

R:\080\080-1008100-City of Toronto (OH)-Alexander ST Bridge\14499_ALEXANDERBRIDGE\Design\Roadway\Sheets\14499_GG001.dgn Sheet 3/2/2023 10:19:06 AM Jcoy

SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
3	4	5	6	7	17	18	23	28	32		01/S,2/14/ TOR	EXT	TOTAL				
ROADWAY																	
LS												201	11000	LS		CLEARING AND GRUBBING	
						191						202	23000	191	SY	PAVEMENT REMOVED	
						44						202	32000	44	FT	CURB REMOVED	
					144							202	38000	144	FT	GUARDRAIL REMOVED	
						268						203	10000	268	CY	EXCAVATION	
						17						203	20000	17	CY	EMBANKMENT	
							293					204	10000	293	SY	SUBGRADE COMPACTION	
					100							606	13030	100	FT	GUARDRAIL, TYPE 5, USING 9 FOOT POSTS	
					4							606	31000	4	EACH	BRIDGE TERMINAL ASSEMBLY, TYPE C	
EROSION CONTROL																	
					72							601	21060	72	SY	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT	
24												659	00300	24	CY	TOPSOIL	
212												659	10000	212	SY	SEEDING AND MULCHING	
11												659	14000	11	SY	REPAIR SEEDING AND MULCHING	
11												659	15000	11	SY	INTER-SEEDING	
0.03												659	20000	0.03	TON	COMMERCIAL FERTILIZER	
0.05												659	31000	0.05	ACRE	LIME	
2												659	35000	2	MGAL	WATER	
DRAINAGE																	
					58							605	31100	58	FT	AGGREGATE DRAINS	
PAVEMENT																	
						48						252	01500	48	FT	FULL DEPTH PAVEMENT SAWING	
						49						304	20000	49	CY	AGGREGATE BASE, 6"	
						33						451	14010	33	SY	9" REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
					26							609	26000	26	FT	CURB, TYPE 6	
TRAFFIC CONTROL																	
						12.5						630	02100	12.5	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
						1						630	08600	1	EACH	SIGN POST REFLECTOR	
						4						630	80100	4	SF	SIGN, FLAT SHEET	
						1						630	84900	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
						1						630	86002	1	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
						0.22						644	00104	0.22	MILE	EDGE LINE, 6"	
						0.24						644	00300	0.24	MILE	CENTER LINE, DOUBLE SOLID	
			0.15									644	30030	0.15	MILE	REMOVAL OF PAVEMENT MARKING	
STRUCTURE REPAIR (JEF-00TOR-00020)																	
									LS			202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	31
									134			202	22900	134	SY	APPROACH SLAB REMOVED	
									LS			503	11100	LS		COFFERDAMS AND EXCAVATION BRACING	
									57			503	21100	57	CY	UNCLASSIFIED EXCAVATION	
									5,083			509	10000	5,083	LB	EPOXY COATED REINFORCING STEEL	
									50			509	20001	50	LB	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN	31
									214			510	10000	214	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	
									25			511	45710	25	CY	CLASS QC1 CONCRETE, ABUTMENT	
									745			512	10100	745	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	
									778			512	10300	778	SY	SEALING CONCRETE BRIDGE DECKS WITH HMW RESIN	
									34			512	33000	34	SY	TYPE 2 WATERPROOFING	
									665			512	74000	665	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES	
									6,523			513	10200	6,523	LB	STRUCTURAL STEEL MEMBERS, LEVEL UF	

GENERAL SUMMARY

JEF-ALEXANDER STREET BRIDGE

ESTIMATE OF QUANTITIES

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUTMENTS	PIERS	SUPERSTRUCTURE	GENERAL	SHEET REFERENCE
202	11203	1	LS	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	1				2/21
202	22900	134	SY	APPROACH SLAB REMOVED	134				
503	11100	1	LS	COFFERDAMS AND EXCAVATION BRACING	1				
503	21100	57	CY	UNCLASSIFIED EXCAVATION	57				
509	10000	5083	LB	EPOXY COATED REINFORCING STEEL	5083				
509	20001	50	LB	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL, AS PER PLAN	50				2/21
510	10000	214	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	214				
511	45710	25	CY	CLASS QC1 CONCRETE, ABUTMENT	25				
512	10100	745	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	110	284	351		
512	10300	778	SY	SEALING CONCRETE BRIDGE DECKS WITH HMWM RESIN			778		
512	33000	34	SY	TYPE 2 WATERPROOFING	34				
512	74000	665	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES	30	284	351		
513	10200	6523	LB	STRUCTURAL STEEL MEMBERS, LEVEL UF			6523		
514	00050	9933	SF	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL			9933		
514	00056	9933	SF	FIELD PAINTING OF EXISTING STRUCTURAL STEEL, PRIME COAT			9933		
514	00060	9933	SF	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT			9933		
514	00066	9933	SF	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT			9933		
514	00504	87	MNHR	GRINDING FINS, TEARS, SLIVERS ON EXISTING STRUCTURAL STEEL			87		
514	10000	19	EACH	FINAL INSPECTION REPAIR			19		
516	11211	80	FT	STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN	80				2/21
516	45305	10	EACH	REFURBISH BEARING DEVICE, AS PER PLAN	10				2/21
516	47001	1	LS	JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN			1		2/21
518	21200	26	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	26				
519	11101	139	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	139				2/21
519	12300	3	SY	PATCHING CONCRETE BRIDGE DECK - TYPE B			3		
526	25001	210	SY	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN	210				19/21
526	90010	76	FT	TYPE A INSTALLATION	76				
844	10000	341	SF	CONCRETE PATCHING WITH GALVANIC ANODE PROTECTION			341		
846	00110	32	CF	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	32				

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JEF-00TOR-00020 PID No. 114499	QUANTITIES ALEXANDER STREET CROSSING NORFOLK SOUTHERN RAILROAD & IND. ACCESS ROAD	DESIGNED RLC CHECKED JWA	DRAWN SCN REVISED RLC	REVIEWED CMK STRUCTURE FILE NUMBER 4163427	DATE 12/5/22	DESIGN AGENCY THRASHER 400 3RD STREET SE SUITE 309 CANTON, OHIO 44702
3 / 21	32 / 50					