8,955.50	11.35	14.02	3
633E1145	Epoxy Pavement Marking Paint, Arrow	Each	36.00	4,896.00	136.00	144.00	1
633E1200	High Build Waterborne Pavement Marking Paint, White	Gal	155,918.00	3,981,776.83	25.54	26.46	54
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	Gal	59,700.00	1,506,063.12	25.23	25.94	55
633E3000	Durable Pavement Marking, 4" White	Ft	1,417,760.00	1,150,242.80	0.81	0.81	13
633E3005	Durable Pavement Marking, 4" Yellow	Ft	961,493.00	778,567.29	0.81	0.82	13
633E3010	Durable Pavement Marking, 8" White	Ft	1,510.00	5,275.00	3.49	3.79	2
633E3020	Durable Pavement Marking, 12" White	Ft	15,690.00	38,980.44	2.48	2.69	4
633E3030	Durable Pavement Marking, 24" White	Ft	743.00	5,369.60	7.23	7.49	3
633E3035	Durable Pavement Marking, 24" Yellow	Ft	745.00	5,960.00	8.00	7.25	2
633E3040	Durable Pavement Marking, Area	SqFt	175.00	525.00	3.00	3.15	1
633E3045	Durable Pavement Marking, Arrow	Each	39.00	2,765.00	70.90	140.21	2
633E3050	Durable Pavement Marking, Combination Arrow	Each	1.00	82.50	82.50	80.78	1
633E5000	Grooving for Cold Applied Plastic Pavement Marking, 4"	Ft	127,757.00	115,309.39	0.90	0.86	10
633E5002	Grooving for Cold Applied Plastic Pavement Marking, 6"	Ft	143,930.00	180,700.00	1.26	1.38	2
633E5005	Grooving for Cold Applied Plastic Pavement Marking, 8"	Ft	2,485.00	7,098.25	2.86	2.31	2
633E5010	Grooving for Cold Applied Plastic Pavement Marking, 12"	Ft	5,310.00	27,037.00	5.09	3.05	2
633E5015	Grooving for Cold Applied Plastic Pavement Marking, 24"	Ft	14,875.00	84,213.23	5.66	5.88	25
633E5020	Grooving for Cold Applied Plastic Pavement Marking, Area	SqFt	143.00	660.60	4.62	4.65	3
633E5025	Grooving for Cold Applied Plastic Pavement Marking, Arrow	Each	441.00	46,652.16	105.79	101.62	19
633E5030	Grooving for Cold Applied Plastic Pavement Marking, Combination Arrow	Each	19.00	6,100.00	321.05	324.81	2
633E5031	Grooving for Cold Applied Plastic Pavement Marking, Lane Reduction Arrow	Each	5.00	1,000.00	200.00	206.67	1
633E5035	Grooving for Cold Applied Plastic Pavement Marking, Message	Word	13.00	2,939.33	226.10	208.87	3
633E5040	Grooving for Cold Applied Plastic Pavement Marking, Railroad Crossing	Each	7.00	4,003.72	571.96	554.30	3
633E5050	Surface Preparation for Pavement Marking	Ft	1,246,990.00	454,610.32	0.36	0.32	10
633E5051	Surface Preparation for Pavement Marking	SqFt	314.00	2,198.00	7.00	6.43	1
633E5052	Surface Preparation for Pavement Marking	Each	141.00	17,780.00	126.10	103.54	4
633E5100	Grooving for Durable Pavement Marking, 4"	Ft	3,705,087.00	910,488.29	0.25	0.28	20

**South Dakota Department of Transportation
2023 Average Unit Price Report**

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633E5102	Grooving for Durable Pavement Marking, 6"	Ft	599,364.00	169,483.80	0.28	0.33	3
633E5110	Grooving for Durable Pavement Marking, 12"	Ft	9,168.00	15,336.96	1.67	1.30	2
633E5115	Grooving for Durable Pavement Marking, 24"	Ft	3,437.00	21,111.02	6.14	5.52	5
633E5120	Grooving for Durable Pavement Marking, Area	SqFt	332.00	1,467.00	4.42	3.25	2
633E5125	Grooving for Durable Pavement Marking, Arrow	Each	107.00	9,155.00	85.56	105.47	4
633E5130	Grooving for Durable Pavement Marking, Combination Arrow	Each	1.00	82.50	82.50	80.78	1
633E5135	Grooving for Durable Pavement Marking, Message	Word	2.00	500.00	250.00	200.00	1
633E5140	Grooving for Durable Pavement Marking, Railroad Crossing	Each	34.00	8,800.00	258.82	285.29	2
633E6005	Pavement Marking Masking, 5"	Ft	280,742.00	49,295.91	0.18	0.17	6
633E6010	Pavement Marking Masking, 9"	Ft	1,352.00	283.92	0.21	0.22	1
633E6015	Pavement Marking Masking, 13"	Ft	6,273.00	1,568.25	0.25	0.24	1
633E6020	Pavement Marking Masking, 25"	Ft	11,928.00	10,376.99	0.87	0.91	12
633E6025	Pavement Marking Masking, Area	SqFt	2,552.00	4,261.14	1.67	1.86	4
633E6030	Pavement Marking Masking, Arrow	Each	615.00	21,236.60	34.53	38.27	9
633E6040	Pavement Marking Masking, Message	Word	9.00	90.00	10.00	10.50	1
633E6045	Pavement Marking Masking, Railroad Crossing	Each	6.00	455.56	75.93	82.53	2
633E9200	Mobile Retroreflectometer Measurements	Mile	284.54	78,136.94	274.61	229.14	4
634E0110	Traffic Control Signs	SqFt	138,100.40	371,574.47	2.69	2.94	140
634E0120	Traffic Control, Miscellaneous	LS	147.00	7,440,344.31	50,614.59	63,835.31	147
634E0135	Traffic Control Supervisor	LS	9.00	475,900.00	52,877.78	51,927.55	9
634E0310	Temporary Flexible Vertical Markers (Tabs)	Ft	68,748.00	13,273.80	0.19	0.29	8
634E0320	Temporary Flexible Vertical Markers (Tabs)	Mile	574.90	169,111.38	294.16	316.15	6
634E0330	Temporary Raised Pavement Markers	Ft	229,746.00	98,909.80	0.43	0.39	10
634E0340	Temporary Raised Pavement Markers	Mile	44.80	103,792.14	2,316.79	2,004.70	3
634E0360	Channelizing Marker	Each	20.00	865.80	43.29	36.64	1
634E0380	Tubular Marker	Each	6,986.00	398,476.60	57.04	58.11	11
634E0390	Replace Tubular Marker	Each	792.00	48,378.67	61.08	59.51	9
634E0420	Type C Advance Warning Arrow Board	Each	127.00	171,042.16	1,346.79	1,370.28	44
634E0525	Linear Delineation System Panel, Barrier Mounted	Each	1,075.00	22,423.20	20.86	23.11	15
634E0560	Remove Pavement Marking, 4" or Equivalent	Ft	522,117.00	165,985.96	0.32	0.31	18
634E0565	Remove Pavement Marking, Arrow	Each	26.00	2,177.50	83.75	82.22	4
634E0570	Remove Pavement Marking, Message	Word	1.00	26.25	26.25	25.42	1
634E0575	Remove Pavement Marking, Area	SqFt	2,117.00	4,124.75	1.95	1.95	4
634E0600	4" Temporary Pavement Marking Tape Type I	Ft	90,908.00	98,089.00	1.08	1.29	23
634E0630	Temporary Pavement Marking	Mile	3,475.60	1,586,956.07	456.60	466.35	40
634E0640	Temporary Pavement Marking	Ft	193,793.00	80,274.61	0.41	0.35	17
634E0650	Temporary Pavement Marking	Gal	175.00	3,850.00	22.00	27.63	1
634E0700	Traffic Control Movable Concrete Barrier	Each	1,174.00	391,209.61	333.23	355.25	15
634E0702	Contractor Supplied Traffic Control Movable Concrete Barrier	Each	197.00	88,220.00	447.82	568.65	2
634E0705	Remove and Reset Traffic Control Movable Concrete Barrier	Each	814.00	137,185.36	168.53	174.80	7
634E0750	Temporary Concrete Barrier End Protection	Each	52.00	358,014.40	6,884.89	7,510.66	14
634E0755	Remove and Reset Temporary Concrete Barrier End Protection	Each	64.00	169,974.08	2,655.84	2,510.40	10
634E0760	Temporary Concrete Barrier End Protection Module Set or Repair Kit	Each	17.00	115,928.68	6,819.33	6,468.29	11
634E0900	Portable Temporary Traffic Control Signal	Unit	43.00	587,730.00	13,668.14	15,761.00	12
634E1002	Detour and Restriction Signing	SqFt	30,804.00	706,008.92	22.92	23.55	30
634E1020	Temporary Business Signing	SqFt	1,755.00	28,080.00	16.00	16.32	1
634E1215	Contractor Furnished Portable Changeable Message Sign	Each	82.00	418,068.80	5,098.40	5,647.53	25
634E1255	Contractor Furnished Speed Monitoring Radar Trailer	Each	6.00	22,500.00	3,750.00	4,605.71	3
634E2000	Longitudinal Pedestrian Barricade	Ft	723.00	15,527.00	21.48	20.01	9

**South Dakota Department of Transportation
2023 Average Unit Price Report**

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634E2020	Temporary Curb Ramp	Each	16.00	10,613.89	663.37	419.59	5
634E2025	Longitudinal Pedestrian Barrier	Ft	3,443.00	40,440.00	11.75	11.91	4
634E2050	Temporary Sidewalk	SqFt	3,050.00	57,100.00	18.72	16.28	2
635E0025	Breakaway Base Luminaire Pole with Arm, 25' Mounting Height	Each	2.00	6,680.00	3,340.00	3,519.00	1
635E0040	Breakaway Base Luminaire Pole with Arm, 40' Mounting Height	Each	6.00	43,230.00	7,205.00	5,066.60	2
635E0050	Breakaway Base Luminaire Pole with Arm, 50' Mounting Height	Each	151.00	669,360.66	4,432.85	4,406.18	7
635E0140	Breakaway Base Luminaire Pole with Twin Arms, 40' Mounting Height	Each	13.00	48,542.00	3,734.00	3,811.35	1
635E0150	Breakaway Base Luminaire Pole with Twin Arms, 50' Mounting Height	Each	113.00	575,176.00	5,090.05	5,749.39	4
635E0750	Fixed Base Luminaire Pole with Twin Arms, 50' Mounting Height	Each	3.00	31,168.83	10,389.61	10,389.61	1
635E2000	Pedestal Signal Pole	Each	12.00	20,381.20	1,698.43	1,746.55	4
635E2045	Signal Pole with 45' Mast Arm	Each	1.00	20,655.00	20,655.00	21,747.58	1
635E2050	Signal Pole with 50' Mast Arm	Each	2.00	41,008.00	20,504.00	21,946.08	1
635E2065	Signal Pole with 65' Mast Arm	Each	1.00	26,226.00	26,226.00	28,108.52	1
635E2135	Signal Pole with 35' Mast Arm and Luminaire Arm	Each	1.00	25,267.00	25,267.00	24,660.59	1
635E2145	Signal Pole with 45' Mast Arm and Luminaire Arm	Each	1.00	23,370.00	23,370.00	24,602.83	1
635E2150	Signal Pole with 50' Mast Arm and Luminaire Arm	Each	1.00	23,208.00	23,208.00	24,768.43	1
635E2155	Signal Pole with 55' Mast Arm and Luminaire Arm	Each	2.00	61,050.00	30,525.00	32,158.75	1
635E2160	Signal Pole with 60' Mast Arm and Luminaire Arm	Each	1.00	27,852.00	27,852.00	29,658.37	1
635E3080	80' Light Tower with Lowering Device	Each	5.00	209,875.00	41,975.00	49,920.00	1
635E3100	100' Light Tower with Lowering Device	Each	4.00	200,880.00	50,220.00	59,617.00	1
635E3700	Roadway Luminaire, LED with Photoelectric Cell	Each	767.00	704,800.90	918.91	968.10	11
635E3999	Luminaire Arm	Each	27.00	43,263.45	1,602.35	1,602.35	1
635E4030	3 Section Vehicle Signal Head	Each	63.00	63,168.00	1,002.67	1,014.10	3
635E4040	4 Section Vehicle Signal Head	Each	8.00	8,864.00	1,108.00	1,184.16	1
635E4080	3 Section Directional Vehicle Signal Head	Each	23.00	25,423.00	1,105.35	1,129.09	3
635E4090	4 Section Directional Vehicle Signal Head	Each	4.00	6,420.00	1,605.00	1,690.08	1
635E4100	5 Section Directional Vehicle Signal Head	Each	2.00	3,430.00	1,715.00	1,805.25	1
635E5020	2' Diameter Footing	Ft	2,993.00	561,877.90	187.73	202.61	14
635E5030	3' Diameter Footing	Ft	251.00	86,694.00	345.39	346.92	3
635E5040	4' Diameter Footing	Ft	152.00	55,176.00	363.00	526.67	1
635E5301	Type 1 Electrical Junction Box	Each	49.00	66,949.08	1,366.31	1,307.46	9
635E5302	Type 2 Electrical Junction Box	Each	3.00	9,642.50	3,214.17	3,523.75	2
635E5303	Type 3 Electrical Junction Box	Each	204.00	243,135.30	1,191.84	1,194.61	4
635E5304	Type 4 Electrical Junction Box	Each	2.00	3,190.00	1,595.00	1,556.72	1
635E5310	Special Electrical Junction Box	Each	283.00	362,175.00	1,279.77	1,411.39	2
635E5360	Surface Mounted Junction Box	Each	7.00	11,594.78	1,656.40	1,595.10	3
635E5400	Electrical Service Cabinet	Each	34.00	75,930.71	2,233.26	3,192.48	8
635E5410	Controller Cabinet	Each	8.00	30,720.00	3,840.00	6,530.33	1
635E5420	Circuit Control Center	Each	2.00	1,000.00	500.00	930.00	1
635E5430	Traffic Signal Controller	Each	4.00	130,421.00	32,605.25	34,301.67	2
635E5450	Side Mounted Cabinet	Each	6.00	25,320.00	4,220.00	4,547.73	1
635E5515	Battery Backup System for Traffic Signal	Each	4.00	28,805.00	7,201.25	7,407.48	2
635E5520	Video Detection System	Each	5.00	136,766.00	27,353.20	29,553.20	3
635E5540	Sawed-In Detector Loop	Each	3.00	6,000.00	2,000.00	2,250.00	1
635E5560	Emergency Vehicle Preemption Unit	Each	4.00	16,800.00	4,200.00	4,482.33	2
635E5570	Optical Detector	Each	16.00	26,580.00	1,661.25	1,675.00	2
635E5600	Surveillance Camera	Each	6.00	21,900.00	3,650.00	3,854.67	1
635E5880	Accessible Pedestrian Signal	Each	34.00	32,145.20	945.45	1,026.79	3
635E5900	Pedestrian Push Button	Each	2.00	1,000.00	500.00	493.33	1
635E5910	Pedestrian Push Button Pole	Each	36.00	27,628.00	767.44	823.19	4

**South Dakota Department of Transportation
2023 Average Unit Price Report**

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635E5922	Pedestrian Signal Head with Countdown Timer	Each	34.00	25,612.00	753.29	807.87	3
635E5930	Pedestrian Crossing Sign	Each	34.00	2,315.00	68.09	68.26	3
635E5960	Solar Powered Flashing Beacon	Each	14.00	73,800.00	5,271.43	5,198.10	2
635E5980	Rectangular Rapid Flashing Beacon System	Each	2.00	15,000.00	7,500.00	8,136.67	1
635E6200	Miscellaneous, Electrical	LS	8.00	34,666.97	4,333.37	6,189.08	8
635E6500	Furnish Signal Pole with Mast Arm	Each	2.00	66,866.00	33,433.00	32,957.33	1
635E6949	Furnish Roadway Luminaire, LED with Photoelectric Cell	Each	3.00	3,300.00	1,100.00	1,053.33	1
635E6999	Furnish Breakaway Base Luminaire Pole with Arm	Each	3.00	21,000.00	7,000.00	6,684.00	1
635E7500	Remove and Reset Luminaire Pole	Each	69.00	79,254.68	1,148.62	1,154.04	5
635E7505	Reset Luminaire Pole	Each	1.00	2,952.50	2,952.50	2,856.25	1
635E7511	Reset Signal Pole	Each	1.00	1,545.00	1,545.00	1,660.00	1
635E7600	Maintenance of Traffic Signal(s)	Hour	150.00	10,500.00	70.00	73.67	1
635E8010	1" Rigid Galvanized Steel Conduit	Ft	40.00	1,506.40	37.66	37.66	1
635E8015	1.5" Rigid Galvanized Steel Conduit	Ft	470.00	4,996.10	10.63	11.88	1
635E8020	2" Rigid Galvanized Steel Conduit	Ft	275.00	10,348.35	37.63	31.24	3
635E8040	4" Rigid Galvanized Steel Conduit	Ft	4,408.00	176,320.00	40.00	42.47	1
635E8110	1" Rigid Conduit, Schedule 40	Ft	1,336.00	11,278.87	8.44	7.55	4
635E8115	1.5" Rigid Conduit, Schedule 40	Ft	165.00	4,950.00	30.00	15.33	1
635E8120	2" Rigid Conduit, Schedule 40	Ft	86,872.00	453,785.86	5.22	6.19	13
635E8130	3" Rigid Conduit, Schedule 40	Ft	1,960.00	18,522.00	9.45	12.57	1
635E8140	4" Rigid Conduit, Schedule 40	Ft	545.00	6,769.25	12.42	12.33	2
635E8150	5" Rigid Conduit, Schedule 40	Ft	30.00	555.00	18.50	19.48	1
635E8220	2" Rigid Conduit, Schedule 80	Ft	16,515.00	175,085.80	10.60	12.35	10
635E8230	3" Rigid Conduit, Schedule 80	Ft	4,170.00	56,267.25	13.49	13.39	4
635E8240	4" Rigid Conduit, Schedule 80	Ft	115.00	1,891.75	16.45	16.80	1
635E8410	1/2" Innerduct, SDR 13.5	Ft	8,150.00	8,965.00	1.10	1.09	1
635E8415	1" Innerduct, SDR 13.5	Ft	407,468.00	560,130.13	1.37	1.62	4
635E8420	1.5" Innerduct, SDR 13.5	Ft	240.00	780.00	3.25	2.88	1
635E8830	2/2/2/4 Aluminum Wire	Ft	49,240.00	194,499.00	3.95	3.91	2
635E9010	1/C #0 AWG Copper Wire	Ft	1,810.00	6,009.20	3.32	3.63	1
635E9011	1/C #1 AWG Copper Wire	Ft	6,405.00	16,653.00	2.60	2.74	1
635E9012	1/C #2 AWG Copper Wire	Ft	1,245.00	5,565.15	4.47	4.47	1
635E9013	1/C #3 AWG Copper Wire	Ft	19,770.00	39,397.10	1.99	2.19	3
635E9014	1/C #4 AWG Copper Wire	Ft	19,860.00	36,731.65	1.85	1.79	7
635E9016	1/C #6 AWG Copper Wire	Ft	20,230.00	28,908.50	1.43	1.21	5
635E9018	1/C #8 AWG Copper Wire	Ft	74,800.00	82,043.80	1.10	1.05	6
635E9020	1/C #10 AWG Copper Wire	Ft	387,040.00	146,301.80	0.38	0.47	3
635E9022	1/C #12 AWG Copper Wire	Ft	28,615.00	10,587.55	0.37	0.37	1
635E9024	1/C #14 AWG Copper Wire	Ft	2,030.00	507.50	0.25	0.26	1
635E9302	2/C #14 AWG IMSA Copper Cable, K1	Ft	990.00	1,614.00	1.63	1.50	2
635E9303	3/C #14 AWG IMSA Copper Cable, K1	Ft	485.00	952.40	1.96	1.83	2
635E9305	5/C #14 AWG IMSA Copper Cable, K1	Ft	3,880.00	8,807.60	2.27	2.11	1
635E9307	7/C #14 AWG IMSA Copper Cable, K1	Ft	370.00	1,098.90	2.97	2.79	1
635E9312	12/C #14 AWG IMSA Copper Cable, K1	Ft	1,865.00	7,571.90	4.06	3.95	1
635E9319	19/C #14 AWG IMSA Copper Cable, K1	Ft	320.00	2,428.80	7.59	7.41	1
635E9325	25/C #14 AWG IMSA Copper Cable, K1	Ft	3,655.00	26,498.75	7.25	7.23	1
635E9502	2/C #14 AWG Copper Tray Cable, K2	Ft	1,795.00	2,064.25	1.15	1.22	1
635E9503	3/C #14 AWG Copper Tray Cable, K2	Ft	140.00	196.00	1.40	1.49	1
635E9504	4/C #14 AWG Copper Tray Cable, K2	Ft	640.00	1,047.00	1.64	1.70	2
635E9505	5/C #14 AWG Copper Tray Cable, K2	Ft	605.00	1,028.50	1.70	1.80	1
635E9509	9/C #14 AWG Copper Tray Cable, K2	Ft	235.00	580.45	2.47	2.59	1
635E9519	19/C #14 AWG Copper Tray Cable, K2	Ft	780.00	3,759.60	4.82	5.41	1
635E9526	26/C #14 AWG Copper Tray Cable, K2	Ft	830.00	6,432.50	7.75	8.13	1
635E9600	#16 AWG Copper Twisted Shielded Pair	Ft	1,540.00	1,232.00	0.80	0.90	1
635E9710	2/C #10 AWG Copper Pole and Bracket Cable	Ft	33,040.00	87,762.45	2.66	2.69	9
635E9800	Preemption Cable	Ft	10,125.00	34,283.10	3.39	2.66	2
635E9924	24 Strand Fiber Optic Cable	Ft	15,900.00	24,168.00	1.52	1.52	1

**South Dakota Department of Transportation
2023 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
635E9950	Install Fiber Optic Cable	Ft	2,660.00	2,101.40	0.79	0.73	1
650E0059	Modified Type B66 Concrete Curb and Gutter	Ft	42.00	3,150.00	75.00	66.00	1
650E0060	Type B66 Concrete Curb and Gutter	Ft	10,531.00	357,908.46	33.99	31.54	4
650E0080	Type B68 Concrete Curb and Gutter	Ft	426.00	19,426.00	45.60	66.10	2
650E0085	Type B68.5 Concrete Curb and Gutter	Ft	4,750.00	198,968.60	41.89	37.81	2
650E0090	Type B69 Concrete Curb and Gutter	Ft	207.00	15,525.00	75.00	57.00	1
650E0100	Type B610 Concrete Curb and Gutter	Ft	416.00	14,764.95	35.49	39.85	2
650E0360	Type BL66 Concrete Curb and Gutter	Ft	5,586.00	153,615.00	27.50	27.50	1
650E0385	Type BL68.5 Concrete Curb and Gutter	Ft	329.00	11,268.25	34.25	44.56	1
650E1060	Type F66 Concrete Curb and Gutter	Ft	414.00	28,855.80	69.70	69.70	1
650E1080	Type F68 Concrete Curb and Gutter	Ft	5,382.00	213,636.00	39.69	33.64	2
650E1085	Type F68.5 Concrete Curb and Gutter	Ft	194.00	19,180.78	98.87	55.76	1
650E1090	Type F69 Concrete Curb and Gutter	Ft	401.00	30,075.00	75.00	75.00	1
650E1095	Type F69.5 Concrete Curb and Gutter	Ft	131.00	9,825.00	75.00	75.00	1
650E1100	Type F610 Concrete Curb and Gutter	Ft	22,468.00	554,959.60	24.70	25.72	1
650E1110	Type F611 Concrete Curb and Gutter	Ft	601.00	25,181.90	41.90	41.90	1
650E1380	Type FL68 Concrete Curb and Gutter	Ft	85,662.00	2,335,018.50	27.26	26.14	2
650E1400	Type FL610 Concrete Curb and Gutter	Ft	19,061.00	474,618.90	24.90	26.53	1
650E2100	Special Concrete Curb and Gutter	Ft	816.00	37,752.00	46.26	54.38	2
650E4060	Type C6 Concrete Gutter	Ft	582.00	23,736.00	40.78	44.95	2
650E4360	Type D46 Concrete Curb and Gutter	Ft	258.00	38,779.36	150.31	121.68	3
650E4380	Type D48 Concrete Curb and Gutter	Ft	1,600.00	131,473.95	82.17	67.40	4
650E4384	Modified Type D48.5 Concrete Curb and Gutter	Ft	176.00	22,647.68	128.68	81.21	1
650E4385	Type D48.5 Concrete Curb and Gutter	Ft	220.00	11,000.00	50.00	50.00	1
650E4410	Type D411 Concrete Curb and Gutter	Ft	433.00	17,475.88	40.36	40.36	1
650E4660	Type P6 Concrete Gutter	Ft	324.00	36,424.12	112.42	67.30	3
650E4680	Type P8 Concrete Gutter	Ft	468.00	37,468.64	80.06	64.74	4
650E4685	Type P8.5 Concrete Gutter	Ft	511.00	35,355.12	69.19	56.68	2
650E4700	Type P10 Concrete Gutter	Ft	298.00	9,774.40	32.80	45.05	1
650E4710	Type P11 Concrete Gutter	Ft	146.00	7,491.26	51.31	51.31	1
651E0040	4" Concrete Sidewalk	SqFt	42,159.00	439,873.80	10.43	9.12	8
651E0050	5" Concrete Sidewalk	SqFt	23,346.00	134,422.20	5.76	6.47	3
651E0060	6" Concrete Sidewalk	SqFt	221,832.00	1,745,362.76	7.87	7.93	10
651E0080	8" Concrete Sidewalk	SqFt	357.00	3,391.50	9.50	10.25	1
651E0160	6" Reinforced Concrete Sidewalk	SqFt	6,321.00	98,680.00	15.61	19.82	6
651E0560	6" Colored Concrete Sidewalk	SqFt	21.00	468.30	22.30	20.51	1
651E5000	Sidewalk Drain	Ft	63.80	13,255.00	207.76	242.87	3
651E7000	Type 1 Detectable Warnings	SqFt	2,559.00	167,539.40	65.47	67.08	14
670E1010	2' x 3' Type B Drop Inlet	Each	8.00	30,400.00	3,800.00	3,980.80	2
670E1200	Type B Frame and Grate	Each	298.00	255,196.32	856.36	857.56	5
670E2015	3' x 4' Type C Drop Inlet	Each	1.00	5,000.00	5,000.00	5,000.00	1
670E2200	Type C Frame and Grate	Each	23.00	47,532.49	2,066.63	1,977.65	5
670E3200	Type D Frame and Grate	Each	4.00	8,140.00	2,035.00	2,445.00	2
670E3300	Type E Frame and Grate	Each	2.00	3,800.00	1,900.00	1,776.70	1
670E4120	Type L Median Drain	Each	2.00	11,375.00	5,687.50	5,773.77	2
670E4122	Type L Frame and Grate Assembly	Each	11.00	30,787.50	2,798.86	2,845.88	3
670E4205	Type M Frame and Grate Assembly	Each	19.00	36,912.25	1,942.75	2,079.13	2
670E4325	Barrier Drop Inlet Double Unit Frame and Grate Assembly	Each	4.00	14,730.56	3,682.64	3,682.64	1
670E5202	Special Frame and Grate	Each	13.00	14,201.07	1,092.39	897.46	1
670E5300	3' x 4' Drop Inlet Cover	Each	2.00	1,570.00	785.00	722.67	1
670E5340	4' x 11' Precast Concrete Type S Drop Inlet Lid	Each	43.00	240,181.36	5,585.61	4,772.52	5
670E5342	4' x 6' Precast Concrete Type S Drop Inlet Lid	Each	9.00	25,605.00	2,845.00	2,890.00	1
670E5400	Precast Drop Inlet Collar	Each	152.00	70,401.94	463.17	459.52	17
670E6000	Adjust Drop Inlet	Each	4.00	3,070.56	767.64	767.64	1
670E7000	Reset Drop Inlet Frame and Grate Assembly	Each	2.00	700.00	350.00	400.00	1
671E0500	Air Release Manhole	Each	1.00	28,560.00	28,560.00	28,611.20	1
671E1048	48" Manhole	Each	3.00	16,826.00	5,608.67	5,314.75	2

**South Dakota Department of Transportation
2023 Average Unit Price Report**

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671E1072	72" Manhole	Each	1.00	4,770.00	4,770.00	5,022.83	1
671E1130	48" Manhole 0' to 6' Deep	Each	15.00	53,840.25	3,589.35	4,051.25	1
671E1248	48" PVC Lined Manhole	Each	6.00	109,558.80	18,259.80	17,538.40	1
671E1260	60" PVC Lined Manhole	Each	2.00	45,567.70	22,783.85	22,144.91	1
671E2006	6" Manhole Boot	Each	1.00	680.00	680.00	1,370.00	1
671E2008	8" Manhole Boot	Each	8.00	1,278.00	159.75	201.36	1
671E2015	15" Manhole Boot	Each	12.00	3,195.00	266.25	341.16	1
671E2018	18" Manhole Boot	Each	4.00	1,384.52	346.13	437.68	1
671E4200	Manhole Drop Section	Each	6.00	10,200.00	1,700.00	1,800.36	1
671E5502	2" Adjusting Ring for Manhole	Each	2.00	2,218.66	1,109.33	1,109.33	1
671E5506	6" Adjusting Ring for Manhole	Each	4.00	4,675.08	1,168.77	1,168.77	1
671E5510	Extra Depth for 48" Manhole	Ft	124.10	34,872.10	281.00	297.59	1
671E6000	Temporary Manhole Cover	Each	19.00	4,612.00	242.74	245.40	2
671E6007	Type A7 Manhole Frame and Lid	Each	17.00	12,320.00	724.71	754.27	2
671E6008	Type A8 Manhole Frame and Lid	Each	6.00	6,000.00	1,000.00	987.15	1
671E6009	Type A9 Manhole Frame and Lid	Each	10.00	20,000.00	2,000.00	1,206.67	1
671E6010	Type A10 Manhole Frame and Lid	Each	4.00	11,055.26	2,763.82	1,908.16	2
671E6020	Type C Manhole Frame and Lid	Each	1.00	1,514.21	1,514.21	1,754.74	1
671E6035	Special Manhole Frame and Lid	Each	8.00	3,600.00	450.00	468.67	1
671E7000	Reset Manhole Frame and Lid	Each	1.00	280.00	280.00	342.33	1
671E7010	Adjust Manhole	Each	32.00	17,720.00	553.75	1,703.92	4
671E7020	Connect Into Existing Manhole	Each	1.00	2,420.38	2,420.38	2,162.54	1
671E8000	Reconstruct Manhole	Each	9.00	59,176.47	6,575.16	5,212.37	3
671E9000	Manhole Exfiltration/Vacuum Test	Each	10.00	3,000.00	300.00	289.33	1
680E0040	4" Underdrain Pipe	Ft	6,028.00	187,641.28	31.13	30.58	18
680E0100	Cutoff Drain	Each	2.00	46,070.00	23,035.00	15,767.50	1
680E0240	4" Corrugated Polyethylene Drainage Tubing	Ft	1,163.00	51,370.00	44.17	43.99	3
680E0260	6" Corrugated Polyethylene Drainage Tubing	Ft	1,000.00	58,416.00	58.42	56.95	2
680E0280	8" Corrugated Polyethylene Drainage Tubing	Ft	250.00	19,135.00	76.54	65.55	2
680E0292	12" Corrugated Polyethylene Drainage Tubing	Ft	100.00	10,000.00	100.00	76.08	1
680E0440	4" Slotted Corrugated Polyethylene Drainage Tubing	Ft	426.00	8,655.88	20.32	20.32	2
680E2000	Concrete Headwall for Underdrain	Each	3.00	8,416.00	2,805.33	2,141.69	2
680E2500	Porous Backfill	Ton	1,439.70	166,117.71	115.38	105.92	16
680E2502	Crushed Rock	Ton	207.10	15,674.50	75.69	84.85	2
700E0110	Class A Riprap	Ton	7,636.20	346,326.06	45.35	44.92	6
700E0210	Class B Riprap	Ton	25,691.20	2,473,441.49	96.28	98.29	35
700E0310	Class C Riprap	Ton	3,735.20	478,861.00	128.20	102.07	6
700E0410	Class D Riprap	Ton	93.30	13,995.00	150.00	167.57	1
700E2010	Place Riprap	Ton	114.00	2,272.50	19.93	26.16	2
720E1010	PVC Coated Bank and Channel Protection Gabion	CuYd	1,215.00	617,379.97	508.13	498.45	12
720E1015	Bank and Channel Protection Gabion	CuYd	419.50	217,832.00	519.27	585.88	6
730E0100	Cover Crop Seeding	Bu	511.60	74,599.21	145.82	135.08	21
730E0200	Type A Permanent Seed Mixture	Lb	99.00	3,762.00	38.00	41.35	2
730E0202	Type B Permanent Seed Mixture	Lb	2,955.00	67,244.42	22.76	21.59	6
730E0204	Type C Permanent Seed Mixture	Lb	92.00	9,838.68	106.94	106.24	3
730E0206	Type D Permanent Seed Mixture	Lb	899.00	10,715.80	11.92	12.24	5
730E0208	Type E Permanent Seed Mixture	Lb	1,510.00	75,517.78	50.01	41.19	3
730E0210	Type F Permanent Seed Mixture	Lb	6,039.00	186,621.62	30.90	31.00	12
730E0212	Type G Permanent Seed Mixture	Lb	17,518.00	257,938.62	14.72	14.95	10
730E0251	Special Permanent Seed Mixture 1	Lb	21,287.00	591,660.85	27.79	23.03	7
730E0252	Special Permanent Seed Mixture 2	Lb	38.00	6,542.46	172.17	119.72	1
730E1200	Hydroseeding	SqYd	19,052.00	19,052.00	1.00	0.90	1
731E0100	Fertilizing	Lb	24,079.00	57,453.52	2.39	2.57	13
731E0200	Fertilizing	Ton	1,055.00	1,176,093.76	1,114.78	1,074.67	25
732E0100	Mulching	Ton	3,263.50	1,032,012.62	316.23	307.25	28
732E0200	Fiber Mulching	Ton	84.60	194,045.95	2,293.69	2,355.04	10
732E0250	Fiber Mulching	Lb	13,573.00	43,377.60	3.20	3.08	3
732E0300	Bonded Fiber Matrix	Ton	197.90	412,234.50	2,083.04	2,567.10	3

**South Dakota Department of Transportation
2023 Average Unit Price Report**

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732E0350	Bonded Fiber Matrix	Lb	6,320.00	17,064.00	2.70	3.34	2
733E0100	Sodding	SqYd	365.00	1,733.75	4.75	4.93	1
734E0010	Erosion Control	LS	42.00	366,213.94	8,719.38	9,951.45	42
734E0042	Soil Stabilizer	SqYd	1,000.00	2,100.00	2.10	1.70	1
734E0044	Soil Stabilizer	Acre	122.20	145,942.50	1,194.29	944.91	5
734E0101	Type 1 Erosion Control Blanket	SqYd	24,285.00	35,559.32	1.46	2.31	4
734E0102	Type 2 Erosion Control Blanket	SqYd	30,921.00	87,387.06	2.83	3.00	12
734E0103	Type 3 Erosion Control Blanket	SqYd	163,683.00	381,278.90	2.33	2.33	24
734E0104	Type 4 Erosion Control Blanket	SqYd	7,836.00	18,115.20	2.31	2.16	2
734E0131	Type 1 Turf Reinforcement Mat	SqYd	22,125.00	88,551.50	4.00	4.65	2
734E0132	Type 2 Turf Reinforcement Mat	SqYd	38,256.40	203,821.92	5.33	5.28	7
734E0133	Type 3 Turf Reinforcement Mat	SqYd	1,727.00	7,996.89	4.63	4.70	2
734E0150	6" Diameter Erosion Control Wattle	Ft	20.00	200.00	10.00	10.00	1
734E0151	9" Diameter Erosion Control Wattle	Ft	1,694.00	8,997.60	5.31	6.45	4
734E0154	12" Diameter Erosion Control Wattle	Ft	151,030.00	1,032,897.72	6.84	6.61	64
734E0160	20" Diameter Erosion Control Wattle	Ft	100.00	1,200.00	12.00	12.00	1
734E0165	Remove and Reset Erosion Control Wattle	Ft	30,959.00	161,681.05	5.22	4.77	40
734E0170	Temporary Sediment Barrier	Ft	10,647.00	51,186.10	4.81	4.92	5
734E0180	Sediment Filter Bag	Ft	13,328.00	49,212.56	3.69	3.67	10
734E0325	Surface Roughening	Acre	177.00	102,289.56	577.91	521.27	14
734E0400	Rock Check Dam	CuYd	171.00	21,591.00	126.26	152.69	2
734E0510	Shaping for Erosion Control Blanket	Ft	82,115.00	60,152.12	0.73	0.71	28
734E0602	Low Flow Silt Fence	Ft	177,465.00	722,658.75	4.07	4.23	45
734E0604	High Flow Silt Fence	Ft	81,256.00	374,380.93	4.61	4.91	35
734E0610	Mucking Silt Fence	CuYd	17,790.00	125,565.39	7.06	7.53	57
734E0620	Repair Silt Fence	Ft	63,725.00	76,737.26	1.20	1.46	52
734E0630	Floating Silt Curtain	Ft	8,280.00	171,719.50	20.74	23.56	13
734E0635	Remove and Reset Floating Silt Curtain	Ft	75.00	225.00	3.00	4.67	1
734E0680	Flocculent Housing Unit	Each	2.00	8,000.00	4,000.00	4,166.67	1
734E0683	500K Gallon Treatment Flocculent Bag	Each	2.00	3,000.00	1,500.00	1,500.00	1
734E0845	Sediment Control at Inlet with Frame and Grate	Each	379.00	37,366.94	98.59	110.35	15
734E0847	Sediment Control at Type S Reinforced Concrete Drop Inlet	Ft	635.00	3,973.28	6.26	5.73	5
734E0855	Interim Sediment Control at Inlet	Each	12.00	1,080.00	90.00	96.00	1
734E0900	Temporary Diversion Channel for Fish Passage	Each	10.00	150,700.00	15,070.00	15,546.67	7
734E1200	Natural Streambed Material	Ton	318.40	35,660.80	112.00	118.00	1
734E1201	Natural Streambed Material Type 1	Ton	767.50	85,960.00	112.00	103.50	1
734E2020	Bridge Berm Slope Protection, Coated Crushed Aggregate	SqYd	1,676.30	105,511.80	62.94	95.37	2
734E5000	Dewatering	Hour	130.00	2,950.00	22.69	90.29	2
734E5005	Dewatering	LS	2.00	18,116.02	9,058.01	18,498.38	2
734E5010	Sweeping	Hour	196.00	32,429.50	165.46	169.34	8
735E0110	1 Gallon Perennial Plant, Furnish and Plant	Each	1,116.00	16,740.00	15.00	15.39	1
735E1000	Shrub, Furnish and Plant	Each	317.00	12,680.00	40.00	44.22	1
735E1360	6' Coniferous Evergreen, Furnish and Plant	Each	49.00	14,700.00	300.00	484.11	1
735E2220	2" Caliper Deciduous Tree, Furnish and Plant	Each	26.00	14,300.00	550.00	602.33	1
735E2225	2.5" Caliper Deciduous Tree, Furnish and Plant	Each	41.00	28,700.00	700.00	735.61	1
735E5010	1 Gallon Ornamental Grass, Furnish and Plant	Each	2,423.00	36,345.00	15.00	14.47	1
831E0100	Type A Drainage Fabric	SqYd	1,037.00	11,102.85	10.71	10.27	2
831E0110	Type B Drainage Fabric	SqYd	52,741.00	248,949.58	4.72	4.58	44
831E0200	Woven Separator Fabric	SqYd	12,327.00	45,505.86	3.69	3.35	2
831E0210	Non-woven Separator Fabric	SqYd	13,500.00	53,654.54	3.97	4.50	5
831E0300	Reinforcement Fabric (MSE)	SqYd	31,607.00	122,583.00	3.88	4.34	12
831E0400	Impermeable Plastic Membrane	SqYd	149.00	7,805.00	52.38	41.79	2
831E1010	Geogrid Reinforcement	SqYd	13,274.00	38,759.15	2.92	9.54	4
831E1500	Geotextile Bond Breaker Fabric	SqYd	9,348.00	42,066.00	4.50	4.12	1
900E0010	Refurbish Single Mailbox	Each	306.00	88,560.71	289.41	277.99	24

**South Dakota Department of Transportation
2023 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
900E0012	Refurbish Double Mailbox	Each	69.00	21,818.00	316.20	313.10	13
900E0030	Remove and Reset Historical Marker	Each	1.00	860.96	860.96	1,236.99	1
900E1080	Orange Plastic Safety Fence	Ft	15,096.00	58,717.80	3.89	4.71	7
900E1250	High Friction Surface Treatment	SqYd	80,465.00	1,962,477.50	24.39	26.42	2
900E1256	Abrasive Blasting of PCC Pavement	SqYd	42,322.20	95,224.95	2.25	2.40	1
900E1310	Concrete Washout Facility	Each	12.00	20,232.04	1,686.00	2,501.00	5
900E1320	Construction Entrance	Each	56.00	136,366.63	2,435.12	3,614.00	19
900E1350	Temporary Surfacing	SqFt	5,500.00	60,225.00	10.95	10.97	1
900E1980	Storage Unit	Each	19.00	66,320.93	3,490.58	4,316.98	19
900E2030	Miscellaneous Work	Site	9.00	25,750.00	2,861.11	6,077.46	4
900E5147	Articulated Concrete Mattress	SqYd	224.00	61,376.00	274.00	353.67	1
900E5150	Landscape Edging	Ft	1,680.00	63,084.00	37.55	46.70	1
900E5151	Ornamental Landscaping Boulders	Each	52.00	24,960.00	480.00	681.27	1
900E5152	Weed Barrier Fabric	SqYd	3,175.00	3,175.00	1.00	1.94	1
900E5157	4" Depth Shredded Bark Mulch	SqYd	2,075.00	10,375.00	5.00	7.87	1
900E5310	5" Black Steel Pipe Casing	Ft	32.00	1,344.00	42.00	94.00	1
900E5420	Irrigation System	Each	1.00	45,000.00	45,000.00	55,544.01	1
900E5840	Permanent Vehicle Classification System	Each	2.00	406,178.16	203,089.08	211,929.54	2
900E6837	Remove Existing Plant and Landscape Materials	LS	1.00	10,000.00	10,000.00	6,815.00	1
900E7003	Pedestrian Bridge	Each	1.00	849,424.12	849,424.12	863,773.15	1
900E8900	Anchor Bolt Coring	Ft	48.80	31,158.76	638.50	554.17	2
998E0100	Railroad Protective Insurance	LS	18.00	108,446.26	6,024.79	6,030.64	18