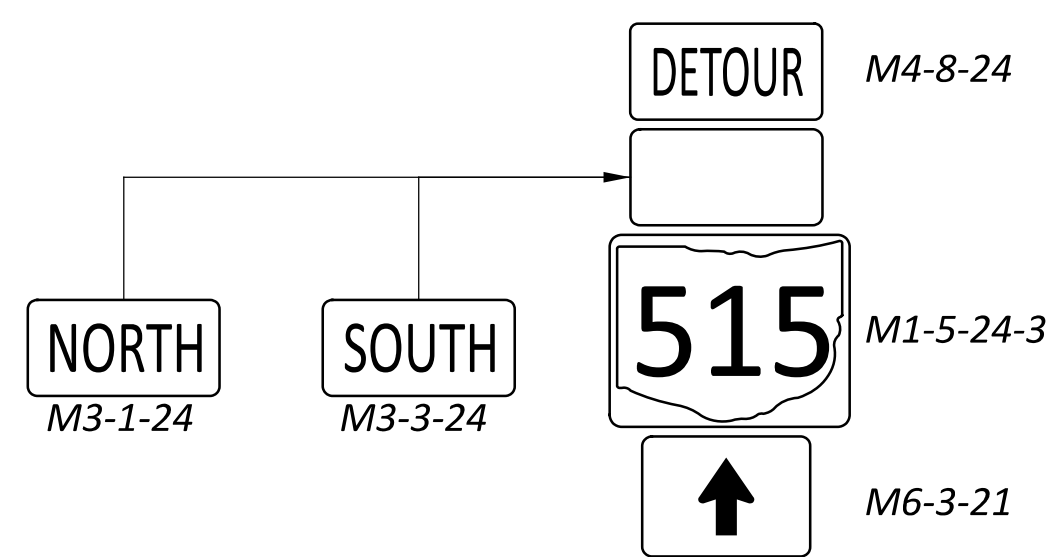


**ITEM 614, DETOUR SIGNING**

THE FOLLOWING DETOUR SIGNS SHALL BE ERECTED ALONG THE DESIGNATED OFFICIAL DETOUR ROUTE AND SHALL BE ASSEMBLED AS SHOWN ON SHEET P.14. ALL DETOUR SIGNING SHALL BE INSTALLED BEFORE COMMENCING ANY OF THE PROPOSED WORK REQUIRING THE DETOUR.

EACH SIGN ASSEMBLY SHALL BE PLACED 100 FT (OR AS DIRECTED) IN ADVANCE OF THE IMPENDING CHANGE OF ROUTE. OFFSET SHALL BE AS PER STANDARD CONSTRUCTION DRAWING TC-42.20.

IN ADDITION TO THE SIGNS LISTED IN THIS NOTE AND SHOWN ON THE INTERSECTION MAPS, PLACE THE FOLLOWING SIGN ASSEMBLIES AT INTERVALS NOT TO EXCEED 2 MILES IN RURAL AREAS AND AT INTERVALS NOT TO EXCEED 2 BLOCKS WITHIN URBAN AREAS. IT IS RECOMMENDED THAT AN ASSEMBLY BE PLACED JUST PAST EACH SIGNIFICANT INTERSECTION WHEN THE DETOUR CONTINUES IN AN UNALTERED DIRECTION. IT IS ANTICIPATED THAT 6 SIGN ASSEMBLIES WILL BE REQUIRED TO MEET THIS MAXIMUM SPACING. SEE THIS SHEET FOR A MAP SHOWING THE ENTIRE OFFICIAL DETOUR ROUTE.



**ITEM 614, DETOUR SIGNING (CONTINUED)**

ALL ANTICIPATED QUANTITIES ARE SHOWN IN THE TABLE BELOW AND ARE PROVIDED FOR INFORMATION ONLY.

SIGN CODE	NO. OF SIGNS	SIZE
R11-3A-60	1	60 IN. X 30 IN.
R11-3-66	2	60 IN. X 30 IN.
M4-10R-48	1	48 IN. X 18 IN.
M4-10L-48	2	48 IN. X 18 IN.
M4-8-24	18	24 IN. X 12 IN.
M4-8A-24	2	24 IN. X 18 IN.
M3-1-24	9	24 IN. X 12 IN.
M3-3-24	9	24 IN. X 12 IN.
M5-1L-21	1	21 IN. X 15 IN.
M6-1L-21	1	21 IN. X 15 IN.
M5-1R-21	1	21 IN. X 15 IN.
M6-1R-21	1	21 IN. X 15 IN.
M6-3-21	14	21 IN. X 15 IN.
W20-2-36	2	36 IN. X 36 IN.
M1-5-24-3	20	24 IN. X 24 IN.

PAYMENT FOR ALL LABOR, EQUIPMENT & MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, DETOUR SIGNING, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

**DESIGNATED LOCAL DETOUR ROUTE**

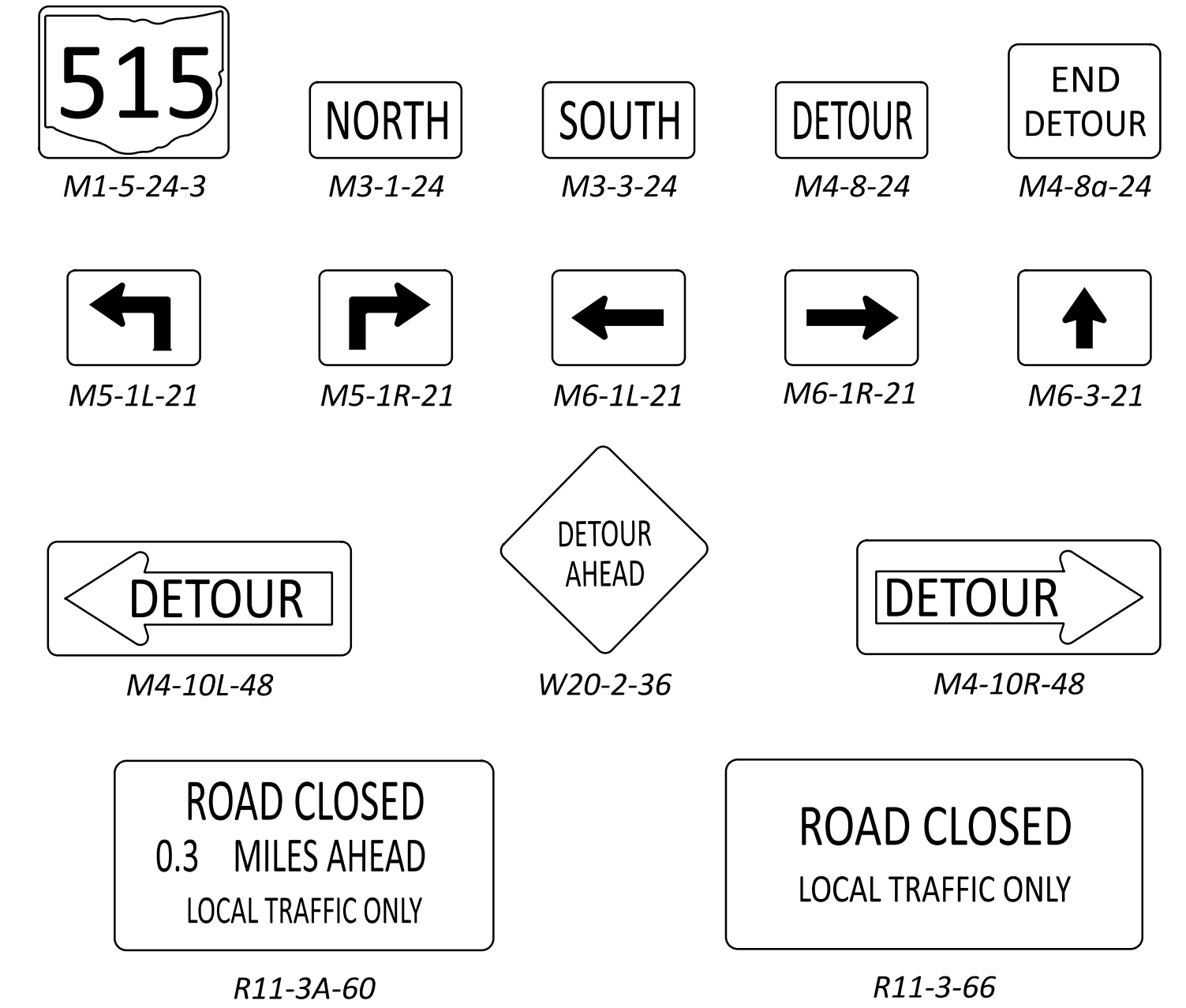
IN ADDITION TO THE OFFICIAL, SIGNED DETOUR ROUTE, LOCAL ROUTES HAVE BEEN DETERMINED TO BE THE SECONDARY, UNSIGNED DETOUR ROUTES OR "DESIGNATED LOCAL DETOUR ROUTES." THESE ROUTES ARE SHOWN ON SHEET P.15. DURING THE TIME THAT TRAFFIC IS DETOURED, THE CONTRACTOR SHALL MAINTAIN THESE ROUTES IN A CONDITION WHICH IS REASONABLY SMOOTH AND FREE FROM HOLES, RUTS, RIDGES, BUMPS, DUST AND STANDING WATER. ONCE THE DETOURS ARE REMOVED AND TRAFFIC RETURNED TO ITS NORMAL PATTERN, THE DESIGNATED LOCAL DETOUR ROUTES SHALL BE RESTORED TO A CONDITION THAT IS EQUIVALENT TO THAT WHICH EXISTED PRIOR TO THEIR USE FOR THIS PURPOSE. ALL SUCH WORK SHALL BE PERFORMED WHEN AND AS DETERMINED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES ARE PROVIDED FOR USE AS DETERMINED BY THE ENGINEER TO MAINTAIN AND SUBSEQUENTLY RESTORE THE DESIGNATED LOCAL DETOUR ROUTES.

ITEM 614, ASPHALT CONCRETE FOR MAINTAINING TRAFFIC  
ITEM 407, TACK COAT

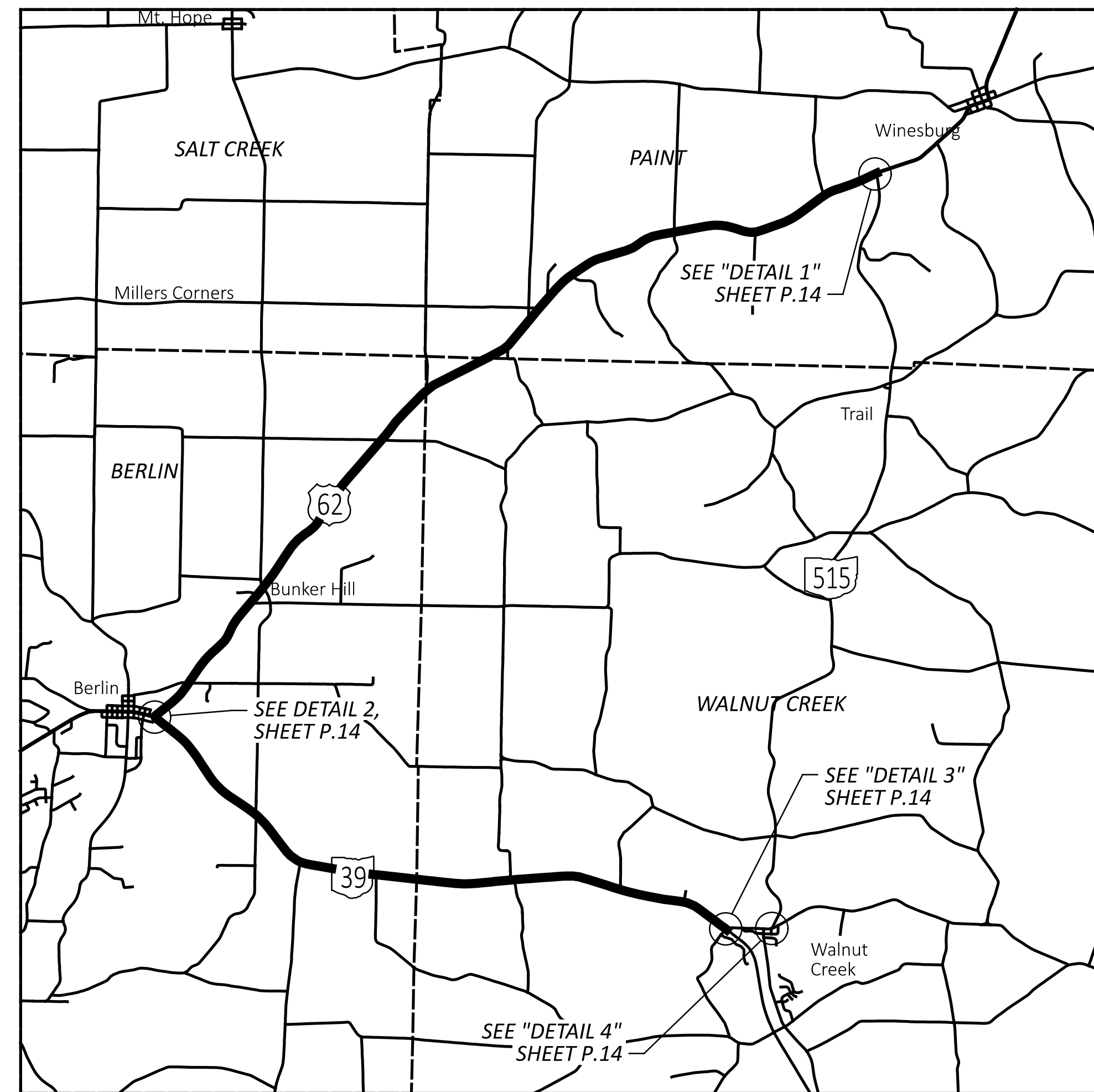
-- 410 CU. YD.  
-- 1250 GAL.

**SIGN LEGEND**



**NOTE**

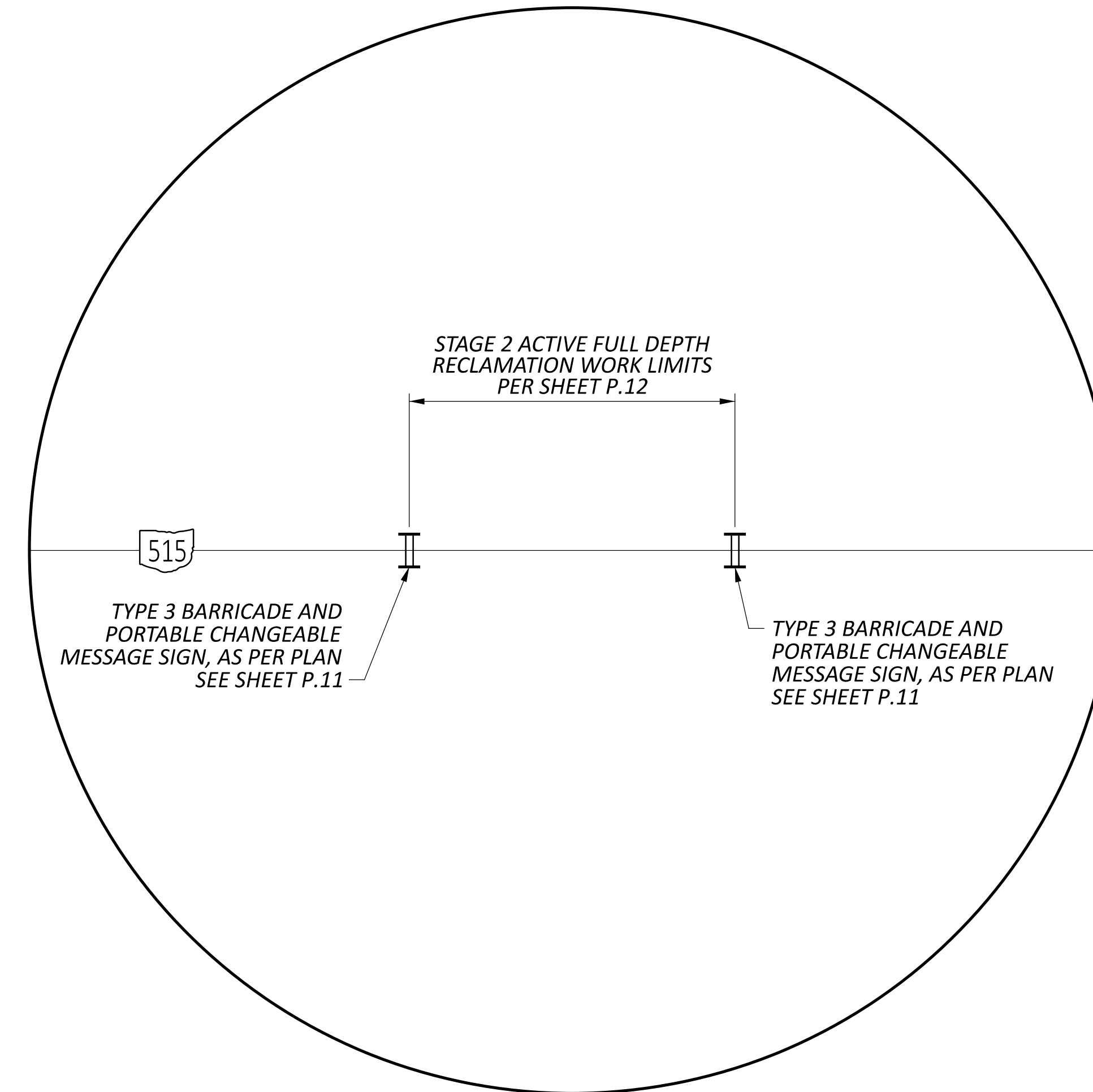
- FOR ADDITIONAL SIGNING DETAILS, SEE SCD MT-101.60



**DETOUR MAP**



NOT TO SCALE



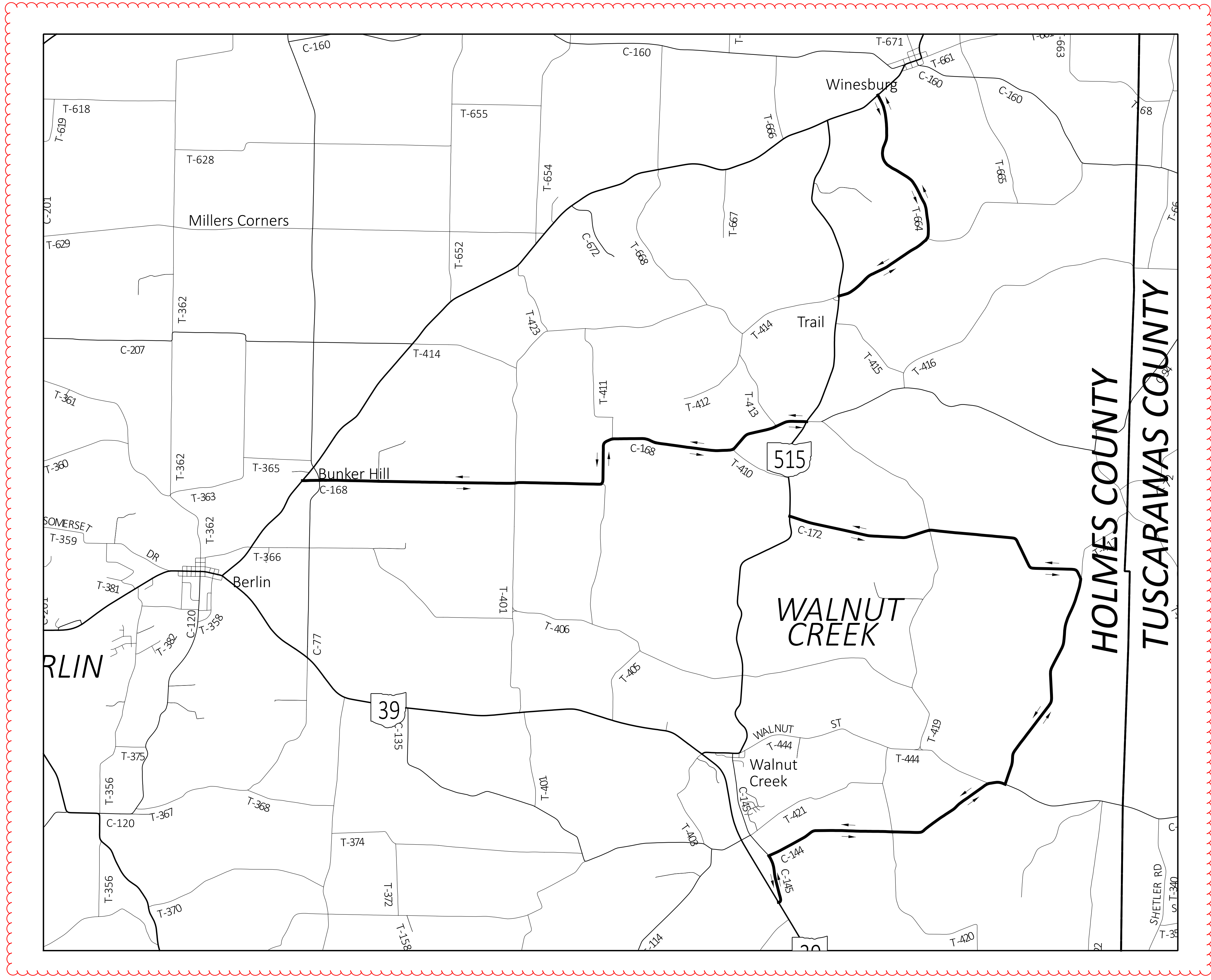
**FULL DEPTH RECLAMATION WORK AREA DETAIL**

HOL-515-0.00

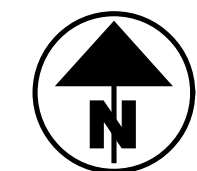
MODEL: Sheet PAPER: 34x22 (in.) DATE: 12/13/2024 TIME: 11:19:27 AM USER: mhone  
pvc:\ohio\pwr-bentley.com\ohio\pwr-02\Documents\01 Active Projects\Distrid 11\Holmes\105293\400-Engineering\WOT\Sheets\105293\_MDO01.dgn

DETOUR PLAN

DESIGN AGENCY	
DESIGNER	MJH
REVIEWER	SAH
PROJECT ID	09-23-24
SHEET	105293
TOTAL	57
P.13	



LOCAL DETOUR ROUTES



LOCAL DETOUR PLAN

DESIGN AGENCY



DESIGNER  
MJH

REVIEWER  
SAH 09-23-24

PROJECT ID  
105293


SHEET TOTAL  
P.15 | 57



SHEET NUM.												PART.		ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.10	P.11	P.13		P.46		P.50	P.53	01/NFA/04	03/NFA/13										
								<b>TRAFFIC CONTROL (CONTINUED)</b>											
					10.98					10.98		646	10010	10.98	MILE	EDGE LINE, 6"			
					5.53					5.53		646	10200	5.53	MILE	CENTER LINE			
					220					220		646	10300	220	FT	CHANNELIZING LINE, 8"			
					57					57		646	10400	57	FT	STOP LINE			
					144					144		646	10520	144	FT	CROSSWALK LINE, 24"			
					60					60		646	10600	60	FT	TRANSVERSE/DIAGONAL LINE			
					4					4		646	20300	4	EACH	LANE ARROW			
					198					198		646	20504	198	FT	DOTTED LINE, 6"			
					96					96		646	50100	96	FT	REMOVAL OF PAVEMENT MARKING			
								<b>STRUCTURE REPAIR (HOL-515-00.780) (SFN: 3802566)</b>											
								LS	LS	202		11203	LS			PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	P.49		
								289	289	202		23500	289	SY		WEARING COURSE REMOVED			
								64	64	512		10100	64	SY		SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)			
								14	14	512		10600	14	FT		CONCRETE REPAIR BY EPOXY INJECTION			
								196	196	512		33010	196	SY		TYPE 3 WATERPROOFING			
								25	25	512		74000	25	SY		REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES			
								112.5	112.5	517		75600	112.5	FT		DEEP BEAM BRIDGE RETROFIT RAILING			
								82	82	SPECIAL		51900100	82	SF		COMPOSITE FIBER WRAP SYSTEM	P.49		
								358	358	SPECIAL		53001300	358	FT		STRUCTURES (KEYWAY GROUT REPAIR)	P.49		
								1	1	625		33000	1	EACH		STRUCTURE GROUNDING SYSTEM			
								20	20	843		50001	20	SF		PATCHING CONCRETE STRUCTURES WITH TROWELABLE MORTAR, AS PER PLAN	P.49		
								45	45	846		00110	45	CF		POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM			
								<b>STRUCTURE REPAIR (HOL-515-02.320) (SFN: 3802590)</b>											
								LS	LS	202		11203	LS			PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	P.53		
								96	96	202		23500	96	SY		WEARING COURSE REMOVED			
								55	55	512		10100	55	SY		SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)			
								114	114	512		33010	114	SY		TYPE 3 WATERPROOFING			
								55	55	512		74000	55	SY		REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES			
								62.5	62.5	517		75600	62.5	FT		DEEP BEAM BRIDGE RETROFIT RAILING			
								1	1	625		33000	1	EACH		STRUCTURE GROUNDING SYSTEM			
								<b>STRUCTURE REPAIR (HOL-515-03.970) (SFN: 3802620)</b>											
								LS	LS	202		11203	LS			PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	P.56		
								304	304	202		23500	304	SY		WEARING COURSE REMOVED			
								223	223	512		33010	223	SY		TYPE 3 WATERPROOFING			
								150	150	517		75600	150	FT		DEEP BEAM BRIDGE RETROFIT RAILING			
								5	5	519		12200	5	SY		PATCHING CONCRETE BRIDGE DECK - TYPE A			
								1	1	625		33000	1	EACH		STRUCTURE GROUNDING SYSTEM			
								37	37	846		00110	37	CF		POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM			
								<b>MAINTENANCE OF TRAFFIC</b>											
			50							50		410	12000	50	CY		TRAFFIC COMPACTED SURFACE, TYPE A OR B		
				2,000						2,000		614	11110	2,000	HOUR		LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE		
					LS					LS		614	12420	LS			DETOUR SIGNING		
				25						25		614	12460	25	EACH		WORK ZONE MARKING SIGN		
			400		410					810		614	13000	810	CY		ASPHALT CONCRETE FOR MAINTAINING TRAFFIC		
				12						12		614	18601	12	SNMT		PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	P.11	
				16.93						16.93		614	21500	16.93	MILE		WORK ZONE CENTER LINE, CLASS II, 642 PAINT		
				16.93						16.93		614	21550	16.93	MILE		WORK ZONE CENTER LINE, CLASS III, 642 PAINT		
				880						880		614	23680	880	FT		WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PAINT		
				213						213		614	26610	213	FT		WORK ZONE STOP LINE, CLASS III, 642 PAINT		
			300							300		616	10000	300	MGAL		WATER		
								<b>INCIDENTALS</b>											
				LS						LS		614	11000	LS			MAINTAINING TRAFFIC		
										6		619	16010	6	MNTH		FIELD OFFICE, TYPE B		
										LS		623	10000	LS			CONSTRUCTION LAYOUT STAKES AND SURVEYING		
										LS		624	10000	LS			MOBILIZATION		

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER  
MJH

REVIEWER  
SAH 09-23-24

PROJECT ID  
105293

SHEET TOTAL  
P.17 57