Appendix: H

Replacement Options Estimate March 03, 2023

COUNTY C	DF LANARK		COMPLETED	BY JEWELL ENG	SINEERING INC.									
	Y BRIDGE REPLACEMENT				MARCH 3, 2023									
	ARY CONSTRUCTION COST ESTIMATES													
OPTION 1	- TWO LANE BRIDGE WITH NO PEDESTRIAN CROSSING													
PART A	GENERAL		OPTION 1A - TW	/O LANE NO PED	FSTRIAN	OPTION 1B - TV	VO I ANE NO PEI	DESTRIAN	OPTION 1C - TV	WO LANE NO PED	FSTRIAN	OPTION 1D - TW	O LANE NO PEDEST	RIAN WITH
TANTA	OLIVLIVAL			AND 150' BRIDG		CROSSING, 90'			CROSSING, WI		LOTRIAN		S AND 3 TOTAL ABUT	
ITEM	DESCRIPTION		ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED		AMOUNT	ESTIMATED	ESTIMATED	AMOUNT
No.			PRICE	QUANTITY		PRICE	QUANTITY		PRICE	QUANTITY		PRICE	QUANTITY	
A1	Mobilization / Demobilization	L.S.	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00
A2	Stream Protection	L.S.	\$20,000.00	100.00%	\$20,000.00	\$30,000.00	100.00%	\$30,000.00	\$25,000.00	100.00%	\$25,000.00	\$20,000.00	100.00%	\$20,000.00
A3	Quality Control Testing	L.S.	\$15,000.00	100.00%	\$15,000.00	\$17,500.00	100.00%	\$17,500.00	\$17,500.00	100.00%	\$17,500.00	\$15,000.00	100.00%	\$15,000.00
A4	Traffic Control	L.S.	\$10,000.00	100.00%	\$10,000.00	\$10,000.00	100.00%	\$10,000.00	\$10,000.00	100.00%	\$10,000.00	\$10,000.00	100.00%	\$10,000.00
A5	Utility Pole Relocation	L.S.	\$60,000.00	100.00%	\$60,000.00	\$60,000.00	100.00%	\$60,000.00	\$60,000.00	100.00%	\$60,000.00	\$60,000.00	100.00%	\$60,000.00
A6	Contingency Allowance (Provisional)	L.S.	\$150,000.00	100.00% 3-TOTAL PART A	\$150,000.00 \$405.000.00	\$150,000.00	100.00% B-TOTAL PART A	\$150,000.00 \$417,500.00	\$150,000.00	100.00% B-TOTAL PART A	\$150,000.00 \$412.500.00	\$150,000.00	100.00% SUB-TOTAL PART A	\$150,000.00 \$405,000.00
			301	- TOTAL PARTA	\$405,000.00	300	-TOTAL PARTA	φ417,300.00	301	B-IOIAL PARTA	φ412,300.00		SUB-TUTAL PART A	\$403,000.00
PART B	ROADWORKS													
ITEM	DESCRIPTION	UNITS		ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT
No.			PRICE	QUANTITY	A 16	PRICE	QUANTITY	A 40	PRICE	QUANTITY	A16.55	PRICE	QUANTITY	410.555
B1	Site Preparation	L.S.	\$10,000.00	100.00%	\$10,000.00	\$10,000.00	100.00%	\$10,000.00	\$10,000.00	100.00%	\$10,000.00	\$10,000.00	100.00%	\$10,000.00
B2 B3	Granular "A" (Roadway) Granular "B" Type II (Roadway)	tonnes	\$50.00 \$35.00	100.00 300.00	\$5,000.00 \$10,500.00	\$50.00 \$35.00	100.00 300.00	\$5,000.00 \$10,500.00	\$50.00 \$35.00	100.00 300.00	\$5,000.00 \$10,500.00	\$50.00 \$35.00	50.00 150.00	\$2,500.00 \$5,250.00
						· ·						<u> </u>		
B4 B7	Earth Excavation and Disposal of Non Hazardous Waste Single Rail Steel Beam Guide Rail with Channel	m ³	\$60.00 \$325.00	200.00 150.00	\$12,000.00 \$48,750.00	\$60.00 \$325.00	200.00 130.00	\$12,000.00 \$42,250.00	\$60.00 \$325.00	200.00 170.00	\$12,000.00 \$55,250.00	\$60.00 \$325.00	200.00 80.00	\$12,000.00 \$26,000.00
B8	Steel Beam Guide Rail Structure Connection	ea	\$3,500.00	8.00	\$28,000.00	\$3,500.00	8.00	\$28,000.00	\$3,500.00	12.00	\$42,000.00	\$3,500.00	8.00	\$28,000.00
B9	Extruder End Treatments	ea	\$12,000.00	4.00	\$48,000.00	\$12,000.00	4.00	\$48,000.00	\$12,000.00	4.00	\$48,000.00	\$12,000.00	4.00	\$48,000.00
B10	Granular Sealing	m2	\$40.00	200.00	\$8,000.00	\$40.00	175.00	\$7,000.00	\$40.00	225.00	\$9,000.00	\$40.00	100.00	\$4,000.00
B11	Small Signs, Ground Mounted	ea.	\$800.00	6.00	\$4,800.00	\$800.00	6.00	\$4,800.00	\$800.00	6.00	\$4,800.00	\$800.00	6.00	\$4,800.00
B12	Rock Protection	m ²	\$60.00	300.00	\$18,000.00	\$60.00	300.00	\$18,000.00	\$60.00	300.00	\$18,000.00	\$60.00	300.00	\$18,000.00
B13	Topsoil (Imported)	m ³	\$100.00	70.00	\$7,000.00	\$100.00	70.00	\$7,000.00	\$100.00	70.00	\$7,000.00	\$100.00	70.00	\$7,000.00
B14	Seed and Erosion Control Blanket	m ²	\$10.00	700.00	\$7,000.00	\$10.00	700.00	\$7,000.00	\$10.00	700.00	\$7,000.00	\$10.00	700.00	\$7,000.00
B15	Removal of Asphalt Pavement - Full Depth	m ²	\$8.00	350.00	\$2,800.00	\$8.00	350.00	\$2,800.00	\$8.00	350.00	\$2,800.00	\$8.00	350.00	\$2,800.00
B16	Hot Mix Asphalt - HL3 Surface Course	tonnes	\$350.00	120.00	\$42,000.00	\$350.00	120.00	\$42,000.00	\$350.00	120.00	\$42,000.00	\$350.00	120.00	\$42,000.00
B17	Hot Mix Asphalt - HL8 Base Course	tonnes	\$250.00	150.00	\$37,500.00	\$250.00	150.00	\$37,500.00	\$250.00	150.00	\$37,500.00	\$250.00	150.00	\$37,500.00
B18	Pavement Marking Allowance	ea.	\$5,000.00	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00
			SUE	3-TOTAL PART B	\$294,350.00	SUE	3-TOTAL PART B	\$286,850.00	SUI	B-TOTAL PART B	\$315,850.00		SUB-TOTAL PART B	\$259,850.00
PART C	STRUCTURE WORKS													
ITEM	DESCRIPTION	UNITS	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT
No.	DESCRIPTION	UNITS	PRICE	QUANTITY	AMOUNT	PRICE	QUANTITY	AMOUNT	PRICE	QUANTITY	AMOUNT	PRICE	QUANTITY	AMOUNT
C1	Removal of Existing Bridge Structure	L.S.	\$200,000.00	1.00	\$200.000.00	\$200,000.00	1.00	\$200,000.00	\$200,000.00	1.00	\$200.000.00	\$200,000.00	1.00	\$200,000.00
C2	Concrete Removal - Full Depth	L.S.	\$50,000.00	1.00	\$50,000.00	\$50,000.00	1.00	\$50,000.00	\$50,000.00	1.00	\$50.000.00	\$50,000.00	1.00	\$50,000.00
C3	Earth Excavation for Structure and Disposal of Non-Haz Waste	m ³	\$60.00	400.00	\$24,000.00	\$60.00	400.00	\$24,000.00	\$60.00	600.00	\$36,000.00	\$60.00	400.00	\$24,000.00
C4	Rock Excavation for Structure	m ³	\$200.00	100.00	\$20,000.00	\$200.00	140.00	\$28,000.00	\$200.00	150.00	\$30,000.00	\$200.00	85.00	\$17,000.00
C5	Dewatering Strucutre Excavations	L.S.	\$50,000.00	100.00%	\$50,000.00	\$100,000.00	100.00%	\$100,000.00	\$75,000.00	100.00%	\$75,000.00	\$50,000.00	100.00%	\$50,000.00
C6	Granular Backfill to Structure	L.S.	\$80,000.00	100.00%	\$80,000.00	\$80,000.00	100.00%	\$80,000.00	\$100,000.00	100.00%	\$100,000.00	\$80,000.00	100.00%	\$80,000.00
C7	Mass Concrete (Provisional)	m ³	\$600.00	20.00	\$12,000.00	\$600.00	20.00	\$12,000.00	\$600.00	30.00	\$18,000.00	\$600.00	15.00	\$9,000.00
C8	Concrete in Footings	m ³	\$1,200.00	120.00	\$144,000.00	\$1,200.00	150.00	\$180,000.00	\$1,200.00	170.00	\$204,000.00	\$1,200.00	105.00	\$126,000.00
C9	Concrete in Substructure	L.S.	\$400,000.00	100.00%	\$400,000.00	\$450,000.00	100.00%	\$450,000.00	\$530,000.00	100.00%	\$530,000.00	\$340,000.00	100.00%	\$340,000.00
C10	Concrete in Structure	L.S.	\$110,000.00	100.00%	\$110,000.00	\$130,000.00	100.00%	\$130,000.00	\$165,000.00	100.00%	\$165,000.00	\$100,000.00	100.00%	\$100,000.00
C11	Reinforcing Steel Bar	L.S.	\$75,000.00	100.00%	\$75,000.00	\$85,000.00	100.00%	\$85,000.00	\$105,000.00	100.00%	\$105,000.00	\$70,000.00	100.00%	\$70,000.00
C12	Reinforcing Stainless Steel Bar	L.S.	\$80,000.00	100.00%	\$80,000.00	\$90,000.00	100.00%	\$90,000.00	\$120,000.00	100.00%	\$120,000.00	\$75,000.00	100.00%	\$75,000.00
C13	Fabrication of Pre-Engineered Steel Truss with Steel Deck	L.S.	\$1,425,000.00	100.00%	\$1,425,000.00	\$1,600,000.00	100.00%	\$1,600,000.00	\$1,225,000.00	100.00%	\$1,225,000.00	\$2,200,000.00		\$2,200,000.00
C14 C15	Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck	L.S.	\$25,000.00 \$100,000.00	100.00% 100.00%	\$25,000.00 \$100,000.00	\$25,000.00 \$100,000.00	100.00% 100.00%	\$25,000.00 \$100,000.00	\$25,000.00 \$120,000.00	100.00% 100.00%	\$25,000.00 \$120,000.00	\$25,000.00 \$100,000.00	100.00% 100.00%	\$25,000.00 \$100,000.00
C16	Supply & Installation of Box Beam Railing	m.	\$1,000.00	150.00%	\$100,000.00	\$1,000.00	170.00%	\$170,000.00	\$1,000.00	135.00	\$120,000.00	\$1,000.00	190.00%	\$100,000.00
C17	Steel Bridge Deck Waterproofing	L.S.	\$25,000.00	100.00%	\$25,000.00	\$27,500.00	100.00%	\$27,500.00	\$22,500.00	100.00%	\$22,500.00	\$30,000.00	100.00%	\$30,000.00
C18	Pipe Subdrain	m	\$80.00	40.00	\$3,200.00	\$80.00	40.00	\$3,200.00	\$80.00	60.00	\$4,800.00	\$80.00	40.00	\$3,200.00
	,		'	B-TOTAL PART C			3-TOTAL PART C		'	B-TOTAL PART C			SUB-TOTAL PART C	3,689,200.00
					•						·			
			SUB-TOT	AL PART A+B+C	\$3,672,550.00	SUB-TOT	AL PART A+B+C	\$4,059,050.00	SUB-TO	TAL PART A+B+C	\$3,893,650.00	SUB-	TOTAL PART A+B+C	\$4,354,050.00

COUNTY	DF LANARK		COMPLETED	BY JEWELL ENG	GINEERING INC.									
	/ BRIDGE REPLACEMENT				MARCH 3, 2023									
	ARY CONSTRUCTION COST ESTIMATES													
OPTION 2	- TWO LANE BRIDGE WITH PEDESTRIAN CROSSING													
PART A	GENERAL		OPTION 2A - TV	O LANE with PE	DESTRIAN	OPTION 2B - TW	O LANE with PE	EDESTRIAN	OPTION 2C - TV	VO LANE with PE	DESTRIAN	OPTION 2D - TW	O LANE with PEDEST	RIAN
174(17)	CEITEIVE			AND 150' BRIDG		CROSSING, 90'				THREE BRIDGE			RGER SPANS AND 3 A	
ITEM	DESCRIPTION	UNITS	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT
No.			PRICE	QUANTITY		PRICE	QUANTITY		PRICE	QUANTITY		PRICE	QUANTITY	
A1	Mobilization / Demobilization	L.S.	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00
A2	Stream Protection	L.S.	\$20,000.00	100.00%	\$20,000.00	\$30,000.00	100.00%	\$30,000.00	\$25,000.00	100.00%	\$25,000.00	\$20,000.00	100.00%	\$20,000.00
A3	Quality Control Testing Traffic Control	L.S.	\$15,000.00	100.00%	\$15,000.00	\$17,500.00	100.00%	\$17,500.00	\$17,500.00	100.00%	\$17,500.00	\$15,000.00	100.00%	\$15,000.00
A4 A5	Utility Pole Relocation Allowance	L.S.	\$10,000.00 \$60,000.00	100.00% 100.00%	\$10,000.00 \$60,000.00	\$10,000.00 \$60,000.00	100.00% 100.00%	\$10,000.00 \$60,000.00	\$10,000.00 \$60,000.00	100.00% 100.00%	\$10,000.00 \$60,000.00	\$10,000.00 \$60,000.00	100.00% 100.00%	\$10,000.00 \$60,000.00
A6	Contingency Allowance (Provisional)	L.S.	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00
7.0	Contingency Allowance (Frovisional)	L.O.		B-TOTAL PART A		. ,	B-TOTAL PART A			B-TOTAL PART A	\$412.500.00	· ,	SUB-TOTAL PART A	\$405,000.00
					+ 100,000			V ,			+ ,			+ 111
PART B	ROADWORKS													
ITEM	DESCRIPTION	UNITS	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT
No.			PRICE	QUANTITY		PRICE	QUANTITY		PRICE	QUANTITY		PRICE	QUANTITY	
B1	Site Preparation	L.S.	\$15,000.00	100.00%	\$15,000.00	\$15,000.00	100.00%	\$15,000.00	\$15,000.00	100.00%	\$15,000.00	\$15,000.00	100.00%	\$15,000.00
B2	Granular "A" (Roadway and Walkway)	tonnes	\$50.00	200.00	\$10,000.00	\$50.00	200.00	\$10,000.00	\$50.00	200.00	\$10,000.00	\$50.00	100.00	\$5,000.00
В3	Granular "B" Type II (Roadway and Walkway)	tonnes	\$35.00	600.00	\$21,000.00	\$35.00	600.00	\$21,000.00	\$35.00	600.00	\$21,000.00	\$35.00	600.00	\$21,000.00
B4	Earth Excavation and Disposal of Non Hazardous Waste	m ³	\$60.00	250.00	\$15,000.00	\$60.00	250.00	\$15,000.00	\$60.00	250.00	\$15,000.00	\$60.00	250.00	\$15,000.00
B7	Single Rail Steel Beam Guide Rail with Channel	m	\$325.00	150.00	\$48,750.00	\$325.00	130.00	\$42,250.00	\$325.00	170.00	\$55,250.00	\$325.00	80.00	\$26,000.00
B8	Steel Beam Guide Rail Structure Connection	ea	\$3,500.00	8.00	\$28,000.00	\$3,500.00	8.00	\$28,000.00	\$3,500.00	12.00	\$42,000.00	\$3,500.00	8.00	\$28,000.00
B9 B10	Extruder End Treatments	ea m2	\$12,000.00 \$40.00	4.00 200.00	\$48,000.00 \$8,000.00	\$12,000.00 \$40.00	4.00 175.00	\$48,000.00	\$12,000.00 \$40.00	4.00 225.00	\$48,000.00 \$9,000.00	\$12,000.00 \$40.00	4.00 100.00	\$48,000.00 \$4,000.00
B11	Granular Sealing Small Signs, Ground Mounted	ea.	\$800.00	6.00	\$4,800.00	\$800.00	6.00	\$7,000.00 \$4,800.00	\$800.00	6.00	\$4,800.00	\$800.00	6.00	\$4,800.00
B12	Rock Protection	m ²	\$60.00	300.00	\$18,000.00	\$60.00	300.00	\$18,000.00	\$60.00	300.00	\$18,000.00	\$60.00	300.00	\$18,000.00
B13	Topsoil (Imported)	m ³	\$100.00	70.00	\$7,000.00	\$100.00	70.00	\$7,000.00	\$100.00	70.00	\$7,000.00	\$100.00	70.00	\$7,000.00
B13	Seed and Erosion Control Blanket	m ²	\$100.00	70.00	\$7,000.00	\$100.00	70.00	\$7,000.00	\$10.00	70.00	\$7,000.00	\$10.00	700.00	\$7,000.00
		m ²	\$8.00		\$2,800.00	\$8.00	350.00		\$8.00	350.00	\$2,800.00	\$8.00	350.00	\$2,800.00
B15 B16	Removal of Asphalt Pavement - Full Depth Hot Mix Asphalt - HL3 Surface Course	tonnes	\$350.00	350.00 120.00	\$2,800.00	\$350.00	120.00	\$2,800.00 \$42,000.00	\$350.00	120.00	\$2,800.00	\$350.00	120.00	\$42,000.00
B17	Hot Mix Asphalt - HL8 Base Course	tonnes	\$250.00	150.00	\$37,500.00	\$250.00	150.00	\$37,500.00	\$250.00	150.00	\$37,500.00	\$250.00	150.00	\$37,500.00
B18	Pavement Marking Allowance	ea.	\$5,000.00	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00
			' '	3-TOTAL PART B			3-TOTAL PART B			B-TOTAL PART B	\$339,350.00		SUB-TOTAL PART B	\$286,100.00
PART C	STRUCTURE WORKS				, ,									· ,
ITEM	DESCRIPTION	UNITS		ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT
No.	D 1 (5) # D 1 0 ()		PRICE	QUANTITY	****	PRICE	QUANTITY	****	PRICE	QUANTITY	****	PRICE	QUANTITY	4000 000 00
C1 C2	Removal of Existing Bridge Structure Concrete Removal - Full Depth	L.S.	\$200,000.00	1.00 1.00	\$200,000.00 \$50,000.00	\$200,000.00 \$50,000.00	1.00 1.00	\$200,000.00 \$50,000.00	\$200,000.00	1.00 1.00	\$200,000.00 \$50.000.00	\$200,000.00 \$50,000.00	1.00	\$200,000.00
		_	\$50,000.00			· · · · · ·		· ' '	\$50,000.00		\$39,000.00			\$50,000.00
C3	Earth Excavation for Structure and Disposal of Non-Haz Waste	m ³	\$60.00	450.00	\$27,000.00	\$60.00	450.00	\$27,000.00	\$60.00 \$200.00	650.00		\$60.00	400.00	\$24,000.00
C4 C5	Rock Excavation for Structure Dewatering Strucutre Excavations	m³ L.S.	\$200.00 \$50,000.00	110.00 100.00%	\$22,000.00 \$50,000.00	\$200.00 \$100,000.00	150.00 100.00%	\$30,000.00 \$100,000.00	\$75,000.00	160.00 100.00%	\$32,000.00 \$75,000.00	\$200.00 \$50,000.00	100.00 100.00%	\$20,000.00 \$50,000.00
C6	Granular Backfill to Structure	L.S.	\$90,000.00	100.00%	\$90,000.00	\$90,000.00	100.00%	\$90,000.00	\$105,000.00	100.00%	\$105,000.00	\$90,000.00	100.00%	\$90,000.00
C7	Mass Concrete (Provisional)	m ³	\$600.00	22.00	\$13,200.00	\$600.00	22.00	\$13,200.00	\$600.00	30.00	\$18,000.00	\$600.00	20.00	\$12,000.00
C8	Concrete in Footings	m ³	\$1,200.00	130.00	\$156,000.00	\$1,200.00	160.00	\$192,000.00	\$1,200.00	180.00	\$16,000.00	\$1,200.00	120.00	\$12,000.00
C9	Concrete in Protings Concrete in Substructure	L.S.	\$425,000.00	100.00%	\$425,000.00	\$485,000.00	100.00%	\$485,000.00	\$570,000.00	100.00%	\$570,000.00	\$350,000.00	100.00%	\$350,000.00
C10	Concrete in Structure	L.S.	\$115,000.00	100.00%	\$115,000.00	\$140,000.00	100.00%	\$140,000.00	\$165,000.00	100.00%	\$165,000.00	\$100,000.00	100.00%	\$100,000.00
C11	Reinforcing Steel Bar	L.S.	\$85,000.00	100.00%	\$85,000.00	\$100,000.00	100.00%	\$100,000.00	\$105,000.00	100.00%	\$105,000.00	\$80,000.00	100.00%	\$80,000.00
C12	Reinforcing Stainless Steel Bar	L.S.	\$90,000.00	100.00%	\$90,000.00	\$105,000.00	100.00%	\$105,000.00	\$120,000.00	100.00%	\$120,000.00	\$85,000.00	100.00%	\$85,000.00
C13	Fabrication of Pre-Engineered Steel Truss with Steel Deck	L.S.	\$1,700,000.00	100.00%	\$1,700,000.00	\$1,800,000.00	100.00%	\$1,800,000.00		100.00%	\$1,400,000.00	\$2,400,000.00		\$2,400,000.00
C14	Delivery of Pre-Engineered Steel Truss With Deck	L.S.	\$25,000.00	100.00%	\$25,000.00	\$25,000.00	100.00%	\$25,000.00	\$25,000.00	100.00%	\$25,000.00	\$25,000.00	100.00%	\$25,000.00
C15	Erection of Structural Steel With Deck	L.S.	\$125,000.00	100.00%	\$125,000.00	\$125,000.00	100.00%	\$125,000.00	\$150,000.00	100.00%	\$150,000.00	\$125,000.00	100.00%	\$125,000.00
C16 C17	Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing	m	\$1,000.00	150.00	\$150,000.00	\$1,000.00	170.00	\$170,000.00	\$1,000.00	135.00	\$135,000.00	\$1,000.00	190.00	\$190,000.00
C17	Pipe Subdrain	L.S.	\$25,000.00 \$80.00	100.00% 40.00	\$25,000.00 \$3,200.00	\$27,500.00 \$80.00	100.00% 40.00	\$27,500.00 \$3,200.00	\$22,500.00 \$80.00	100.00% 60.00	\$22,500.00 \$4,800.00	\$30,000.00 \$80.00	100.00% 40.00	\$30,000.00 \$3,200.00
010	Fipe Subulaili	111		B-TOTAL PART C			1 40.00 B-TOTAL PART C			B-TOTAL PART C			SUB-TOTAL PART C	3,978,200.00
			302		\$5,55 ., 100.00	1		2,232,000.00	1		+5, .52,555.00			=,=:===================================
			SUB-TOT	AL PART A+B+C	\$4,074,250.00	SUB-TOT	AL PART A+B+C	\$4,410,750.00	SUB-TO	AL PART A+B+C	\$4,184,150.00	SUB-	TOTAL PART A+B+C	\$4,669,300.00

BI VKEVIEV	OF LANARK		COMPLETED	BY JEWELL ENG			O A A A A A A A A A A A A A A A A A A A							
	Y BRIDGE REPLACEMENT				MARCH 3, 2023									
	ARY CONSTRUCTION COST ESTIMATES	OD FUTUE	DE CANTILEVEDI											
DP HON 3	- SINGLE LANE 7.3M WIDE BRIDGE WITH ACCOMODATION F	OK FUTUR	E CANTILEVERE	ED WALKWAT										
PART A	GENERAL		OPTION 3A - SI	NGLE LANE WITH	H WALK	OPTION 3B - SII	NGLE LANE WIT	H WALK	OPTION 3C - SI	NGLE LANE with	WALK	OPTION 3D - SIN	GLE LANE, LARGES	T BRIDGES AND
			DELINEATION C				AND ADDITIONAL		DELINEATION,			3 TOTAL ABUTM		
ITEM	DESCRIPTION	UNITS		ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT
No. A1	Mobilization / Demobilization	L.S.	PRICE \$150,000.00	QUANTITY 100.00%	\$150,000.00	PRICE \$150,000.00	QUANTITY 100.00%	\$150,000.00	PRICE \$150,000.00	QUANTITY 100.00%	\$150,000.00	PRICE \$150,000.00	QUANTITY 100.00%	\$150,000.00
A2	Stream Protection	L.S.	\$20,000.00	100.00%	\$20,000.00	\$30,000.00	100.00%	\$30,000.00	\$30,000.00	100.00%	\$25,000.00	\$20,000.00	100.00%	\$20,000.00
A3	Quality Control Testing	L.S.	\$15,000.00	100.00%	\$15,000.00	\$17,500.00	100.00%	\$17,500.00	\$17,500.00	100.00%	\$17,500.00	\$15,000.00	100.00%	\$15,000.00
A4	Traffic Control	L.S.	\$10,000.00	100.00%	\$10,000.00	\$10,000.00	100.00%	\$10,000.00	\$10,000.00	100.00%	\$10,000.00	\$10,000.00	100.00%	\$10,000.00
A5	Contingency Allowance (Provisional)	L.S.	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00	\$150,000.00	100.00%	\$150,000.00
			SUE	3-TOTAL PART A	\$345,000.00	SUE	3-TOTAL PART A	\$357,500.00	SUE	3-TOTAL PART A	\$352,500.00		SUB-TOTAL PART A	\$345,000.00
PART B	ROADWORKS													
				5 A			5 0 1 0 1 0 1 0 1 0 1 0 1							
ITEM	DESCRIPTION	UNITS	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT
No.			PRICE	QUANTITY		PRICE	QUANTITY		PRICE	QUANTITY		PRICE	QUANTITY	
B1	Site Preparation	L.S.	\$15,000.00	100.00%	\$15,000.00	\$15,000.00	100.00%	\$15,000.00	\$15,000.00	100.00%	\$15,000.00	\$15,000.00	100.00%	\$15,000.00
B2 B3	Granular "A" (Roadway and Walkway) Granular "B" Type II (Roadway and Walkway)	tonnes	\$50.00 \$35.00	100.00 300.00	\$5,000.00 \$10,500.00	\$50.00 \$35.00	100.00 300.00	\$5,000.00 \$10,500.00	\$50.00 \$35.00	100.00 300.00	\$5,000.00 \$10,500.00	\$50.00 \$35.00	50.00 150.00	\$2,500.00 \$5,250.00
B4	Earth Excavation and Disposal of Non Hazardous Waste	m ³	\$60.00	250.00	\$15,000.00	\$60.00	250.00	\$15,000.00	\$60.00	250.00	\$15,000.00	\$60.00	250.00	\$15,000.00
B7	Single Rail Steel Beam Guide Rail with Channel	m	\$325.00	150.00	\$48,750.00	\$325.00	130.00	\$42,250.00	\$325.00	170.00	\$15,000.00	\$325.00	80.00	\$26,000.00
B8	Steel Beam Guide Rail Structure Connection	ea	\$3,500.00	8.00	\$28,000.00	\$3,500.00	8.00	\$28,000.00	\$3,500.00	12.00	\$42,000.00	\$3,500.00	8.00	\$28,000.00
B9	Extruder End Treatments	ea	\$12,000.00	4.00	\$48,000.00	\$12,000.00	4.00	\$48,000.00	\$12,000.00	4.00	\$48,000.00	\$12,000.00	4.00	\$48,000.00
B10	Granular Sealing	m2	\$40.00	200.00	\$8,000.00	\$40.00	175.00	\$7,000.00	\$40.00	225.00	\$9,000.00	\$40.00	100.00	\$4,000.00
B11	Small Signs, Ground Mounted	ea.	\$800.00	6.00	\$4,800.00	\$800.00	6.00	\$4,800.00	\$800.00	6.00	\$4,800.00	\$800.00	6.00	\$4,800.00
B12	Rock Protection	m ²	\$60.00	300.00	\$18,000.00	\$60.00	300.00	\$18,000.00	\$60.00	300.00	\$18,000.00	\$60.00	300.00	\$18,000.00
B13	Topsoil (Imported)	m ³	\$100.00	70.00	\$7,000.00	\$100.00	70.00	\$7,000.00	\$100.00	70.00	\$7,000.00	\$100.00	70.00	\$7,000.00
B14	Seed and Erosion Control Blanket	m ²	\$10.00	700.00	\$7,000.00	\$10.00	700.00	\$7,000.00	\$10.00	700.00	\$7,000.00	\$10.00	700.00	\$7,000.00
B15	Removal of Asphalt Pavement - Full Depth	m ²	\$8.00	350.00	\$2,800.00	\$8.00	350.00	\$2,800.00	\$8.00	350.00	\$2,800.00	\$8.00	350.00	\$2,800.00
B16	Hot Mix Asphalt - HL3 Surface Course	tonnes	\$350.00	120.00	\$42,000.00	\$350.00	120.00	\$42,000.00	\$350.00	120.00	\$42,000.00	\$350.00	120.00	\$42,000.00
B17 B18	Hot Mix Asphalt - HL8 Base Course Pavement Marking Allowance	tonnes ea.	\$250.00 \$10,000.00	150.00 1.00	\$37,500.00 \$10,000.00	\$250.00 \$10,000.00	150.00 1.00	\$37,500.00 \$10,000.00	\$250.00 \$10,000.00	150.00 1.00	\$37,500.00 \$10,000.00	\$250.00 \$10,000.00	150.00 1.00	\$37,500.00 \$10,000.00
DIO	Favernerit Marking Allowance	ea.		B-TOTAL PART B			B-TOTAL PART B			B-TOTAL PART B			SUB-TOTAL PART B	\$272,850.00
PART C	STRUCTURE WORKS				4001 ,000.00			\$200,000.00			4020,000.00			4272,000.00
ITEM	DESCRIPTION	UNITS		ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT	ESTIMATED	ESTIMATED	AMOUNT
No.			PRICE	QUANTITY	*****	PRICE	QUANTITY	*****	PRICE	QUANTITY		PRICE	QUANTITY	
C1 C2	Removal of Existing Bridge Structure Concrete Removal - Full Depth	L.S. L.S.	\$200,000.00 \$50,000.00	1.00 1.00	\$200,000.00 \$50,000.00	\$200,000.00 \$50,000.00	1.00 1.00	\$200,000.00 \$50,000.00	\$200,000.00 \$50,000.00	1.00 1.00	\$200,000.00 \$50,000.00	\$200,000.00 \$50,000.00	1.00 1.00	\$200,000.00 \$50,000.00
C3	Earth Excavation for Structure and Disposal of Non-Haz Waste		\$60.00	450.00	\$27,000.00	\$60.00	450.00	\$27,000.00	\$60.00	650.00	\$39,000.00	\$60.00	400.00	\$24,000.00
C4	Rock Excavation for Structure	m ³	\$200.00	110.00	\$22,000.00	\$200.00	150.00	\$30,000.00	\$200.00	160.00	\$39,000.00	\$200.00	100.00	\$20,000.00
C5	Dewatering Strucutre Excavations	L.S.	\$50,000.00	100.00%	\$50,000.00	\$100,000.00	100.00%	\$100,000.00	\$75,000.00	100.00%	\$75,000.00	\$50,000.00	100.00%	\$50,000.00
	Granular Backfill to Structure							\$90,000.00	\$105,000.00	100.00%	\$105,000.00	\$90,000.00	100.00%	\$90,000.00
C6	Granulai backilli to Structure	L.S.	\$90,000.00	100.00%	\$90,000.00	\$90,000.00	100.00%	ψου,ουυ.ου	Ψ100,000.00	100.0070			100.0070	
C6 C7	Mass Concrete (Provisional)	L.S.	\$90,000.00 \$600.00	100.00% 22.00	\$90,000.00	\$90,000.00	22.00		\$600.00	30.00	\$18,000.00	\$600.00	20.00	\$12,000.00
								\$13,200.00 \$192,000.00			\$18,000.00 \$216,000.00			
C7	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure	m³ m³ L.S.	\$600.00	22.00	\$13,200.00	\$600.00	22.00	\$13,200.00	\$600.00	30.00	ļi	\$600.00	20.00	\$12,000.00
C7 C8 C9 C10	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure	m ³ m ³ L.S. L.S.	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00	22.00 130.00 100.00% 100.00%	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00	22.00 160.00 100.00% 100.00%	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00	30.00 180.00 100.00% 100.00%	\$216,000.00 \$570,000.00 \$165,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00	20.00 120.00 100.00% 100.00%	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00
C7 C8 C9 C10 C11	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar	m ³ m ³ L.S. L.S. L.S.	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00	22.00 130.00 100.00% 100.00% 100.00%	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00	22.00 160.00 100.00% 100.00% 100.00%	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00	30.00 180.00 100.00% 100.00% 100.00%	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00	20.00 120.00 100.00% 100.00% 100.00%	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00
C7 C8 C9 C10 C11 C12	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar	m ³	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00%	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00	22.00 160.00 100.00% 100.00% 100.00%	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00	30.00 180.00 100.00% 100.00% 100.00%	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00%	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00
C7 C8 C9 C10 C11 C12 C13	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck	m ³ m ³ L.S. L.S. L.S. L.S. L.S.	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00%	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00	22.00 160.00 100.00% 100.00% 100.00% 100.00%	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00	30.00 180.00 100.00% 100.00% 100.00% 100.00%	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00%	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00
C7 C8 C9 C10 C11 C12 C13 C14	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck	m ³ m ³ L.S. L.S. L.S. L.S. L.S. L.S. L.S.	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00%	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$25,000.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00%	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$25,000.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00%	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00%	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$25,000.00
C7 C8 C9 C10 C11 C12 C13	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck	m ³ m ³ L.S. L.S. L.S. L.S. L.S.	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00%	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00	22.00 160.00 100.00% 100.00% 100.00% 100.00%	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00	30.00 180.00 100.00% 100.00% 100.00% 100.00%	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00%	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00
C7 C8 C9 C10 C11 C12 C13 C14 C15	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck	m³ m³ L.S. L.S. L.S. L.S. L.S. L.S. L.S. L.S	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$125,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$125,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$25,000.00 \$125,000.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$25,000.00 \$125,000.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$150,000.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$150,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$25,000.00 \$125,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$25,000.00 \$125,000.00
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing	m³ m³ L.S. L.S. L.S. L.S. L.S. L.S. L.S. M	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$1,000.00 \$25,000.00 \$25,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 150.00 100.00% 40.00	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$150,000.00 \$25,000.00 \$3,200.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$25,000.00 \$125,000.00 \$1,000.00 \$27,500.00 \$80.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 100.00% 40.00	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$25,000.00 \$125,000.00 \$170,000.00 \$27,500.00 \$3,200.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$25,000.00 \$150,000.00 \$1,300,000.00 \$25,000.00 \$1,000.00 \$1,000.00 \$22,500.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 135.00 100.00% 60.00	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$150,000.00 \$150,000.00 \$135,000.00 \$22,500.00 \$4,800.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$25,000.00 \$125,000.00 \$1,000.00 \$30,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 190.00 40.00	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$25,000.00 \$125,000.00 \$190,000.00 \$30,000.00
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing	m³ m³ L.S. L.S. L.S. L.S. L.S. m	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$1,000.00 \$25,000.00 \$25,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 150.00 100.00%	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$150,000.00 \$25,000.00 \$3,200.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$25,000.00 \$125,000.00 \$1,000.00 \$27,500.00 \$80.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 170.00 100.00%	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$25,000.00 \$125,000.00 \$170,000.00 \$27,500.00 \$3,200.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$25,000.00 \$150,000.00 \$1,300,000.00 \$25,000.00 \$1,000.00 \$1,000.00 \$22,500.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 135.00 100.00%	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$150,000.00 \$150,000.00 \$135,000.00 \$22,500.00 \$4,800.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$25,000.00 \$125,000.00 \$1,000.00 \$30,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 190.00	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$25,000.00 \$125,000.00 \$190,000.00 \$30,000.00
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing Pipe Subdrain	m³ m³ L.S. L.S. L.S. L.S. L.S. m	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$1,000.00 \$25,000.00 \$25,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 150.00 100.00% 40.00	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$150,000.00 \$25,000.00 \$3,200.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$25,000.00 \$125,000.00 \$1,000.00 \$27,500.00 \$80.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 100.00% 40.00	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$25,000.00 \$125,000.00 \$170,000.00 \$27,500.00 \$3,200.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$25,000.00 \$150,000.00 \$1,300,000.00 \$25,000.00 \$1,000.00 \$1,000.00 \$22,500.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 135.00 100.00% 60.00	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$150,000.00 \$150,000.00 \$135,000.00 \$22,500.00 \$4,800.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$25,000.00 \$125,000.00 \$1,000.00 \$30,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 190.00 40.00	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$25,000.00 \$125,000.00 \$190,000.00 \$30,000.00
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing	m³ m³ L.S. L.S. L.S. L.S. L.S. m	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$1,000.00 \$25,000.00 \$25,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 150.00 100.00% 40.00	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$150,000.00 \$25,000.00 \$3,200.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$25,000.00 \$125,000.00 \$1,000.00 \$27,500.00 \$80.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 100.00% 40.00	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$25,000.00 \$125,000.00 \$170,000.00 \$27,500.00 \$3,200.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$25,000.00 \$150,000.00 \$1,300,000.00 \$25,000.00 \$1,000.00 \$1,000.00 \$22,500.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 135.00 100.00% 60.00	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$150,000.00 \$150,000.00 \$135,000.00 \$22,500.00 \$4,800.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$25,000.00 \$125,000.00 \$1,000.00 \$30,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 190.00 40.00	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$25,000.00 \$125,000.00 \$190,000.00 \$30,000.00
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing Pipe Subdrain	m³ m³ L.S. L.S. L.S. L.S. L.S. m	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$1,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$80.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 150.00 100.00% 40.00	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$150,000.00 \$25,000.00 \$3,200.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$25,000.00 \$125,000.00 \$1,000.00 \$27,500.00 \$80.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 100.00% 40.00	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$25,000.00 \$125,000.00 \$170,000.00 \$27,500.00 \$3,200.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$25,000.00 \$150,000.00 \$1,300,000.00 \$25,000.00 \$1,000.00 \$1,000.00 \$22,500.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 135.00 100.00% 60.00	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$150,000.00 \$150,000.00 \$135,000.00 \$22,500.00 \$4,800.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$25,000.00 \$125,000.00 \$1,000.00 \$30,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 190.00 40.00	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$25,000.00 \$125,000.00 \$190,000.00 \$30,000.00
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing Pipe Subdrain ELECTRICAL AND SIGNALS	m³ m³ L.S. L.S. L.S. L.S. L.S. L.S. L.S. M L.S. m	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$1,000.00 \$25,000.00 \$25,000.00 \$25,000.00 \$80.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 150.00 100.00% 40.00 3-TOTAL PART C	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$150,000.00 \$25,000.00 \$3,200.00 \$3,236,400.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$25,000.00 \$1,000.00 \$27,500.00 \$80.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 100.00% 40.00 3-TOTAL PART C	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$105,000.00 \$1,700,000.00 \$25,000.00 \$170,000.00 \$27,500.00 \$3,200.00 3,582,900.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$1,000.00 \$22,500.00 \$80.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 135.00 100.00% 60.00 3-TOTAL PART C	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$150,000.00 \$135,000.00 \$22,500.00 \$4,800.00 \$3,332,300.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$2,300,000.00 \$25,000.00 \$125,000.00 \$1,000.00 \$30,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 190.00 100.00% 40.00 SUB-TOTAL PART C	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$2,300,000.00 \$25,000.00 \$125,000.00 \$190,000.00 \$32,000.00 \$3,200.00
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 PART D ITEM No. D1	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing Pipe Subdrain ELECTRICAL AND SIGNALS DESCRIPTION Electrical Cables, Ducts and Handholes	m³ m³ L.S. L.S. L.S. L.S. L.S. L.S. L.S. M L.S. m	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$15,000.00 \$15,000.00 \$25,000.00 \$25,000.00 \$ESTIMATED PRICE \$50,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 3-TOTAL PART C ESTIMATED QUANTITY 100.00%	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$25,000.00 \$150,000.00 \$25,000.00 \$3,200.00 \$3,236,400.00 AMOUNT	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$25,000.00 \$125,000.00 \$27,500.00 \$80.00 SUE	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 100.00% 40.00 3-TOTAL PART C ESTIMATED QUANTITY 100.00%	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$105,000.00 \$105,000.00 \$25,000.00 \$125,000.00 \$170,000.00 \$27,500.00 \$3,200.00 3,582,900.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$25,000.00 \$150,000.00 \$1,000.00 \$22,500.00 \$80.00 SUE	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 135.00 100.00% 60.00 3-TOTAL PART C	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$150,000.00 \$22,500.00 \$4,800.00 \$3,332,300.00 AMOUNT	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$125,000.00 \$1,000.00 \$30,000.00 \$80.00 \$ESTIMATED PRICE \$50,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 SUB-TOTAL PART C ESTIMATED QUANTITY 100.00%	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$25,000.00 \$125,000.00 \$190,000.00 \$30,000.00 \$3,200.00 3,878,200.00
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 PART D ITEM No. D1 D2	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss With Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing Pipe Subdrain ELECTRICAL AND SIGNALS DESCRIPTION Electrical Cables, Ducts and Handholes Steel Poles, Base Mounted	m³ m³ L.S. L.S. L.S. L.S. L.S. M L.S.	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$25,000.00 \$15,000.00 \$25,000.00 \$80.00 \$ESTIMATED PRICE \$50,000.00 \$3,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 3-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$25,000.00 \$150,000.00 \$25,000.00 \$3,200.00 \$3,236,400.00 AMOUNT \$50,000.00 \$12,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$25,000.00 \$125,000.00 \$27,500.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 100.00% 40.00 3-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$25,000.00 \$125,000.00 \$170,000.00 \$27,500.00 \$3,200.00 \$3,582,900.00 AMOUNT	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$25,000.00 \$150,000.00 \$1,000.00 \$22,500.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 50.00 3-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$25,000.00 \$150,000.00 \$150,000.00 \$4,800.00 \$3,332,300.00 AMOUNT \$50,000.00 \$12,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$25,000.00 \$125,000.00 \$30,000.00 \$80.00 \$ESTIMATED PRICE \$50,000.00 \$3,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 SUB-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$25,000.00 \$125,000.00 \$30,000.00 \$3,200.00 \$3,878,200.00 AMOUNT
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 PART D ITEM No. D1 D2 D3	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing Pipe Subdrain ELECTRICAL AND SIGNALS DESCRIPTION Electrical Cables, Ducts and Handholes Steel Poles, Base Mounted Concrete Footings	m³ m³ L.S. L.S. L.S. L.S. L.S. L.S. L.S. L.S	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$155,000.00 \$1,000.00 \$25,000.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 3-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$125,000.00 \$155,000.00 \$3,200.00 \$3,236,400.00 \$3,236,400.00 \$12,000.00 \$12,000.00 \$12,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$25,000.00 \$125,000.00 \$1,700.00 \$27,500.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 100.00% 40.00 B-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$25,000.00 \$125,000.00 \$27,500.00 \$3,200.00 \$3,582,900.00 AMOUNT \$50,000.00 \$12,000.00 \$10,000.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$25,000.00 \$150,000.00 \$1,300,000.00 \$25,000.00 \$1,000.00 \$22,500.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 60.00 B-TOTAL PART C	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$150,000.00 \$135,000.00 \$22,500.00 \$4,800.00 \$3,332,300.00 AMOUNT \$50,000.00 \$12,000.00 \$10,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$25,000.00 \$125,000.00 \$30,000.00 \$80.00 \$ESTIMATED PRICE \$50,000.00 \$3,000.00 \$3,000.00 \$2,500.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 ESTIMATED QUANTITY 100.00% 4.00 4.00 4.00	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$25,000.00 \$125,000.00 \$30,000.00 \$3,200.00 AMOUNT \$50,000.00 \$12,000.00 \$12,000.00 \$10,000.00
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 PART D ITEM No. D1 D2 D3 D4	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing Pipe Subdrain ELECTRICAL AND SIGNALS DESCRIPTION Electrical Cables, Ducts and Handholes Steel Poles, Base Mounted Concrete Footings LED Roadway Lighting Luminaires	m³ m³ L.S. L.S. L.S. L.S. L.S. M M L.S. M M M M M M M M M M M M M M M M M M	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$125,000.00 \$1,000.00 \$25,000.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00 \$2,500.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 3-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00 4.00 2.00	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$150,000.00 \$25,000.00 \$3,200.00 \$3,236,400.00 AMOUNT \$50,000.00 \$12,000.00 \$12,000.00 \$4,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$1,700,000.00 \$25,000.00 \$1,000.00 \$27,500.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 100.00% 40.00 B-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00 2.00	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$105,000.00 \$1,700,000.00 \$125,000.00 \$27,500.00 \$3,200.00 \$3,200.00 \$4,000.00 \$12,000.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$1,000.00 \$25,000.00 \$1,000.00 \$22,500.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00 \$2,500.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 60.00 B-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00 2.00	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$25,000.00 \$150,000.00 \$135,000.00 \$22,500.00 \$4,800.00 \$3,332,300.00 \$4,000.00 \$12,000.00 \$10,000.00 \$4,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$2,300,000.00 \$1,000.00 \$30,000.00 \$30,000.00 \$80.00 ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00 \$2,500.00 \$2,500.00 \$2,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 ESTIMATED QUANTITY 100.00% 4.00 4.00 4.00 2.00	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$125,000.00 \$190,000.00 \$3,200.00 3,878,200.00 AMOUNT \$50,000.00 \$12,000.00 \$11,000.00 \$4,000.00
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 PART D ITEM No. D1 D2 D3 D4 D5	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing Pipe Subdrain ELECTRICAL AND SIGNALS DESCRIPTION Electrical Cables, Ducts and Handholes Steel Poles, Base Mounted Concrete Footings LED Roadway Lighting Luminaires Singnal Heads and Hangers	m³ m³ L.S. L.S. L.S. L.S. L.S. M M M M M M M M M M M M M M M M M M	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$125,000.00 \$1,000.00 \$25,000.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,000.00 \$2,000.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 3-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00 4.00 2.00 4.00	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$1,600,000.00 \$25,000.00 \$150,000.00 \$25,000.00 \$3,200.00 \$3,236,400.00 AMOUNT \$50,000.00 \$12,000.00 \$12,000.00 \$4,000.00 \$8,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$1,700,000.00 \$25,000.00 \$27,500.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00 \$2,000.00 \$2,000.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 100.00% 40.00 B-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00 4.00 2.00 4.00	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$105,000.00 \$1,700,000.00 \$125,000.00 \$27,500.00 \$3,200.00 \$3,200.00 \$3,582,900.00 AMOUNT \$50,000.00 \$10,000.00 \$4,000.00 \$8,000.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$1,000.00 \$25,000.00 \$22,500.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00 \$2,000.00 \$2,000.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 135.00 100.00% 60.00 B-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00 2.00 4.00	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$25,000.00 \$150,000.00 \$22,500.00 \$4,800.00 \$3,332,300.00 AMOUNT \$50,000.00 \$12,000.00 \$4,000.00 \$4,000.00 \$8,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$25,000.00 \$1,000.00 \$30,000.00 \$80.00 \$1,000.00 \$30,000.00 \$2,5000.00 \$2,5000.00 \$2,5000.00 \$2,5000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$2,500.00 \$2,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 SUB-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00 4.00 2.00 4.00	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$125,000.00 \$190,000.00 \$3,200.00 3,878,200.00 AMOUNT \$50,000.00 \$12,000.00 \$11,000.00 \$4,000.00 \$8,000.00
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 PART D ITEM No. D1 D2 D3 D4	Mass Concrete (Provisional) Concrete in Footings Concrete in Substructure Concrete in Structure Reinforcing Steel Bar Reinforcing Stainless Steel Bar Fabrication of Pre-Engineered Steel Truss with Steel Deck Delivery of Pre-Engineered Steel Truss With Deck Erection of Structural Steel With Deck Supply & Installation of Box Beam Railing Steel Bridge Deck Waterproofing Pipe Subdrain ELECTRICAL AND SIGNALS DESCRIPTION Electrical Cables, Ducts and Handholes Steel Poles, Base Mounted Concrete Footings LED Roadway Lighting Luminaires	m³ m³ L.S. L.S. L.S. L.S. L.S. M M L.S. M M M M M M M M M M M M M M M M M M	\$600.00 \$1,200.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$125,000.00 \$1,000.00 \$25,000.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00 \$2,500.00	22.00 130.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 3-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00 4.00 2.00	\$13,200.00 \$156,000.00 \$425,000.00 \$115,000.00 \$70,000.00 \$90,000.00 \$1,600,000.00 \$25,000.00 \$150,000.00 \$25,000.00 \$3,200.00 \$3,236,400.00 AMOUNT \$50,000.00 \$12,000.00 \$12,000.00 \$4,000.00	\$600.00 \$1,200.00 \$485,000.00 \$140,000.00 \$100,000.00 \$105,000.00 \$1,700,000.00 \$1,700,000.00 \$25,000.00 \$1,000.00 \$27,500.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00	22.00 160.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 170.00 100.00% 40.00 B-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00 2.00	\$13,200.00 \$192,000.00 \$485,000.00 \$140,000.00 \$105,000.00 \$1,700,000.00 \$125,000.00 \$27,500.00 \$3,200.00 \$3,200.00 \$4,000.00 \$12,000.00	\$600.00 \$1,200.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$1,300,000.00 \$1,000.00 \$25,000.00 \$1,000.00 \$22,500.00 \$80.00 SUE ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00 \$2,500.00	30.00 180.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 60.00 B-TOTAL PART C ESTIMATED QUANTITY 100.00% 4.00 4.00 2.00	\$216,000.00 \$570,000.00 \$165,000.00 \$105,000.00 \$120,000.00 \$25,000.00 \$150,000.00 \$135,000.00 \$22,500.00 \$4,800.00 \$3,332,300.00 \$4,000.00 \$12,000.00 \$10,000.00 \$4,000.00	\$600.00 \$1,200.00 \$350,000.00 \$100,000.00 \$80,000.00 \$2,300,000.00 \$1,000.00 \$30,000.00 \$30,000.00 \$80.00 ESTIMATED PRICE \$50,000.00 \$3,000.00 \$2,500.00 \$2,500.00 \$2,500.00 \$2,000.00	20.00 120.00 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 40.00 ESTIMATED QUANTITY 100.00% 4.00 4.00 4.00 2.00	\$12,000.00 \$144,000.00 \$350,000.00 \$100,000.00 \$80,000.00 \$85,000.00 \$2,300,000.00 \$125,000.00 \$190,000.00 \$3,200.00 3,878,200.00 \$4,000.00 \$10,000.00 \$4,000.00

SUB-TOTAL ALL PARTS \$4,377,250.00

SUB-TOTAL ALL PARTS \$4,150,650.00

SUB-TOTAL ALL PARTS \$4,633,050.00

SUB-TOTAL ALL PARTS \$4,025,750.00