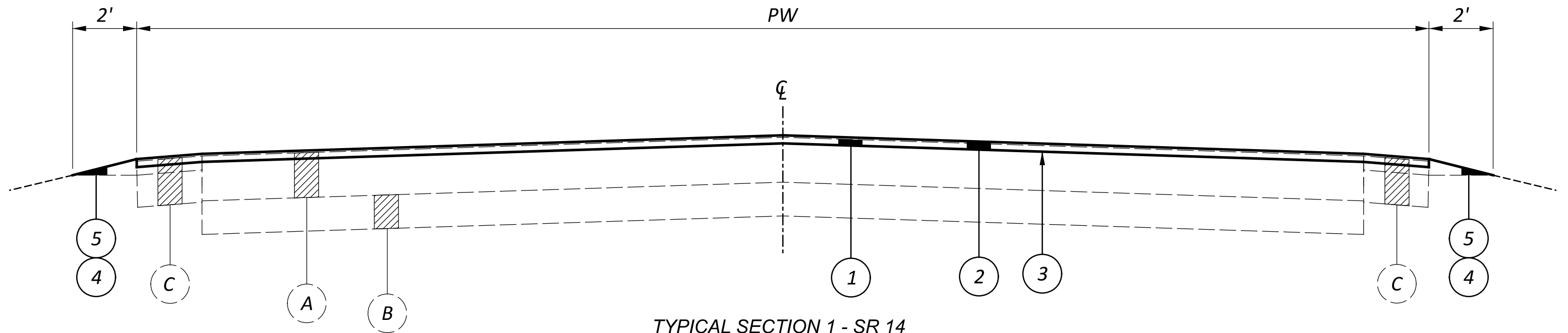
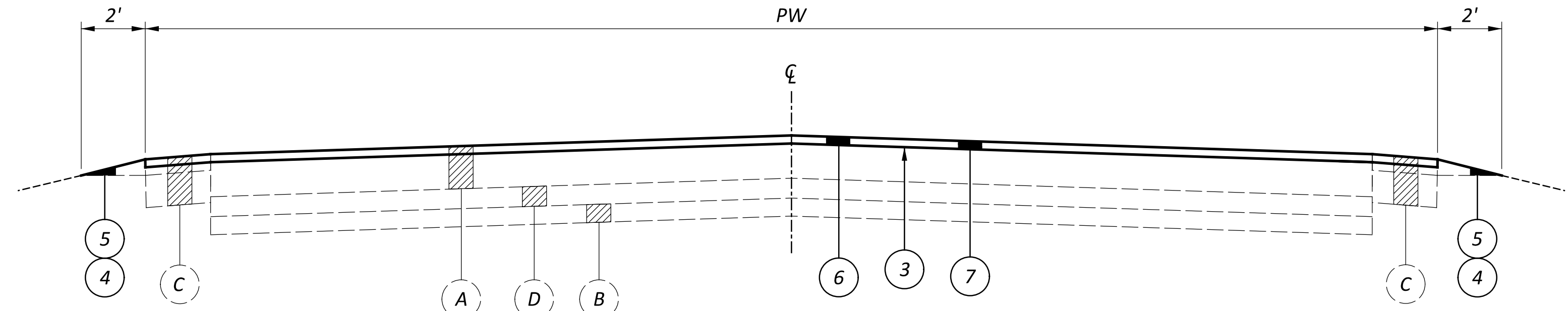
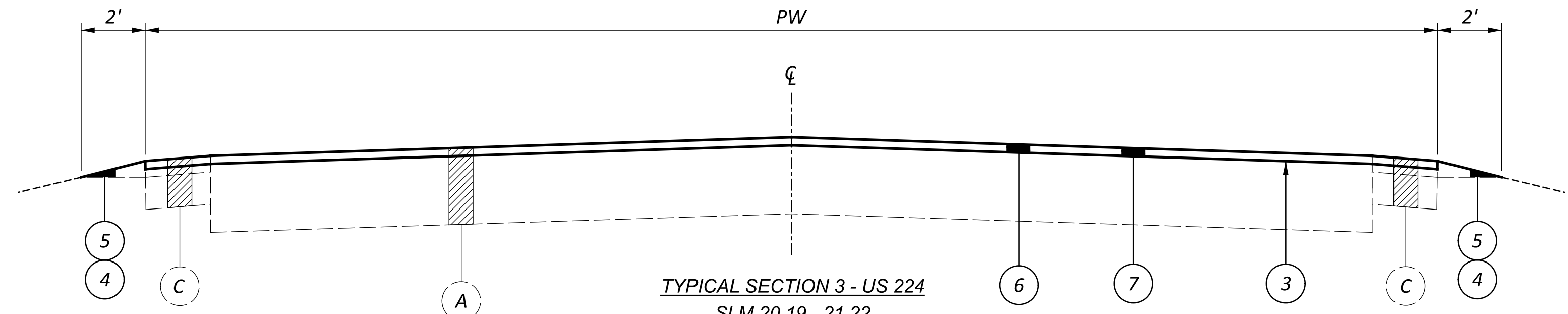




TYPICAL SECTION 1 - SR 14
SLM 25.41 - 26.59 & SLM 26.62 - 28.77
NOTE: SEE TYPICAL SECTION 7 ON P.5 FOR SLM 26.59 - 26.62
EXISTING: 12" ASPHALT OVER 8" CONCRETE



TYPICAL SECTION 2 - US 224
SLM 18.67 - 20.19
EXISTING: 12" ASPHALT OVER 5" MACADAM OVER 5" CONCRETE



TYPICAL SECTION 3 - US 224
SLM 20.19 - 21.22
EXISTING: 16" ASPHALT

TYPICAL SECTION 1				
ROUTE	SLM		LENGTH	PW
	FROM	TO	MILES	FEET
SR 14	25.41	25.48	0.07	28
SR 14	25.48	26.05	0.57	27
SR 14	26.05	26.15	0.10	30
SR 14	26.15	26.40	0.25	28
SR 14	26.40	26.59	0.19	30
SR 14	26.62	27.60	0.98	30
SR 14	27.60	28.77	1.17	27

TYPICAL SECTION 2				
ROUTE	SLM		LENGTH	PW
	FROM	TO	MILES	FEET
US 224	18.67	18.69	0.02	40
US 224	18.69	20.19	1.50	31

TYPICAL SECTION 3				
ROUTE	SLM		LENGTH	PW
	FROM	TO	MILES	FEET
US 224	20.19	20.90	0.71	31
US 224	20.90	21.10	0.20	33
US 224	21.10	21.22	0.12	36

LEGEND:

- 1

ITEM 897 - PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T = 1")
- 2

ITEM 424 - FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), (T = 1.25")
- 3

ITEM 407 - NON-TRACKING TACK COAT (APPLIED @ 0.09 GAL/SY)
- 4

ITEM 408 - PRIME COAT, AS PER PLAN (APPLIED @ 0.40 GAL/SY)
- 5

ITEM 617 - COMPACTED AGGREGATE (T = 1" AVG.)
- 6

ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE (T = 1.5")
- 7

ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M, (T = 1.5")
- 8

ITEM 897 - PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T = 0.75")
- 9

ITEM 424 - FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), (T = 1")

10

ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M (T = 1.25")

11

ITEM 441 - ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (T = 1.75")

12

ITEM 301 – ASPHALT CONCRETE BASE, PG64-22, (449), (T = 8" | PLACED IN TWO LIFTS)

13

ITEM 304 – AGGREGATE BASE, (T = 6")

14

ITEM 407 - NON-TRACKING TACK COAT (APPLIED @ 0.06 GAL/SY)

15

ITEM 605 - AGGREGATE DRAINS

16

ITEM 204 - SUBGRADE COMPACTION

17

ITEM 202 - EXCAVATION (T = 17")

18

ITEM 202 - PAVEMENT REMOVED

A

EXISTING ASPHALT CONCRETE PAVEMENT

B

EXISTING PLAIN OR REINFORCED CONCRETE

C

EXISTING SHOULDER - TWO OR MORE SURFACE TYPES

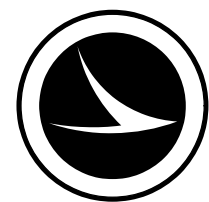
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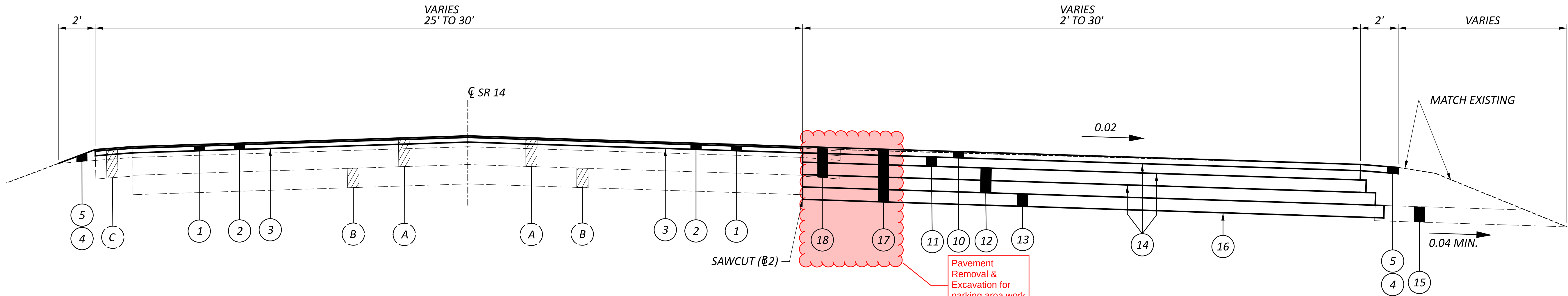
EXISTING WATER-BOUND MACADAM

E

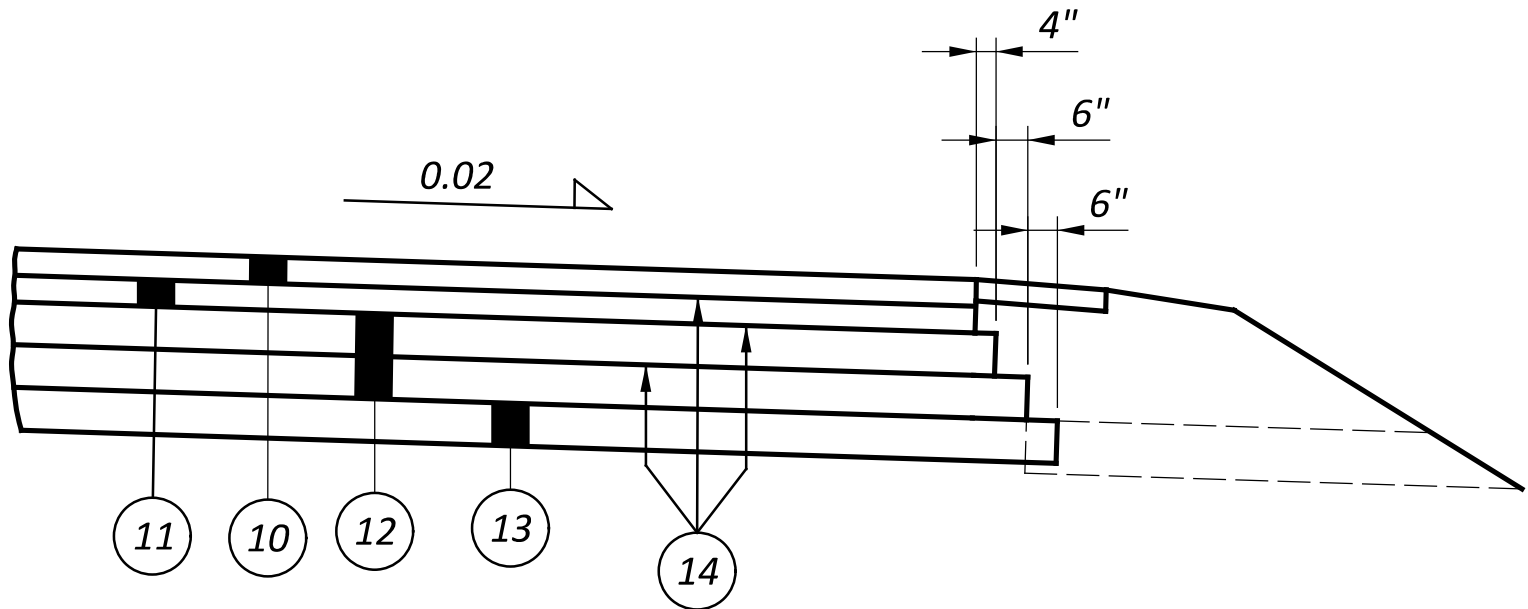
EXISTING AGGREGATE BASE

Items
Added





PAVEMENT WIDENING FOR ODNR PARKING AREA (TYPICAL SECTION 6)
SLM 26.59/STA. 01+48.04 TO SLM 26.62/STA. 03+39.96
11" ASPHALT OVER 10" CONCRETE



COURSE/STEP DETAIL

ROUTE	RESURFACING ONLY			
	SLM		AVG PW (RESURFACING)	LENGTH
	FROM	TO	(FEET)	(MILES)
SR 14	26.59	26.62	28	0.03



UTILITIES

THE CONTRACTOR SHALL USE THE FOLLOWING PROCEDURE AT EACH LOCATION WHERE WORK IS PERFORMED, IN ACCORDANCE WITH SECTIONS 105.07 AND 107.16 IN THE CONSTRUCTION AND MATERIALS SPECIFICATIONS.

THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, OHIO811, THE OHIO DEPARTMENT OF TRANSPORTATION DISTRICT 4 HEADQUARTERS (MICHELLE CHANEY AT 330-786-2267) AND ALL NON REGISTERED UTILITY OWNERS AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN ALL AREAS.

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THE PLANS, BUT CAN BE OBTAINED FROM THE OWNERS OF THE UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES.

PROFILE AND ALIGNMENT

PLACE THE PROPOSED PAVEMENT TO FOLLOW THE ALIGNMENT AND PROFILE OF THE EXISTING PAVEMENT.
PLACE THE PROPOSED ASPHALT CONCRETE OVERLAY AS SHOWN ON THE TYPICAL SECTIONS.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

PAVEMENT MARKING DETAILS

THE PAVEMENT MARKING DETAIL SHEETS HAVE BEEN SUPPLIED AS REFERENCE DOCUMENTS FOR THIS PROJECT AND ARE AVAILABLE ON THE ODOT FTP SITE AT <https://ftp.dot.state.oh.us/pub/contracts/Attach/> FOR THIS PROJECT. FOR ANY LOCATIONS THAT PAVEMENT MARKING DETAILS HAVE NOT BEEN MADE AVAILABLE TO THE CONTRACTOR, IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PUT BACK NEW PAVEMENT MARKINGS IN THE ORIGINAL LOCATIONS.

PAVEMENT MARKING LANE WIDTHS

THE NORMAL LANE WIDTH FOR THE PAVEMENT MARKINGS ON THIS PROJECT SHALL BE AS FOLLOWS:

ROUTE	S.L.M.	TO S.L.M.	LANE WIDTH
SR 14	25.41	28.77	12'
US 224	18.67	21.22	12'
SR 225	5.24	11.04	12'

INTERSECTIONS

INTERSECTIONS WILL BE RESURFACED 10 FT. BEYOND THE EDGE LINE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR INDICATED IN THE PLAN. INTERSECTIONS SHALL BE PAVED AFTER COMPLETION OF THE SURFACE COURSE. USE THE SAME ASPHALT CONCRETE AS THE MAINLINE PAVEMENT UNLESS SHOWN OTHERWISE ON THE ASPHALT CONCRETE CALCULATIONS SHEET. A BUTT JOINT, AS PER STANDARD CONSTRUCTION DRAWING BP-3.1, SHALL BE USED TO PROVIDE A SMOOTH TRANSITION TO THE EXISTING PAVEMENT. ANY GRADING OR PRIME NECESSARY TO ACCOMPLISH THIS WORK SHALL BE INCLUDED IN THE COST OF THE ASPHALT SURFACE COURSE.

ITEM 441 - ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449) (DRIVEWAYS), AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF PAVING ALL EXISTING DRIVEWAYS THAT DO NOT HAVE A CURB CUT OR ARE NOT PAVED AS AN INTERSECTION. DRIVEWAYS ARE TO BE PAVED A DISTANCE OF 2 FT. FROM THE EDGE OF PAVED SHOULDER UNLESS OTHERWISE DIRECTED BY THE ENGINEER. DRIVEWAYS SHALL BE PAVED AFTER COMPLETION OF THE SURFACE COURSE. ASPHALT CONCRETE AVERAGE THICKNESSES SHALL BE 2 IN. FOR AGGREGATE DRIVEWAYS (UNIMPROVED) AND 1 IN. FOR IMPROVED DRIVEWAYS. AGGREGATE DRIVEWAYS SHALL BE GRADED PRIOR TO PAVING SUCH THAT SURFACE DRAINAGE DOES NOT ENCROACH UPON THE PAVED SHOULDER AND SHALL BE GRADED TO ACHIEVE THE THICKNESS OF THE SURFACE COURSE. THE MAXIMUM PAVED WIDTH SHALL NOT EXCEED THAT ALLOWED FOR THROAT AND RADIUS FOR UNCURBED DRIVEWAYS AS PER STANDARD DRIVE DESIGN MANUAL.

THE CONTRACTOR WILL NOT BE PERMITTED TO LEAVE A DIFFERENCE IN ELEVATION BETWEEN THE MAINLINE ASPHALT SURFACE COURSE AND THE EXISTING DRIVEWAYS. IF APPROVED BY THE ENGINEER, AN ASPHALT WEDGE WITH A MINIMUM WIDTH OF 2' MAY BE PLACED EITHER ON THE ROADWAY SHOULDER OR DRIVEWAY DEPENDENT UPON WHICH SIDE IS HIGH. IN THE EVENT THAT THE ENGINEER DETERMINES ADDITIONAL WORK IS NECESSARY TO PROPERLY ADDRESS FIELD CONDITIONS, THE EXISTING WEARING COURSE SHALL BE REMOVED. THE REMOVAL DEPTH IS DEPENDENT UPON THE ELEVATION DIFFERENCE AND ALLOW FOR 1"-2" OF COMPACTED ASPHALT MATERIAL TO BE PLACED. ALL WEARING COURSE REMOVED, GRADING, TOOLS, EQUIPMENT, MATERIAL AND INCIDENTALS REQUIRED TO LAYOUT AND CONSTRUCT THE DRIVEWAYS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 (449) (DRIVEWAYS), AS PER PLAN.

PAVED MAILBOX APPROACHES

ALL EXISTING MAILBOX APPROACHES WILL BE PAVED WITH ASPHALT CONCRETE. THE BUILDUP OF THE ASPHALT PAVEMENT SHALL MATCH THE DRIVEWAY PAVING. THE LIMITS OF THE PAVING SHALL MATCH THE EXISTING MAILBOX APPROACH LIMITS. PAYMENT FOR THE WORK SHALL BE INCLUDED IN THE DRIVEWAY PAVING QUANTITIES, SEPARATE QUANTITIES FOR THE MAILBOX APPROACHES ARE NOT PROVIDED.

RUMBLE STRIPES

THE FOLLOWING ITEMS AND QUANTITIES HAVE BEEN PROVIDED TO INSTALL RUMBLE STRIPES ALONG THE FOLLOWING ROUTES:

EDGE LINE:
SR 14: SLM 26.62 TO SLM 27.60
US 224: SLM 18.67 TO SLM 21.22
SR 225: SLM 5.24 TO SLM 10.80

CENTERLINE:
SR 14: SLM 25.41 TO SLM 28.77
US 224: SLM 18.67 TO SLM 21.22
SR 225: SLM 5.24 TO SLM 10.80

SPECIFIC QUANTITIES FOR THESE LOCATIONS ARE DETAILED ON THE PAVEMENT CALCULATIONS (P.15 - 16).

BARRIER REFLECTORS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS DIRECTED BY THE ENGINEER FOR INSTALLING/REPLACING BARRIER REFLECTORS ON ALL EXISTING BARRIER RUNS WITHIN THE PROJECT LIMITS.

202, REMOVAL MISC.: BARRIER REFLECTOR, 124 EACH
626, BARRIER REFLECTOR, TYPE 2 (BI-DIRECTIONAL), 155 EACH

ITEM 605 - AGGREGATE DRAIN

INSTALL AGGREGATE DRAINS ACCORDING TO THE REQUIREMENTS OF THE CMS AT THE FOLLOWING LOCATIONS:

STATION	SIDE	LENGTH (FT)
01+75	LT	22
02+00	LT	9
02+25	LT	8
02+50	LT	8
02+75	LT	8
03+00	LT	11

THE FOLLOWING ITEM IS CARRIED TO THE GENERAL SUMMARY:

ITEM 605 - AGGREGATE DRAIN 66 FT.

LINEAR GRADING

AREAS WHERE THE SHOULDER IS HIGHER THAN THE EDGE OF PAVEMENT WILL BE GRADED TO PROVIDE POSITIVE DRAINAGE. THIS WORK WILL ONLY BE PERFORMED IN AREAS NECESSARY AND WILL NOT BE PERFORMED ON THE ENTIRE PROJECT. AREAS FOR THE WORK WILL BE MARKED BY THE PROJECT ENGINEER. UNDER NO CIRCUMSTANCES WILL THIS WORK BE PERFORMED CONCURRENTLY WITH ANY OTHER OPERATION.

GRADING WILL BE ACCOMPLISHED BY THE REMOVAL OF MATERIAL TO PROVIDE A 0.08 POSITIVE SLOPE. THE GRADED AREAS WILL BE COMPACTED TO A SUFFICIENT DENSITY TO PREVENT EROSION UNTIL SEEDING AND MULCHING IS PERFORMED. ALL EXCESS MATERIAL WILL BE REMOVED FROM THE BERMS AND WILL BE DISPOSED OF OFF THE PROJECT BY THE CONTRACTOR.

THE CONTRACTOR IS REQUIRED TO PLACE ITEM 617 WITHIN A PERIOD NOT TO EXCEED 7 DAYS. REFER TO THE AS PER PLAN NOTE FOR REQUIREMENTS.

EXPOSED EARTH OUTSIDE OF THE LIMITS OF ITEM 617 ARE REQUIRED TO BE SEEDED AND MULCHED WITHIN 7 DAYS OF PLACEMENT OF ITEM 617. PAYMENT FOR THIS WORK SHALL BE MADE UNDER ITEM 832.

THE QUANTITY OF ITEM 209 IS NOT PERMITTED TO BE INCREASED. REDUCTIONS IN QUANTITIES ARE PERMITTED AS DETERMINED BY THE PROJECT ENGINEER.

ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK WILL BE INCLUDED IN THE UNIT PRICE FOR THE PERTINENT BID ITEM. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

SR 14
209, LINEAR GRADING, 178 STA.

US 224
209, LINEAR GRADING, 135 STA.

SR 225
209, LINEAR GRADING, 306 STA.

TOTAL 619 STA.

ITEM SPECIAL - AS-BUILT CONSTRUCTION PLANS

PRIOR TO FINAL ACCEPTANCE OF THE WORK, THE CONTRACTOR SHALL FURNISH THE DEPARTMENT FORMAL AS-BUILT CONSTRUCTION PLANS. THE FORMAL AS-BUILT CONSTRUCTION PLANS SHALL INCLUDE ALL RED-LINED CHANGES. RED-LINE CHANGE SHALL BE DENOTED UTILIZING CLOUDING IN MICROSTATION (OR OTHER CAD SOFTWARE) OR CLOUDING IN PDF EDITING SOFTWARE. THE AS-BUILT CONSTRUCTION PLANS SHALL HAVE A SIGNED VERIFICATION ON THE TITLE SHEET FROM THE CONTRACTOR INDICATING THAT ALL RED-LINED AND FIELD CHANGES HAVE BEEN INCORPORATED INTO AS-BUILT CONSTRUCTION PLANS.

THE CONTRACTORS VERIFICATION STATEMENT INDICATES ALL KNOWN FIELD MODIFICATIONS MADE HAVE BEEN INCLUDED IN THE FORMAL AS-BUILT CONSTRUCTION PLANS. THE CONTRACTORS VERIFICATION STATEMENT SHALL BE SIGNED BY THE CONTRACTORS PROJECT MANAGER (OR ACCEPTABLE REPRESENTATIVE).

IN ADDITION TO THE INFORMATION SHOWN ON THE CONSTRUCTION PLANS, THE AS-BUILT CONSTRUCTION PLANS SHALL SHOW THE FOLLOWING:

- ALL DEVIATIONS FROM THE ORIGINAL APPROVED CONSTRUCTION PLANS WHICH RESULT IN A CHANGE OF LOCATION, MATERIAL, TYPE OR SIZE OF WORK.
- ANY UTILITIES, PIPES, WELLHEADS, ABANDONED PAVEMENTS, FOUNDATIONS OR OTHER MAJOR OBSTRUCTIONS DISCOVERED AND REMAINING IN PLACE WHICH ARE NOT SHOWN, OR DO NOT CONFORM TO LOCATIONS OR DEPTHS SHOWN IN THE PLANS. UNDERGROUND FEATURES SHALL BE SHOWN AND LABELED ON THE AS-BUILT CONSTRUCTION PLANS IN TERMS OF STATION, OFFSET AND ELEVATION.
- THE FINAL OPTION AND SPECIFICATION NUMBER SELECTED FOR THOSE ITEMS WHICH ALLOW SEVERAL MATERIAL OPTIONS UNDER THE SPECIFICATION (E.G., CONDUIT).
- CHANGES TO THE PAY ITEMS AND FINAL QUANTITIES AS PAID SHALL BE SHOWN ON THE GENERAL SUMMARY AND SUBSUMMARIES.
- ADDITIONAL PLAN SHEETS MAY BE NEEDED IF NECESSARY TO SHOW WORK NOT INCLUDED IN THE CONSTRUCTION PLANS. IF ADDITIONAL PLAN SHEETS ARE NEEDED, THEY ARE REQUIRED TO BE PREPARED IN CONFORMANCE WITH THE LOCATION AND DESIGN MANUAL, VOLUME 3, SECTION 1200 - PLAN PREPARATION.

NOTATION SHALL ALSO BE MADE OF LOCATIONS AND THE EXTENT OF USE OF MATERIALS, OTHER THAN SOIL, FOR EMBANKMENT CONSTRUCTION (ROCK, BROKEN CONCRETE WITHOUT REINFORCING STEEL, ETC.).

THE PLAN INDEX SHALL SHOW THE PLAN SHEETS WHICH HAVE CHANGES APPEARING ON THEM.

TWO COPIES OF THE AS-BUILT CONSTRUCTION PLANS SHALL BE DELIVERED TO THE PROJECT ENGINEER FOR APPROVAL UPON COMPLETION OF THE PHYSICAL WORK BUT PRIOR TO THE REQUEST FOR FINAL PAYMENT. AFTER THE DEPARTMENT HAS APPROVED THE AS-BUILT CONSTRUCTION PLANS, THE ASSOCIATED ELECTRONIC FILES SHALL BE DELIVERED TO THE DISTRICT CAPITAL PROGRAMS ADMINISTRATOR. ACCEPTANCE OF THESE PLANS AND DELIVERY OF THE ASSOCIATED ELECTRONIC FILES IS REQUIRED PRIOR TO THE WORK BEING ACCEPTED AND THE FINAL ESTIMATE APPROVED.

PAYMENT FOR ALL THE ABOVE SHALL BE LUMP SUM UPON PROPER EXECUTION OF ALL WORK OF THIS ITEM AS DETERMINED BY THE PROJECT ENGINEER.

DESIGN AGENCY



DESIGNER

FA

REVIEWER

MJP 06/12/26

PROJECT ID

116747

SHEET

P.6

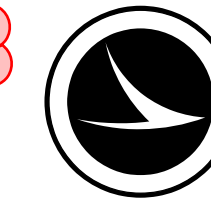
TOTAL

37

SHEET NUMBER												PART.				ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
P.6	P.7	P.8	P.11	P.12	P.15	P.16	P.17	P.18	P.21	P.22	P.23	01/STR	02/STR	03/STR	04/STR						
																				ROADWAY	
			2,500	1,290			58					3,790	58			202	23000	3,848	SY	PAVEMENT REMOVED	
									64			64				202	30000	64	SF	WALK REMOVED	
									4			4				202	32000	4	FT	CURB REMOVED	
										35	5	40				202	35100	40	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
								236				236				202	38000	236	FT	GUARDRAIL REMOVED	
								4				4				202	47000	4	EACH	BRIDGE TERMINAL ASSEMBLY REMOVED	
												4				202	58100	4	EACH	CATCH BASIN REMOVED	
124							174	215				124				202	98100	124	EACH	REMOVAL MISC.: BARRIER REFLECTOR	P.6
	58											215	174			203	10000	389	CY	EXCAVATION	
												58				203	10000	58	CY	EXCAVATION (FOR PAVEMENT REPAIR)	
							502						502			204	10000	502	SY	SUBGRADE COMPACTION	
619							1						1			204	45000	1	HOURL	PROOF ROLLING	
												619				209	60200	619	STA	LINEAR GRADING	
								236				236				606	15050	236	FT	GUARDRAIL, TYPE MGS	
								4				4				606	34600	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE TST-2	
									44			44				608	10000	44	SF	4" CONCRETE WALK	
									20			20				608	52000	20	SF	CURB RAMP	
LS			672	498								1,170				622	41110	1,170	FT	PORTABLE BARRIER, ANCHORED	
		2										LS				SPECIAL	69091000	LS		AS-BUILT CONSTRUCTION PLANS	P.6
												2				SPECIAL	69098000	2	EACH	VERTICAL CLEARANCE	P.8
																				EROSION CONTROL	
												3,000				832	30000	3,000	EACH	EROSION CONTROL	
																				DRAINAGE	
66												66				605	31100	66	FT	AGGREGATE DRAINS	
												15				611	00100	15	FT	4" CONDUIT, TYPE B	
												20	5			611	04400	25	FT	12" CONDUIT, TYPE B	
												2				611	98370	2	EACH	CATCH BASIN, NO. 6	
												1	1			611	98504	2	EACH	CATCH BASIN, NO. 2-2C	
																				PAVEMENT	
	2,000											2,000				251	01000	2,000	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)	
							192						192			252	01500	192	FT	FULL DEPTH PAVEMENT SAWING	
	30											30				253	01000	30	SY	PAVEMENT REPAIR (T = 14.5")	
	35											35				253	01000	35	SY	PAVEMENT REPAIR (T = 16.25")	
	140											140				253	01000	140	SY	PAVEMENT REPAIR (T = 18.25")	
												100				253	01000	100	SY	PAVEMENT REPAIR (T = 19")	
	45											45				253	01000	45	SY	PAVEMENT REPAIR (T = 20.5")	
					47,760							47,760				254	01000	47,760	SY	PAVEMENT PLANING, ASPHALT CONCRETE (T = 1.5")	
	5,000											5,000				254	01600	5,000	SY	PATCHING PLANED SURFACE	
							108	107				107	108			301	56000	215	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
	58							84	88			88	84			304	20000	172	CY	AGGREGATE BASE	
												58				304	20000	58	CY	AGGREGATE BASE (FOR PAVEMENT REPAIR)	
									3			3				407	13900	3	GAL	TACK COAT, 702.13	
					9,397	9,838	87	46				19,279	89			407	20000	19,368	GAL	NON-TRACKING TACK COAT	
					5,534	5,445	19					10,978	20			408	10001	10,998	GAL	PRIME COAT, AS PER PLAN	P.7
					1,953	3,012		10				4,975				424	14000	4,975	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448)	
					1,974							1,974				441	50100	1,974	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M	
							17						17			441	70100	17	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG70-22M	
							23	12				12	23			441	70300	35	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)	
					31	25						56				441	70501	56	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS), AS PER PLAN	P.6
									4			4				609	26000	4	FT	CURB, TYPE 6	
							2					763	3			617	10100	766	CY	COMPACTED AGGREGATE	
												18.66				618	41000	18.66	MILE	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)	
					5.91	5.80						11.71				618	43000	11.71	MILE	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	
					5.91	5.80						11.71				874	21000	11.71	MILE	LONGITUDINAL JOINT PREPARATION	
						109,303						109,303				897	01010	109,303	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T = 0.75")	
					56,642							56,642				897	01010	56,642	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T = 1")	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

FA

REVIEWER

MJP 09/22/26

PROJECT ID

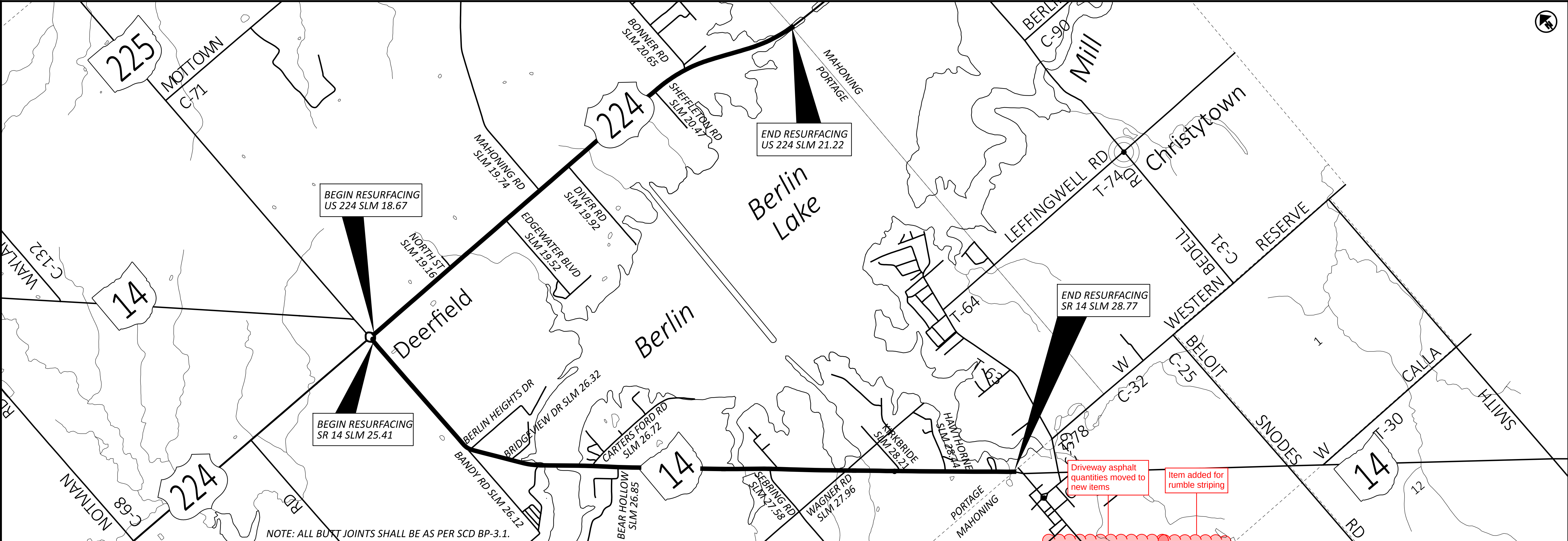
116747

SHEET

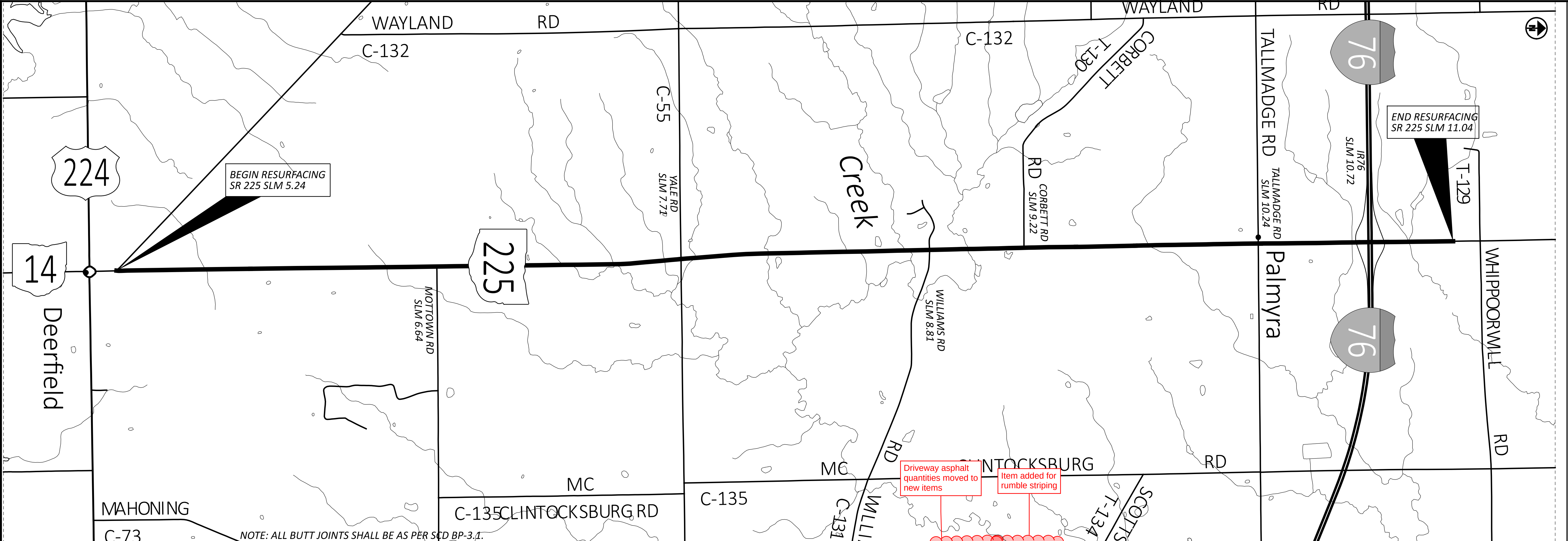
P.13

TOTAL

37



SLM RANGE			TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	254	407	408	424	441	617	618	618	897	8441	441	874						
					PAVEMENT PLANING, ASPHALT CONCRETE (T = 1.5")	NON-TRACKING TACK COAT @ 0.09 GAL/SY	PRIME COAT, AS PER PLAN @ 0.40 GAL/SY		FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448) (T = 1.25")	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M (T = 1.5")	COMPACTED AGGREGATE (T = 1" AVG.)	RUMBLE STRIPES, EDGE LINE (ASPHALT CONCRETE)	RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T = 1")	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS), AS PER PLAN (T = 1.25")	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS), AS PER PLAN (T = 1.5")	LONGITUDINAL JOINT PREPARATION									
					FT	FT	SY		SY	SY	GAL	GAL	CY	CY	CY	MILE	MILE	SY	CY	CY	MILE					
POR SR 14																										
25.41	TO	25.48	1		369.60	28.00	1149.87			103.49	65.71	39.93		4.56		0.07	1149.87			0.07						
25.48	TO	26.05	1		3009.60	27.00	9028.80			812.59	535.04	313.50		37.16		0.57	9028.80			0.57						
26.05	TO	26.15	1		528.00	30.00	1760.00			158.40	93.87	61.11		6.52		0.10	1760.00			0.10						
26.15	TO	26.40	1		1320.00	28.00	4106.67			369.60	234.67	142.59		16.30		0.25	4106.67			0.25						
26.40	TO	26.59	1		1003.20	30.00	3344.00			300.96	178.35	116.11		12.39		0.19	3344.00			0.19						
26.59	TO	26.62	6		158.40	28.00	492.80			44.35	14.08	17.11		0.98		0.03	492.80			0.03						
26.62	TO	27.60	1		5174.40	30.00	17248.00			1552.32	919.89	598.89		63.88	1.96	0.98	17248.00			0.98						
27.60	TO	28.77	1		6177.60	27.00	18532.80			1667.95	1098.24	643.50		76.27		1.17	18532.80			1.17						
POR US 224																										
18.67	TO	18.69	2		105.60	40.00	469.33		469.33	42.24	18.77		19.56	1.30	0.04	0.02				0.02						
18.69	TO	20.19	2		7920.00	31.00	27280.00		27280.00	2455.20	1408.00		1136.67	97.78	3.00	1.50				1.50						
20.19	TO	20.90	3		3748.80	31.00	12912.53		12912.53	1162.13	666.45		538.02	46.28	1.42	0.71				0.71						
20.90	TO	21.10	3		1056.00	33.00	3872.00		3872.00	348.48	187.73		161.33	13.04	0.40	0.20				0.20						
21.10	TO	21.22	3		633.60	36.00	2534.40		2534.40	228.10	112.64		105.60	7.82	0.24	0.12				0.12						
INTERSECTIONS																										
SR 14					520.50	10.00	578.33			52.05		20.08					578.33									
US 224					262.00	10.00	291.11		291.11	26.20			12.13													
DRIVEWAYS																										
SR 14					1800.00	2.00	400.00			36.00							400.00	13.89								
US 224					1800.00	2.00	400.00			36.00									16.67							
SUBTOTALS									47759.38	9396.06	5533.44	1952.82	1973.31	384.27	7.06	5.91	56641.27	13.89	16.67	5.91						
TOTALS CARRIED TO GENERAL SUMMARY									47760	9397	5534	1953	1974	385	7.06	5.91	56642	14	17	5.91						

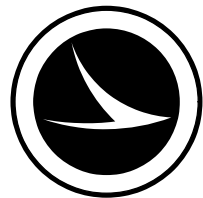


NOTE: ALL BUTT JOINTS SHALL BE AS PER SCD BP-3.1.

SLM RANGE			TYPICAL SECTION	SIDE	DISTANCE (D)		AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	407	408	424	617	618	618	897	441	874										
					FT		FT	SY	SY	GAL	GAL	CY	CY	MILE	MILE	SY	CY	MILE										
POR SR 225																												
5.24	TO	5.83	4		3115.20		31.00	10730.13		965.71	553.81	298.06	38.46	1.18	0.59	10730.13		0.59										
5.83	TO	7.74	5		10084.80		31.00	34736.53		3126.29	1792.85	964.90	124.50	3.82	1.91	34736.53		1.91										
7.74	TO	7.80	5		316.80		33.00	1161.60		104.54	56.32	32.27	3.91	0.12	0.06	1161.60		0.06										
7.80	TO	8.68	5		4646.40		31.00	16004.27		1440.38	826.03	444.56	57.36	1.76	0.88	16004.27		0.88										
8.68	TO	8.73	5		264.00		34.00	997.33		89.76	46.93	27.70	3.26	0.10	0.05	997.33		0.05										
8.73	TO	9.71	5		5174.40		31.00	17822.93		1604.06	919.89	495.08	63.88	1.96	0.98	17822.93		0.98										
9.71	TO	10.10	4		2059.20		31.00	7092.80		638.35	366.08	197.02	25.42	0.78	0.39	7092.80		0.39										
10.10	TO	10.26	4		844.80		34.00	3191.47		287.23	150.19	88.65	10.43	0.32	0.16	3191.47		0.16										
10.26	TO	10.68	5		2217.60		33.00	8131.20		731.81	394.24	225.87	27.38	0.84	0.42	8131.20		0.42										
10.68	TO	10.80	5		633.60		36.00	2534.40		228.10	112.64	70.40	7.82	0.24	0.12	2534.40		0.12										
10.80	TO	10.83	5		158.40		55.00	968.00		87.12	28.16	26.89	1.96	0.06	0.03	968.00		0.03										
10.83	TO	11.04	5		1108.80		38.00	4681.60		421.34	197.12	130.04	13.69	0.42	0.21	4681.60		0.21										
INTERSECTIONS					321.00		10.00	356.67		32.10		9.91				356.67												
SR 225																												
DRIVEWAYS					4020.00		2.00	893.33		80.40						893.33	24.81											
SR 225																												
SUBTOTALS										9837.20	5444.27	3011.36	378.07	11.60	5.80	109302.27	24.81	5.80										
TOTALS CARRIED TO GENERAL SUMMARY										9838	5445	3012	379	11.60	5.80	109303	25	5.80										

PAVEMENT CALCULATIONS

DESIGN AGENCY



DESIGNER

FA

REVIEWER

MJP 09/22/26

PROJECT ID

116747

SHEET

P.16

TOTAL

37

[illegible]

STANDARD DRAWINGS AND SUPPLEMENTAL SPECIFICATIONS

REFER TO THE FOLLOWING STANDARD BRIDGE DRAWING(S):

AS-1-15 (REVISED) 1/20/2023
AS-2-15 (REVISED) 7/21/2023
DBR-2-73 DATED 4/10/1973

DESIGN SPECIFICATIONS

THIS STRUCTURE CONFORMS TO THE "LRFD BRIDGE DESIGN SPECIFICATIONS" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 2024 AND THE ODOT BRIDGE DESIGN MANUAL, 2020.

EXISTING STRUCTURE VERIFICATION

DETAILS AND DIMENSIONS SHOWN ON THESE PLANS PERTAINING TO THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM PLANS OF THE EXISTING STRUCTURE AND FROM FIELD OBSERVATIONS AND MEASUREMENTS. CONSEQUENTLY, THEY ARE INDICATIVE OF THE EXISTING STRUCTURE AND THE PROPOSED WORK BUT THEY SHALL BE CONSIDERED TENTATIVE AND APPROXIMATE. THE CONTRACTOR IS REFERRED TO C&MS, SECTIONS 102.05, 105.02, AND 513.04. BASE CONTRACT BID PRICES UPON A RECOGNITION OF THE UNCERTAINTIES DESCRIBED ABOVE AND UPON A PREBID EXAMINATION OF THE EXISTING STRUCTURE. HOWEVER, THE DEPARTMENT WILL PAY FOR ALL PROJECT WORK BASED UPON ACTUAL DETAILS AND DIMENSIONS THAT HAVE BEEN VERIFIED IN THE FIELD.

SPALL REMOVAL ON STRUCTURE POR-14-26.501 OVER RECREATIONAL WATERWAY

THE FOLLOWING WORK AND QUANTITIES SHALL BE USED ON THIS STRUCTURE TO REPAIR THE CONCRETE SPALLS OVER RECREATIONAL WATERWAYS:

ITEM SPECIAL - STRUCTURES: CONCRETE SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED, 80 SY

USACE BERLIN LAKE OFFICE PROJECT NOTIFICATION

THE CONTRACTOR SHALL CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE, ANTICIPATED USE OF BOATS/BARGES AND ANY PLANNED ACCESS RESTRICTIONS WITH USACE BERLIN LAKE OFFICE A MINIMUM OF 14 CALENDAR DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

USACE BERLIN LAKE OFFICE
7400 BEDELL ROAD, BERLIN CENTER, OH 44401-9714
(330) 547-3781

DOCUMENTATION OF ALL NOTIFICATION AND COORDINATION EFFORTS SHALL BE PROVIDED TO THE ODOT PROJECT ENGINEER.

STRUCTURE PAINTING/CONCRETE SEALING OPERATIONS

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EPOXY-URETHANE SEALER, PAINT OR OTHER MATERIALS USED TO REPAIR, CLEAN, PAINT, SEAL OR TREAT ANY STRUCTURE FROM ENTERING ANY STREAMS, WETLANDS OR OTHER WATERS OF THE UNITED STATES AND TAKE THE APPROPRIATE ACTIONS IN THE EVENT OF A RELEASE.

CLIFF SWALLOW NESTS

THIS STRUCTURE IS KNOWN TO PROVIDE NESTING HABITAT FOR THE CLIFF SWALLOW (HIRUNDO PYRRHONOTA), A BIRD PROTECTED BY LAW UNDER THE MIGRATORY BIRD TREATY ACT. THE UNDERSIDE OF THE BRIDGE SHOULD BE CAREFULLY EXAMINED FOR THE PRESENCE OF NESTS. CLIFF SWALLOWS CONSTRUCT GOURD-SHAPED NESTS MADE OF MUD PELLETS WITH A SMALL ENTRANCE TUNNEL ON ONE SIDE. NESTS ARE TYPICALLY FOUND ON A VERTICAL SURFACE UNDER AN OVERHANG.

TO AVOID IMPACTING THE SPECIES AT THE POR-14-26.501 BRIDGE LOCATION, ANY WORK THAT WOULD RESULT IN THE DISTURBANCE OR REMOVAL OF A CLIFF SWALLOW NEST MUST BE CONDUCTED AFTER AUGUST 15 AND BEFORE APRIL 30, WHEN THE BIRDS ARE NOT USING THE NESTS FOR EGG LAYING OR BROOD REARING.

IF OCCUPIED NESTS ARE FOUND ON THE UNDERSIDE OF THE BRIDGE, THE ODOT DISTRICT 4 ENVIRONMENTAL SECTION SHOULD BE CONTACTED OR PROVIDED WITH INFORMATION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR HARM NESTING BIRDS.

PROTECTION OF PUBLIC/RECREATIONAL USE OF BERLIN LAKE

BERLIN LAKE AND THE ADJACENT BERLIN LAKE WILDLIFE AREA ARE UTILIZED FOR PUBLIC RECREATION PURPOSES INCLUDING FISHING AND WATERCRAFT USE. THE CONTRACTOR SHALL MAINTAIN A SAFE OPEN CHANNEL UNDER THE POR-14-26.501 BRIDGE AT ALL TIMES DURING PROJECT CONSTRUCTION AND TAKE ALL PRECAUTIONS NECESSARY TO PROTECT BERLIN LAKE, THE BERLIN LAKE WILDLIFE AREA AND THE PUBLIC DURING PROJECT CONSTRUCTION.

THE CONTRACTOR SHALL PLACE APPROPRIATE SIGNAGE/BUOYS/MARKERS 300 FEET UPSTREAM AND 300 FEET DOWNSTREAM OF THE PROJECT AREA TO ALERT PADDLERS/BOATERS OF CONSTRUCTION ACTIVITY AND FOR WAYFINDING PURPOSES. THE ABOVE SIGNING SHALL BE MOUNTED IN SUCH A WAY AS TO BE A MINIMUM OF 4 FEET ABOVE THE WATER LEVEL, UNOBSTRUCTED BY TREE BRANCHES, AND PROPERLY ANGLED FOR MAXIMUM VISIBILITY FROM THE MAIN CLEAR CHANNEL. THE METHOD OF SUPPORTING THE SIGNS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION. ADDITIONAL SIGNAGE SHALL BE INSTALLED ALONG THE SHORELINE AT THE BRIDGE LOCATION TO ALERT THE PUBLIC OF CONSTRUCTION ACTIVITIES. UPON COMPLETION OF THE PROJECT, ALL SIGNS AND SUPPORT SYSTEMS SHALL BE COMPLETELY REMOVED.

THE CONTRACTOR SHALL CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE (INCLUDING ANY ANTICIPATED ACCESS RESTRICTIONS) WITH ODNR PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL NOTIFY ODNR PARKS AND WATERCRAFT AT 614-265-6466, A MINIMUM OF 14 CALENDAR DAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO ALLOW ODNR TO POST NOTICE OF THE IMPENDING CONSTRUCTION ON THE APPROPRIATE ODNR WEBPAGES AND ASSOCIATED ONLINE BOATING MAPS. AS PART OF NOTIFICATION EFFORTS, THE CONTRACTOR SHALL PROVIDE PLANS THAT INDICATE SIGNAGE LOCATION ALONG THE WATERWAY AND ANY ADDITIONAL PLANNED NOTIFICATION EFFORTS WITH ODNR THAT WILL TAKE PLACE DURING OR AFTER CONSTRUCTION.

THE PROJECT CONTRACTOR SHALL NOTIFY ODNR PARKS AND WATERCRAFT AT 614-265-6466, 48 HOURS IN ADVANCE WHEN RESTRICTIONS LASTING LONGER THAN A DAY WILL OCCUR. THE USE OF FLAGGERS OR OTHER MEANS WILL BE USED TO ALERT PADDLERS/BOATERS WHEN SHORT-TERM RESTRICTIONS (E.G. 15-30 MINUTES INTERVALS) ARE NEEDED.

DOCUMENTATION OF ALL NOTIFICATION AND COORDINATION EFFORTS SHALL BE PROVIDED TO THE ODOT PROJECT ENGINEER.

ITEM 519 - PATCHING CONCRETE STRUCTURES, AS PER PLAN

WITHIN 24 HOURS OF PLACING PATCHING MATERIAL, BLAST CLEAN ALL SURFACES TO BE PATCHED INCLUDING THE EXPOSED REINFORCING STEEL. ACCEPTABLE ABLE METHODS INCLUDE: HIGH-PRESSURE WATER BLASTING WITH, OR WITHOUT, ABRASIVES IN THE WATER, ABRASIVE BLASTING WITH CONTAINMENT OR VACUUM ABRASIVE BLASTING.

BELOW IS THE LIST OF BRIDGES AND LOCATIONS TO BE PATCHED:

POR-14-26.501 ABUTMENTS:
ITEM 519, PATCHING CONCRETE STRUCTURE, AS PER PLAN, 75 SQ FT
ITEM 512, SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), 9 SQ YD

POR-14-26.501 PIERS:
ITEM 519, PATCHING CONCRETE STRUCTURE, AS PER PLAN, 60 SQ FT

ITEM 202 - REMOVAL MISC.: CHANNEL CLEANOUT

THIS WORK WILL CONSIST OF RE-ESTABLISHING THE ORIGINAL CHANNEL PROFILE BY REMOVING SEDIMENT BUILDUP, VEGETATION, AND DEBRIS FROM THE EXISTING CHANNEL WITHIN STATE RIGHT-OF-WAY LIMITS AS SPECIFIED IN THE PLANS FOR STRUCTURES POR-225-7.406, POR-225-7.641, POR-225-9.967. ANY TREES LOCATED WITHIN CHANNEL OR BANK LIMITS WILL BE INCLUDED UNDER ITEM 201, CLEARING AND GRUBBING. ALL MATERIALS REMOVED SHALL BE DISPOSED OF IN ACCORDANCE WITH 105.16 AND 105.17 OF THE CMS WITH THE APPROVAL OF THE ENGINEER. NO AREAS OF EXISTING CHANNEL PROTECTION SHALL BE REMOVED IN ORDER TO RESTORE THE ORIGINAL CHANNEL PROFILE. AFFECTED CHANNEL AREAS SHALL BE CLEANED OUT TO THE SATISFACTION OF THE ENGINEER.

CHANNEL CLEANOUT WILL BE PAID FOR AT THE UNIT PRICE BID FOR ITEM 202 REMOVAL MISC.: CHANNEL CLEANOUT. THIS PRICE WILL INCLUDE THE COST FOR LABOR, EQUIPMENT, AND ALL INCIDENTALS REQUIRED TO COMPLETE THE CHANNEL CLEANOUT.

WETLANDS IMPACTS/AVOIDANCE - POR-225-7.406

WETLAND AREAS SHOWN WITHIN THE CONSTRUCTION LIMITS WERE ELIMINATED/PERMANENTLY FILLED DURING THE INSTALLATION OF THE POR-225-7.406 BRIDGE STRUCTURE.

UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR IMPACT THE REMAINING WETLAND AREAS BEYOND THE CONSTRUCTION LIMITS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE EQUIPMENT AND/OR MATERIALS WITHIN STREAMS AND/OR WETLANDS.

Cofferdams & excavation
bracing APP note removed

SPECIAL - STRUCTURES: CONCRETE SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED

THIS WORK WILL CONSIST OF REMOVING ALL VISIBLY SPALLED AREAS OF THE UNDERSIDE OF THE DECK.

AFTER SPALLED CONCRETE IS REMOVED THE EXISTING EXPOSED REINFORCING STEEL SHALL BE BLAST CLEANED. ACCEPTABLE METHODS INCLUDE HIGH PRESSURE WATER BLASTING WITH OR WITHOUT ABRASIVES IN THE WATER, ABRASIVES WITH CONTAINMENT, OR VACUUM BLASTING. APPLY A ZINC RICH PRIMER, PER CMS 708.02.B, OVER ALL EXPOSED STEEL SURFACES. THE APPLICATION OF THE PRIMER SHALL FOLLOW CMS 514 AND ALL MANUFACTURER REQUIREMENTS.

NO AREAS OF EXISTING CHANNEL PROTECTION SHALL BE REMOVED TO RESTORE THE ORIGINAL CHANNEL PROFILE.

EQUIPMENT IS NOT TO ENTER THE WATERWAY, BUT MAY BE STAGED ON THE ROADWAY SHOULDER, EMBANKMENT SLOPE AND/OR BRIDGE. WHEN USING A BUCKET-TYPE EXCAVATOR, NO MORE THAN INCIDENTAL FALLBACK FROM THE BUCKET IS AUTHROIZED.

NO FILLING OPERATIONS SHALL BE PERFORMED BELOW THE ORDINARY HIGH WATER MARK OF ANY STREAM AND/OR WITHIN ANY WETLANDS. NO BANK SHAPING, STREAM RELOCATION OR CHANNELIZATION IS AUTHORIZED.

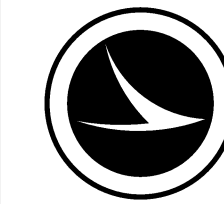
THE DEPARTMENT WILL MEASURE THIS WORK AS THE ACTUAL AREA IN SQUARE YARDS OF CONCRETE SPALLS REMOVED.

CONCRETE SPALL REMOVAL WILL BE PAID AT THE UNIT BID PRICE FOR SPECIAL STRUCTURE MISC.: CONCRETE SPALL REMOVAL WITH ZINC PRICH PRIMER APPLIED. THIS PRICE WILL INCLUDE THE COST OF LABOR, EQUIPMENT, AND ALL INCIDENTALS REQUIRED TO COMPLETE THIS WORK.

ITEM 202, PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN

THIS ITEM SHALL INCLUDE THE ELEMENTS INDICATED IN THE PLANS AND GENERAL NOTES AND THAT ARE NOT SEPARATELY LISTED FOR PAYMENT, EXCEPT FOR WEARING COURSE REMOVAL. ITEMS TO BE REMOVED INCLUDE ALL EXISTING MATERIALS BEING REPLACED BY NEW CONSTRUCTION AND MISCELLANEOUS ITEMS THAT ARE NOT SHOWN TO BE INCORPORATED INTO THE FINAL CONSTRUCTION AND ARE DIRECTED TO BE REMOVED BY THE ENGINEER. THE USE OF EXPLOSIVES, HEADACHE BALLS AND/OR HOE-RAMS WILL NOT BE PERMITTED. THE METHOD OF REMOVAL AND THE WEIGHT OF HAMMER SHALL BE APPROVED BY THE ENGINEER. PERFORM ALL WORK IN A MANNER THAT WILL NOT CUT, ELONGATE OR DAMAGE THE EXISTING REINFORCING STEEL TO BE PRESERVED. CHIPPING HAMMERS SHALL NOT BE HEAVIER THAN THE NOMINAL 90-POUND CLASS. PNEUMATIC HAMMERS SHALL NOT BE PLACED IN DIRECT CONTACT WITH REINFORCING STEEL THAT IS TO BE RETAINED IN THE REBUILT STRUCTURE. SUBMIT CONSTRUCTION PLANS ACCORDING TO C&MS 501.05.

SFN
VARIOUS
DESIGN AGENCY



DESIGNER
SBD
CHECKER
JF

REVIEWER
RC 08/14/26

PROJECT ID
116747

SUBSET
1 TOTAL
11

SHEET
P.27 TOTAL
37

LOCATION 1 - ESTIMATED QUANTITIES (03/STR)									
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SEE SHEET
202	11203	LS		PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	LS				P.27
202	22900		SY	APPROACH SLAB REMOVED				0	
203	20000	10	CY	EMBANKMENT				10	
503	11100	LS		COFFERDAMS AND EXCAVATION BRACING				LS	
203	35110	10	CY	GRANULAR MATERIAL, TYPE B				10	
503	21100	66	CY	UNCLASSIFIED EXCAVATION	66				
509	10000	428	LB	EPOXY COATED STEEL REINFORCEMENT	428				
510	10000	64	EACH	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	64				
511	45710	16	CY	CLASS QC1 CONCRETE, ABUTMENT	16				
512	10100	402	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	22	380			
512	33000	10	SY	TYPE 2 WATERPROOFING	10				
512	74000	380	SY	REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES		380			
516	13900	11	SF	2" PREFORMED EXPANSION JOINT FILLER	11				
516	14014	86	FT	INTEGRAL ABUTMENT EXPANSION JOINT SEAL	86				
518	21200	52	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	52				
518	40000	117	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	117				
518	40010	30	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	30				
519	11101	135	SF	PATCHING CONCRETE STRUCTURE, AS PER PLAN	135				P.27
526	25000	224	SY	REINFORCED CONCRETE APPROACH SLABS (T=15")				224	
526	90010	86	FT	TYPE A INSTALLATION				86	
SPECIAL	53000800	80	SY	STRUCTURES: CONCRETE SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED			80		P.27

Quantity revised