

**SMW20003 - 2020 BOX CULVERT REPAIR**  
**CITY OF MARSHALLTOWN**  
**2/15/2022**  
**ENGINEER'S ESTIMATE OF PROBABLE COSTS**  
**Base Bid - Culvert Repair**

Item No.	Reference No	Description	Quantity	Unit	Unit Price	Total Price
1	2010-108-E-0	Excavation, Class 10, Class 12, or Class 13	147	CY	\$35.00	\$5,145.00
2	2010-108-G-0	Subgrade Preparation	510	SY	\$5.00	\$2,550.00
3	2010-108-H-0	Subgrade Treatment, TriAx 160 Geogrid	399.3	SY	\$3.50	\$1,397.55
4	2010-108-I-0	Subbase, Modified	155.5	TON	\$26.00	\$4,043.00
5	6010-108-E-0	Intake Adjustment, Minor	2	EA	\$750.00	\$1,500.00
6	7010-108-A-0	Pavement, PCC	300.9	SY	\$75.00	\$22,567.50
7	7010-108-E-0	Curb and Gutter, 30" W x 8" D	265	LF	\$40.00	\$10,600.00
8	7010-108-E-0	Curb and Gutter, 30" W x Varies" D (Bridge)	83	LF	\$45.00	\$3,735.00
9	7011-108-A-0	PCC Overlay, ±5"	22.0	CY	\$350.00	\$7,700.00
10	7011-108-A-3	Surface Preparation for Bonded PCC Overlay	158.3	SY	\$5.00	\$791.50
11	7030-108-A-0	Removal of Sidewalk	140.0	SY	\$15.00	\$2,100.00
12	7030-108-B-0	Removal of Curb	288	LF	\$15.00	\$4,320.00
13	7030-108-E-0	Sidewalk, PCC, 6"	116.5	SY	\$45.00	\$5,242.50
14	7030-108-E-1	Sidewalk, PCC, Bridge	38.2	SY	\$60.00	\$2,292.00
15	7040-108-G-0	Milling, ±5"	171.8	SY	\$5.00	\$859.00
16	7040-108-H-0	Pavement Removal	324.1	SY	\$10.00	\$3,241.00
17	8030-108-A-0	Temporary Traffic Control	1	LS	\$3,500.00	\$3,500.00
18	9010-108-B-0	Hydraulic Seeding, Fertilizing, and Mulching	363	SY	\$1.50	\$544.50
19	9040-108-A-1	SWPPP Preparation	1	LS	\$5,000.00	\$5,000.00
20	9040-108-A-2	SWPPP Management	1	LS	\$2,500.00	\$2,500.00
21	9040-108-N-1	Silt Fence or Silt Fence Ditch Check	408	LF	\$3.00	\$1,224.00
22	9080-108-C-0	Safety Rail	331	LF	\$325.00	\$107,575.00
23	9080-108-C-1	Hand Rail Removal	316	LF	\$15.00	\$4,740.00
24	11,020-108-A	Mobilization	1	LS	\$19,600.00	\$19,600.00
25	11,050-108-A-0	Concrete Washout	1	LS	\$500.00	\$500.00
26	IDOT 2403	Remove Reinforced Bridge Sidewalk	12.8	SY	\$20.00	\$256.00
27	IDOT 2403	Structural Concrete, Reinforced Bridge Sidewalk	2.5	CY	\$1,500.00	\$3,750.00
28	IDOT 2404	Reinforcement	354.0	LB	\$8.50	\$3,009.00
29	IDOT-2426	Structural Concrete Wall Repair	139.1	CF	\$250.00	\$34,775.00
<b>Total Estimated Costs</b>						<b>\$265,057.55</b>