

SEE P.2 FOR LOCATION MAPS

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

POR-224/VAR-18.67/VAR

DEERFIELD & PALMYRA
PORTAGE COUNTY

DESIGN DESIGNATION	US 224	SR 14	SR 225
CURRENT ADT (2025)	3,549	5069	4,648
DESIGN YEAR ADT (2045)	N/A	N/A	N/A
DESIGN HOURLY VOLUME (2045)	340	452	372
DIRECTIONAL DISTRIBUTION	57%	63%	56%
TRUCKS (24 HOUR B&C)	319 (9%)	458 (9%)	457 (10%)
DESIGN SPEED	45 - 60 MPH	50 - 60 MPH	50 MPH
LEGAL SPEED	40 - 55 MPH	45 - 55 MPH	45 MPH
	40 MPH	45 MPH	
	(SLM 18.67-19.24)	(SLM 25.41-25.70)	
	55 MPH	55 MPH	
	(SLM 19.24-21.22)	(SLM 25.70-28.77)	
DESIGN FUNCTIONAL CLASSIFICATION:	04 MINOR ARTERIAL (RURAL)	04 MINOR ARTERIAL (RURAL)	05 MAJOR COLLECTOR (RURAL)
NHS PROJECT	NO	NO	NO

DESIGN EXCEPTIONS

NONE REQUIRED

ADA DESIGN WAIVERS

NONE REQUIRED

UNDERGROUND UTILITIES

Contact Two Working Days Before You Dig



OHIO811.org

Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764 (Non members must be called directly)

PLAN PREPARED BY:
ODOT DISTRICT 4, CAPITAL PROGRAMS
2088 S. ARLINGTON ROAD
AKRON, OH 44306

INDEX OF SHEETS:

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"DRAINAGE SUBSUMMARY" sheet added

Sheet Order Adjusted

"STRUCTURE GENERAL SUMMARY" sheet removed

STANDARD CONSTRUCTION DRAWINGS						SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-3.1	1/19/24	MT-99.20	4/19/19			800-2023	1/16/26
BP-4.1	7/19/13	MT-101.70	7/19/24			809	1/16/26
BP-9.1	1/18/19	MT-101.75	7/21/23			814	7/15/16
		MT-101.90	7/17/20			832	7/18/25
CB-2-2A, 2B, 2C	7/19/24	MT-105.10	1/17/20			872	1/17/25
						874	4/17/20
DM-4.3	1/15/16	TC-41.20	10/18/13			875	1/17/25
DM-4.4	1/15/16	TC-42.10	10/18/13			909	1/16/26
		TC-42.20	10/18/13			961	4/17/20
AS-1-15	1/20/23	TC-52.10	10/18/13				
AS-2-15	7/21/23	TC-52.20	1/15/21				
		TC-64.10	1/16/26				
MT-95.60	4/19/19	TC-65.10	1/17/14				
MT-96.11	7/18/25	TC-65.11	1/17/25				
MT-97.10	7/18/25	TC-71.10	1/16/26				
MT-97.12	1/16/26						

FEDERAL PROJECT NUMBER

E260112

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

RESURFACING OF US 224 FROM SLM 18.67 - 21.22, SR 14 FROM SLM 25.41 - 28.77, AND SR 225 FROM SLM 5.24 - 11.04 IN PORTAGE COUNTY. ADDITIONALLY, INCLUDES ODNR PARKING AREA WORK NEAR SLM 26.59. INCLUDES BRIDGE WORK TO FOUR STRUCTURES.

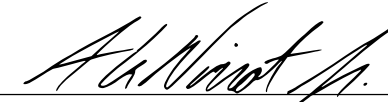
EARTH DISTURBED AREAS

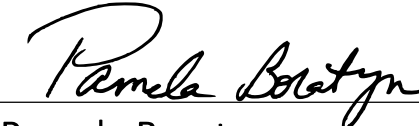
PROJECT EARTH DISTURBED AREA:	3.60 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	0.25 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	N/A (NOI NOT REQUIRED)*
*ROUTINE MAINTENANCE PROJECT	

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE PART TIME CLOSING OF THE HIGHWAY TO TRAFFIC, AS NOTED ON SHEETS P.11 - P.12. DURING WHICH TIME DETOURS WILL BE PROVIDED AS SHOWN HEREIN. PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.


Arthur G. Noiro Jr., P.E.
District 04 Deputy Director


Pamela Boratyn
Director, Department of Transportation

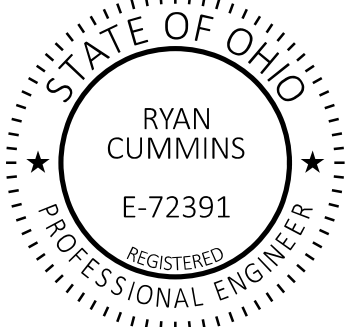
ENGINEER'S SEAL

ROADWAY:
P.1 - P.10, P.13 - P.24



ENGINEER'S SEAL

MOT DETAILS: P.11 - P.12
STRUCTURES: P.25 - P.37



AIRWAY/HIGHWAY CLEARANCE FOR AIRPORTS AND HELIPORTS

THIS PROJECT HAS BEEN IDENTIFIED AS BEING WITHIN THE INFLUENCE AREA OF A PUBLIC USE AIRPORT OR HELIPORT. NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT AT MAXIMUM OPERATING HEIGHT SHALL EXCEED A HEIGHT OF 75 FT. IF ANY TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT WILL EXCEED THIS HEIGHT, FURTHER COORDINATION WITH THE FEDERAL AVIATION ADMINISTRATION (FAA), AND ODOT OFFICE OF AVIATION, WILL BE NECESSARY PRIOR TO ERECTING SUCH TEMPORARY STRUCTURES OR OPERATING SUCH EQUIPMENT ON THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT FORM 7460-1 TO THE FAA. NOTIFY THE ODOT OFFICE OF AVIATION WHEN SUBMITTING FAA FORM 7460-1.

NO TEMPORARY STRUCTURES OR CONSTRUCTION EQUIPMENT SHALL EXCEED THE PERMISSIBLE HEIGHT, UNTIL A COPY OF THE FAA APPROVAL AND THE ODOT OFFICE OF AVIATION PERMIT HAS BEEN FURNISHED TO THE PROJECT ENGINEER.

FEDERAL AVIATION ADMINISTRATION
SOUTHWEST REGIONAL OFFICE
OBSTRUCTION EVALUATION GROUP
10101 HILLWOOD PARKWAY
FORT WORTH, TX 76177
FAX: (817) 222-5920
HTTP://CEAAA.FAA.GOV

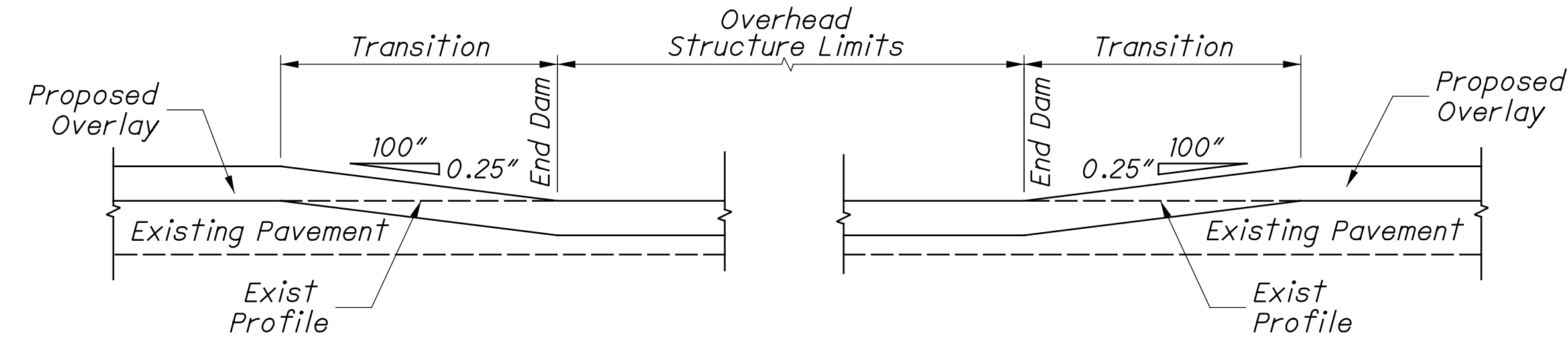
OHIO DEPARTMENT OF TRANSPORTATION
OFFICE OF AVIATION
2829 WEST DUBLIN-GRANVILLE ROAD
COLUMBUS, OHIO 43235
OHIO.AIRPORT.PROTECTION@DOT.OHIO.GOV

ITEM SPECIAL - VERTICAL CLEARANCE

AFTER ALL CONSTRUCTION HAS BEEN COMPLETED, A REGISTERED SURVEYOR WILL TAKE VERTICAL CLEARANCE MEASUREMENTS AT LOCATIONS INDICATED ON THE APPROVED ODOT FORM (AVAILABLE IN THE DISTRICT 4 STRUCTURES AND PAVEMENT OFFICE). THE FINAL MEASUREMENTS SHALL BE RECORDED ON THE FORM AND SUBMITTED TO THE PROJECT ENGINEER AND THE DISTRICT 4 STRUCTURES AND PAVEMENT ENGINEER. THE RECORD SHALL BEAR THE SEAL OF THE LEICENSED SURVEYOR WHO HAS TAKEN THE MEASUREMENTS. THIS WORK SHALL BE PERFORMED AT THE FOLLOWING STRUCTURES:

POR-76-18.577L (SFN 6702945)
POR-76-18.580R (SFN 6703003)

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:
SPECIAL - VERTICAL CLEARANCE, 2 EACH



Smoothing of the profile for settlement is required per plan grades or as directed by the Engineer.

TRANSITIONING AT OVERHEAD STRUCTURES

REVIEW OF CURB RAMPS

PRIOR TO THE START OF WORK, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT AND CONTRACTOR OF ALL CURB RAMPS INCLUDED IN THE PROJECT LIMITS. PRIOR TO THE INSPECTION, THE CONTRACTOR SHALL MARK THE WORK LIMITS OF ALL CURB RAMPS AND ASSOCIATED WORK TO IDENTIFY ANY CONDITIONS THE CONTRACTOR CANNOT BRING INTO ADA COMPLIANCE PER BP-7.1. THE DEPARTMENT SHALL HAVE TEN (10) BUSINESS DAYS TO RESOLVE ANY SUCH ANTICIPATED NON-COMPLIANCE WITH AN ADA WAIVER, QUANTITY CHANGE OR DESIGN REVISION PRIOR TO THE START OF WORK.

IMMEDIATELY FOLLOWING INSTALLATION OF FORMWORK FOR CURB RAMP CONCRETE PLACEMENT AND PRIOR TO PLACEMENT OF CONCRETE, THE CONTRACTOR SHALL VERIFY ADA COMPLIANCE BASED UPON MEASUREMENT OF THE FORMS. THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY NON-COMPLIANT ADA CONDITIONS MEASURED BY THE CONTRACTOR WITHIN THE WORK LIMITS. THE ENGINEER SHALL HAVE THREE (3) BUSINESS DAYS TO RESOLVE ANY SUCH NON-COMPLIANCE WITH A CORRECTIVE FORM LAYOUT, ADA WAIVER, QUANTITY CHANGE OR DESIGN CHANGE PRIOR TO THE PLACEMENT OF CONCRETE.

THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY ADA NON-COMPLIANCE FOR ALL ISSUES NOT REPORTED TO THE ENGINEER IN THE INITIAL INSPECTION AND/OR THE FORM INSTALLATION MEASUREMENT. MODIFICATION OF FORMS INTO A COMPLIANT CONFIGURATION AND/OR REMOVAL AND RECONSTRUCTION OF FINISHED WORK SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 608 CURB RAMP ITEMS.

CATCH BASIN REMOVALS AND REPLACEMENTS

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY FOR USE AT LOCATIONS DIRECTED BY THE ENGINEER FOR THE REMOVAL AND REPLACEMENT OF CATCH BASINS AT POR-SR 14 SLM 25.44 (LT), 25.45 (RT), AND 25.486 (RT).

REFER TO SHEET P.22 - P.23 FOR CATCH BASIN DETAILS AND QUANTITIES.

Sheet listing revised

GENERAL NOTES

DESIGN AGENCY



DESIGNER

SBD

REVIEWER

MJP 06/12/26

PROJECT ID

116747

SHEET

P.8

TOTAL

37

MAINTENANCE OF TRAFFIC

THIS ITEM SHALL CONSIST OF MAINTENANCE OF TRAFFIC ON EXISTING ROADWAYS AND RAMPS IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION, LATEST REVISION, THE SPECIFICATIONS AND THE FOLLOWING:

1. A MINIMUM OF ONE TEN FOOT LANE IN EACH DIRECTION SHALL BE MAINTAINED ON THE EXISTING PAVEMENT OR COMPLETED PAVEMENT DURING CONSTRUCTION OF THE WORK.

2. THE CONTRACTOR SHALL INFORM THE DISTRICT OFFICE (330) 786-2208, EIGHTEEN (18) DAYS PRIOR TO THE BEGINNING OF WORK.

3. LANE RESTRICTIONS OR LANE REDUCTIONS SHALL NOT BE PERMITTED AFTER NORMAL WORKING HOURS. NORMAL WORKING HOURS SHALL BE THOSE HOURS DURING WHICH THE CONTRACTOR HAS A FULL COMPLEMENT OF EMPLOYEES AND EQUIPMENT ACTIVELY REMOVING AND/OR PLACING PAVEMENT MATERIALS.

4. ALL FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT OPERATIONS SHALL BE COMPLETED THE SAME DAY THE EXCAVATION IS MADE. IF THE CONTRACTOR CANNOT COMPLETE THE WORK, THE EXCAVATION SHALL BE BACKFILLED OR PROTECTED AS PER STANDARD CONSTRUCTION DRAWING MT-101.90.

5. TRUCK MOUNTED ATTENUATORS [TMA'S] SHALL BE USED AS SHOWN IN THE STANDARD CONSTRUCTION DRAWINGS.

6. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR BE PERMITTED TO HAVE SUCCESSIVE WORK ZONES UNLESS THE DISTANCE BETWEEN THE DRUMS, BARRICADES OR CONES EXCEEDS TWO (2) MILES RURAL OR ONE [1] MILE URBAN.

7. FOR ROUTES NOT ON THE PERMITTED LANE CLOSURE CHART, ONLY DURING OFF-PEAK PERIODS (ie ANY PERIOD OTHER THAN 6-8AM AND 3-6PM) SHALL THE CONTRACTOR INSTALL AND SUBSEQUENTLY RESET ALL TRAFFIC CONTROL NECESSARY FOR THE WORK ZONE FOR EACH CONSTRUCTION PHASE.

8. IN ADDITION TO THE REQUIREMENTS OF 614.11 WORK ZONE PAVEMENT MARKINGS, AT THE END OF EACH DAY OF WORK, THE CONTRACTOR SHALL REPLACE (WITH WORK ZONE MARKINGS) ALL LANE, CENTER, STOP OR CHANNELIZING LINES THAT WERE REMOVED OR COVERED DURING THE PAVEMENT REMOVAL OR PLACEMENT OPERATIONS. QUANTITIES FOR SUCH PLACEMENT ARE CARRIED AS PART OF THE ITEMS LISTED UNDER 614 WORK ZONE PAVEMENT MARKINGS.

9. A QUANTITY OF 20 CY. OF ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC SHALL BE PROVIDED FOR USE IN MAINTAINING PAVEMENT, SHOULDERS AND OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.

10. PRIOR TO OPENING TO TRAFFIC EACH LANE SHALL BE IN A SAFE, PASSABLE CONDITION. ALL TRANSVERSE JOINTS SHALL EXTEND ACROSS THE FULL LANE AND SHOULDER WIDTH AND EACH LANE SHALL BE FREE FROM UNEVEN LONGITUDINAL JOINTS. THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGES FOR TRANSVERSE JOINTS WHEREVER THERE ARE PAVEMENT ELEVATION DIFFERENCES.

11. THE CONTRACTOR SHALL INSTALL, MAINTAIN AND SUBSEQUENTLY REMOVE WORK ZONE MARKING SIGNS AND THEIR SUPPORTS WITHIN THE WORK LIMITS. THESE SIGNS INCLUDE NO EDGE LINES , DO NOT PASS AND PASS WITH CARE". ALL OTHER SIGNS WILL BE INCIDENTAL TO THE LUMP SUM PAY ITEM 614 MAINTAINING TRAFFIC UNLESS SEPARATELY ITEMIZED IN THE PLANS. A QUANTITY OF ITEM 614 WORK ZONE MARKING SIGNS HAS BEEN INCLUDED IN THE PLANS AS PER CMS 614.04.

12. THE CONTRACTOR SHALL SET A WORK ZONE AT THE REQUEST OF THE ENGINEER TO ALLOW THE LAYOUT OF THE PARTIAL/FULL DEPTH PAVEMENT REPAIR AREAS. THIS WORK IS INCIDENTAL TO ITEM 614 MAINTAINING TRAFFIC.

ALL PHASES
614, WORK ZONE MARKING SIGN, (ALL PHASES), 14 EACH

PHASE 1 (MILLED SURFACE)
614, WORK ZONE CENTER LINE, CLASS I, 11.71 MILE
614, WORK ZONE STOP LINE, CLASS I, 102 FT
614, WORK ZONE CHANNELIZING LINE, CLASS I, 725 FT

PHASE 2 (SURFACE COURSE)
614, WORK ZONE CENTERLINE, CLASS III, 642 PAINT, 11.71 MILE
614, WORK ZONE STOP LINE, CLASS III, 642 PAINT, 102 FT
614, WORK ZONE CHANNELIZING LINE, CLASS III, 642 PAINT, 725 FT

TO BE USED AS DIRECTED BY THE ENGINEER
614, WORK ZONE EDGE LINE, CLASS III, 23.42 MILE

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

ASPHALT PAVING LIMITATION

THE CONTRACTOR SHALL NOT ANTICIPATE OR SCHEDULE PLACING ASPHALT (ASPHALT SURFACE COURSE, ASPHALT INTERMEDIATE COURSE, ASPHALT CONCRETE BASE, ETC.) BETWEEN NOVEMBER 1 AND APRIL 1 WHEN SUBMITTING THEIR INITIAL BAR CHART PROGRESS SCHEDULE TO THE DISTRICT CONSTRUCTION ENGINEER (DCE) AS SPECIFIED IN CMS SECTION 108.02A. THIS LIMITATION SHALL ALSO INCLUDE INITIAL BASE LINE SCHEDULES AND ALL UPDATES IF A CPM SCHEDULE IS REQUIRED.

TIME LIMITATION, TRAFFIC ON A MILLED SURFACE

THE MAXIMUM ALLOWABLE TIME FOR TRAFFIC TO BE PLACED ON A MILLED SURFACE SHALL BE 7 CONSECUTIVE CALENDAR DAYS. SHOULD THE CONTRACTOR FAIL TO MEET THIS REQUIREMENT, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE IN THE AMOUNT OF \$2,500 PER DAY THAT THE TRAFFIC IS PLACED ON A MILLED SURFACE BEYOND THE SPECIFIED LIMIT.

PLACEMENT OF ASPHALT CONCRETE

TWO-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES EXCEPT THAT ONE-WAY TRAFFIC WILL BE PERMITTED FOR MINIMUM PERIODS OF TIME CONSISTENT WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR PROTECTION OF COMPLETED ASPHALT CONCRETE COURSES.

642-58 NOTIFICATION OF TRAFFIC RESTRICTIONS

THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING OF ALL TRAFFIC RESTRICTIONS AND UPCOMING MAINTENANCE OF TRAFFIC CHANGES. THE CONTRACTOR SHALL ENSURE THE WRITTEN NOTIFICATION IS SUBMITTED IN A TIMELY MANNER TO ALLOW THE PROJECT ENGINEER TO MEET THE REQUIRED TIME FRAMES SET FORTH IN THE TABLE BELOW TO INFORM THE SPECIAL HAULING PERMITS SECTION (HAULING.PERMITS@DOT.OHIO.GOV) AND THE DISTRICT PUBLIC INFORMATION OFFICE (PIO). THIS NOTIFICATION SHALL BE RECEIVED BY THE PROJECT ENGINEER PRIOR TO THE PHYSICAL SETUP OF ANY APPLICABLE SIGNS OR MESSAGE BOARDS.

INFORMATION SHOULD INCLUDE, BUT IS NOT LIMITED TO, ALL CONSTRUCTION ACTIVITIES THAT IMPACT OR INTERFERE WITH TRAFFIC AND SHALL LIST THE SPECIFIC LOCATION, TYPE OF WORK, ROAD STATUS, DATE AND TIME OF RESTRICTION, DURATION OF RESTRICTION, NUMBER OF LANES MAINTAINED, NUMBER OF LANES CLOSED, MINIMUM VERTICAL CLEARANCE, MINIMUM WIDTH OF DRIVABLE PAVEMENT, DETOUR ROUTES, IF APPLICABLE, AND ANY OTHER INFORMATION REQUESTED BY THE PROJECT ENGINEER.

NOTIFICATION TIME TABLE		
ITEM	DURATION OF CLOSURE	NOTICE DUE TO PERMITS & PID
ROAD & RAMP CLOSURES	>= 2 WEEKS	21 CALENDAR DAYS PRIOR TO CLOSURE
	> 12 HOURS & <2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	<12 HOURS	4 BUISNESS DAYS PRIOR TO CLOSURE
LANE CLOSURES & RESTRICTIONS	>= 2 WEEKS	14 CALENDAR DAYS PRIOR TO CLOSURE
	< 2 WEEKS	5 BUISNESS DAYS PRIOR TO CLOSURE
START OF CONSTRUCTION & TRAFFIC PATTERNS CHANGES	N/A	14 CALENDAR DAYS PRIOR TO IMPLEMENTATION

ANY UNFORESEEN CONDITIONS NOT SPECIFIED IN THE PLANS REQUIRING TRAFFIC RESTRICTIONS SHALL ALSO BE REPORTED TO THE PROJECT ENGINEER USING THE NOTIFICATION TIME TABLE.

ADVANCED NOTICE TO PAVE

THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE DISTRICT CONSTRUCTION ENGINEER A DETAILED SCHEDULE 15 DAYS PRIOR TO THE PLACEMENT OF THE OVERLAY COURSES, ON HOW THEY PROPOSE TO PROSECUTE THE PAVING OPERATIONS. THE DETAILS SHALL SHOW THE ORDER OF PERFORMANCE OF EACH STAGE (START TO FINISH) OF THE WORK INCLUDING THE MAINTENANCE OF TRAFFIC THAT WILL BE USED.

TRAFFIC CONTROL INSPECTOR

THE CONTRACTOR SHALL DESIGNATE AN INDIVIDUAL OTHER THAN THE SUPERINTENDENT AND SUBJECT TO THE APPROVAL OF THE ENGINEER, TO CONTINUOUSLY INSPECT ALL TRAFFIC CONTROL DEVICES WHENEVER CONSTRUCTION WORK IS BEING PERFORMED WITHIN THE WORK LIMITS OF THE PROJECT. THE DESIGNATED INDIVIDUAL SHALL ALSO INSPECT ALL TRAFFIC DEVICES AT THE BEGINNING AND AT THE END OF EACH WORK DAY. THE DESIGNATED INDIVIDUAL OR A QUALIFIED REPRESENTATIVE SHALL ALSO BE AVAILABLE ON AN AROUND THE CLOCK BASIS TO REPAIR AND/OR REPLACE DAMAGED OR MISSING TRAFFIC CONTROL DEVICES. THESE INDIVIDUALS SHALL BE EQUIPPED WITH CELLULAR PHONES AND THEIR NAMES AND PHONE NUMBERS SHALL BE GIVEN TO THE PROJECT ENGINEER AT THE PRE-CONSTRUCTION MEETING. THE DESIGNATED INDIVIDUAL MAY HAVE OTHER CONSTRUCTION RELATED DUTIES AS LONG AS IMMEDIATE ATTENTION IS GIVEN TO TRAFFIC CONTROL. PAYMENT FOR THE SERVICES OF THE TRAFFIC CONTROL INSPECTOR SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC.

ITEM 614, MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS)

NO WORK SHALL BE PERFORMED & ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR SPECIAL EVENTS:

NEW YEAR'S (OBSERVED)	GENERAL/REGULAR ELECTION DAY (NOV)
MEMORIAL DAY	THANKSGIVING
FOURTH OF JULY (OBSERVED)	CHRISTMAS (OBSERVED)
LABOR DAY	

THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR SPECIAL EVENT FALLS. THE FOLLOWING SCHEDULE SHALL BE USED TO DETERMINE THIS PERIOD:

DAY OF HOLIDAY OR SPECIAL EVENT	TIME ALL LANES MUST BE OPEN TO TRAFFIC
SUNDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY
MONDAY	12:00N FRIDAY THROUGH 6:00AM TUESDAY
TUESDAY	12:00N MONDAY THROUGH 6:00AM WEDNESDAY
TUESDAY (GEN./REG. ELECTION)	5:00AM TUESDAY THROUGH 12:00AM WEDNESDAY
WEDNESDAY	12:00N TUESDAY THROUGH 6:00AM THURSDAY
THURSDAY	12:00N WEDNESDAY THROUGH 6:00AM FRIDAY
THURSDAY (THANKSGIVING ONLY)	6:00AM WEDNESDAY THROUGH 6:00AM MONDAY
FRIDAY	12:00N THURSDAY THROUGH 6:00AM MONDAY
SATURDAY	12:00N FRIDAY THROUGH 6:00AM MONDAY

DURING THE SAME PERIODS, MAINTAIN PEDESTRIAN ACCESS IF PEDESTRIAN ACCESS WAS PRESENT PRIOR TO CONSTRUCTION.

NEWLY CONSTRUCTED LANE ADDITIONS, ONCE COMPLETED AND INITIALLY OPENED TO TRAFFIC, SHALL BE OPEN TO TRAFFIC DURING ALL SUBSEQUENT DESIGNATED HOLIDAYS AND SPECIAL EVENTS, AND RELATED PERIODS OF TIME, SPECIFIED ABOVE.

SHOULD THE CONTRACTOR FAIL TO MEET ANY OF THESE REQUIREMENTS, THE CONTRACTOR SHALL BE ASSESSED A DISINCENTIVE PER THE LANE VALUE CONTRACT (PN 127).

LANE VALUE CONTRACT			
DESCRIPTION OF CRTICAL LANE/RAMP TO BE MAINTAINED	RESTRICTED TIME PERIOD	TIME UNIT	DISINCENTIVE \$ PER TIME PERIOD
SR 14 US 224 SR 225	AS PER MAINTAINING TRAFFIC (LANES OPEN DURING HOLIDAYS OR SPECIAL EVENTS) NOTE ABOVE	PER LANE/PER MINUTE	\$30

SIGNALIZED CLOSURES (POR-14-26.501)

FOR AREAS WITH 2-LANE HIGHWAYS THAT WILL BE REDUCED TO A SINGLE BI-DIRECTIONAL LANE, THE CONTRACTOR IS PERMITTED TO USE SIGNALIZED CLOSURES AS PER SCD MT-96.11, AT THE DISCRETION OF THE PROJECT ENGINEER, FOR A PERIOD NOT TO EXCEED 10 CONSECUTIVE CALENDAR DAYS PER SIDE. QUEUE BACKUPS AND IMPACTS TO NEARBY DRIVEWAYS WILL BE KEPT TO A MINIMUM.

BARRIER, ATTENUATOR, OBJECT MARKERS, AND STRIPING ARE QUANTIFIED ON SHEET P-11 R-12. ALL OTHER WORK, MATERIALS, SIGNAGE, SIGNALS, DETECTORS AND EQUIPMENT WILL BE INCIDENTAL TO ITEM 614- MAINTAINING TRAFFIC.

Added signals and detectors to note

DESIGN AGENCY



DESIGNER

FA

REVIEWER

MJP 06/12/26

PROJECT ID

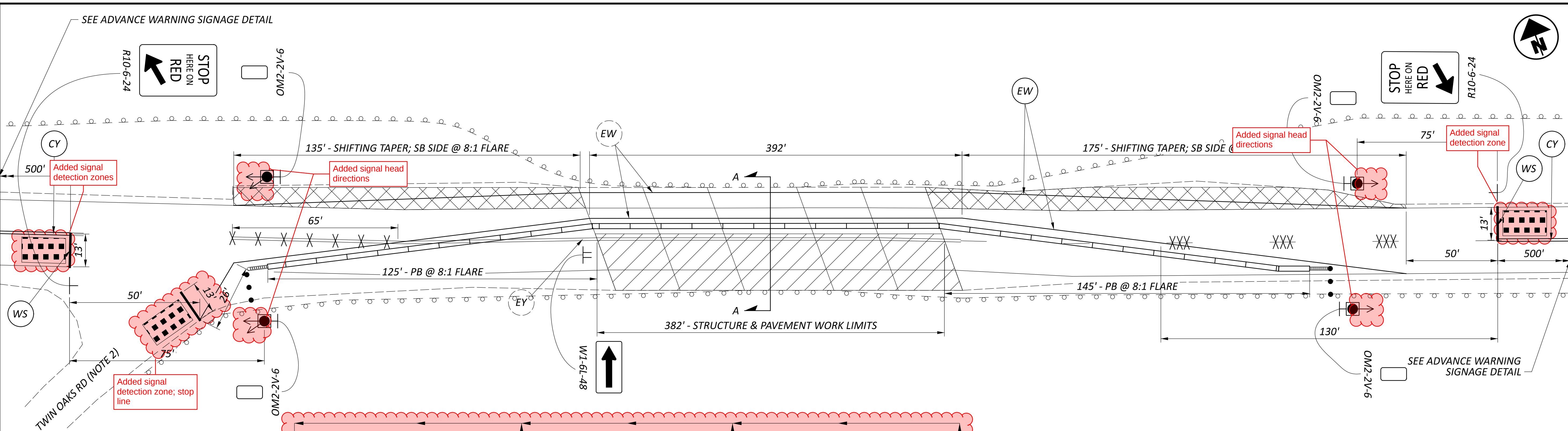
116747

SHEET

P.9

TOTAL

37

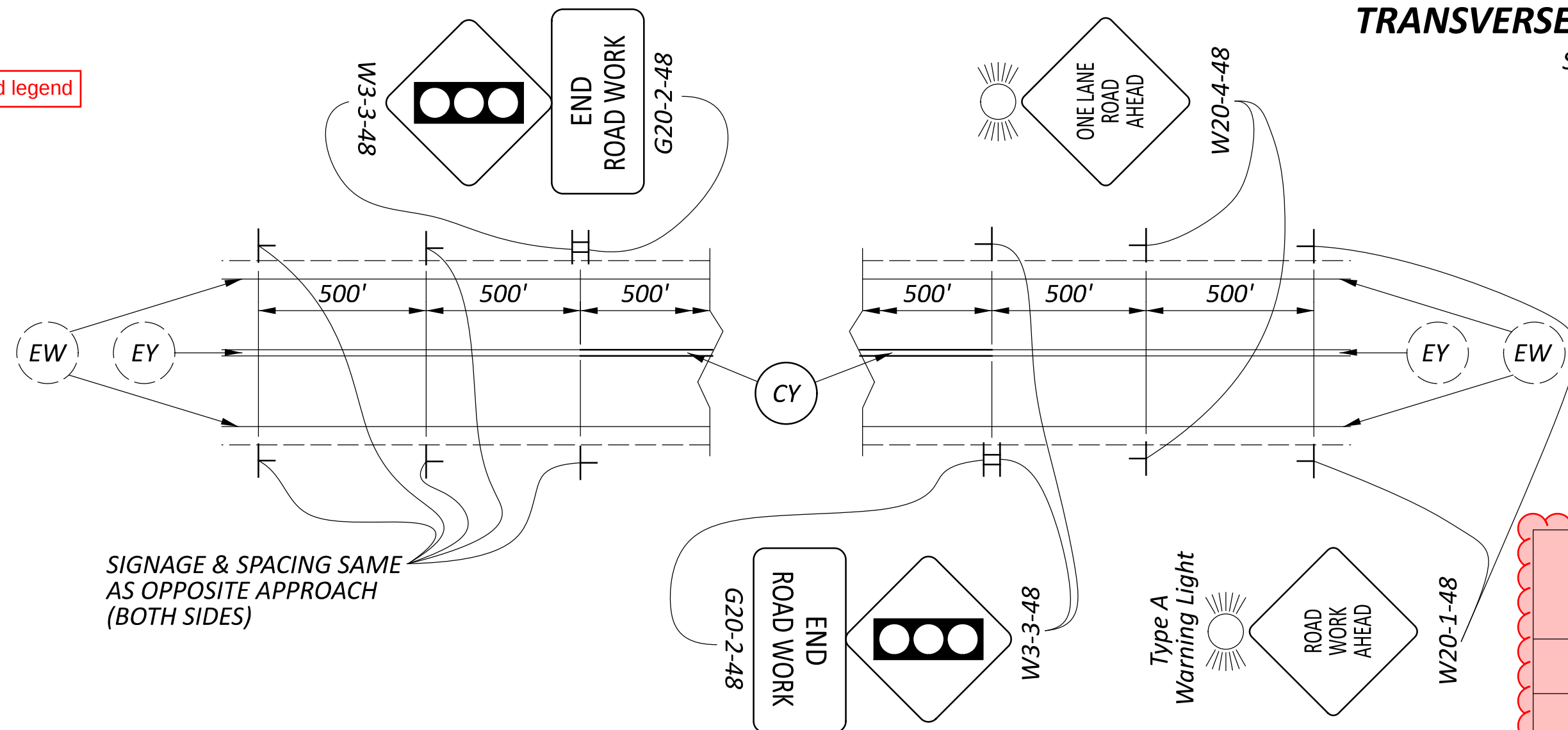
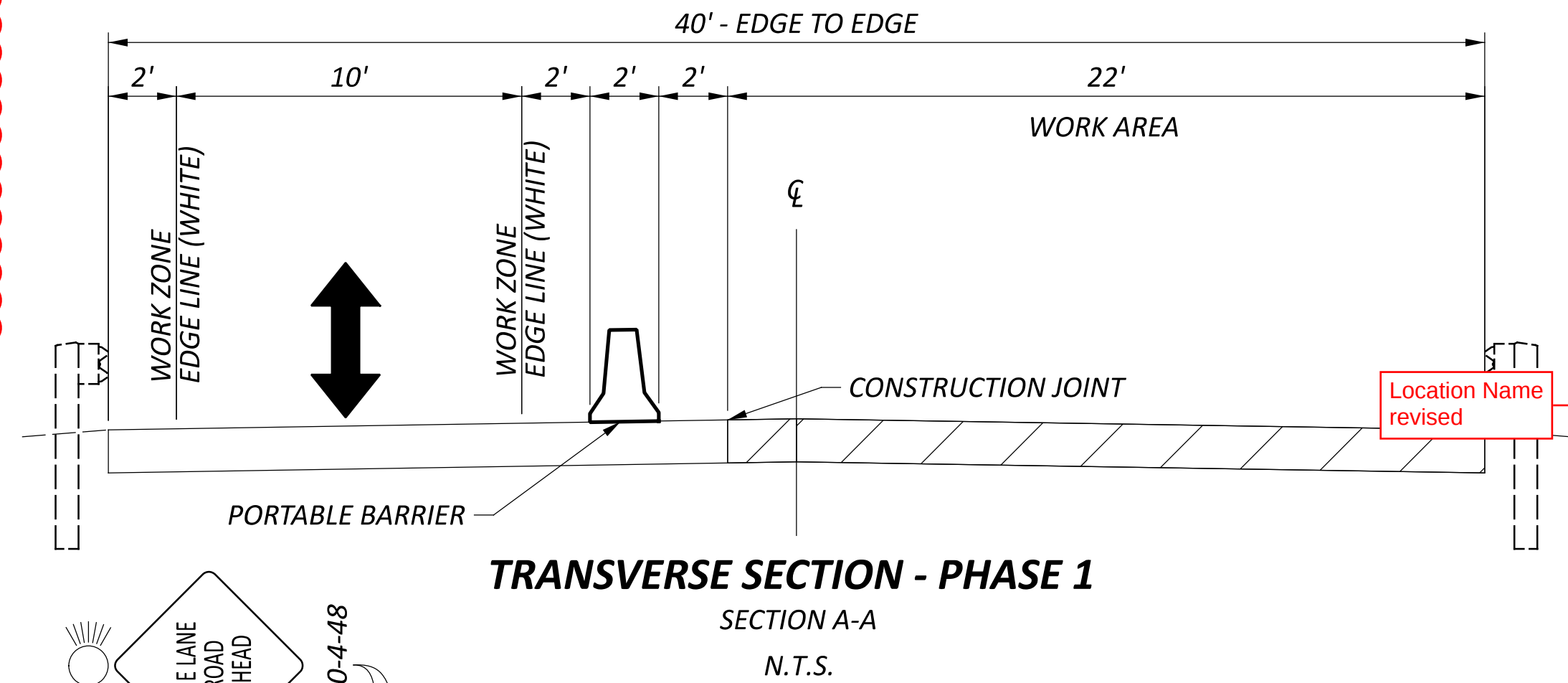
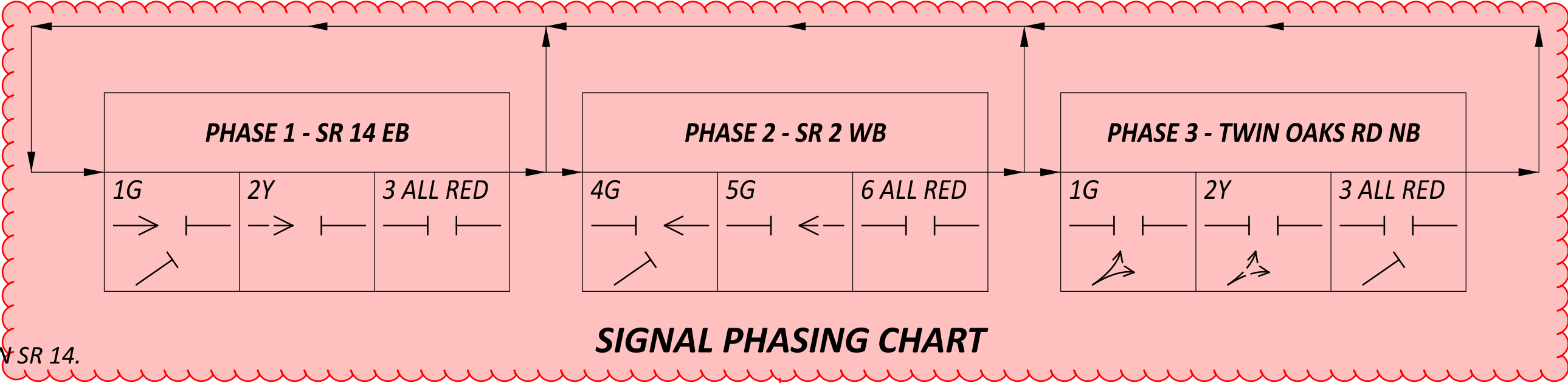


LEGEND AND NOTES:

- 1. INCLUDE SIGNS PER SCD MT-95.30 AND MT-95.50.
- 2. TWIN OAKS RD SHALL NOT BE BLOCKED BY TRAFFIC ON SR 14.

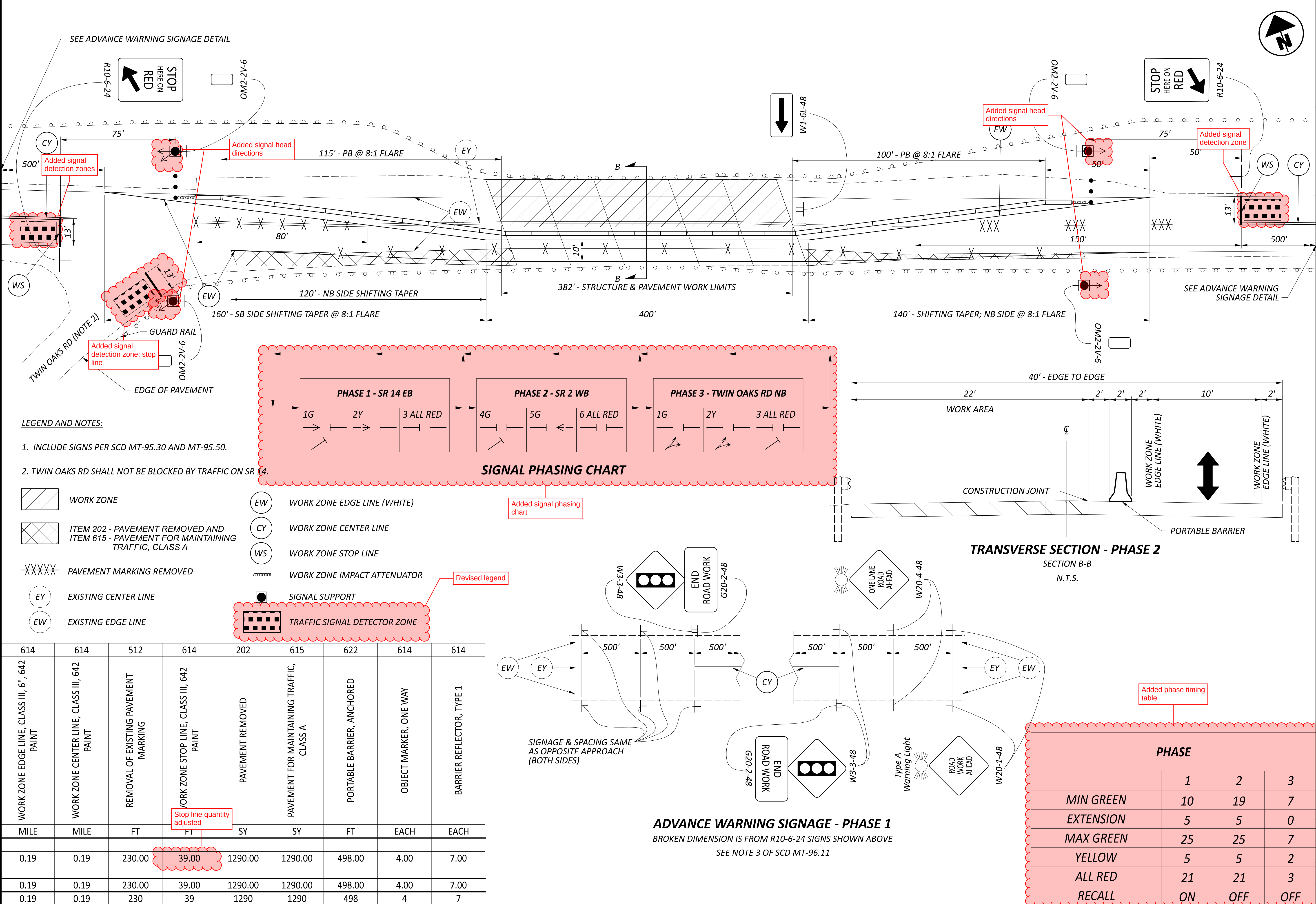
- WORK ZONE
- ITEM 202 - PAVEMENT REMOVED AND ITEM 615 - PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A
- PAVEMENT MARKING REMOVED
- EXISTING CENTER LINE
- EXISTING EDGE LINE
- WORK ZONE EDGE LINE (WHITE)
- WORK ZONE CENTER LINE
- WORK ZONE STOP LINE
- WORK ZONE IMPACT ATTENUATOR
- SIGNAL SUPPORT
- TRAFFIC SIGNAL DETECTOR ZONE

614	614	512	614	202	615	622	614	614
WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	REMOVAL OF EXISTING PAVEMENT MARKING	WORK ZONE STOP LINE, CLASS III, 642 PAINT	PAVEMENT REMOVED	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	PORTABLE BARRIER, ANCHORED	OBJECT MARKER, ONE WAY	BARRIER REFLECTOR, TYPE 1
MILE	MILE	FT	FT	SY	SY	FT	EACH	EACH
0.20	0.19	195.00	39.00	2500.00	2500.00	672.00	4.00	7.00
0.20	0.19	195.00	39.00	2500.00	2500.00	672.00	4.00	7.00
0.20	0.19	195	39	2500	2500	672	4	7



ADVANCE WARNING SIGNAGE - PHASE 1
BROKEN DIMENSION IS FROM R10-6-24 SIGNS SHOWN ABOVE
SEE NOTE 3 OF SCD MT-96.11
N.T.S.

PHASE	1	2	3
MIN GREEN	10	19	7
EXTENSION	5	5	0
MAX GREEN	25	25	7
YELLOW	5	5	2
ALL RED	21	21	3
RECALL	ON	OFF	OFF



614	614	512	614	202	615	622	614	614
WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	REMOVAL OF EXISTING PAVEMENT MARKING	WORK ZONE STOP LINE, CLASS III, 642 PAINT	PAVEMENT REMOVED	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	PORTABLE BARRIER, ANCHORED	OBJECT MARKER, ONE WAY	BARRIER REFLECTOR, TYPE 1
MILE	MILE	FT	FT	SY	SY	FT	EACH	EACH
0.19	0.19	230.00	39.00	1290.00	1290.00	498.00	4.00	7.00
0.19	0.19	230.00	39.00	1290.00	1290.00	498.00	4.00	7.00
0.19	0.19	230	39	1290	1290	498	4	7

PHASE			
	1	2	3
MIN GREEN	10	19	7
EXTENSION	5	5	0
MAX GREEN	25	25	7
YELLOW	5	5	2
ALL RED	21	21	3
RECALL	ON	OFF	OFF

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	QUANTITY SHEET ASSIGNMENTS HAVE BEEN REVISED TO MATCH CURRENT SHEET ORDER Curb Ramp Subsummary Drainage Subsummary RPM Subsummary Pavement Marking Subsummary							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				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										3	1	124				202	98100	124	EACH	REMOVAL MISC.: BARRIER REFLECTOR	P.6
	58							215				215				203	10000	215	CY	EXCAVATION	
												58				203	10000	58	CY	EXCAVATION (FOR PAVEMENT REPAIR)	
							502						502			204	10000	502	SY	SUBGRADE COMPACTION	
619							1					619	1			204	45000	1	HOURL	PROOF ROLLING	
												60200	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	
												25				611	04400	25	FT	12" CONDUIT, TYPE B	
												2				611	98370	2	EACH	CATCH BASIN, NO. 6	
												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											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
					1,967	3,037		10				5,014				424	14000	5,014	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448)	
					1,990							1,990				441	50100	1,990	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)	
									4			4				609	26000	4	FT	CURB, TYPE 6	
					385	379	2					763	3			617	10100	766	CY	COMPACTED AGGREGATE	
					7.06	11.60						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)	
						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

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MJP 08/14/26

PROJECT ID

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SHEET

P.13

TOTAL

37



GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

FA

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MJP 08/14/26

PROJECT ID

116747

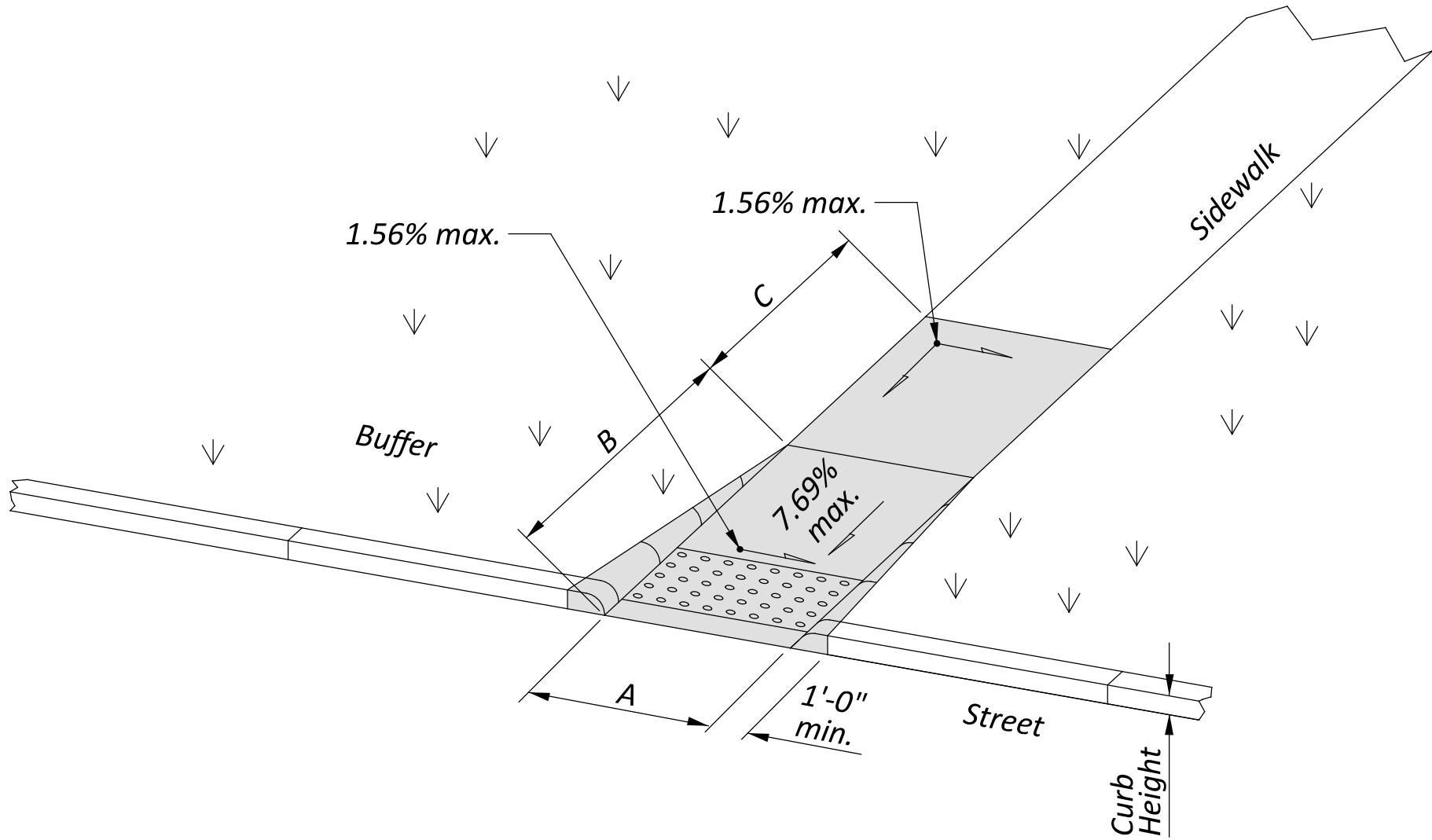
SHEET

P.14

TOTAL

37

MAIN ROUTE	INTERSECTION ROUTE	DESIGN SHEET	QUADRANT	CURB RAMP TYPE	DIMENSIONS (FEET)					COMMENT
					A	B	C	D	E	
US 224	NORTH ST		FL	A2	4	5	11			
US 224	NORTH ST		RL	A2						COMPLIANT

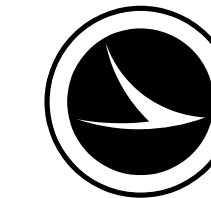


Type A2 (Perpendicular with returned curb)

MAIN ROUTE	INTERSECTING ROUTE	DESIGN SHEET	QUADRANT RL=REAR LT, RR=REAR RT FL=FWD LT, FR=FWD RT (LOOKING UPSTATION)	CURB RAMP TYPE (SCD BP-7.1, SHEET 2/3)	202	202	608	608	609	COMMENTS
					WALK REMOVED	CURB REMOVED	4" CONCRETE WALK	CURB RAMP	CURB, TYPE 6	
					SF	FT	SF	SF	FT	
US 224	NORTH ST		FL	A2	64.00	4.00	44.00	20.00	4.00	
US 224	NORTH ST		RL	A2						COMPLIANT
SUBTOTALS					64.00	4.00	44.00	20.00	4.00	
TOTALS CARRIED TO GENERAL SUMMARY					64	4	44	20	4	

CURB RAMP DIMENSIONS & SUBSUMMARY

DESIGN AGENCY



DESIGNER
SBD

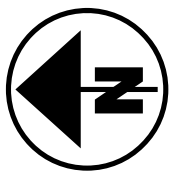
REVIEWER
MJP 08/14/26

PROJECT ID
116747

SHEET
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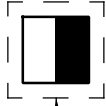
TOTAL
37

Sheet order revised

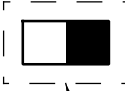


DEERFIELD
CIRCLE

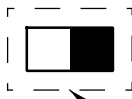
US-224



CB-1 @ SLM 25.44
(CIRCLE RESTAURANT LOT)



CB-2 @ SLM 25.45
(DEERFIELD FRIENDS CHURCH)



CB-3 @ SLM 25.49
(DEERFIELD FRIENDS CHURCH)

NOTES:

1. ALL MASONRY COLLARS SHALL BE AS PER SCD DM-1.1.

CATCH BASIN	SIDE (LOOKING UPSTATION)	202	202	611	611	611	611
		CATCH BASIN REMOVED	PIPE REMOVED, 24" AND UNDER	4" CONDUIT, TYPE B	12" CONDUIT, TYPE B	CATCH BASIN, NO. 6	CATCH BASIN, NO. 2-2C
		EACH	FT	FT	FT	EACH	EACH
SR 14							
CB-1	L	1	15	5	10		1
CB-2	R	1	5	5		1	
CB-3	R	1	15	5	10	1	
SUBTOTALS		3.00	35.00	15.00	20.00	2.00	1.00
TOTALS CARRIED TO GENERAL SUMMARY		3	35	15	20	2	1

CB-1 - DETAILS

BASIN GRATE ELEVATION: TO BE FLUSH WITH
EXISTING PAVEMENT GRADE

BASIN DEPTH: 4'-0"

PIPE CONNECTIONS -

- NORTH, 12" STEEL:
INVERT ELEV.: 3'-8" BELOW GRATE
- EAST, 12" STEEL:
INVERT ELEV.: 3'-8" BELOW GRATE
- SOUTH, 4" PVC:
INVERT ELEV.: 3'-8" BELOW GRATE

CB-2 - DETAILS

BASIN GRATE ELEVATION: TO BE FLUSH WITH
EXISTING PAVEMENT GRADE

BASIN DEPTH: 3'-6"

PIPE CONNECTIONS -

- WEST, 4" CLAY:
INVERT ELEV.: 3'-3" BELOW GRATE

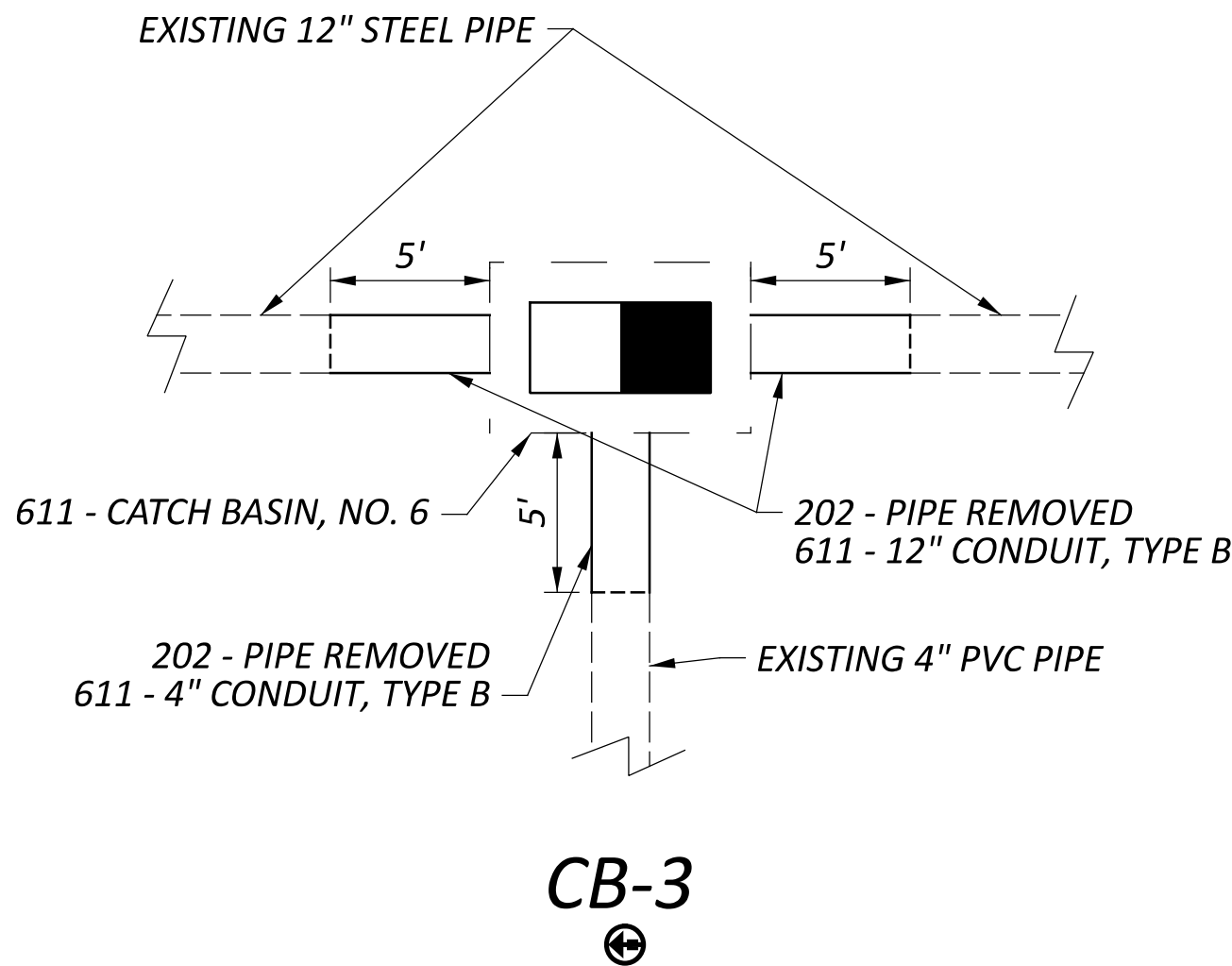
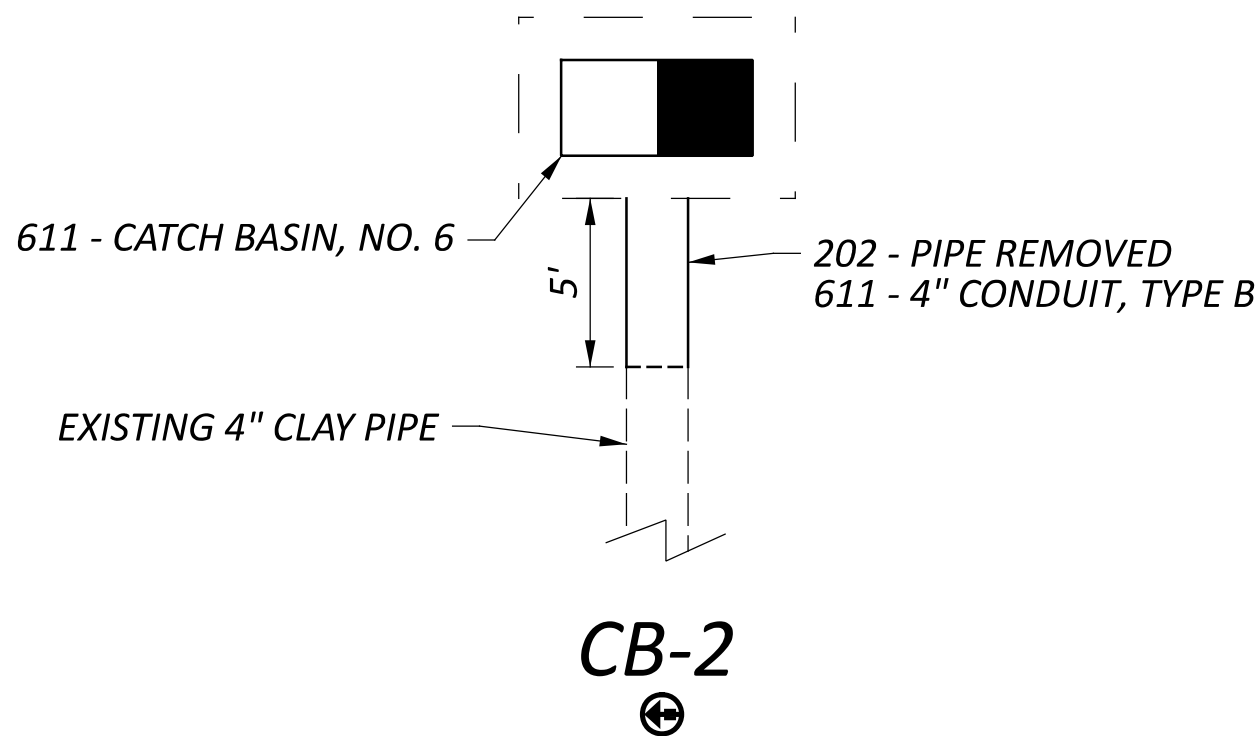
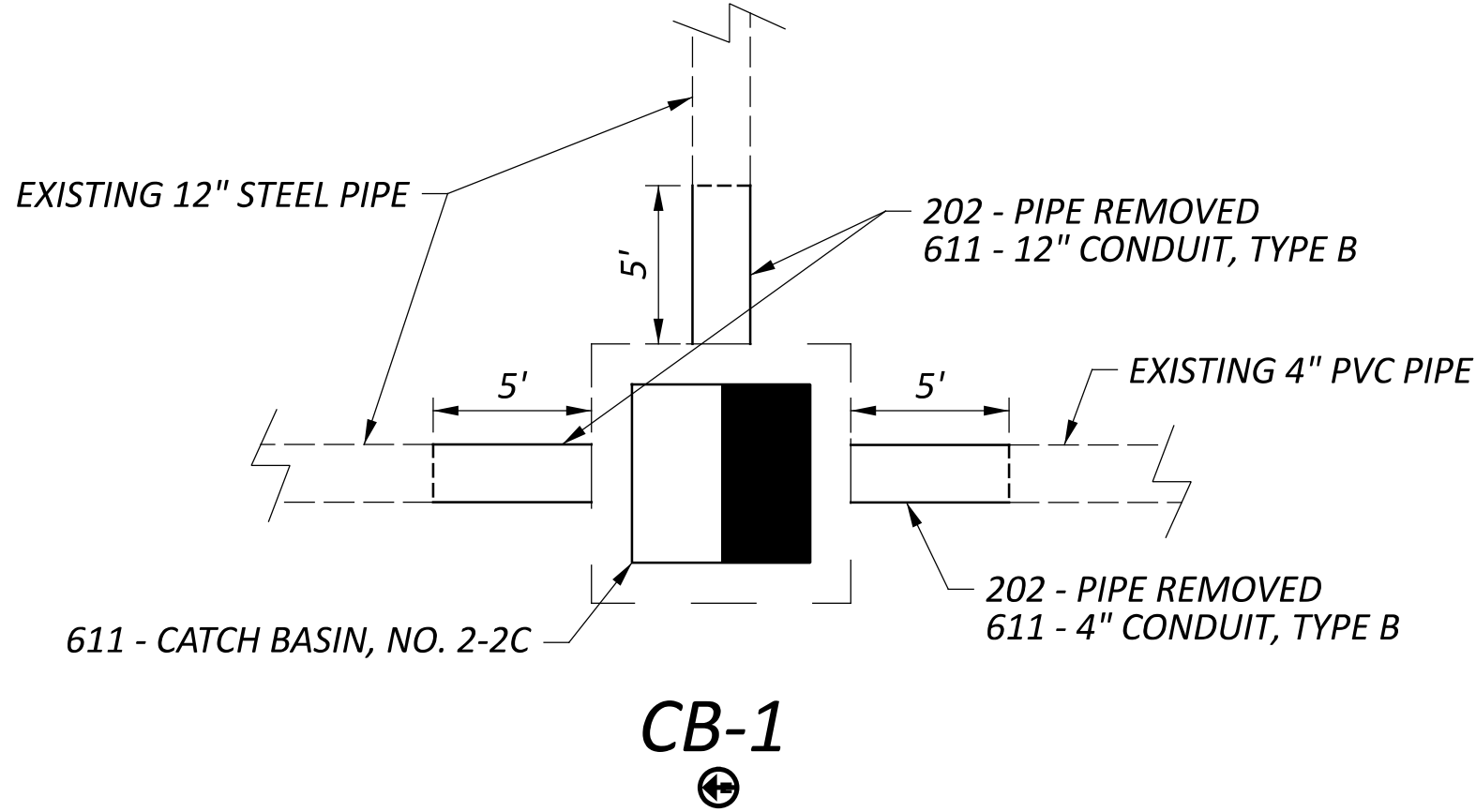
CB-3 - DETAILS

BASIN GRATE ELEVATION: TO BE FLUSH WITH
EXISTING PAVEMENT GRADE

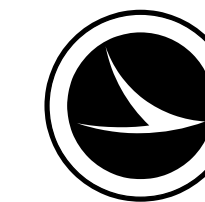
BASIN DEPTH: 4'-0"

PIPE CONNECTIONS -

- NORTH, 12" STEEL:
INVERT ELEV.: 3'-4" BELOW GRATE
- WEST, 4" PVC:
INVERT ELEV.: 2'-0" BELOW GRATE
- SOUTH, 12" STEEL:
INVERT ELEV.: 3'-3" BELOW GRATE



Sheet order revised





- NOTES**
- 1. ALL MASONRY COLLARS SHALL BE AS PER SCD DM-1.1.
 - 2. THE CONTRACTOR SHALL AVOID CUTTING INTO EXISTING PAVEMENT ON TWIN OAKS DR WHEN REPLACING PIPE.

BRIDGEVIEW DR

SR-14

Additional work added

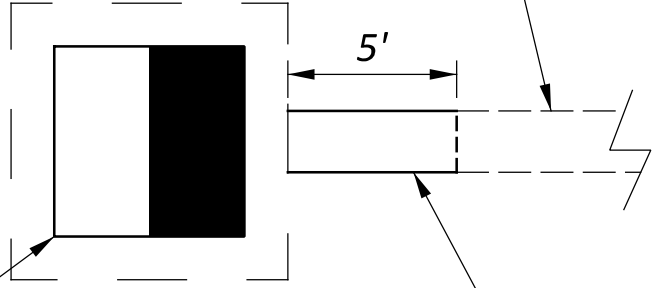
CB-4 @ SLM 26.45
(TWIN OAKS DR
INTERSECTION)

TWIN OAKS DR

CB-4 - DETAILS
BASIN GRATE ELEVATION: TO BE FLUSH WITH
EXISTING PAVEMENT GRADE
BASIN DEPTH: 3'-6"
PIPE CONNECTIONS -
- SOUTHEAST, TOWARDS TWIN OAKS DR, 12" STEEL:
INVERT ELEV.: 3'-6" BELOW GRATE

BERLIN LAKE

EXISTING 12" STEEL PIPE



611 - CATCH BASIN, NO. 2-2C

202 - PIPE REMOVED
611 - 12" CONDUIT, TYPE B

CB-4



CATCH BASIN	SIDE (LOOKING UPSTATION)	202	202	611	611
		CATCH BASIN REMOVED	PIPE REMOVED, 24" AND UNDER	12" CONDUIT, TYPE B	CATCH BASIN, NO. 2-2C
		EACH	FT	FT	EACH
SR 14					
CB-4	R	1	10	10	1
SUBTOTALS		1.00	10.00	10.00	1.00
TOTALS CARRIED TO GENERAL SUMMARY		1	10	10	1

DRAINAGE DETAILS

DESIGN AGENCY



DESIGNER

SBD

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MJP 08/14/26

PROJECT ID

116747

SHEET

P.23

TOTAL

37

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Sheet order revised

POR-224/VAR-18.67/VAR

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EDGE LINE													GENERAL SPEC: 640	
													MATERIAL TYPE: 646	
CTY	ROUTE	FROM		TO		WHITE EDGE LINE, 6"			YELLOW EDGE LINE, 6"			COMMENTS		
		TRUE LOG		TRUE LOG		TOTAL	HIGHWAY	RAMP	TOTAL	HIGHWAY	RAMP			
POR	US 224	18.67	SR 14	21.22	MAHONING COUNTY LINE	5.10								
POR	SR 14	25.41	US 224	28.77	MAHONING COUNTY LINE	6.72								
POR	SR 225	5.24	US 224	11.04	0.31 MILES N OF IR 76	11.60								
POR	SR 14	ODNR PARKING AREA				0.08								
TOTAL						23.50								

LANE LINE									
CTY	ROUTE	FROM		TO		TOTAL MILES	6" LANE LINE		COMMENTS
		TRUE LOG		TRUE LOG			DASHED	SOLID	
TOTAL									

CENTER LINE									
CTY	ROUTE	FROM		TO		TOTAL MILES	EQUIVALENT SOLID LINE	COMMENTS	
		TRUE LOG		TRUE LOG					
POR	US 224	18.67	SR 14	21.22	MAHONING COUNTY LINE	2.55	2.18		
POR	SR 14	25.41	US 224	28.77	MAHONING COUNTY LINE	3.36	3.89		
POR	SR 225	5.24	US 224	11.04	0.31 MILES N OF IR 76	5.80	9.40		
TOTAL						11.71	15.47		

*24" HIGH VISIBILITY										AUXILIARY											
CTY	ROUTE LOCATION	TRUE LOG	CHANNEL LINE, 8"	CHANNEL LINE, 12"	STOP LINE	*CROSS WALK LINES	TRANSVERSE DIAGONAL LINES		PARKING STALL LINES	SYMBOL MARKINGS			LANE ARROWS				REDUCT. ARROW	WORD ON PVMT ONLY		DOTTED LINES, 6"	COMMENTS
							WHITE	YELLOW		R x R	SCHOOL		TURN LEFT	TURN RIGHT	THRU	COMB.					
			FT	FT	FT	FT	FT	FT			72"	96"						72"	96"		
POR	US 224 @ SR 14	18.67			22																
POR	SR 14 @ US 224	25.41			38																
POR	SR 225 @ SR 14	5.24			13																
POR	SR 225 @ TALLMADGE RD.	10.24			29																
POR	SR 225 @ LOVE'S TRAVEL STOP	10.84	725										3	6							
POR	ODNR PARKING AREA ON SR 14		117				108		138												
TOTAL			842		102		108		138				3	6							

Sheet order revised

PAVEMENT MARKING SUBSUMMARY

DESIGN AGENCY



DESIGNER

FA

REVIEWER

MJP 08/14/26

PROJECT ID

116747

SHEET	TOTAL
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P.25



[illegible]

NOTE 1	I-h25b, MOUNTED UNDER OM-3R IF SPECIFIED, USE EXPRESSWAY / FREEWAY STRUCTURE INFO
NOTE 2	OM-3L
NOTE 3	OM-3R
NOTE 4	I-h25b, MOUNTED UNDER MAINLINE STRUCTURE ID SIGN, USE INTERSECTING ROADWAY STRUCTURE INFO

Sheet order revised

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 503 - COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN

THE DESIGN SHOWN ON THE PLANS FOR TEMPORARY SUPPORT OF EXCAVATION IS ONE REPRESENTATIVE DESIGN THAT MAY BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR MAY CONSTRUCT THE DESIGN SHOWN ON THE PLANS OR PREPARE AN ALTERNATE DESIGN TO SUPPORT THE SIDES OF EXCAVATION. IF CONSTRUCTING AN ALTERNATE DESIGN FOR TEMPORARY SUPPORT OF EXCAVATION, PREPARE AND PROVIDE PLANS IN ACCORDANCE WITH C&MS 501.05. THE DEPARTMENT WILL PAY FOR THE TEMPORARY SUPPORT OF EXCAVATION AT THE CONTRACT LUMP SUM PRICE FOR COFFERDAMS AND EXCAVATION BRACING. THE DEPARTMENT WILL NOT MAKE ADDITIONAL PAYMENT FOR PROVIDING AN ALTERNATE DESIGN.

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 ABL 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.

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.

Sheet order revised

SFN	
VARIOUS	
DESIGN AGENCY	
DESIGNER	CHECKER
SBD	JF
REVIEWER	
RC 08/14/26	
PROJECT ID	
116747	
SUBSET	TOTAL
1	11
SHEET	TOTAL
P.27	37

LOCATION	BRIDGE NUMBER	STRUCTURAL FILE NUMBER	INTERSECTING FEATURE	STRUCTURE TYPE	STRUCTURE LIMITS	BRIDGE WIDTH (OUT/OUT)	MOT TREATMENT	MOT REF. SHEET	PROPOSED WORK (WORK SHOWN IS REPRESENTATIVE AND DOES NOT INCLUDE ALL WORK REQUIRED)
1	POR-14-26.510	6701000	SR 14 OVER BERLIN RESERVOIR	3-SPAN, CONTINUOUS COMPOSITE STEEL BEAMS	282.12'	40'-0"	SIGNALIZED LANE CLOSURE; 1-WAY BIDIRECTIONAL	P.11 - P.12	REMOVE EXISTING REINFORCED CONCRETE APPROACH SLABS AND REPLACE WITH NEW REINFORCED CONCRETE APPROACH SLABS. APPROACH SLABS SHALL BE CONSTRUCTED USING TYPE A INSTALLATION.
									REMOVE AND REPLACE PORTIONS OF THE EXISTING REINFORCED CONCRETE ABUTMENT WALLS AS SHOWN IN THE PLANS. SEAL CONCRETE WITH EPOXY-URETHANE SEALER.
									PATCH SPALLS ON CONCRETE PIERS, PIER CAPS AND ABUTMENTS. SEAL PATCHES WITH EPOXY-URETHANE SEALER.
									REMOVE AND REPAIR SPALLS ON THE CONCRETE DECK UNDERSIDE AND EDGES. COAT REINFORCING STEEL WITH A ZINC RICH PRIMER.
									REMOVE EXISTING SEALANT FROM PIER AND PIER CAP SURFACES AND RESEAL WITH EPOXY-URETHANE SEALER.
2	POR-225-7.406	6704205	SR 225 OVER TRIBUTARY OF KALE CREEK	10' X 7' PRECAST REINFORCED CONCRETE BOX CULVERT	12.00'	40'-0"	N/A		CLEAR SILT AND VEGETATION BUILDUP AND RESTORE CHANNEL AT THE INLET, OUTLET, AND WITHIN THE STRUCTURE.
3	POR-225-7.641	6703984	SR 225 OVER UNNAMED STREAM	10' X 6' FOUR SIDED REINFORCED CONCRETE BOX	12.00'	96'-0"	N/A		CLEAR SILT AND VEGETATION BUILDUP AND RESTORE CHANNEL AT THE INLET, OUTLET, AND WITHIN THE STRUCTURE.
4	POR-225-8.967	6704026	SR 225 OVER BR KALE CREEK	2-SPAN, TWIN CORRUGATED STEEL ARCH PIPE CULVERT	17.00'	52'-0"	N/A		CLEAR SILT AND VEGETATION BUILDUP AND RESTORE CHANNEL AT THE INLET, OUTLET, AND WITHIN THE STRUCTURE.

Intersecting Feature
section added

PROPOSED WORK

SFN
VARIOUS

DESIGN AGENCY

DESIGNER
SBD

CHECKER
JF

REVIEWER
RC 08/14/26

PROJECT ID
116747

SUBSET
2

TOTAL
11

SHEET
P.28

TOTAL
37

Sheet order revised

						CALC: SBD		DATE: 6/8/2026	
						CHECKED: RC		DATE: 6/18/2026	
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	224	SY	APPROACH SLAB REMOVED				224	
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				"APPROACH SLAB" work has been moved to the "GENERAL" section
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	50	FT	TYPE A INSTALLATION				50	
SPECIAL	53000800	80	SY	STRUCTURES: CONCRETE SPALL REMOVAL WITH ZINC RICH PRIMER APPLIED			80		P.27

- NOTES:
1. ALL #5 DOWELS SHALL BE EMBEDDED A MINIMUM OF 9" INTO EXISTING CONCRETE

NOTES:

- 1. DETAILS ON THIS SHEET ARE TAKEN FROM EXISTING PLANS AND SHOULD BE USED FOR INFORMATION PURPOSES ONLY.**
- 2. PERFORM ONLY THE WORK AS INDICATED IN THE LEGEND, ESTIMATED QUANTITIES, AND/OR AS DESCRIBED IN THE GENERAL NOTES.**



Estimated Quantities table has been revised to properly show work assigned.

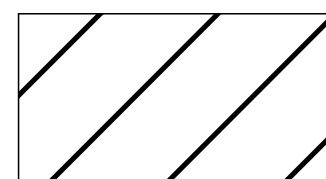
No quantity changes.

CALC:	SBD	DATE:	6/8/2026
CHECKED:	RC	DATE:	6/18/2026

LOCATION 2 - ESTIMATED QUANTITIES (04/STR)

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SEE SHEET
202	98000	LS		REMOVAL MISC.: CHANNEL CLEANOUT				LS	P.27

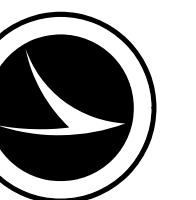
LEGEND



ITEM 202 - REMOVAL MISC.: CHANNEL
CLEANOUT

LOCATION 2 - POR-225-7.406
SR 225 OVER TRIBUTARY OF KALE CREEK

N
6704205



DESIGNER	CHECKER
SBD	JF

REVIEWER	
RC	08/14/26

PROJECT ID	116747
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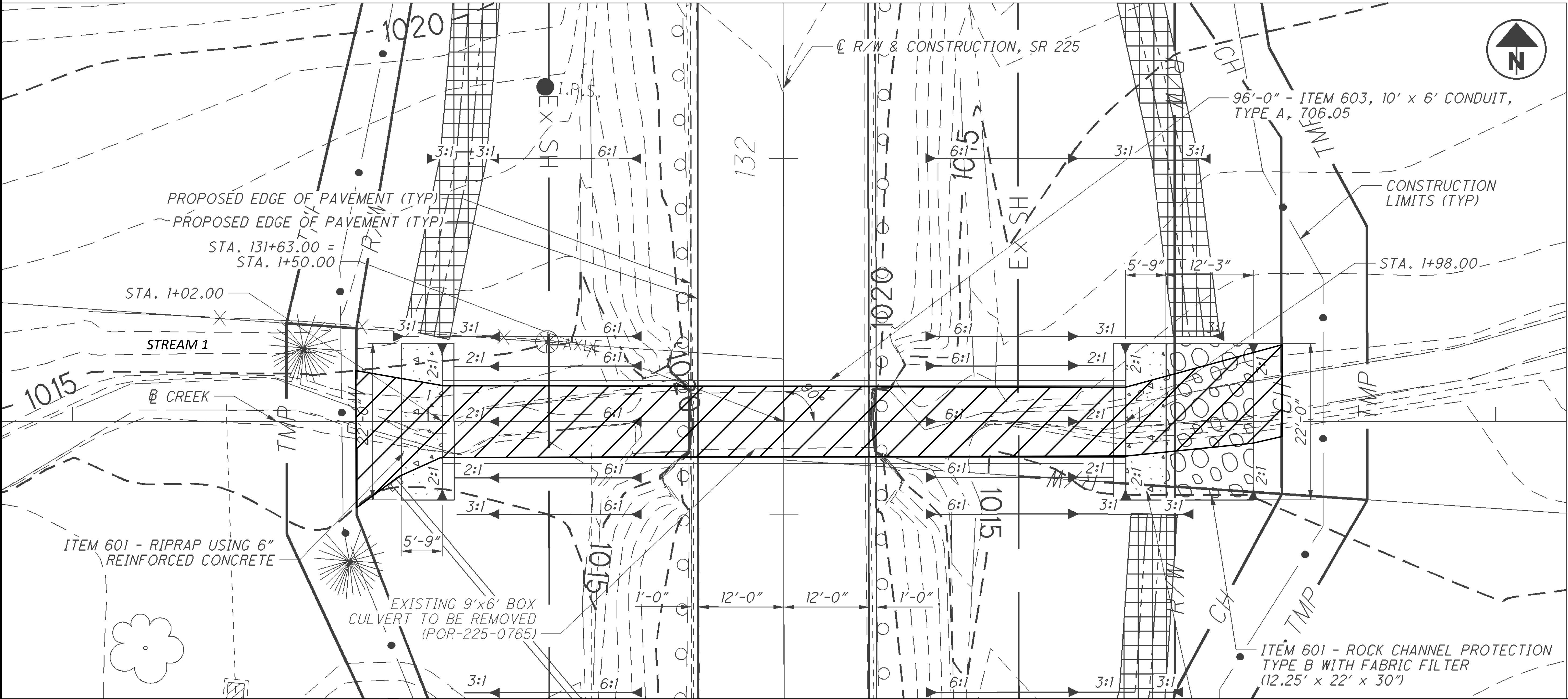
SUBSET	TOTAL
9	11

SHEET	TOTAL
P.35	37

PROPOSED WORK LAYOUT

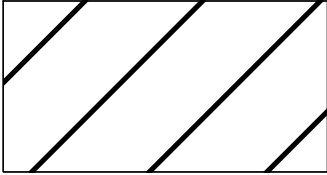
NOTES:

- 1. DETAILS ON THIS SHEET ARE TAKEN FROM EXISTING PLANS AND SHOULD BE USED FOR INFORMATION PURPOSES ONLY.
- 2. PERFORM ONLY THE WORK AS INDICATED IN THE LEGEND, ESTIMATED QUANTITIES, AND/OR AS DESCRIBED IN THE GENERAL NOTES.



Estimated Quantities table has been revised to properly show work assigned.
No quantity changes.

LEGEND

 ITEM 202 - REMOVAL MISC.: CHANNEL CLEANOUT

CALC:	SBD	DATE:	6/8/2026
CHECKED:	RC	DATE:	6/18/2026

LOCATION 3 - ESTIMATED QUANTITIES (04/STR)									
ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SEE SHEET
202	98000	LS		REMOVAL MISC.: CHANNEL CLEANOUT				LS	P.27

STRUCTURE DETAILS - CHANNEL CLEANOUT
LOCATION 3 - POR-225-7.641
SR 225 OVER UNNAMED STREAM

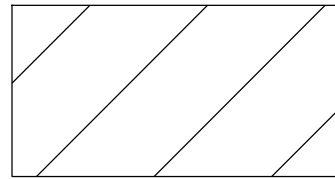
SFN
6703984
DESIGN AGENCY



DESIGNER	CHECKER
SBD	JF
REVIEWER	
RC 08/14/26	
PROJECT ID	
116747	
SUBSET	TOTAL
10	11
SHEET	TOTAL
P.36	37

PROPOSED WORK LAYOUT

- NOTES:
- 1. DETAILS ON THIS SHEET ARE TAKEN FROM EXISTING PLANS AND SHOULD BE USED FOR INFORMATION PURPOSES ONLY.
 - 2. PERFORM ONLY THE WORK AS INDICATED IN THE LEGEND, ESTIMATED QUANTITIES, AND/OR AS DESCRIBED IN THE GENERAL NOTES.



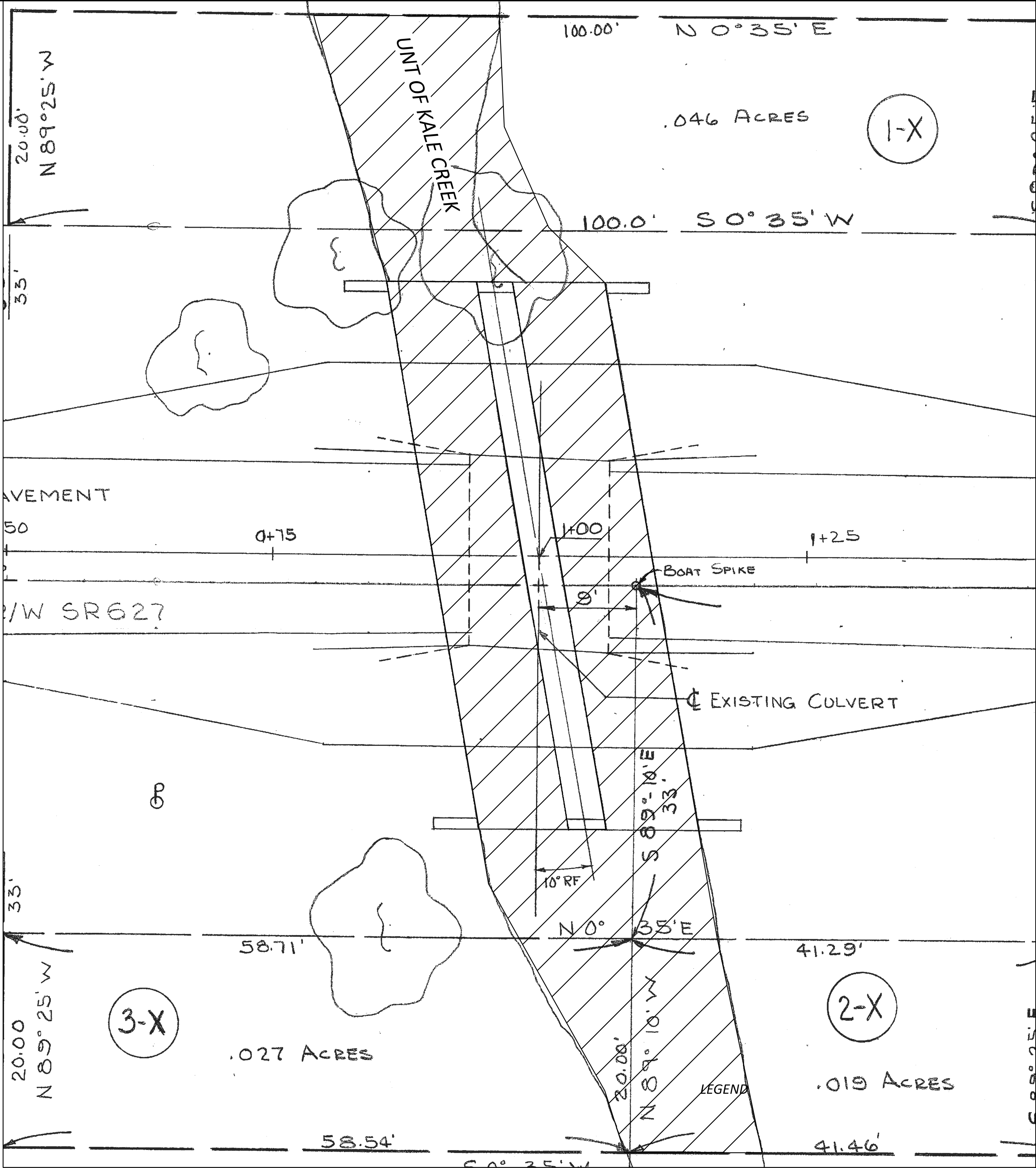
ITEM 202 - REMOVAL MISC.: CHANNEL CLEANOUT

Estimated Quantities table has been revised to properly show work assigned.
No quantity changes.

LOCATION 4 - ESTIMATED QUANTITIES (04/STR)

ITEM	EXTENSION	TOTAL	UNIT	DESCRIPTION	ABUT.	PIERS	SUPER.	GEN.	SEE SHEET
202	98000	LS		REMOVAL MISC.: CHANNEL CLEANOUT				LS	P.27

CALC:	SBD	DATE:	6/8/2026
CHECKED:	RC	DATE:	6/18/2026



STRUCTURE DETAILS - CHANNEL CLEANOUT
LOCATION 4 - POR-225-8.967
SR 225 OVER BR KALE CREEK

SFN
6704026
DESIGN AGENCY



DESIGNER	CHECKER
SBD	JF
REVIEWER	
RC 08/14/26	
PROJECT ID	
116747	
SUBSET	TOTAL
11	11
SHEET	TOTAL
P.37	37