

Mahaska County/Oskaloosa US 63 - IA 23 Connector
10000 LF - 28' with 6' paved shoulders
Preliminary Opinion of Probable Cost
Oskaloosa, Mahaska County, Iowa
April 2022



Item No.	Item Code	Item	Unit	Unit Price	Quantity	Division 1 (50%) Mahaska County	Division 2 (50%) City of Oskaloosa	Total Cost	RISE Eligible
DIVISION 1 - GENERAL PROVISIONS AND COVENANTS									
		NOT USED							
DIVISION 2 - EARTHWORK, SUBGRADE, AND SUBBASE									
2.01	2010-108-C-0	CLEARING AND GRUBBING	LS	\$ 20,000.00	1	\$ 10,000	\$ 10,000	\$ 20,000	Y
2.02	2010-108-D-1	TOPSOIL, ON-SITE	CY	\$ 10.00	30000	\$ 150,000	\$ 150,000	\$ 300,000	Y
2.03	2010-108-E-0	EXCAVATION, CLASS 10, CLASS 12, OR CLASS 13	CY	\$ 3.00	200000	\$ 300,000	\$ 300,000	\$ 600,000	Y
2.04	2010-108-G-0	SUBGRADE PREPARATION	SY	\$ 4.00	48100	\$ 96,200	\$ 96,200	\$ 192,400	Y
2.05	2010-108-I-0	SUBBASE, MODIFIED SUBBASE	SY	\$ 10.00	48100	\$ 240,500	\$ 240,500	\$ 481,000	Y
2.06	2010-108-L-0	COMPACTION TESTING	LS	\$ 10,000.00	1	\$ 5,000	\$ 5,000	\$ 10,000	Y
		SUBTOTAL EARTHWORK, SUBGRADE, AND SUBBASE				\$ 801,700	\$ 801,700	\$ 1,603,400	
DIVISION 3 - TRENCH EXCAVATION AND BACKFILL									
		NOT USED							
DIVISION 4 - SEWERS AND DRAINS									
		NOT USED							
DIVISION 5 - WATER MAINS AND APPURTENANCES									
		NOT USED							
DIVISION 6 - STRUCTURES FOR SANITARY AND STORM SEWERS									
		NOT USED							
DIVISION 7 - STREETS AND RELATED WORK									
7.01	7010-108-A-0	PAVEMENT, PCC, 10 IN.	SY	\$ 95.00	37900	\$ 1,800,250	\$ 1,800,250	\$ 3,600,500	Y
7.02	7010-108-I-0	PCC PAVEMENT SAMPLES AND TESTING	LS	\$ 10,000.00	1	\$ 5,000	\$ 5,000	\$ 10,000	Y
7.03	SPECIAL	SHOULDER, PCC, 6 IN.	SY	\$ 60.00	14200	\$ 426,000	\$ 426,000	\$ 852,000	Y
7.04	7020-108-A	PAVEMENT, HMA, 8 IN.	TON	\$ 125.00	3100	\$ 193,750	\$ 193,750	\$ 387,500	Y
7.04	7030-108-H-1	DRIVEWAY, PCC, 6 IN.	SY	\$ 60.00	60	\$ 1,800	\$ 1,800	\$ 3,600	Y
7.05	7030-108-H-2	GRANULAR SURFACING FOR DRIVEWAY	TON	\$ 45.00	400	\$ 9,000	\$ 9,000	\$ 18,000	Y
7.06	7040-108-H-0	PAVEMENT REMOVAL	SY	\$ 15.00	2700	\$ 20,250	\$ 20,250	\$ 40,500	Y
		SUBTOTAL STREETS AND RELATED WORK				\$ 2,456,050	\$ 2,456,050	\$ 4,912,100	
DIVISION 8 - TRAFFIC CONTROL									
8.01	8020-108-B-0	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	\$ 140.00	217	\$ 15,190	\$ 15,190	\$ 30,380	Y
8.02	8020-108-G-0	PAINTED SYMBOLS AND LEGENDS	EA	\$ 200.00	6	\$ 600	\$ 600	\$ 1,200	Y
8.03	8030-108-A-0	TEMPORARY TRAFFIC CONTROL	LS	\$ 5,000.00	1	\$ 2,500	\$ 2,500	\$ 5,000	Y
		SUBTOTAL TRAFFIC CONTROL				\$ 18,290	\$ 18,290	\$ 36,580	
DIVISION 9 - SITE WORK AND LANDSCAPING									
9.01	9010-108-B-0	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	\$ 5,000.00	37	\$ 92,500	\$ 92,500	\$ 185,000	Y
9.02	9040-108-A-1	SWPPP PREPARATION	LS	\$ 5,000.00	1	\$ 2,500	\$ 2,500	\$ 5,000	Y
9.03	9040-108-A-2	SWPPP MANAGEMENT	LS	\$ 5,000.00	1	\$ 2,500	\$ 2,500	\$ 5,000	Y
9.04	9040-108-J-0	RIP RAP, CLASS E REVETMENT	TON	\$ 50.00	400	\$ 10,000	\$ 10,000	\$ 20,000	Y
9.05	9040-108-N-1	SILT FENCE OR SILT FENCE DITCH CHECK	LF	\$ 3.00	20000	\$ 30,000	\$ 30,000	\$ 60,000	Y
9.06	9040-108-N-2	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF SEDIMENT	LF	\$ 0.50	20000	\$ 5,000	\$ 5,000	\$ 10,000	Y
9.07	9040-108-N-3	SILT FENCE OR SILT FENCE DITCH CHECK, REMOVAL OF DEVICE	LF	\$ 0.50	20000	\$ 5,000	\$ 5,000	\$ 10,000	Y
9.08	9040-108-O-2	STABILIZED CONSTRUCTION ENTRANCE	TON	\$ 50.00	100	\$ 2,500	\$ 2,500	\$ 5,000	Y
9.09	9040-108-Q-1	EROSION CONTROL MULCHING, CONVENTIONAL	AC	\$ 1,500.00	37	\$ 27,750	\$ 27,750	\$ 55,500	Y
		SUBTOTAL SITE WORK AND LANDSCAPING				\$ 177,750	\$ 177,750	\$ 355,500	
DIVISION 10 - DEMOLITION									
		NOT USED							
DIVISION 11 - MISCELLANEOUS									
11.01	11010-108-A-0	CONSTRUCTION SURVEY	LS	\$ 30,000.00	1	\$ 15,000	\$ 15,000	\$ 30,000	Y
11.02	11010-108-B-0	MONUMENT PRESERVATION AND REPLACEMENT	LS	\$ 2,500.00	1	\$ 1,250	\$ 1,250	\$ 2,500	Y
11.03	11020-108-A-0	MOBILIZATION	LS	\$ 400,000.00	1	\$ 200,000	\$ 200,000	\$ 400,000	Y
11.04	11050-108-A-0	CONCRETE WASHOUT	LS	\$ 5,000.00	1	\$ 2,500	\$ 2,500	\$ 5,000	Y
11.05	SPECIAL	BOX CULVERT	LS	\$ 700,000.00	1	\$ 350,000	\$ 350,000	\$ 700,000	Y
		SUBTOTAL MISCELLANEOUS				\$ 568,750	\$ 568,750	\$ 1,137,500	
		SUBTOTAL CONSTRUCTION				\$ 4,022,540	\$ 4,022,540	\$ 8,045,080	
1		RIGHT-OF-WAY							
		PERMANENT RIGHT-OF-WAY	AC	\$ 18,000.00	20	\$ 180,000	\$ 180,000	\$ 360,000	Y
		SUBTOTAL RIGHT-OF-WAY				\$ 180,000	\$ 180,000	\$ 360,000	
		RAILROAD							
1	7020-108-E-0	HMA RAILROAD CROSSING APPROACH	SY	\$ 200.00	50	\$ 5,000	\$ 5,000	\$ 10,000	Y
2	SPECIAL	RAILROAD CROSSING	LS	\$ 500,000.00	1	\$ 250,000	\$ 250,000	\$ 500,000	Y
		SUBTOTAL RAILROAD				\$ 255,000	\$ 255,000	\$ 510,000	
		SUBTOTAL CONSTRUCTION, RAILROAD, AND RIGHT OF WAY				\$ 4,457,540	\$ 4,457,540	\$ 8,915,080	
		CONSTRUCTION CONTINGENCY (10%)				\$ 445,754	\$ 445,754	\$ 891,508	Y
		TOTAL CONSTRUCTION				\$ 4,903,294	\$ 4,903,294	\$ 9,806,588	
		ENGINEERING/CONSTRUCTION ADMIN & OBSERVATION							
1		PRELIM DESIGN, FINAL DESIGN, GEOTECHNICAL, ENVIRONMENTAL (7.5%)				\$ 367,747	\$ 367,747	\$ 735,494	Y
2		CONSTRUCTION ADMIN & OBSERVATION (7.5%)				\$ 367,747	\$ 367,747	\$ 735,494	Y
		TOTAL ENGINEERING				\$ 735,494	\$ 735,494	\$ 1,470,988	
		TOTAL US 63 - IA 23 CONNECTOR PROJECT (CONSTRUCTION, ENGINEERING)				\$ 5,638,788	\$ 5,638,788	\$ 11,277,576	