

ESTIMATED QUANTITIES								
REF.	ITEM	TOTAL	UNIT	ITEM DESCRIPTION	GENERAL	TURNPIKE RAMP OVER S.R. 57 M.P. 145.1	RACE RD. OVER TURNPIKE M.P. 149.2	STEARNS RD. OVER TURNPIKE M.P. 154.6
GENERAL								
1	IB.ART.6		LUMP	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	LUMP SUM			
2	SP 619		LUMP	FIELD OFFICE	LUMP SUM			
3	SP 623		LUMP	CONSTRUCTION LAYOUT SURVEY	LUMP SUM			
4	624		LUMP	MOBILIZATION	LUMP SUM			
ROADWAY								
5	202	916	SQ. YD.	PAVEMENT REMOVED		347	569	
6	202	284	SQ. YD.	APPROACH SLAB REMOVED		107	93	84
7	202	1516	FOOT	GUARDRAIL REMOVED		238	1278	
8	202	8	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED		4	4	
9	203	7090	CU. YD.	EMBANKMENT			7090	
10	203	4968	CU. YD.	EXCAVATION			4968	
11	204	2478	SQ. YD.	SUBGRADE COMPACTION		384	2094	
12	301	187	CU. YD.	ASPHALT CONCRETE BASE, PG64-22		62	125	
13	304	452	CU. YD.	AGGREGATE BASE		64	363	25
14	SP 402	94	CU. YD.	ASPHALT CONCRETE FOR SHOULDERS			94	
15	407	198	GAL.	TACK COAT		38	160	
16	448	88	CU. YD.	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22		17	71	
17	448	63	CU. YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22		12	51	
18	526	284	SQ. YD.	REINFORCED CONCRETE APPROACH SLABS		107	93	84
19	601	81	SQ. YD.	TIED CONCRETE BLOCK MAT, WITH TYPE 2 UNDERLAYMENT			81	
20	606	1318	FOOT	GUARDRAIL, TYPE MGS WITH LONG POSTS		140	1178	
21	606	8	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1		4	4	
22	607	288	FOOT	FENCE REMOVED AND REBUILT			288	
23	609	216	FOOT	CURB, TYPE 1		72	144	
24	609	20	SQ. YD.	4" CONCRETE MEDIAN		20		
25	611	4	EACH	CATCH-BASIN ADJUSTED TO GRADE			4	
26	SP 614		LUMP	MAINTAINING TRAFFIC	LUMP SUM			
27	SP 614ZP	6384	HOURS	ZONE PERSON WITH ZONE VEHICLE	504	4320	680	880
28	614	5	EACH	REPLACEMENT SIGN	5			
29	614	200	SQ. FT.	SIGNING MISC.: ADDITIONAL SIGNS, GROUND MOUNTED	200			
30	642	0.86	MILE	EDGE LINE, 6" TYPE 1		0.44	0.32	0.10
31	642	0.21	MILE	CENTER LINE, TYPE 1			0.16	0.05
32	659	5638	SQ. YD.	SEEDING AND MULCHING			5638	
33	659	652	CU. YD.	TOPSOIL			652	
34	832	7000	EACH	EROSION CONTROL		2000	5000	

TURNPIKE RAMP BRIDGE OVER S.R. 57 (M.P. 145.1) ESTIMATED QUANTITIES				
REF.	ITEM	TOTAL	UNIT	ITEM DESCRIPTION
35	SP 202		LUMP	PORTIONS OF STRUCTURE REMOVED
36	SP 509	48252	POUND	EPOXY COATED REINFORCING STEEL
37	509	500	POUND	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL
38	511	155	CU. YD.	CLASS QC2 CONCRETE, SUPERSTRUCTURE DECK SLAB
39	511	62	CU. YD.	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE 1 CEMENT
40	511	24	CU. YD.	CLASS QC2 CONCRETE, ABUTMENT SLABS
41	511	4	CU. YD.	CLASS QC2 CONCRETE, FOR PREPLACEMENT TESTING
42	513	1560	EACH	WELDED SHEAR STUD CONNECTORS
43	513	10	EACH	TRIMMING OF BEAM END
44	SP 516A	9	FOOT	CRACK REPAIR USING EPOXY INJECTION
45	SP 516B	862	FOOT	SEALING OF CONSTRUCTION JOINTS
46	SP 516 G	20	EACH	REPLACE EXPANSION BEARING DEVICE
47	SP 519	442	SQ. FT.	PATCHING OF CONCRETE STRUCTURES
48	SP 527		LUMP	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES
49	SP 533	69	FOOT	3" CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT
50	SP 533A	69	FOOT	1 1/2" ELASTOMERIC COMPRESSION SEAL IN STRUCTURAL STEEL JOINT
51	SP 536	308	SQ. YD.	CONCRETE WEATHERPROOFING, SUBSTRUCTURE
52	SP 536	765	SQ. YD.	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS

RACE ROAD BRIDGE OVER TURNPIKE (M.P. 149.2) ESTIMATED QUANTITIES				
REF.	ITEM	TOTAL	UNIT	ITEM DESCRIPTION
53	SP 202		LUMP	PORTIONS OF STRUCTURE REMOVED
54	SP 509	52098	POUND	EPOXY COATED REINFORCING STEEL
55	509	500	POUND	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL
56	510	288	EACH	DOWEL HOLES WITH NON-SHRINK, NON-METALLIC GROUT
57	511	10	CU. YD.	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING
58	511	166	CU. YD.	CLASS QC2 CONCRETE, SUPERSTRUCTURE DECK SLAB
59	511	65	CU. YD.	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE 1 CEMENT
60	511	20	CU. YD.	CLASS QC2 CONCRETE, ABUTMENT SLABS
61	511	4	CU. YD.	CLASS QC2 CONCRETE, FOR PREPLACEMENT TESTING
62	513	220	EACH	WELDED SHEAR STUD CONNECTORS
63	513	10	EACH	TRIMMING OF BEAM END
64	SP 516B	545	FOOT	SEALING OF CONSTRUCTION JOINTS
65	SP 516 G	20	EACH	REPLACE EXPANSION BEARING DEVICE
66	SP 516 J	15	EACH	REPLACE FIXED BEARING DEVICE
67	SP 519	241	SQ. FT.	PATCHING OF CONCRETE STRUCTURES
68	SP 527		LUMP	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES
69	SP 533	61	FOOT	3" CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT
70	SP 533A	61	FOOT	1 1/2" ELASTOMERIC COMPRESSION SEAL IN STRUCTURAL STEEL JOINT
71	SP 536	392	SQ. YD.	CONCRETE WEATHERPROOFING, SUBSTRUCTURE
72	SP 536	866	SQ. YD.	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS
73	SP 607	425	FOOT	TYPE II FENCE, ALL ALUMINUM (6'-0" CHAIN LINK WITH SPECIALS)

STEARNS ROAD BRIDGE OVER TURNPIKE (M.P. 154.6) ESTIMATED QUANTITIES				
REF.	ITEM	TOTAL	UNIT	ITEM DESCRIPTION
74	SP 202		LUMP	PORTIONS OF STRUCTURE REMOVED
75	SP 509	71062	POUND	EPOXY COATED REINFORCING STEEL
76	509	500	POUND	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL
77	510	324	EACH	DOWEL HOLES WITH NON-SHRINK, NON-METALLIC GROUT
78	511	19	CU. YD.	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING
79	511	191	CU. YD.	CLASS QC2 CONCRETE, SUPERSTRUCTURE DECK SLAB
80	511	111	CU. YD.	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE 1 CEMENT
81	511	24	CU. YD.	CLASS QC2 CONCRETE, ABUTMENT SLABS
82	511	4	CU. YD.	CLASS QC2 CONCRETE, FOR PREPLACEMENT TESTING
83	513	666	EACH	WELDED SHEAR STUD CONNECTORS
84	513	10	EACH	TRIMMING OF BEAM END
85	SP 516B	983	FOOT	SEALING OF CONSTRUCTION JOINTS
86	SP 516 G	20	EACH	REPLACE EXPANSION BEARING DEVICE
87	SP 516 J	15	EACH	REPLACE FIXED BEARING DEVICE
88	SP 519	48	SQ. FT.	PATCHING OF CONCRETE STRUCTURES
89	SP 527		LUMP	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES
90	SP 533	72	FOOT	3" CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT
91	SP 533A	72	FOOT	1 1/2" ELASTOMERIC COMPRESSION SEAL IN STRUCTURAL STEEL JOINT
92	SP 536	396	SQ. YD.	CONCRETE WEATHERPROOFING, SUBSTRUCTURE
93	SP 536	766	SQ. YD.	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS
94	SP 607	420	FOOT	TYPE I FENCE, ALL ALUMINUM (9'-0" CHAIN LINK WITH SPECIALS)

DESIGN AGENCY
CARPENTER & MARTY
TRANSPORTATION ENGINEERS

BY DATE
JUL 11/16
JUL 11/28

REVISIONS
ADDENDUM 1
ADDENDUM 2

CHECKED
KDW
IN CHARGE

DESIGNED
JUL
DRAWN
JUL

NO. 1 2

TWG

GENERAL SUMMARY

PROJECT 43-23-03A DATE: 08/06/21

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OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

OHIO TURNPIKE