

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	1967	SQ. YD.	PAVEMENT REMOVED		347	1620	
6	202	284	SQ. YD.	APPROACH SLAB REMOVED		107	93	84
7	202	135	SQ. YD.	CONCRETE MEDIAN REMOVED		135		
8	202	1516	FOOT	GUARDRAIL REMOVED		238	1278	
9	202	8	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED		4	4	
10	203	7090	CU. YD.	EMBANKMENT			7090	
11	203	4968	CU. YD.	EXCAVATION			4968	
12	204	2670	SQ. YD.	SUBGRADE COMPACTION		487	2183	
13	301	187	CU. YD.	ASPHALT CONCRETE BASE, PG64-22		62	125	
14	304	484	CU. YD.	AGGREGATE BASE		81	378	25
15	SP 402	94	CU. YD.	ASPHALT CONCRETE FOR SHOULDERS			94	
16	407	198	GAL.	TACK COAT		38	160	
17	448	88	CU. YD.	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG64-22		17	71	
18	448	63	CU. YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22		12	51	
19	526	284	SQ. YD.	REINFORCED CONCRETE APPROACH SLABS		107	93	84
20	601	81	SQ. YD.	TIED CONCRETE BLOCK MAT, WITH TYPE 2 UNDERLAYMENT		81		
21	606	1318	FOOT	GUARDRAIL, TYPE MGS WITH LONG POSTS		140	1178	
22	606	8	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1		4	4	
23	607	288	FOOT	FENCE REMOVED AND REBUILT			288	
24	609	216	FOOT	CURB, TYPE 1		72	144	
25	609	135	SQ. YD.	4" CONCRETE MEDIAN		135		
26	611	4	EACH	CATCH BASIN ADJUSTED TO GRADE			4	
27	SP 614		LUMP	MAINTAINING TRAFFIC	LUMP SUM			
28	SP 614ZP	6384	HOURS	ZONE PERSON WITH ZONE VEHICLE	504	4320	680	880
29	614	5	EACH	REPLACEMENT SIGN	5			
30	614	200	SQ. FT.	SIGNING MISC.: ADDITIONAL SIGNS, GROUND MOUNTED	200			
31	615	62	SQ. YD.	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A		62		
32	642	0.86	MILE	EDGE LINE, 6" TYPE 1		0.44	0.32	0.10
33	642	0.21	MILE	CENTER LINE, TYPE 1			0.16	0.05
34	659	5638	SQ. YD.	SEEDING AND MULCHING			5638	
35	659	652	CU. YD.	TOPSOIL			652	
36	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
37	SP 202		LUMP	PORTIONS OF STRUCTURE REMOVED
38	SP 509	48252	POUND	EPOXY COATED REINFORCING STEEL
39	509	500	POUND	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL
40	511	155	CU. YD	CLASS QC2 CONCRETE, SUPERSTRUCTURE DECK SLAB
41	511	62	CU. YD	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE 1 CEMENT
42	511	24	CU. YD	CLASS QC2 CONCRETE, ABUTMENT SLABS
43	511	4	CU. YD	CLASS QC2 CONCRETE, FOR PREPLACEMENT TESTING
44	513	1560	EACH	WELDED SHEAR STUD CONNECTORS
45	513	10	EACH	TRIMMING OF BEAM END
46	SP 516A	9	FOOT	CRACK REPAIR USING EPOXY INJECTION
47	SP 516B	862	FOOT	SEALING OF CONSTRUCTION JOINTS
48	SP 516 G	20	EACH	REPLACE EXPANSION BEARING DEVICE
49	SP 519	442	SQ. FT.	PATCHING OF CONCRETE STRUCTURES
50	SP 527		LUMP	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES
51	SP 533	69	FOOT	3" CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT
52	SP 533A	69	FOOT	1 1/2" ELASTOMERIC COMPRESSION SEAL IN STRUCTURAL STEEL JOINT
53	SP 536	308	SQ. YD.	CONCRETE WEATHERPROOFING, SUBSTRUCTURE
54	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
55	SP 202		LUMP	PORTIONS OF STRUCTURE REMOVED
56	SP 509	52098	POUND	EPOXY COATED REINFORCING STEEL
57	509	500	POUND	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL
58	510	288	EACH	DOWEL HOLES WITH NON-SHRINK, NON-METALLIC GROUT
59	511	10	CU. YD	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING
60	511	166	CU. YD	CLASS QC2 CONCRETE, SUPERSTRUCTURE DECK SLAB
61	511	65	CU. YD	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE 1 CEMENT
62	511	20	CU. YD	CLASS QC2 CONCRETE, ABUTMENT SLABS
63	511	4	CU. YD	CLASS QC2 CONCRETE, FOR PREPLACEMENT TESTING
64	513	220	EACH	WELDED SHEAR STUD CONNECTORS
65	513	10	EACH	TRIMMING OF BEAM END
66	SP 516B	545	FOOT	SEALING OF CONSTRUCTION JOINTS
67	SP 516 G	20	EACH	REPLACE EXPANSION BEARING DEVICE
68	SP 516 J	15	EACH	REPLACE FIXED BEARING DEVICE
69	SP 519	241	SQ. FT.	PATCHING OF CONCRETE STRUCTURES
70	SP 527		LUMP	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES
71	SP 533	61	FOOT	3" CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT
72	SP 533A	61	FOOT	1 1/2" ELASTOMERIC COMPRESSION SEAL IN STRUCTURAL STEEL JOINT
73	SP 536	392	SQ. YD.	CONCRETE WEATHERPROOFING, SUBSTRUCTURE
74	SP 536	866	SQ. YD.	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS
75	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
76	SP 202		LUMP	PORTIONS OF STRUCTURE REMOVED
77	SP 509	71062	POUND	EPOXY COATED REINFORCING STEEL
78	509	500	POUND	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL
79	510	324	EACH	DOWEL HOLES WITH NON-SHRINK, NON-METALLIC GROUT
80	511	19	CU. YD	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING
81	511	191	CU. YD	CLASS QC2 CONCRETE, SUPERSTRUCTURE DECK SLAB
82	511	111	CU. YD	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE 1 CEMENT
83	511	24	CU. YD	CLASS QC2 CONCRETE, ABUTMENT SLABS
84	511	4	CU. YD	CLASS QC2 CONCRETE, FOR PREPLACEMENT TESTING
85	513	666	EACH	WELDED SHEAR STUD CONNECTORS
86	513	10	EACH	TRIMMING OF BEAM END
87	SP 516B	983	FOOT	SEALING OF CONSTRUCTION JOINTS
88	SP 516 G	20	EACH	REPLACE EXPANSION BEARING DEVICE
89	SP 516 J	15	EACH	REPLACE FIXED BEARING DEVICE
90	SP 519	48	SQ. FT.	PATCHING OF CONCRETE STRUCTURES
91	SP 527		LUMP	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES
92	SP 533	72	FOOT	3" CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT
93	SP 533A	72	FOOT	1 1/2" ELASTOMERIC COMPRESSION SEAL IN STRUCTURAL STEEL JOINT
94	SP 536	396	SQ. YD.	CONCRETE WEATHERPROOFING, SUBSTRUCTURE
95	SP 536	766	SQ. YD.	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS
96	SP 607	420	FOOT	TYPE I FENCE, ALL ALUMINUM (9'-0" CHAIN LINK WITH SPECIALS)

DESIGN AGENCY
CARPENTER
MARTY
TRANSPORTATION
INC. PROJECT # 43-23-03A

BY DATE
JUL 11/16
JUL 11/20
JUL 12/5

REVISIONS
ADDENDUM 1
ADDENDUM 2
ADDENDUM 4

NO. 1 2 3

CHECKED
KDW
IN CHARGE

DESIGNED
JUL
DRAWN
JUL

GENERAL SUMMARY

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

14
70

OHIO
TURNPIKE

OHIO
TURNPIKE