

ARKANSAS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLANS FOR STATE HIGHWAY



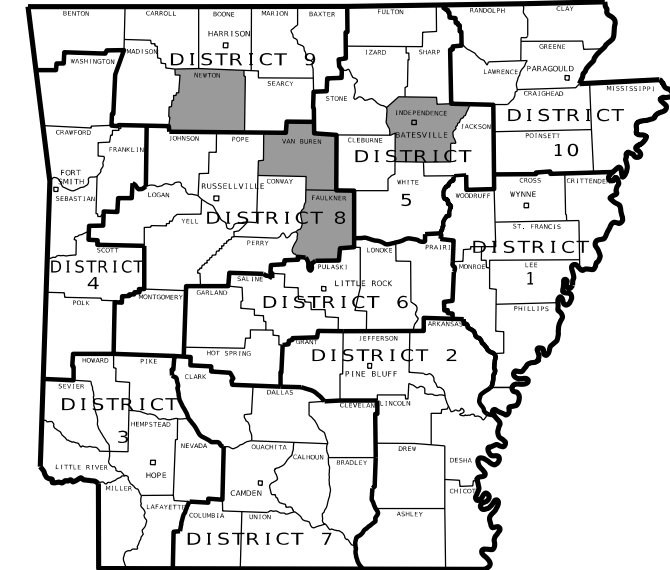
DISTRICTS 5, 8 & 9
PAVEMENT FRICTION IMPVTS. (UTBWC) (S)

VARIOUS COUNTIES
ROUTE VARIOUS SECTIONS VARIOUS

JOB 012539

FED. AID PROJ. HSIP-0076(377)

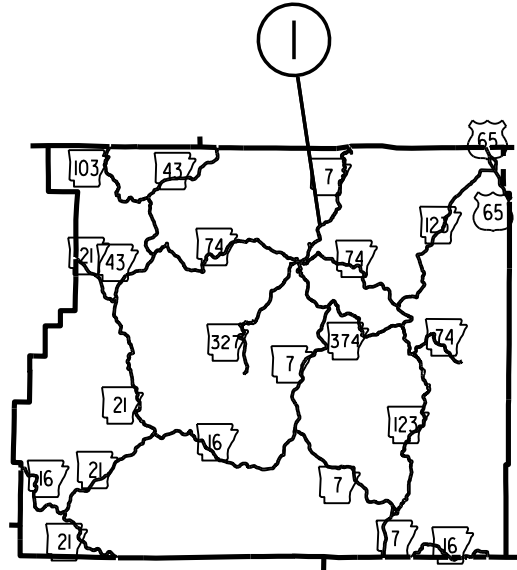
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	1	19
FED. AID PROJ. NO.				HSIP-0076(377)		
DISTRICTS 5, 8 & 9 PAVEMENT FRICTION IMPVTS. (UTBWC) (S)						



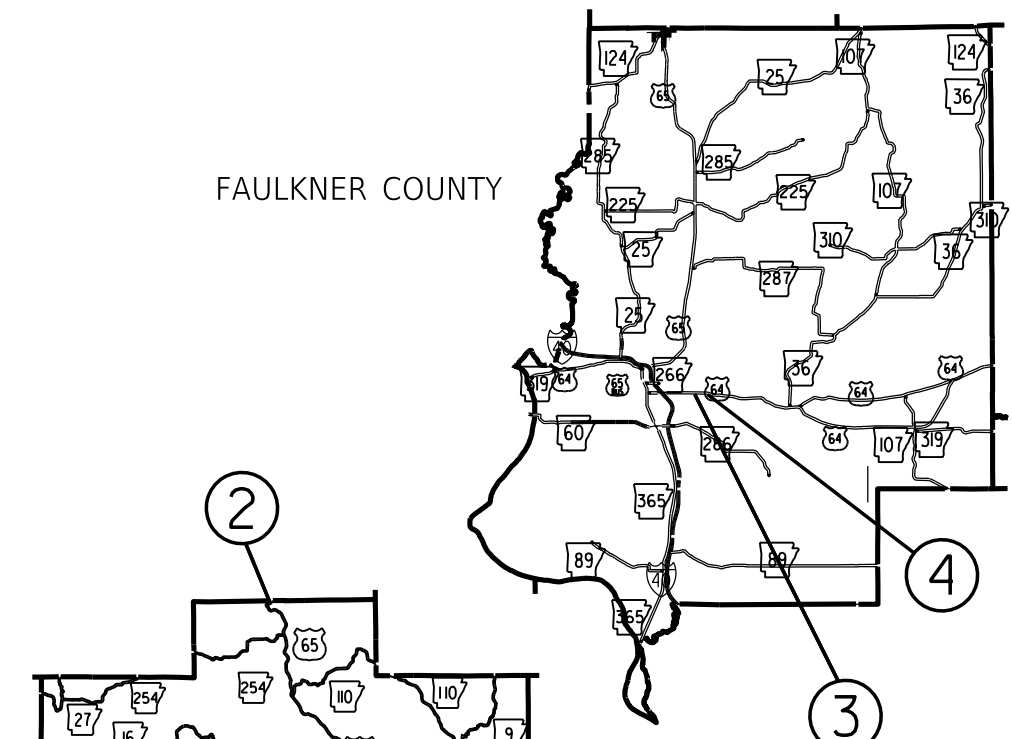
ARK. HWY. DIST. NO. 5, 8, & 9

KEY	COUNTY	ROUTE	SECTION	BEG. LOG MILE	END LOG MILE
1	NEWTON	HWY. 7	18	16.90	18.20
2	VAN BUREN	HWY. 65	7	0.19	1.70
3	FAULKNER	HWY. 64	9	3.36	3.76
4	FAULKNER	HWY. 64	9	5.70	6.70
5	INDEPENDENCE	HWY. 167	18	8.00	9.08

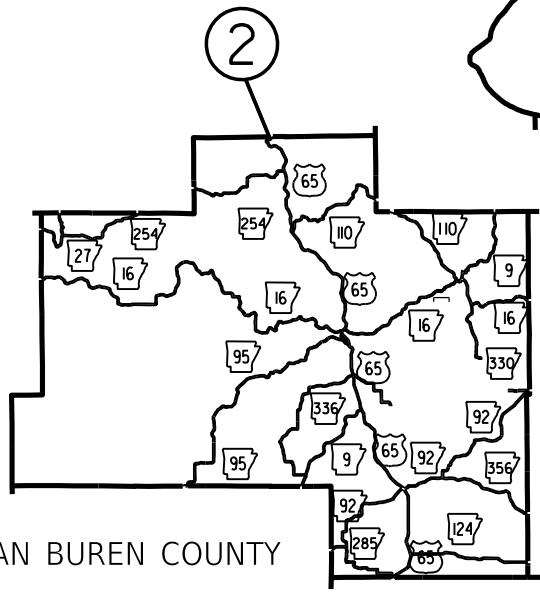
NOT TO SCALE



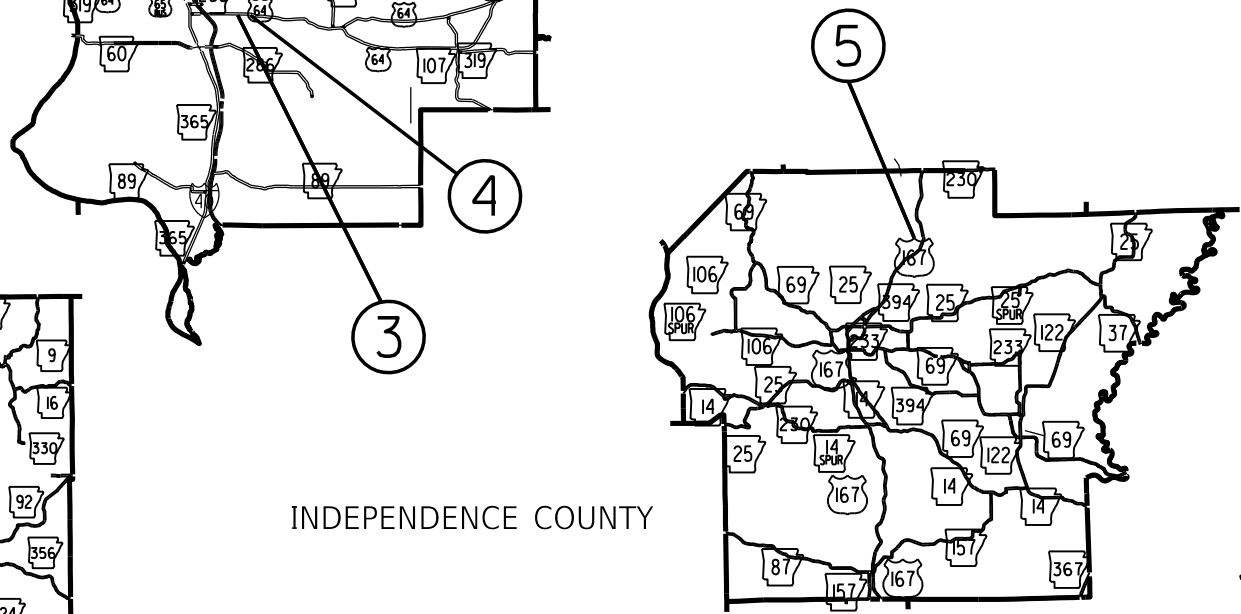
NEWTON COUNTY



FAULKNER COUNTY



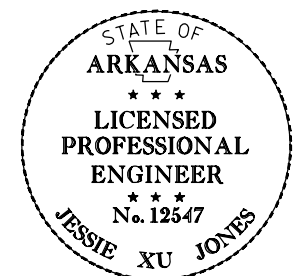
VAN BUREN COUNTY



INDEPENDENCE COUNTY



APPROVED

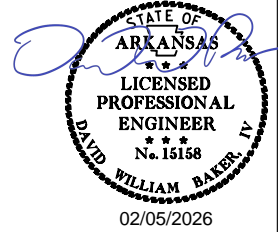


	NEWTON.	VAN BUREN.	FAULKNER.	INDEPENDENCE.
GROSS LENGTH OF PROJECT	27931.20 FEET OR	5.290 MILES		
NET " " ROADWAY	27931.20 " "	5.290 MILES		
NET " " BRIDGES	00.00 " "	00.00 MILES		
NET " " PROJECT	27931.20 " "	5.290 MILES		

CHIEF ENGINEER - PRECONSTRUCTION

012539 TITLE SHEET.DGN CREATED: 3/4/2025 3:41:25 PM SAVED: 12/10/2025 11:58:15 AM

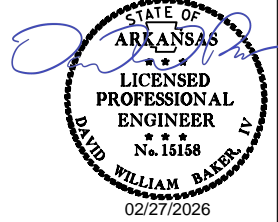
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/4/2026		6	ARK.	012539	2	20
INDEX OF SHEETS AND STANDARD DRAWINGS						



SHEET NO.	INDEX OF SHEETS	TITLE
1	TITLE SHEET	
2	INDEX OF SHEETS AND STANDARD DRAWINGS	
3	GOVERNING SPECIFICATIONS AND GENERAL NOTES	
4 - 6	TYPICAL SECTIONS OF IMPROVEMENT	
7 - 9	SPECIAL DETAILS	
10 - 11	MAINTENANCE OF TRAFFIC DETAILS	
12 - 16	PERMANENT PAVEMENT MARKING DETAILS	
17 - 19	QUANTITIES	
20	SUMMARY OF QUANTITIES AND REVISIONS	

DRWG. NO.	ROADWAY STANDARD DRAWINGS	TITLE	DATE
PM-1	PAVEMENT MARKING DETAILS		02-27-20
TC-1	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION		08-14-25
TC-2	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION		08-14-25
TC-3	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION		08-14-25
TC-6	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION		01-22-26

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/23/2026		6	ARK.	012539	3	20
2/27/2026						
GOVERNING SPECIFICATIONS AND GENERAL NOTES						



GOVERNING SPECIFICATIONS

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS:

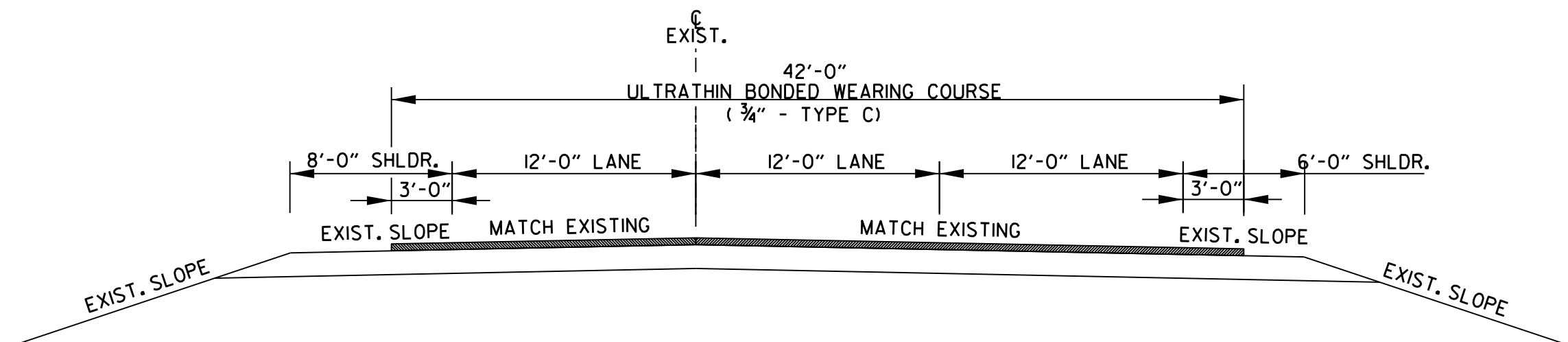
NUMBER	TITLE
ERRATA	ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS
FHWA-1273	REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - NOTICE TO CONTRACTORS
FHWA-1273	SUPPLEMENT - SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES (23 U.S.C. 140)
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - GOALS AND TIMETABLES
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - FEDERAL STANDARDS
FHWA-1273	SUPPLEMENT - POSTERS AND NOTICES REQUIRED FOR FEDERAL-AID PROJECTS
FHWA-1273	SUPPLEMENT - WAGE RATE DETERMINATION
100-3	CONTRACTOR'S LICENSE
100-4	DEPARTMENT NAME CHANGE
102-2	ISSUANCE OF PROPOSALS
102-3	PREQUALIFICATION OF BIDDERS
103-2	CONTACT INFORMATION FOR MOTORIST DAMAGE CLAIMS
105-4	MAINTENANCE DURING CONSTRUCTION
107-2	RESTRAINING CONDITIONS
108-1	LIQUIDATED DAMAGES
108-2	WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER
108-3	WORK ORDER FOR FIXED COMPLETION DATE CONTRACTS
306-1	QUALITY CONTROL AND ACCEPTANCE
400-1	TACK COATS
400-4	DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
400-5	PERCENT AIR VOIDS FOR ACHM MIX DESIGNS
400-6	LIQUID ANTI-STRIP ADDITIVE
400-7	TRACKLESS TACK
404-3	DESIGN OF ASPHALT MIXTURES
409-2	ASPHALT LABORATORY FACILITY
410-1	CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES
410-2	DEVICES FOR MEASURING DENSITY FOR ROLLING PATTERNS
410-4	EVALUATION OF ACHM SUBLOT REPLACEMENT MATERIAL
416-1	RECYCLED ASPHALT PAVEMENT
603-1	LANE CLOSURE NOTIFICATION
604-1	RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
604-3	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)
JOB 012539	ACHM SURFACE COURSE - THINLAY
JOB 012539	BIDDING REQUIREMENTS AND CONDITIONS
JOB 012539	BUY AMERICA - CONSTRUCTION MATERIALS
JOB 012539	CARGO PREFERENCE ACT REQUIREMENTS
JOB 012539	COLD MILLING - MILL AND INLAY
JOB 012539	DESIGN AND QUALITY CONTROL ASPHALT MIXTURES
JOB 012539	DOCUMENTATION OF PAYMENTS MADE TO DISADVANTAGED BUSINESS ENTERPRISES
JOB 012539	DOCUMENTATION OF PAYMENTS MADE TO SUBCONTRACTORS
JOB 012539	ELECTRONIC TICKETING SYSTEMS (E-TICKETING)
JOB 012539	LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
JOB 012539	LONGITUDINAL JOINT DENSITIES FOR ACHM SURFACE COURSES
JOB 012539	MANDATORY ELECTRONIC CONTRACT
JOB 012539	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB 012539	PARTNERING REQUIREMENTS
JOB 012539	PRICE ADJUSTMENT FOR ASPHALT BINDER
JOB 012539	PRICE ADJUSTMENT FOR FUEL
JOB 012539	PROHIBITION OF CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT
JOB 012539	ROADWAY CONSTRUCTION CONTROL - PAVEMENT PRESERVATION
JOB 012539	RUMBLE STRIPS
JOB 012539	SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB 012539	ULTRATHIN BONDED WEARING COURSE
JOB 012539	USE OF FOREIGN MADE UNMANNED AIRCRAFT SYSTEMS
JOB 012539	UTILITY ADJUSTMENTS
JOB 012539	VALUE ENGINEERING
JOB 012539	WARM MIX ASPHALT
JOB 012539	WATER POLLUTION CONTROL

GENERAL NOTES

1. ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.
2. ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING U. S. MAILBOXES WITHIN THE PROJECT LIMITS IN SUCH A MANNER THAT THE PUBLIC MAY RECEIVE CONTINUED MAIL SERVICE. PAYMENT WILL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS BID ITEMS.
4. ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
5. THE SEQUENCE AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS IS A GENERAL OUTLINE FOR THE CONSTRUCTION OF THIS PROJECT, AND IN NO WAY IS IT INTENDED TO COVER EVERY ITEM IN THE PROJECT. ITEMS NOT CRITICAL TO THE CONSTRUCTION SEQUENCE MAY BE CONSTRUCTED IN ANY STAGE AS APPROVED BY THE RESIDENT ENGINEER.

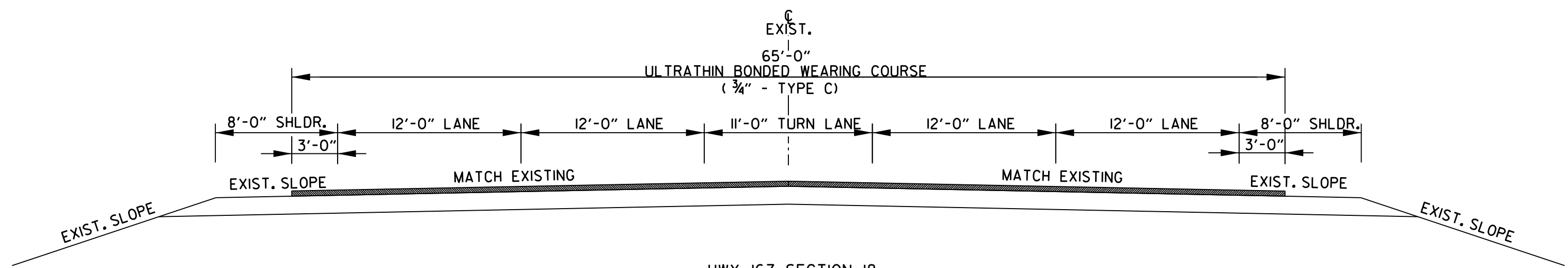
012539 INDEX, SPECS, AND SPECIAL DETAILS.DGN CREATED: 5/22/2025 SAVED: 2/27/2026

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	5	20
TYPICAL SECTIONS OF IMPROVEMENT						



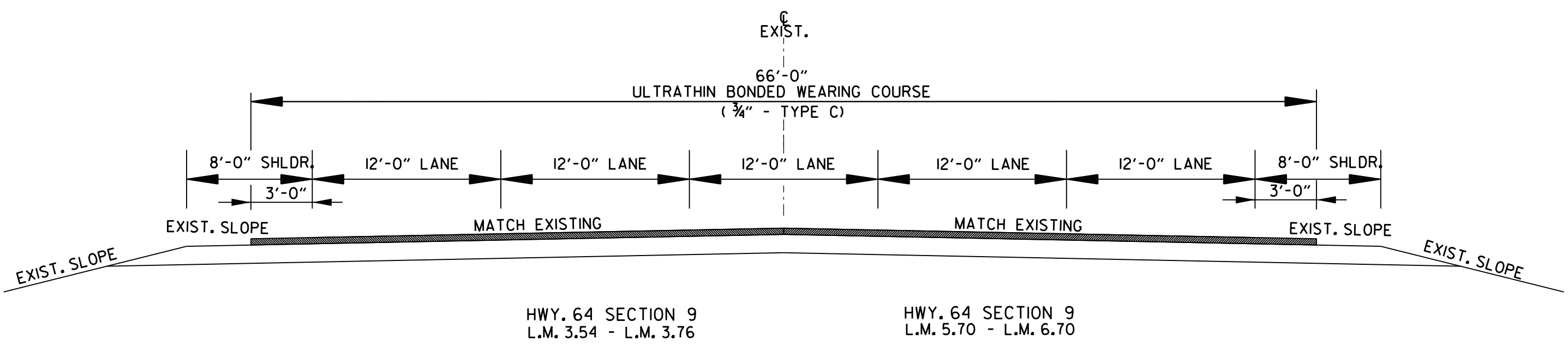
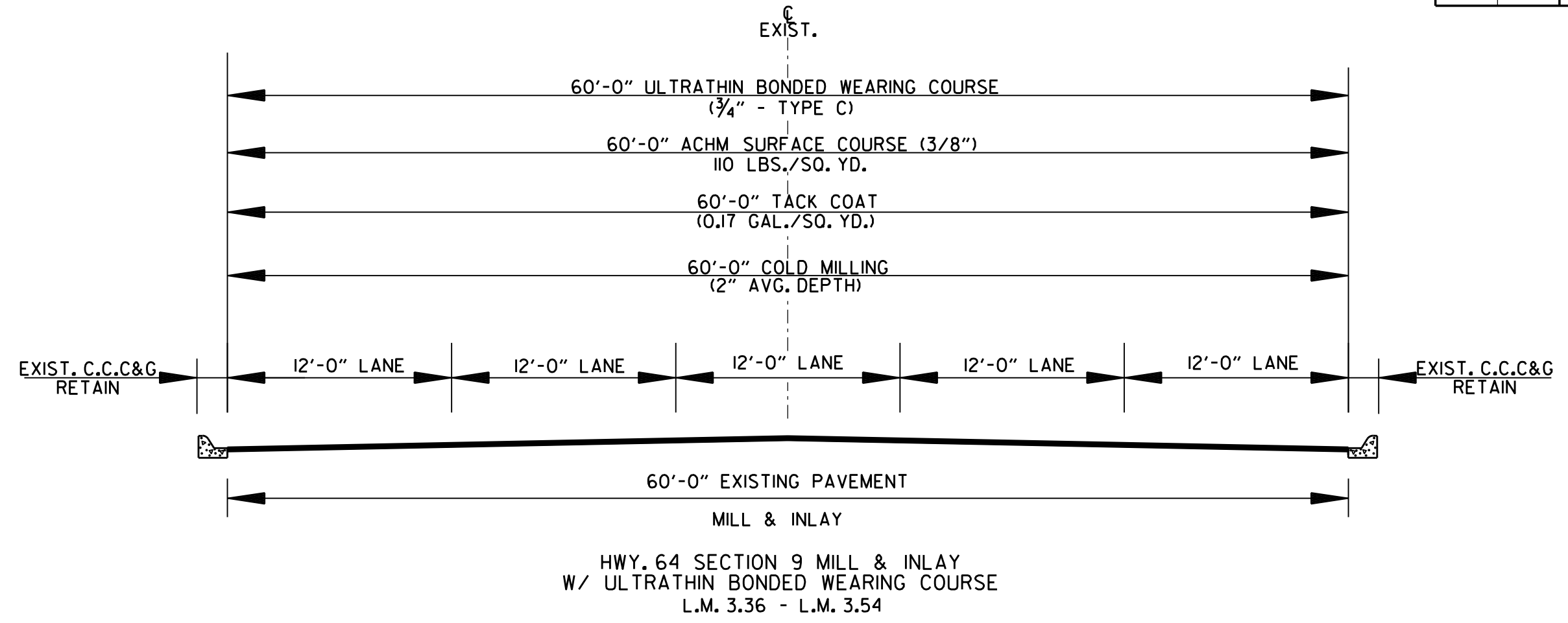
HWY. 65 SECTION 7
L.M. 0.32 - L.M. 1.57 ••

••TRANSITION FROM 2 LANE OPEN SHOULDER
TO 3 LANE OPEN SHOULDER
L.M. 0.22 - L.M. 0.32
L.M. 1.57 - L.M. 1.70

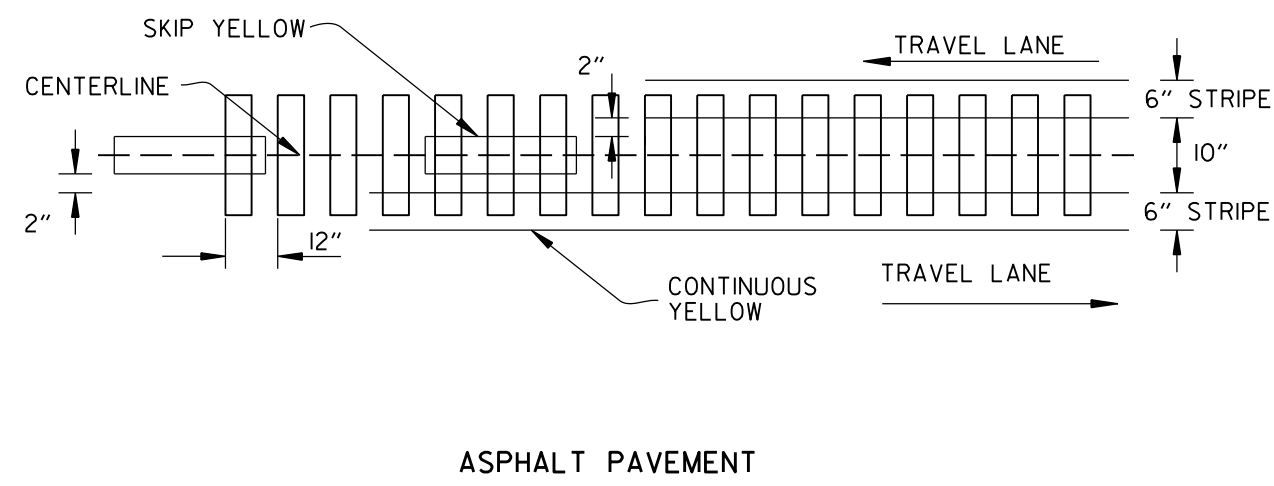


HWY. 167 SECTION 18
L.M. 8.00 - L.M. 9.08

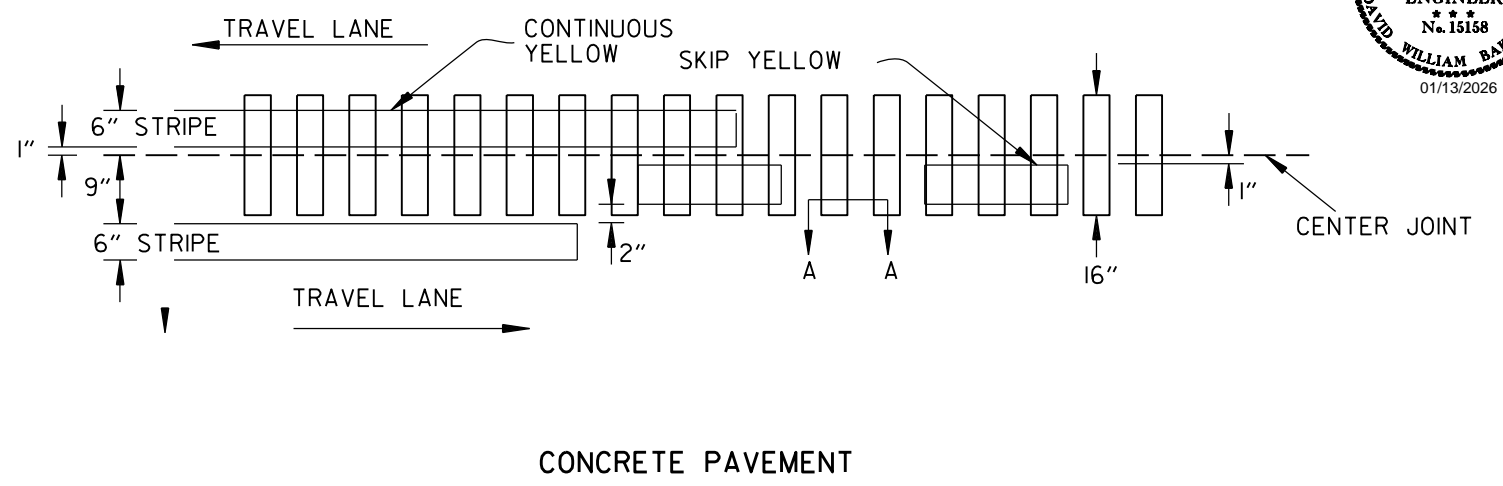
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		6	ARK.	012539	6	20
TYPICAL SECTIONS OF IMPROVEMENT						



DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	7	20
SPECIAL DETAILS						

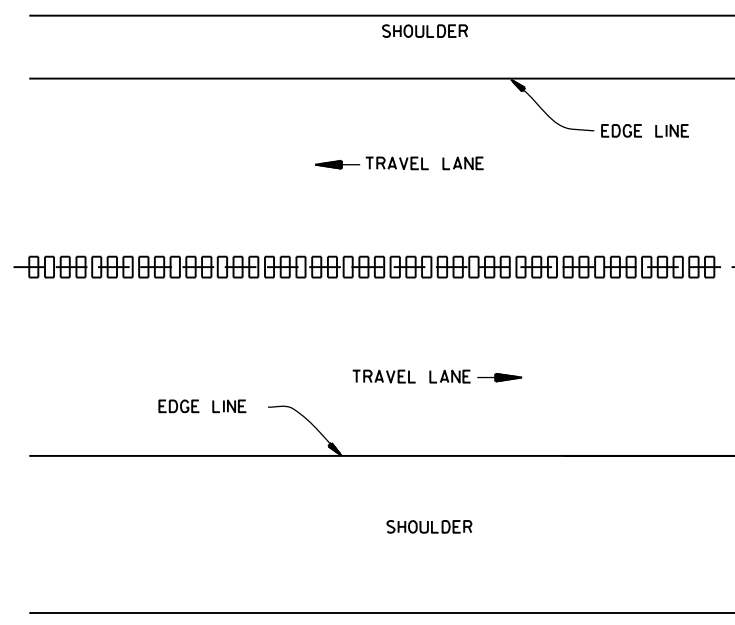


ASPHALT PAVEMENT

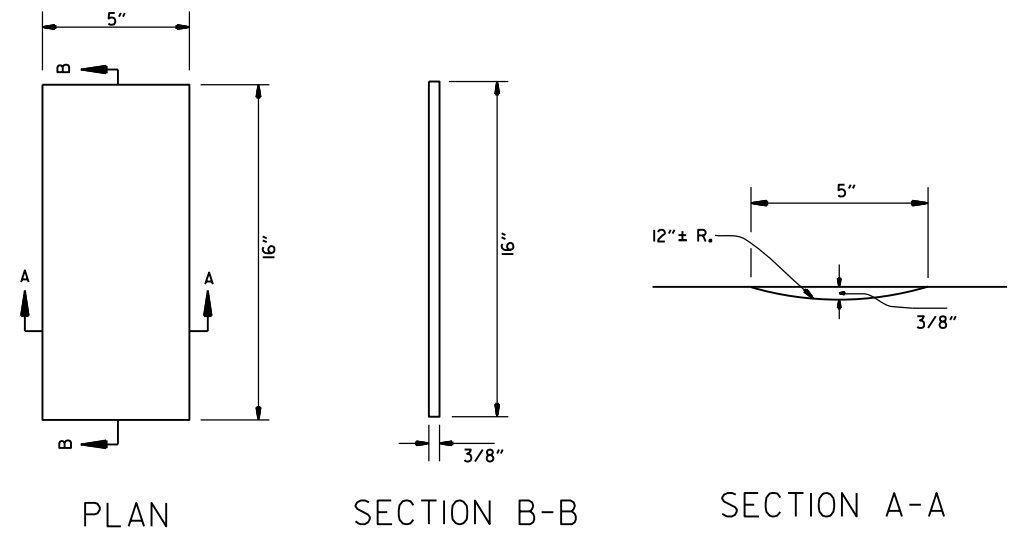


CONCRETE PAVEMENT

LOCATION PLAN OF CENTERLINE RUMBLE STRIPES



PLAN VIEW



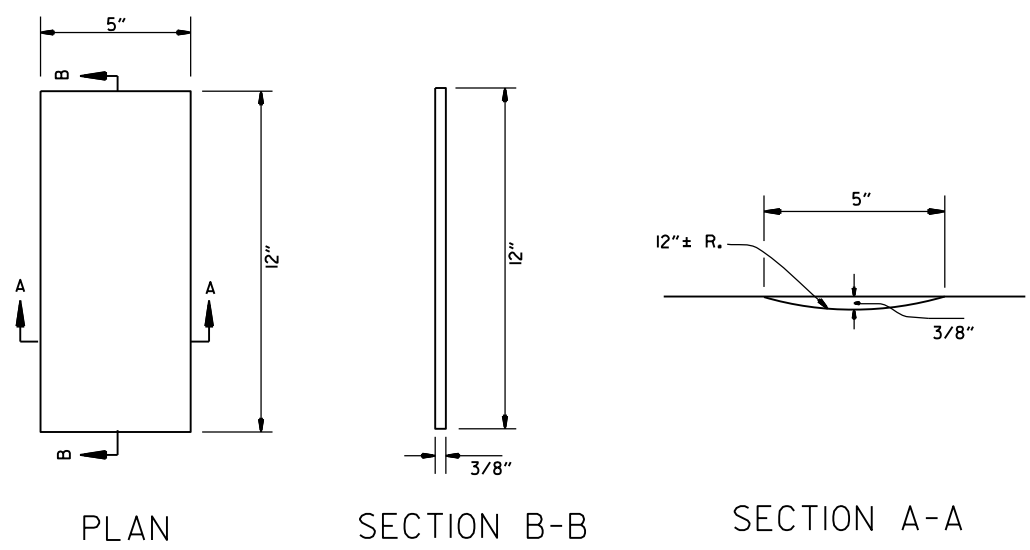
DETAILS OF CENTERLINE RUMBLE STRIPES

GENERAL NOTES:

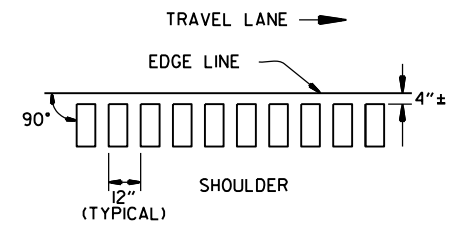
- RUMBLE STRIPES SHALL NOT BE INSTALLED ON BRIDGE DECKS, APPROACH SLABS, INTERSECTING STREETS OR ROADWAYS, OR ACROSS TRANSVERSE JOINTS OF CONCRETE SHOULDERS.
- RUMBLE STRIPES SHALL BE MEASURED BY THE LINEAR FOOT LONGITUDINALLY ALONG THE CENTERLINE.
- THE 3/8" DEPTH SHALL GENERALLY APPLY FOR THE ENTIRE 16" LENGTH. SOME VARIATION TO SUIT SLOPE BREAKS MAY BE NECESSARY.

012539 INDEX, SPECS, AND SPECIAL DETAILS.DGN CREATED: 5/22/2025 SAVED: 1/6/2026

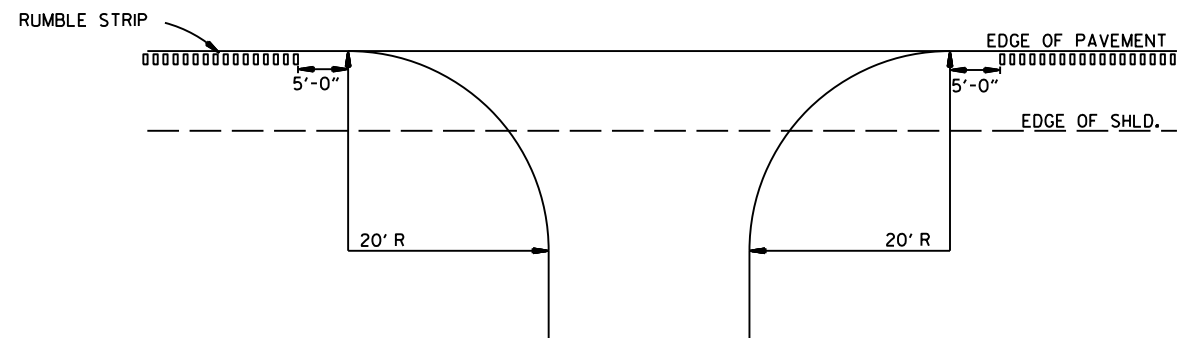
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	8	20
SPECIAL DETAILS						



DETAILS OF RUMBLE STRIPS



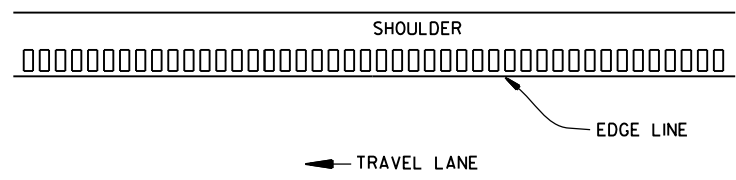
LOCATION PLAN OF RUMBLE STRIPS LEFT OR RIGHT SHOULDER



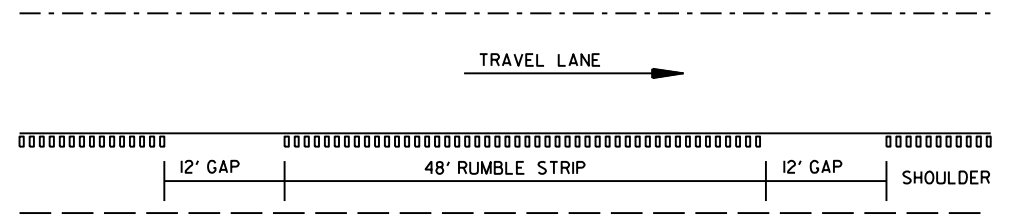
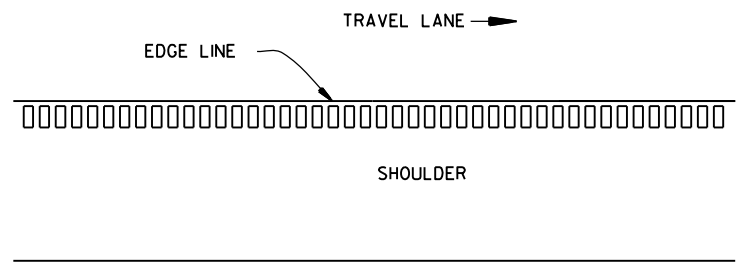
DETAIL FOR RUMBLE STRIP GAP AT DRIVEWAY TURNOUTS

GENERAL NOTES:

- RUMBLE STRIPS SHALL NOT BE INSTALLED ON CURB SECTIONS, BRIDGE DECKS, APPROACH SLABS, INTERSECTING STREETS OR ROADWAYS, RESIDENTIAL OR COMMERCIAL DRIVEWAYS OR ACROSS TRANSVERSE JOINTS OF CONCRETE SHOULDERS.
- RUMBLE STRIPS SHALL NOT BE INSTALLED ON A PAVED SHOULDER THAT IS USED AS A DECELERATION LANE FOR THE LENGTH DEEMED APPROPRIATE BY THE ENGINEER.
- THE 4" OFFSET FROM THE EDGE LINE MAY BE INCREASED TO AVOID LONGITUDINAL JOINTS. IN ALL CASES, THE LATERAL DEVIATION FROM THE PLANNED OFFSET SHOULD BE KEPT TO A MINIMUM.
- RUMBLE STRIPS SHALL BE MEASURED BY THE LINEAR FOOT LONGITUDINALLY ALONG THE SHOULDER. PAYMENT SHALL ONLY INCLUDE THAT PORTION OF THE SHOULDER ON WHICH RUMBLE STRIPS HAVE BEEN CONSTRUCTED. NO MEASUREMENT OR PAYMENT WILL BE MADE FOR GAPS, DRIVEWAYS, TURNOUTS, OR OTHER PUBLIC ROAD INTERSECTIONS WHERE RUMBLE STRIPS HAVE NOT BEEN CONSTRUCTED.
- THE 3/8" DEPTH SHALL GENERALLY APPLY FOR THE ENTIRE 12" LENGTH. SOME VARIATION TO SUIT SHOULDER SLOPE BREAKS MAY BE NECESSARY.



PLAN VIEW

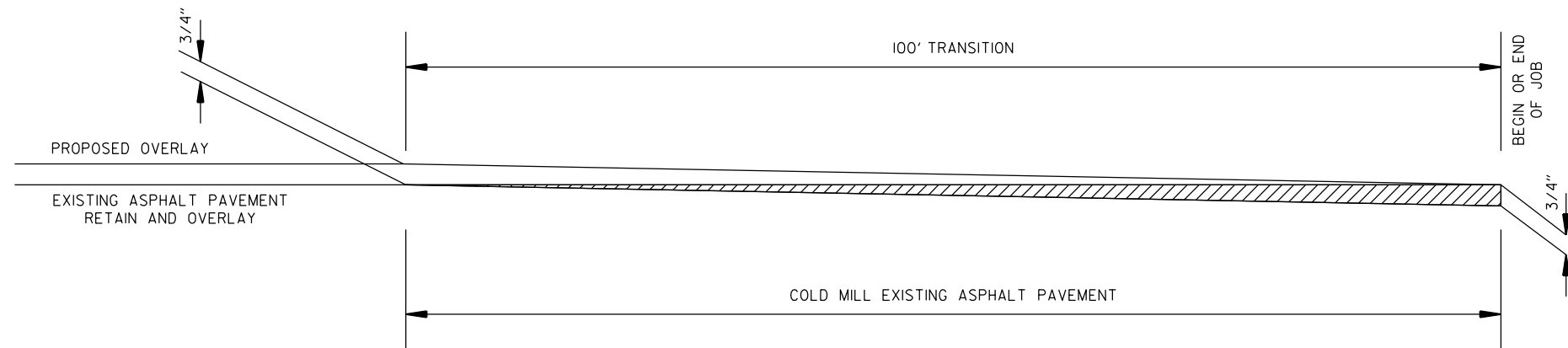


NOTE: GAP PATTERN SHALL BE ADJUSTED BY THE ENGINEER IN THE FIELD ALLOWING FOR DRIVEWAYS TO SERVE AS THE GAP.

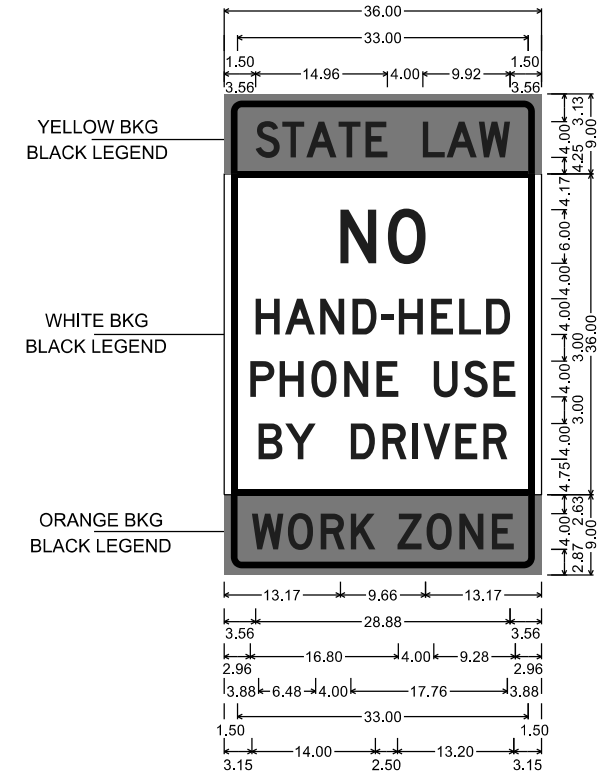
DETAIL FOR GAP PATTERN RUMBLE STRIP

012539 INDEX, SPECS, AND SPECIAL DETAILS.DGN CREATED: 5/22/2025 5:22:25 PM SAVED: 1/16/2026

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/4/2026		6	ARK.	012539	9	20
SPECIAL DETAILS						



DETAIL FOR TRANSITION - MAIN LANES



2.00" Radius, 0.75" Border, 0.75" Indent, Black on Yellow;
 "STATE LAW", D 2K;

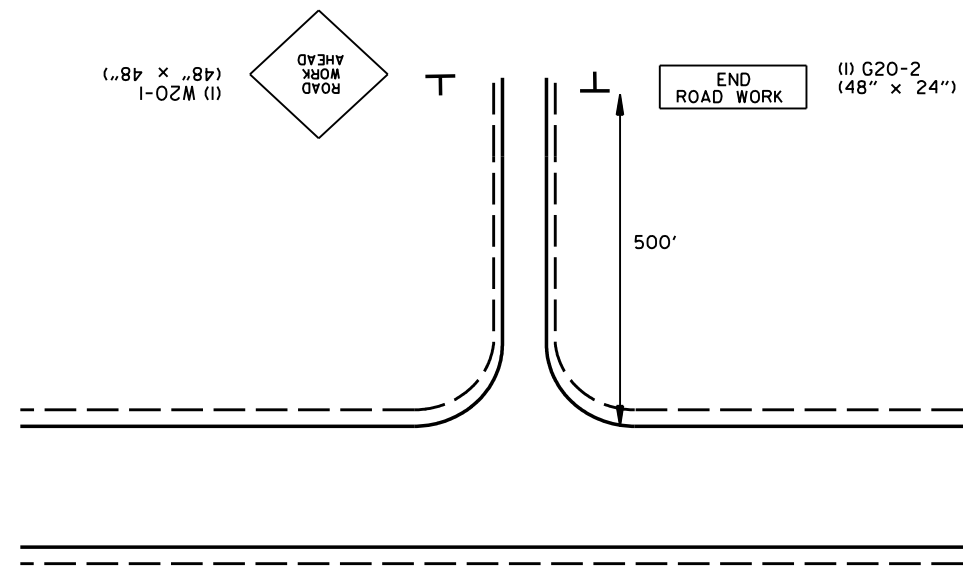
3.00" Radius, 0.75" Border, 0.75" Indent, Black on White;
 "NO", D 2K; "HAND-HELD", D 2K;
 "PHONE USE", D 2K;
 "BY DRIVER", D 2K;

2.00" Radius, 0.75" Border, 0.75" Indent, Black on Orange;
 "WORK", D 2K; "ZONE", D 2K;

WZ-4 (NON-INTERSTATE) SIGN

012539 INDEX, SPECS, AND SPECIAL DETAILS.DGN CREATED: 5/22/2025 SAVED: 2/4/2026

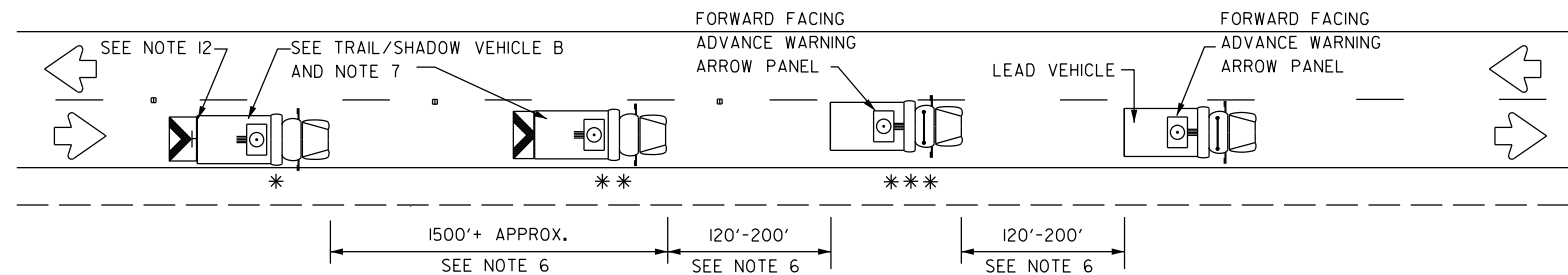
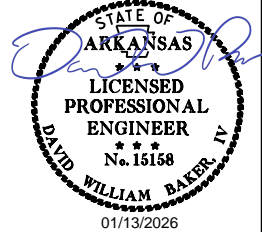
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	10	20
MAINTENANCE OF TRAFFIC DETAILS						



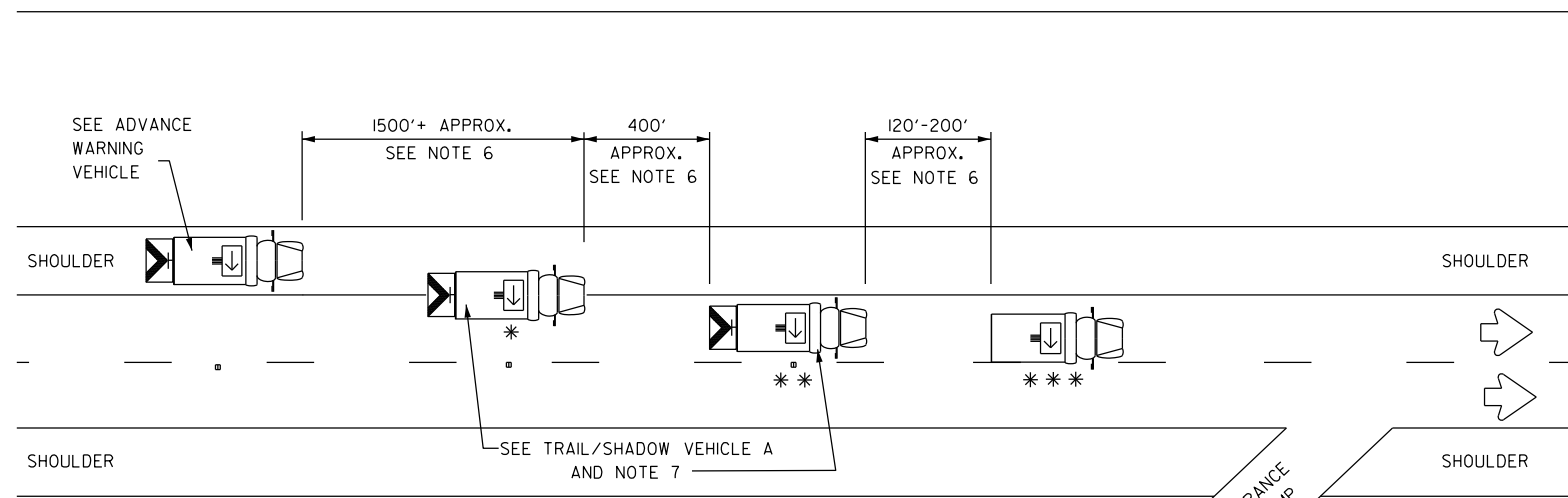
**ADVANCE WARNING - SIDE ROADS
(ALL STAGES)**

- RT. 7, SEC.18 LOG MILE 16.96, COUNTY RD. 3100
- LT. 7, SEC.18 LOG MILE 17.78, ERBIE CAMPGROUND RD.
- RT. 7, SEC.18 LOG MILE 17.92, COUNTY RD. 3150
- LT. 64, SEC.9 LOG MILE 5.72 PRESLEY DR.
- LT. 64, SEC.9 LOG MILE 5.82 SUNNY GAP RD.
- RT. 64, SEC.9 LOG MILE 6.10 LESLIE RD.
- LT. 64, SEC.9 LOG MILE 6.26 MACIE CIR.
- RT. 64, SEC.9 LOG MILE 6.33 FERN LN.
- LT. 64, SEC.9 LOG MILE 6.49 MACE CIR.
- LT. 64, SEC.9 LOG MILE 6.56 SHOEMAKER CIR.
- RT. 64, SEC.9 LOG MILE 6.66 FRITTS WAY
- LT. 167, SEC.18 LOG MILE 8.50, WILDERNESS DR.
- RT. 167, SEC.18 LOG MILE 8.82, HILLY VILLAGE RD.

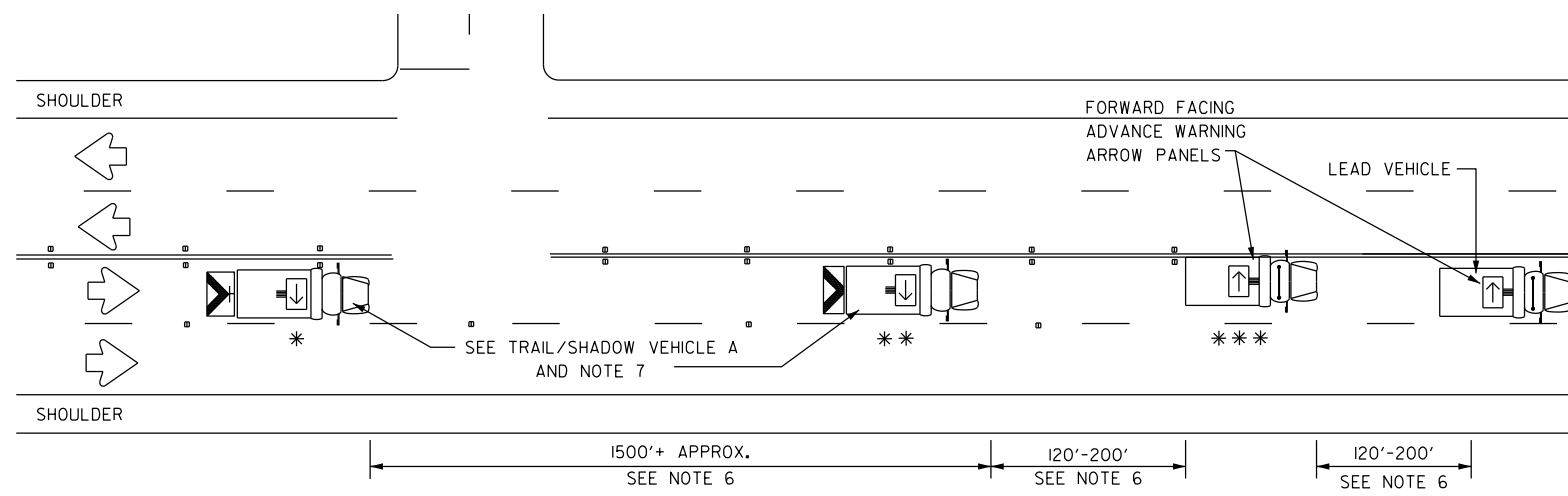
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		6	ARK.	012539	11	20
MAINTENANCE OF TRAFFIC DETAILS						



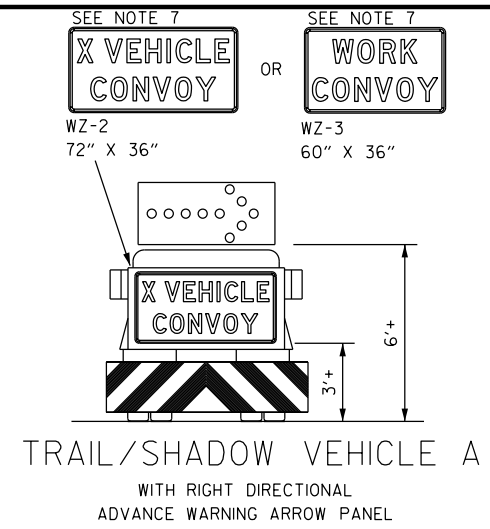
TWO LANE HIGHWAY
(WORK ON TRAVEL LANE)



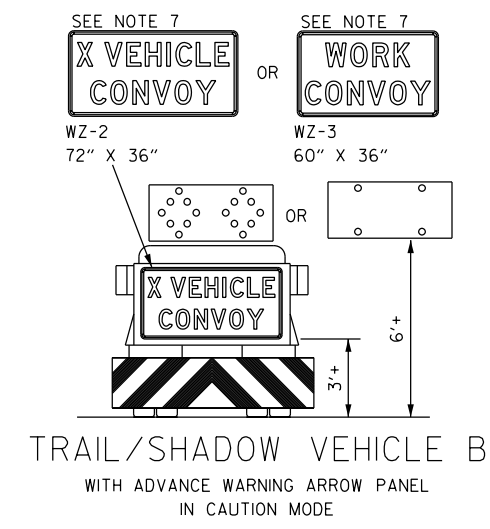
DIVIDED MULTILANE HIGHWAY



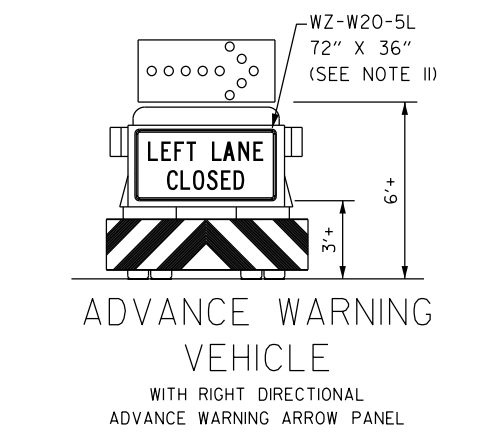
UNDIVIDED MULTILANE HIGHWAY



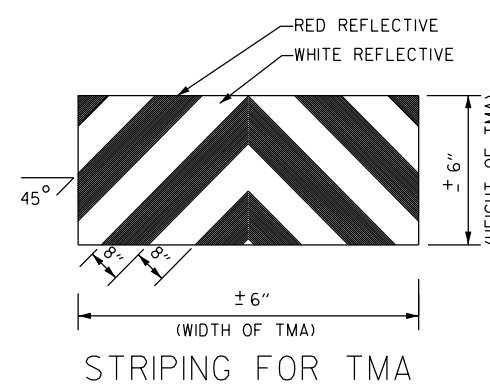
TRAIL/SHADOW VEHICLE A
WITH RIGHT DIRECTIONAL
ADVANCE WARNING ARROW PANEL



TRAIL/SHADOW VEHICLE B
WITH ADVANCE WARNING ARROW PANEL
IN CAUTION MODE



ADVANCE WARNING
VEHICLE
WITH RIGHT DIRECTIONAL
ADVANCE WARNING ARROW PANEL



STRIPING FOR TMA

LEGEND			
*	TRAIL VEHICLE	ADVANCE WARNING ARROW PANEL DISPLAY	
**	SHADOW VEHICLE		
***	WORK VEHICLE	→	RIGHT DIRECTIONAL
⬅	HEAVY WORK VEHICLE	←	LEFT DIRECTIONAL
↔	TRUCK MOUNTED ATTENUATOR (TMA)	↔	DOUBLE ARROW
⊠	TRAFFIC FLOW	⊠	CAUTION (ALTERNATING DIAMOND OR 4 CORNER FLASH)

TYPICAL APPLICATION - MOBILE WORK ZONE

GENERAL NOTES:

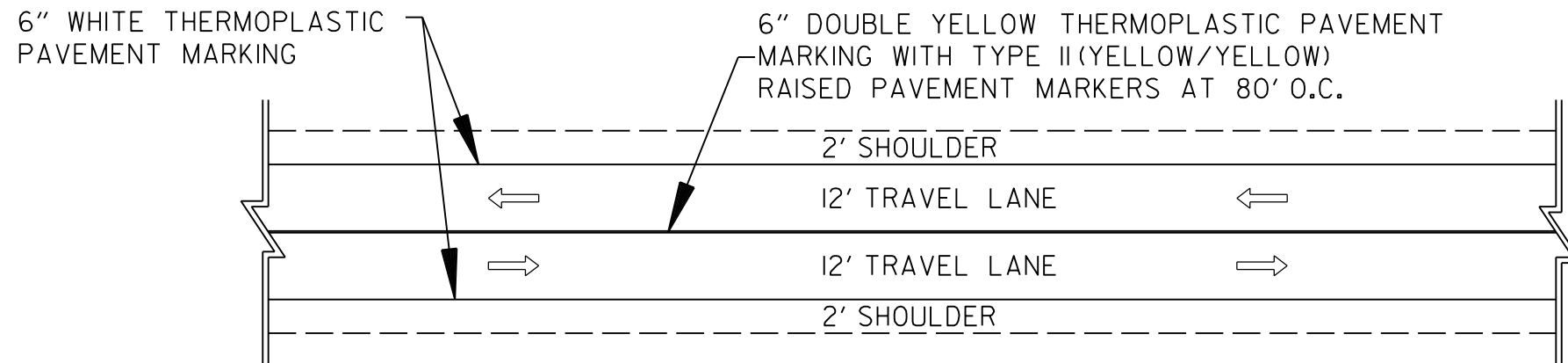
1. TRAIL, SHADOW, AND LEAD VEHICLES SHALL BE EQUIPPED WITH ADVANCE WARNING ARROW PANELS AS ILLUSTRATED.
2. THE USE OF AMBER OR GREEN HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS ON ALL VEHICLES ARE REQUIRED. VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
3. THE USE OF TRUCK MOUNTED ATTENUATORS (TMA) ON THE SHADOW VEHICLE, ADVANCE WARNING AND TRAIL VEHICLE ARE REQUIRED.
4. EACH VEHICLE SHALL HAVE TWO-WAY RADIO COMMUNICATION CAPABILITY.
5. WHEN WORK CONVOYS MUST CHANGE LANES, THE TRAIL VEHICLE SHOULD CHANGE LANES FIRST TO SHADOW THE OTHER CONVOY VEHICLES. WHEN WORK CONVOY EXITS THE ROADWAY, THE TRAIL VEHICLE SHOULD EXIT LAST.
6. VEHICLE SPACING BETWEEN THE TRAIL VEHICLE AND THE SHADOW VEHICLE WILL VARY DEPENDING ON SIGHT DISTANCE RESTRICTIONS AND QUEUE LENGTHS. MOTORISTS APPROACHING THE CONVOY SHOULD BE ABLE TO SEE THE TRAIL VEHICLE IN TIME TO SLOW DOWN AND/OR CHANGE LANES AS THEY APPROACH THE TRAIL VEHICLE. VEHICLE SPACING BETWEEN THE WORK VEHICLE AND SHADOW VEHICLE AND VEHICLE SPACING BETWEEN THE WORK VEHICLE AND LEAD VEHICLE MAY VARY ACCORDING TO TERRAIN, WORK ACTIVITY AND OTHER FACTORS.
7. X VEHICLE CONVOY (WZ-2) OR WORK CONVOY (WZ-3) SIGNS SHALL BE USED ON TRAIL VEHICLES AND SHADOW VEHICLES AS SHOWN. AS AN OPTION 48" X 48" DIAMOND SHAPED WORK CONVOY (WZ-2A) OR X VEHICLE CONVOY (WZ-3A) SIGNS MAY BE USED WHERE ADEQUATE MOUNTING SPACE EXISTS. WHEN USED, THE X VEHICLE CONVOY SIGN SHALL HAVE THE NUMBER OF THE CONVOY VEHICLES DISPLAYED ON THE SIGN IN THE NUMBER DESIGNATION "X" LOCATION. THE X VEHICLE CONVOY SIGN SHALL NOT BE USED ON THE SHADOW VEHICLE.
8. FOR DIVIDED HIGHWAYS WITH TWO OR THREE LANES IN ONE DIRECTION, THE APPROPRIATE LEFT LANE CLOSED (WZ-W20-5L), RIGHT LANE CLOSED (WZ-W20-5R), OR CENTER LANE CLOSED (WZ-W20-5C) SIGN SHOULD BE USED ON THE ADVANCE WARNING VEHICLE. AS AN OPTION, A PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) OR TRUCK MOUNTED CHANGEABLE MESSAGE SIGN (TMCMS) WITH A MINIMUM CHARACTER HEIGHT OF 12", AND DISPLAYING THE SAME LEGEND MAY BE SUBSTITUTED FOR THESE SIGNS. AN APPROPRIATE DIRECTIONAL ARROW DISPLAY, SIMULATING THE SIZE AND LEGIBILITY OF THE ADVANCE WARNING ARROW PANEL MAY BE USED IN THE SECOND PHASE OF THE PCMS/TMCMS MESSAGE. WHEN THIS IS DONE, THE ARROW BOARD WILL NOT BE REQUIRED ON THE ADVANCE WARNING VEHICLE.
9. A DOUBLE ARROW SHALL NOT BE DISPLAYED ON THE ADVANCE WARNING ARROW PANEL ON THE ADVANCE WARNING VEHICLE.
10. STANDARD DIAMOND SHAPE VERSIONS OF THE WZ SERIES SIGNS MAY BE USED AS AN OPTION IF THE RECTANGULAR SIGNS SHOWN ARE NOT AVAILABLE.
11. THE ADVANCE WARNING VEHICLE MAY STRADDLE THE EDGELINE WHEN SHOULDER WIDTH MAKES IT NECESSARY.
12. ON TWO-LANE TWO-WAY ROADWAYS, THE WORK AND PROTECTION VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW MOTOR VEHICLE TRAFFIC TO PASS. A DO NOT PASS (R4-1) SIGN SHALL BE PLACED ON THE BACK OF THE REARMOST PROTECTION VEHICLE.
13. MOBILE WORK ZONE METHODS AS DEPICTED IN THIS STANDARD DRAWING SHALL BE UTILIZED ON ALL PROJECTS THAT INCLUDE INSTALLATION OR REMOVAL OF RAISED PAVEMENT MARKERS OR PAVEMENT MARKINGS UNLESS APPROVED BY THE ENGINEER ON PROJECTS LESS THAN 0.5 MILE IN LENGTH.
14. NO DIRECT PAYMENT WILL BE MADE FOR COMPLIANCE WITH THE METHODS DEPICTED IN THIS STANDARD DRAWING (WHICH INCLUDES ALL SIGNS, DEVICES, MATERIALS, LABOR, TOOLS, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLY) BUT SHALL BE CONSIDERED SUBSIDIARY TO THE MAINTENANCE OF TRAFFIC PAY ITEM.

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	12	20
PERMANENT PAVEMENT MARKING DETAILS						



HWY. 7 SECTION 18 L.M. 16.90 - L.M. 18.20 PERMANENT PAVEMENT MARKINGS

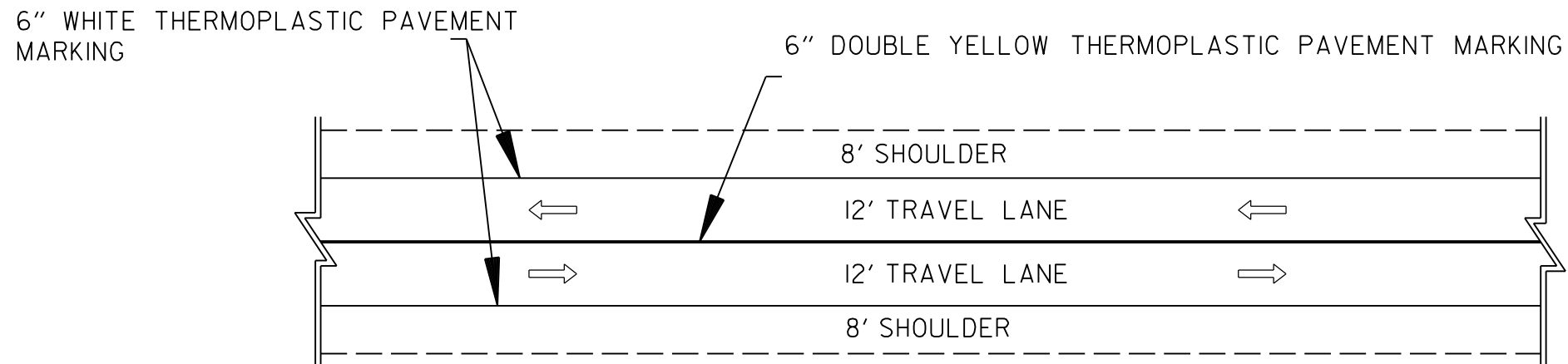
RAISED PAVEMENT MARKERS TYPE II (YELLOW/YELLOW) AT 80' O.C. = 86 EA.
 YELLOW THERMOPLASTIC PAVEMENT MARKING = 13728 LIN. FT.
 WHITE THERMOPLASTIC PAVEMENT MARKING = 13728 LIN. FT.



HWY. 7 SECTION 18 L.M. 16.90 - L.M. 18.20 PERMANENT PAVEMENT MARKINGS

HWY. 65 SECTION 7 L.M. 0.19 - 0.22 PERMANENT PAVEMENT MARKINGS

YELLOW THERMOPLASTIC PAVEMENT MARKING = 317 LIN. FT.
 WHITE THERMOPLASTIC PAVEMENT MARKING = 317 LIN. FT.



HWY. 65 SECTION 7 L.M. 0.19 - 0.22 PERMANENT PAVEMENT MARKINGS

••TRANSITION FROM 2 LANE OPEN SHOULDER TO 3 LANE OPEN SHOULDER
 L.M. 0.22 - L.M. 0.32
 L.M. 1.57 - L.M. 1.70

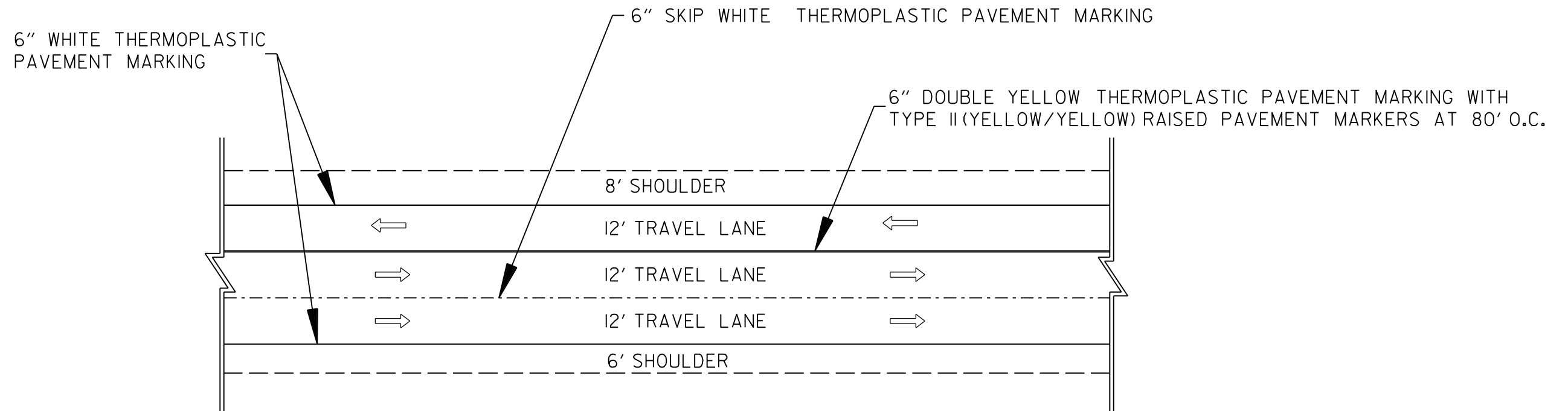
012539 PERMANENT PAVEMENT MARKING DETAILS.DGN CREATED: 12/9/2025 12:15:2025 SAVED: 12/15/2025

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	13	20
PERMANENT PAVEMENT MARKING DETAILS						



HWY. 65 SECTION 7 L.M. 0.32 - 1.57 PERMANENT PAVEMENT MARKINGS

RAISED PAVEMENT MARKERS TYPE II (YELLOW/YELLOW) AT 80' O.C. = 83 EA.
 6" YELLOW THERMOPLASTIC PAVEMENT MARKING = 15629 LIN. FT.
 6" WHITE THERMOPLASTIC PAVEMENT MARKING = 17279 LIN. FT.



HWY. 65 SECTION 7 L.M. 0.32 - 1.57 PERMANENT PAVEMENT MARKINGS

••TRANSITION FROM 2 LANE OPEN SHOULDER
 TO 3 LANE OPEN SHOULDER
 L.M. 0.22 - L.M. 0.32
 L.M. 1.57 - L.M. 1.70

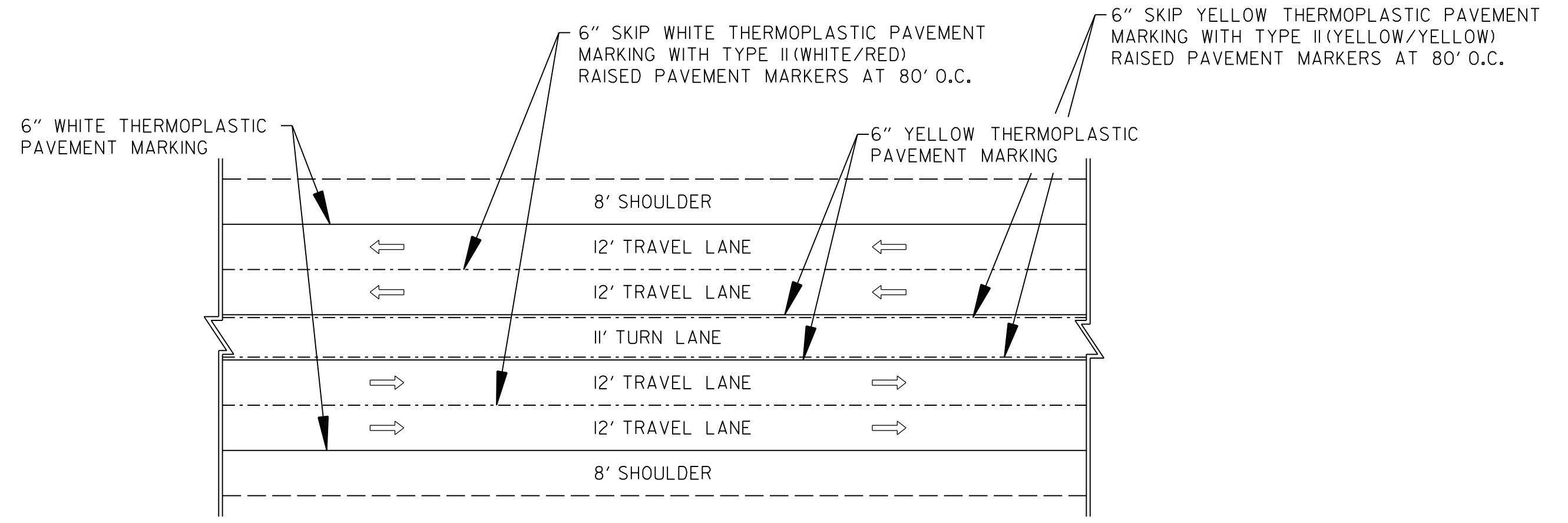
012539 PERMANENT PAVEMENT MARKING DETAILS.DGN CREATED: 12/9/2025 SAVED: 12/15/2025

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	14	20
PERMANENT PAVEMENT MARKING DETAILS						



HWY. 167 SECTION 18 L.M. 8.00 - L.M. 9.08 PERMANENT PAVEMENT MARKINGS

- RAISED PAVEMENT MARKERS TYPE II (WHITE/RED) AT 80' O.C. = 143 EA.
- RAISED PAVEMENT MARKERS TYPE II (YELLOW/YELLOW) AT 80' O.C. = 143 EA.
- 6" YELLOW THERMOPLASTIC PAVEMENT MARKING = 14256 LIN. FT.
- 6" WHITE THERMOPLASTIC PAVEMENT MARKING = 14256 LIN. FT.



HWY. 167 SECTION 18 L.M. 8.00 - L.M. 9.08 PERMANENT PAVEMENT MARKINGS

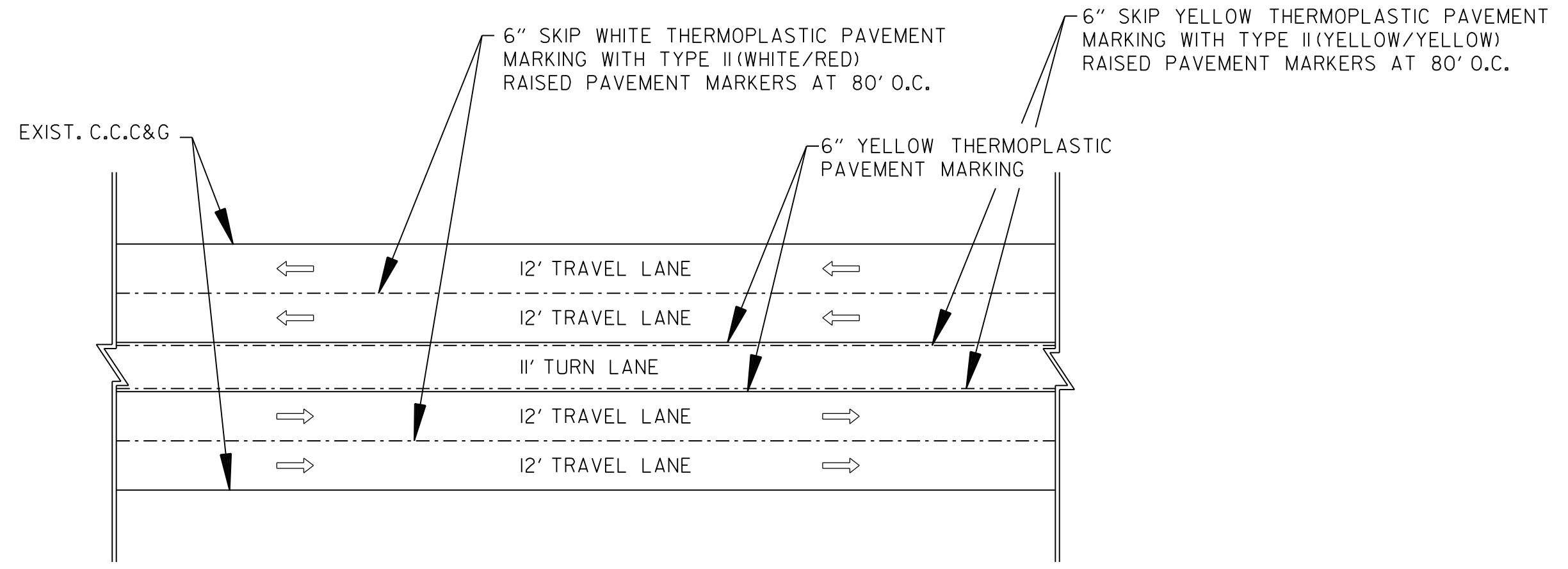
012539 PERMANENT PAVEMENT MARKING DETAILS.DGN CREATED: 12/9/2025 SAVED: 12/15/2025

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	15	20
PERMANENT PAVEMENT MARKING DETAILS						



HWY. 64 SECTION 9 L.M. 3.36 - L.M. 3.54 PERMANENT PAVEMENT MARKINGS

- RAISED PAVEMENT MARKERS TYPE II (WHITE/RED) AT 80' O.C. = 24 EA.
- RAISED PAVEMENT MARKERS TYPE II (YELLOW/YELLOW) AT 80' O.C. = 24 EA.
- 6" YELLOW THERMOPLASTIC PAVEMENT MARKING = 2376 LIN. FT.
- 6" WHITE THERMOPLASTIC PAVEMENT MARKING = 475 LIN. FT.



HWY. 64 SECTION 9 L.M. 3.36 - L.M. 3.54 PERMANENT PAVEMENT MARKINGS

012539 PERMANENT PAVEMENT MARKING DETAILS.DGN CREATED: 12/9/2025 12:15:2025 SAVED: 12/15/2025

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	16	20
PERMANENT PAVEMENT MARKING DETAILS						

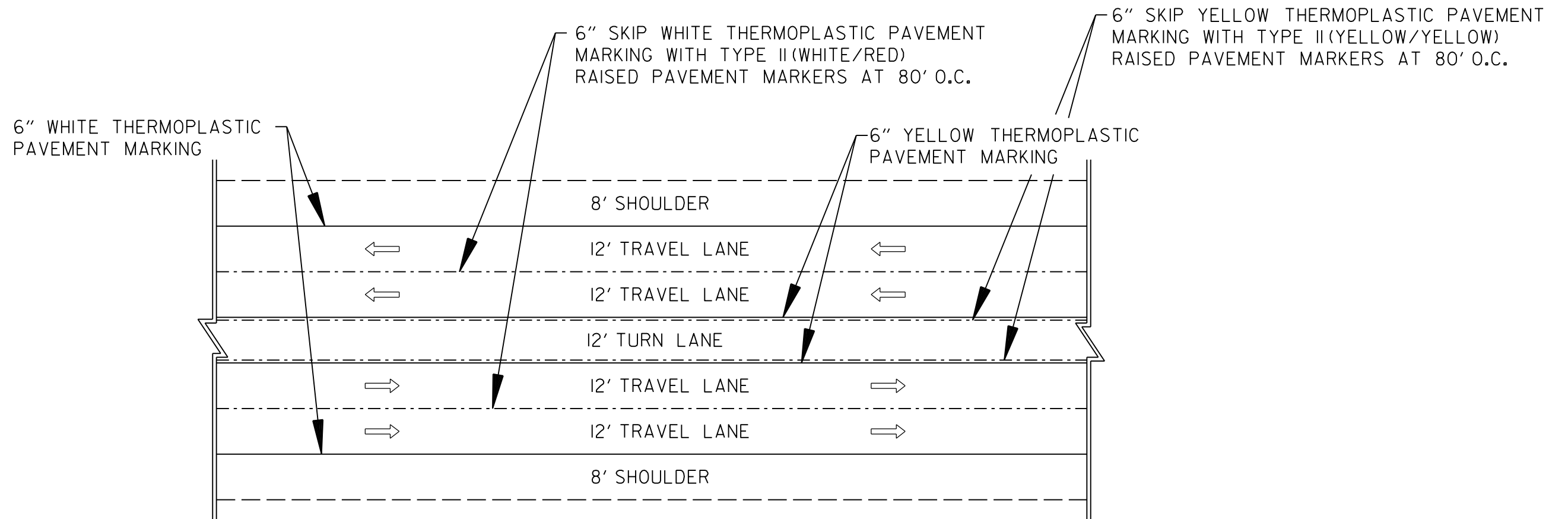


HWY. 64 SECTION 9 L.M. 3.54 - L.M. 3.76 PERMANENT PAVEMENT MARKINGS

RAISED PAVEMENT MARKERS TYPE II (WHITE/RED) AT 80' O.C. = 29 EA.
 RAISED PAVEMENT MARKERS TYPE II (YELLOW/YELLOW) AT 80' O.C. = 29 EA.
 6" YELLOW THERMOPLASTIC PAVEMENT MARKING = 2904 LIN. FT.
 6" WHITE THERMOPLASTIC PAVEMENT MARKING = 2904 LIN. FT.

HWY. 64 SECTION 9 L.M. 5.70 - L.M. 6.70 PERMANENT PAVEMENT MARKINGS

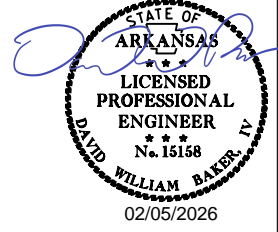
RAISED PAVEMENT MARKERS TYPE II (WHITE/RED) AT 80' O.C. = 132 EA.
 RAISED PAVEMENT MARKERS TYPE II (YELLOW/YELLOW) AT 80' O.C. = 132 EA.
 6" YELLOW THERMOPLASTIC PAVEMENT MARKING = 13200 LIN. FT.
 6" WHITE THERMOPLASTIC PAVEMENT MARKING = 12920 LIN. FT.



HWY. 64 SECTION 9 L.M. 3.54 - L.M. 3.76 PERMANENT PAVEMENT MARKINGS

HWY. 64 SECTION 9 L.M. 5.70 - L.M. 6.70 PERMANENT PAVEMENT MARKINGS

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/4/2026		6	ARK.	012539	17	20
QUANTITIES						



ADVANCE WARNING SIGNS AND DEVICES

SIGN NUMBER	DESCRIPTION	SIGN SIZE	INDEPENDENCE COUNTY, HWY. 167, SEC. 18-L.M. 8.00-9.08	VAN BUREN COUNTY, HWY. 65, SEC. 7 -L.M. 0.19-1.70	FAULKNER COUNTY, HWY. 64, SEC. 9 -L.M. 3.36-3.76	FAULKNER COUNTY, HWY. 64, SEC. 9 -L.M. 5.70-6.70	NEWTON COUNTY, HWY. 7, SEC. 18 -L.M. 16.90-18.20	MAXIMUM NUMBER REQUIRED	TOTAL SIGNS REQUIRED	
			EACH						NO.	SQ. FT.
W20-1	ROAD WORK 1500 FT.	48"x48"	2	2	2	2	2	6	6	96.0
W20-1	ROAD WORK 1000 FT.	48"x48"	2	2	2	2	2	6	6	96.0
W20-1	ROAD WORK 500 FT.	48"x48"	2	2	2	2	2	6	6	96.0
W20-1	ROAD WORK AHEAD	48"x48"	4	2	10	2	5	19	19	304.0
G20-2	END ROAD WORK	48"x24"	4	2	10	2	5	19	19	152.0
R2-6aP	FINES DOUBLE WHEN WORKERS ARE PRESENT	48"x36"	4	4	4	4	4	12	12	144.0
R2-11	END HIGHER FINES ZONE	36"x48"	4	4	4	4	4	12	12	144.0
WZ-4	NO HAND-HELD PHONE USE BY DRIVER	36"x54"	2	2	2	2	2	6	6	81.0
TOTALS:									1113	

NOTE: THESE ARE HIGH TRAFFIC VOLUME ROADS AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

NOTE: THE COST OF ANY ADDITIONAL SIGNS, BARRICADES, OR DEVICES OF A TEMPORARY NATURE THAT MAY BE NECESSITATED BY THE CONTRACTOR'S SEQUENCE OF OPERATIONS OR STANDARD DRAWINGS TC-1, TC-2, AND TC-3 SHALL BE CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS. ANY ADDITIONAL SIGNS, BARRICADES, OR DEVICES PLACED BY THE CONTRACTOR FOR HIS OWN CONVINIENCE SHALL NOT BE PAID FOR.

DISTRICT 5 CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS (BOX 1 OF 3)

DESCRIPTION	INDEPENDENCE COUNTY, HWY. 167, SEC. 18-L.M. 8.00-9.08	CONSTRUCTION PAVEMENT MARKINGS	RAISED PAVEMENT MARKERS		THERMOPLASTIC PAVEMENT MARKING	
			TYPE II	TYPE II	6"	
			(WHITE/RED)	(YELLOW/YELLOW)	WHITE	YELLOW
	LIN. FT. - EACH	LIN. FT.	EACH	EACH	LIN. FT.	
CONSTRUCTION PAVEMENT MARKINGS	28655	28655				
RAISED PAVEMENT MARKERS TYPE II (WHITE/RED)	143		143			
RAISED PAVEMENT MARKERS TYPE II (YEL/YEL)	143			143		
THERMOPLASTIC PAVEMENT MARKING WHITE (6")	11405				11405	
THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	11405					11405
THERMOPLASTIC PAVEMENT MARKING WHITE (SKIP LINE) (6")	2851				2851	
THERMOPLASTIC PAVEMENT MARKING YELLOW (SKIP LINE) (6")	2851					2851
SUBTOTALS (BOX 1 OF 3):		28655	143	143	14256	14256

NOTE: THESE ARE HIGH TRAFFIC VOLUME ROADS AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

NOTE: THE 6" YELLOW STRIPING QUANTITY HAS BEEN ESTIMATED BASED ON A DOUBLE YELLOW CENTERLINE STRIPE FOR THE ENTIRE PROJECT. THE PROJECT MUST BE MARKED FOR PASSING/NO PASSING ZONES PRIOR TO THE PLACEMENT OF ANY FINAL STRIPING. CONTACT THE MAINTENANCE DIVISION AFTER THE FINAL LIFT OF SURFACE COURSE HAS BEEN PLACED TO SCHEDULE THE ZONING OF THE PROJECT.

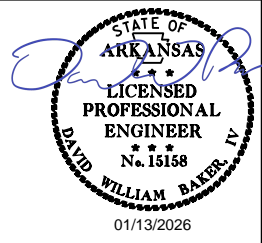
DISTRICT 8 CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS (BOX 2 OF 3)

DESCRIPTION	VAN BUREN COUNTY, HWY. 65, SEC. 7 -L.M. 0.19-1.70	FAULKNER COUNTY, HWY. 64, SEC. 9 -L.M. 3.36-3.76	FAULKNER COUNTY, HWY. 64, SEC. 9 -L.M. 5.70-6.70	CONSTRUCTION PAVEMENT MARKINGS	RAISED PAVEMENT MARKERS		THERMOPLASTIC PAVEMENT MARKING	
	TYPE II	TYPE II	6"					
	(WHITE/RED)	(YELLOW/YELLOW)	WHITE		YELLOW			
	LIN. FT. - EACH	LIN. FT. - EACH	LIN. FT. - EACH	LIN. FT.	EACH	EACH	LIN. FT.	
CONSTRUCTION PAVEMENT MARKINGS	33542	8659	26120	68321				
RAISED PAVEMENT MARKERS TYPE II (WHITE/RED)		53	132		185			
RAISED PAVEMENT MARKERS TYPE II (YEL/YEL)	83	53	132			268		
THERMOPLASTIC PAVEMENT MARKING WHITE (6")	15946	2323	10280				28549	
THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	15946	4224	10560					30730
THERMOPLASTIC PAVEMENT MARKING WHITE (SKIP LINE) (6")	1650	1056	2640				5346	
THERMOPLASTIC PAVEMENT MARKING YELLOW (SKIP LINE) (6")		1056	2640					3696
SUBTOTALS (BOX 2 OF 3):				68321	185	268	33895	34426

NOTE: THESE ARE HIGH TRAFFIC VOLUME ROADS AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

NOTE: THE 6" YELLOW STRIPING QUANTITY HAS BEEN ESTIMATED BASED ON A DOUBLE YELLOW CENTERLINE STRIPE FOR THE ENTIRE PROJECT. THE PROJECT MUST BE MARKED FOR PASSING/NO PASSING ZONES PRIOR TO THE PLACEMENT OF ANY FINAL STRIPING. CONTACT THE MAINTENANCE DIVISION AFTER THE FINAL LIFT OF SURFACE COURSE HAS BEEN PLACED TO SCHEDULE THE ZONING OF THE PROJECT.

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	18	20
QUANTITIES						



DISTRICT 9 CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS (BOX 3 OF 3)

DESCRIPTION	NEWTON COUNTY, HWY. 7, SEC. 18 - LM. 16.90-18.20 LIN. FT. - EACH	CONSTRUCTION PAVEMENT MARKINGS LIN. FT.	RAISED PAVEMENT MARKERS		THERMOPLASTIC PAVEMENT MARKING	
			TYPE II (WHITE/RED)	TYPE II (YELLOW/YELLOW)	6"	
			EACH		WHITE	YELLOW
					LIN. FT.	
CONSTRUCTION PAVEMENT MARKINGS	27456	27456				
RAISED PAVEMENT MARKERS TYPE II (YEL/YEL)	86			86		
THERMOPLASTIC PAVEMENT MARKING WHITE (6")	13728				13728	
THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	13728					13728
SUBTOTALS (BOX 1 OF 3):		28655	143	143	14256	14256
SUBTOTALS (BOX 2 OF 3):		68321	185	268	33895	34426
SUBTOTALS (BOX 3 OF 3):		27456		86	13728	13728
TOTALS:		96976	328	411	48151	48682

NOTE: THESE ARE HIGH TRAFFIC VOLUME ROADS AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

NOTE: THE 6" YELLOW STRIPING QUANTITY HAS BEEN ESTIMATED BASED ON A DOUBLE YELLOW CENTERLINE STRIPE FOR THE ENTIRE PROJECT. THE PROJECT MUST BE MARKED FOR PASSING/NO PASSING ZONES PRIOR TO THE PLACEMENT OF ANY FINAL STRIPING. CONTACT THE MAINTENANCE DIVISION AFTER THE FINAL LIFT OF SURFACE COURSE HAS BEEN PLACED TO SCHEDULE THE ZONING OF THE PROJECT.

ULTRATHIN BONDED WEARING COURSE

COUNTY	ROUTE	SECTION	LOG MILE	LOG MILE	TOTAL LENGTH	AVG. WIDTH	ULTRATHIN BONDED WEARING COURSE (3/4" - TYPE C)
							FEET
NEWTON	HWY. 7	18	16.90	18.20	6864.00	28.00	844
VAN BUREN	HWY. 65	7	0.19	0.22	158.40	30.00	21
VAN BUREN	HWY. 65	7	0.22	0.32	528.00	VAR	59
VAN BUREN	HWY. 65	7	0.32	1.57	6600.00	42.00	1217
VAN BURDEN	HWY. 65	7	1.57	1.70	686.40	VAR	143
FAULKNER	HWY. 64	9	3.36	3.54	950.40	60.00	250
FAULKNER	HWY. 64	9	3.54	3.76	1161.60	66.00	336
FAULKNER	HWY. 64	9	5.70	6.70	5280.00	66.00	1529
INDEPENDENCE	HWY. 167	18	8.00	9.08	5702.40	65.00	1627
TOTAL:							6026

RUMBLE STRIPS IN ASPHALT SHOULDERS

COUNTY	ROUTE	SECTION	LOG MILE	LOG MILE	LOCATION	* RUMBLE STRIPS IN ASPHALT SHOULDERS
						LIN. FT.
NEWTON	HWY. 7	18	16.90	18.20	HWY. 7	10904.4
VAN BUREN	HWY. 65	7	0.19	1.70	HWY. 65	12756
FAULKNER	HWY. 64	9	3.54	3.76	HWY. 64	929
FAULKNER	HWY. 64	9	5.70	6.70	HWY. 64	4224
INDEPENDENCE	HWY. 167	18	8.00	9.08	HWY. 167	9032
TOTAL:						37845

* QUANTITY ESTIMATED.
SEE SECTION 104.03 OF THE STD. SPECS.
TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER.

CENTERLINE RUMBLE STRIPES IN ASPHALT ROADWAYS

COUNTY	ROUTE	SECTION	LOG MILE	LOG MILE	LOCATION	*CENTERLINE RUMBLE STRIPES IN ASPHALT ROADWAYS
						LIN. FT.
NEWTON	HWY. 7	18	16.90	18.20	HWY. 7	6864
VAN BUREN	HWY. 65	7	0.19	1.70	HWY. 65	7973
TOTAL:						14837

* QUANTITY ESTIMATED.
SEE SECTION 104.03 OF THE STD. SPECS.
TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER.

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012539	19	20
QUANTITIES						



COLD MILLING ASPHALT PAVEMENT (BOX 1 OF 2)

LOG MILE	LOG MILE	LOCATION	AVG. WIDTH	COLD MILLING ASPHALT PAVEMENT
			FEET	SQ. YD.
16.88	16.90	NEWTON COUNTY, HWY. 7, SEC. 18	28.00	328.53
18.20	18.22	NEWTON COUNTY, HWY. 7, SEC. 19	28.00	328.53
0.17	0.19	VAN BUREN COUNTY, HWY. 65, SEC 7	30.00	352.00
1.70	1.72	VAN BUREN COUNTY, HWY. 65, SEC 8	VAR.	422.40
3.34	3.36	VAN BUREN COUNTY, HWY. 64, SEC 9	60.00	704.00
3.54	3.56	VAN BUREN COUNTY, HWY. 64, SEC 9	60.00	704.00
3.74	3.76	VAN BUREN COUNTY, HWY. 64, SEC 9	60.00	704.00
5.70	5.72	VAN BUREN COUNTY, HWY. 64, SEC 9	66.00	774.40
6.68	6.70	VAN BUREN COUNTY, HWY. 64, SEC 9	66.00	774.40
7.98	8.00	INDEPENDENCE COUNTY, HWY. 167, SEC 18	65.00	762.67
9.08	9.10	INDEPENDENCE COUNTY, HWY. 167, SEC 19	65.00	762.67
SUBTOTALS (BOX 1 OF 2):				6618

NOTE: COORDINATE COLD MILLING STOCKPILE LOCATIONS WITH DISTRICT ENGINEER.
STOCKPILE LOCATIONS SHALL BE NO FURTHER THAN FIVE MILES FROM EACH SITE.

COLD MILLING ASPHALT PAVEMENT - MILL & INLAY (BOX 2 OF 2)

LOG MILE	LOG MILE	LOCATION	AVG. WIDTH	COLD MILLING ASPHALT PAVEMENT
			FEET	SQ. YD.
3.36	3.54	VAN BUREN COUNTY, HWY. 64, SEC 9	60.00	3590.40
SUBTOTALS (BOX 1 OF 2)				6618.00
SUBTOTALS (BOX 2 OF 2)				3590.40
TOTALS:				10208

NOTE: AVERAGE MILLING DEPTH 2".
NOTE: COORDINATE COLD MILLING STOCKPILE LOCATIONS WITH DISTRICT ENGINEER.
STOCKPILE LOCATIONS SHALL BE NO FURTHER THAN FIVE MILES FROM EACH SITE.

ACHM PATCHING OF EXISTING ROADWAY

DESCRIPTION	TON
ENTIRE PROJECT - TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER	50
TOTAL:	50

NOTE: QUANTITY ESTIMATED.
SEE SECTION 104.03 OF THE STD. SPECS.

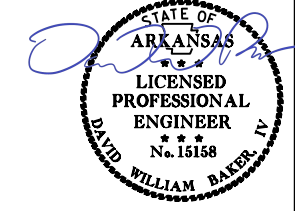
BASE AND SURFACING

STATION	STATION	LOCATION	LENGTH	TACK COAT			ACHM SURFACE COURSE (3/8")				
				(0.17 GAL. PER SQ. YD.)			AVG. WID.	SQ. YD.	POUND / SQ. YD.	TOTAL PG 70-22 TON	
				TOTAL WID.	SQ. YD.	GALLON					TOTAL GALLONS
FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET		
MAIN LANES											
3.36	3.54	VAN BUREN COUNTY, HWY. 64, SEC 9	950.40	60.00	6336.00	1077.12	1077.12	60.00	6336.00	110.00	348.48
TOTALS:					6336.00	1077.12	1077.12		6336.00		348.48

BASIS OF ESTIMATE:
ACHM SURFACE COURSE (3/8").....93.6% MIN. AGGR.....6.4% ASPHALT BINDER
TACK COAT QUANTITIES WERE CALCULATED USING THE EMULSIFIED ASPHALT RATES. REFER TO SS-400-1 FOR THE RESIDUAL ASPHALT APPLICATION RATES.

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/4/2026		6	ARK.	012539	20	20
2/23/2026						
2/27/2026						

SUMMARY OF QUANTITIES AND REVISIONS



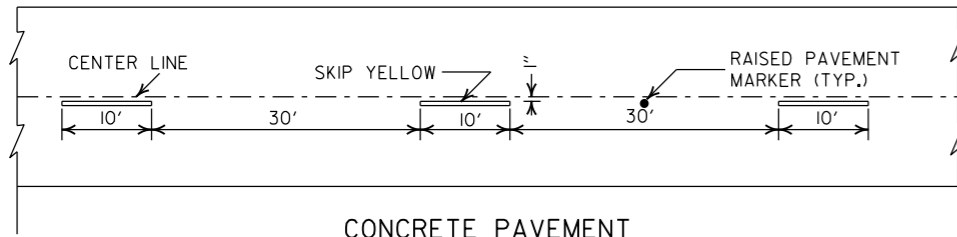
SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	QUANTITY	UNIT
SS & 401	TACK COAT	1077	GAL.
SP, SS, & 407	MINERAL AGGREGATE IN ACHM SURFACE COURSE (3/8")	327	TON
SP, SS, & 407	ASPHALT BINDER (PG 70-22) IN ACHM SURFACE COURSE (3/8")	22	TON
SP	ULTRATHIN BONDED WEARING COURSE (3/4"-TYPE C)	6026	TON
SP & 412	COLD MILLING ASPHALT PAVEMENT	10208	SQ. YD.
SP, SS, & 415	ACHM PATCHING OF EXISTING ROADWAY	50	TON
601	MOBILIZATION	1.00	LUMP SUM
SS & 603	MAINTENANCE OF TRAFFIC	1.00	LUMP SUM
SS & 604	SIGNS	1113	SQ. FT.
604	CONSTRUCTION PAVEMENT MARKINGS	96976	LIN. FT.
SP & 635	ROADWAY CONSTRUCTION CONTROL	1.00	LUMP SUM
642	RUMBLE STRIPS IN ASPHALT SHOULDERS	37845	LIN. FT.
SP & 642	CENTERLINE RUMBLE STRIPES IN ASPHALT ROADWAYS	14837	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING WHITE (6")	48151	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	48682	LIN. FT.
721	RAISED PAVEMENT MARKERS (TYPE II)	739	EACH

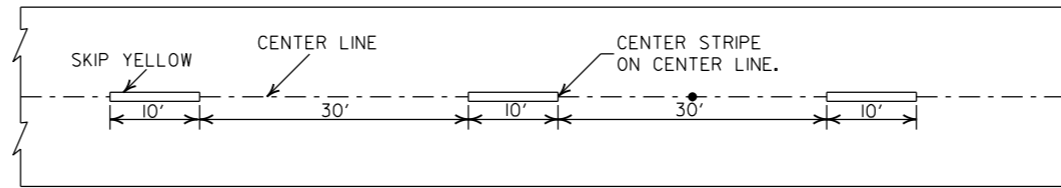
REVISIONS

DATE	REVISION	SHEET NUMBER
2/4/2026	REVISED TC-6. ADDED WZ-4 SIGN DETAIL.	2, 9, 17, 20
2/23/2026	ADDITION OF USE OF FOREIGN MADE UNMANNED AIRCRAFT SYSTEMS SPECIAL PROVISION	3,20
2/27/2026	REMOVED THE DESIGN OF ASPHALT MIXTURES - AGGREGATES SPECIAL PROVISION	3,20

012539 QUANTITIES.DGN CREATED: 5/21/2025 SAVED: 2/27/2026

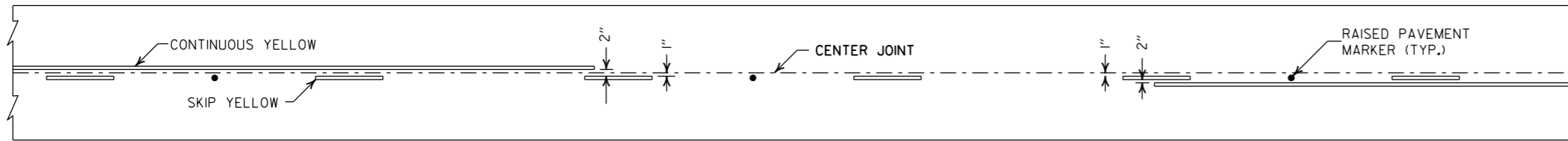


CONCRETE PAVEMENT

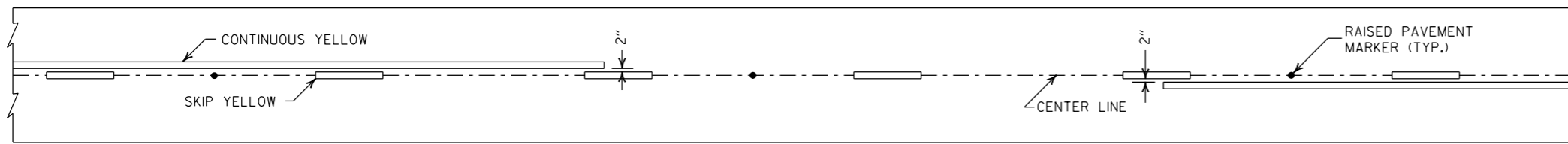


ASPHALT PAVEMENT

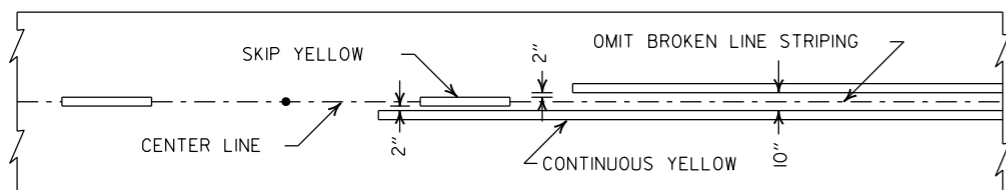
BROKEN LINE STRIPING



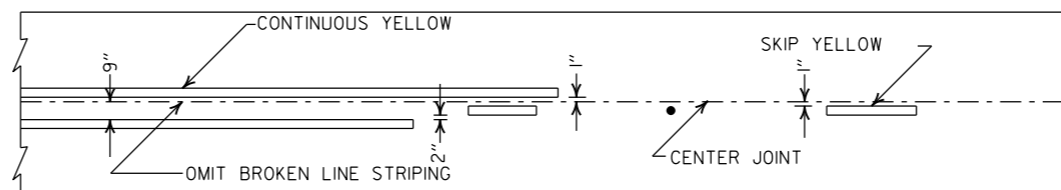
SOLID LINE STRIPING ON CONCRETE PAVEMENT



SOLID LINE STRIPING ON ASPHALT PAVEMENT

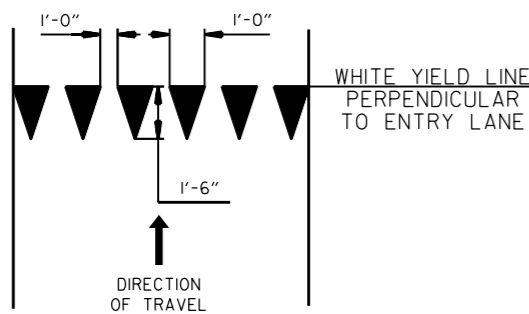


ASPHALT PAVEMENT

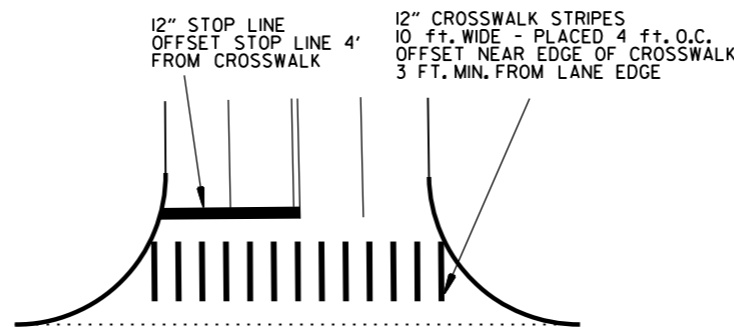


CONCRETE PAVEMENT

STRIPING AT ADJACENT NO PASSING LANES

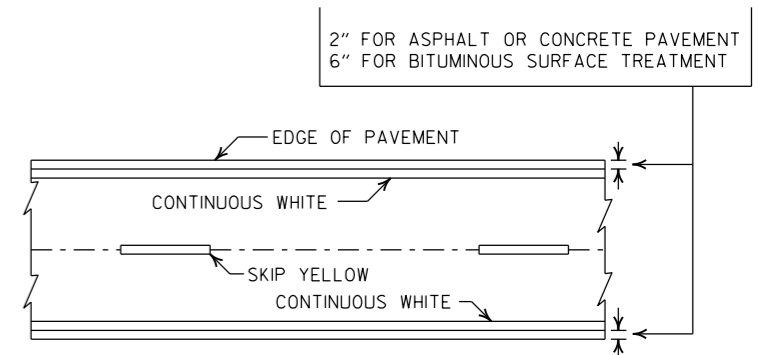


YIELD LINE DETAIL

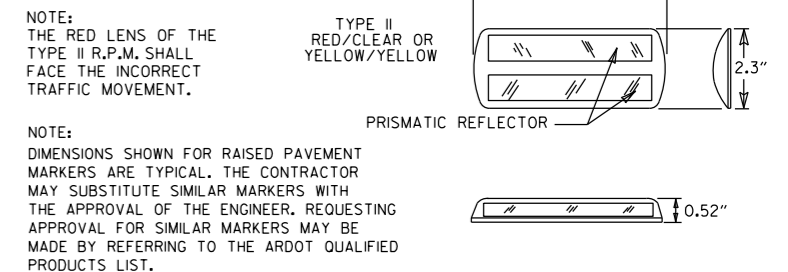


CROSSWALK AND STOP LINE DETAILS

- NOTES:
1. REFER TO THE STRIPING DETAILS FOR PAVEMENT MARKING LINE WIDTHS.
 2. THIS DRAWING SHALL BE USED IN CONJUNCTION WITH THE LATEST REVISED ADDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
 3. RAISED PAVEMENT MARKERS SHALL BE PLACED ON AN 80 FEET SPACING UNLESS OTHERWISE SHOWN IN THE PLANS.



PAVEMENT EDGE LINE MARKING




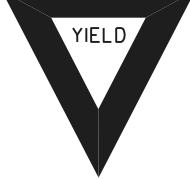





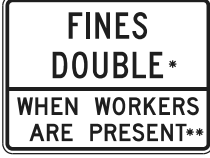


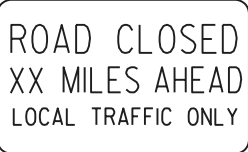


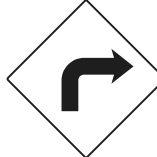








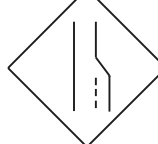

















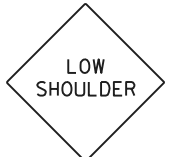

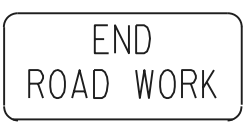
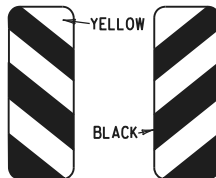
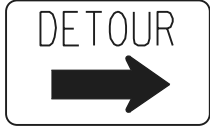

DETAIL OF STANDARD RAISED PAVEMENT MARKERS

DATE	REVISION	FILMED
2-27-20	REVISED STOP LINE DETAILS	
6-1-17	ADDED YIELD LINE DETAIL	
5-12-16	REVISED LINE WIDTHS, SPACING, & NOTES	
9-12-13	REVISED DETAIL OF STANDARD RAISED PAVEMENT MARKERS	
11-17-10	REVISED GENERAL NOTES & REMOVED PLOWABLE PVMT MRKRS	
11-18-04	REVISED NOTE 2 & GENERAL NOTES	
8-22-02	ADDED CROSSWALK & STOPBAR DTL.	
7-02-98	ADDED DETAILS OF STD. RAISED PAV'T. MARKERS	
4-26-96	REV. NOTES 3&4; ADDED R.P.M.	
9-30-80	DRAWN	1-9-30-80

ARKANSAS STATE HIGHWAY COMMISSION

PAVEMENT MARKING DETAILS


STANDARD DRAWING PM-1

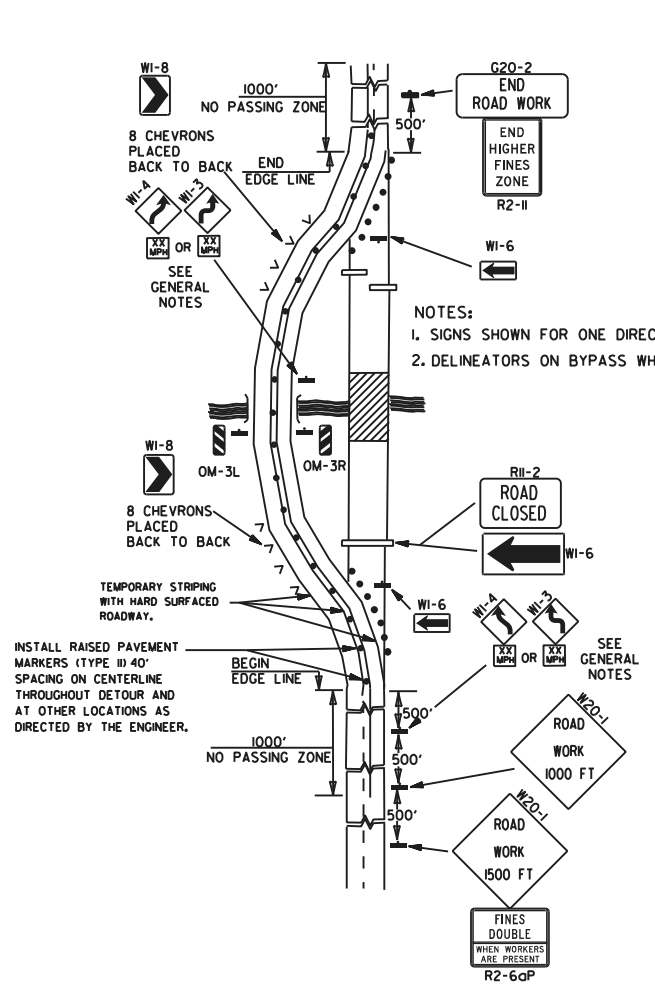
<p>RI-1</p>  <p>STANDARD 30"x30" EXPRESSWAY 36"x36" SPECIAL 48"x48"</p>	<p>RI-2</p>  <p>STD. 36"x36"x36" EXPWY. 48"x48"x48" FWY. 60"x60"x60"</p>	<p>R2-1</p>  <p>STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"</p>	<p>W3-5</p>  <p>STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"</p>	<p>W3-5a</p>  <p>STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"</p>	<p>R4-1</p>  <p>STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"</p>	<p>R4-2</p>  <p>STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"</p>	<p>R2-6aP</p>  <p>48"x36" *USE 6" C LETTERS **USE 4" D LETTERS</p>
<p>R5-1</p>  <p>STD. 30"x30" EXPWY. 36"x36" SPECIAL 48"x48"</p>	<p>R11-2</p>  <p>48"x30"</p>	<p>R11-3A</p>  <p>60"x30"</p>	<p>R11-4</p>  <p>60"x30"</p>	<p>W21-5a</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	<p>WI-1</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	<p>WI-2</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	<p>R2-II</p>  <p>36"x48"</p>
<p>WI-3</p>  <p>STD. 48"x48"</p>	<p>WI-4</p>  <p>STD. 48"x48"</p>	<p>WI-6</p>  <p>STD. 48"x24" SPECIAL 60"x30"</p>	<p>WI-8</p>  <p>STD. 18"x24" SPECIAL 24"x30" EXPWY. 30"x36" FWY. 36"x48"</p>	<p>W3-1</p>  <p>STD. 36"x36" SPECIAL 48"x48"</p>	<p>W3-2</p>  <p>STD. 36"x36" SPECIAL 48"x48"</p>	<p>W4-2</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	<p>R56-1</p>  <p>STD. 18"x18"</p>
<p>W5-1</p>  <p>STD. 36"x36" SPECIAL 48"x48"</p>	<p>W6-3</p>  <p>EXPWY. 36"x36" SPECIAL 48"x48"</p>	<p>W8-7</p>  <p>EXPWY. 36"x36" FWY. 48"x48"</p>	<p>W9-2</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	<p>W13-1</p>  <p>STD. 24"x24"</p>	<p>W20-1</p>  <p>STD. 48"x48"</p>	<p>W20-2</p>  <p>STD. 48"x48"</p>	<p>W20-3</p>  <p>STD. 48"x48"</p>
<p>W20-4</p>  <p>STD. 48"x48"</p>	<p>W20-5</p>  <p>STD. 48"x48"</p>	<p>W20-7a</p>  <p>18" 500 FEET W6-2 24" STD. 36"x36" FWY. 48"x48"</p>	<p>W21-2</p>  <p>STD. 30"x30" SPECIAL 36"x36"</p>	<p>W21-5</p>  <p>STD. 30"x30" SPECIAL 36"x36"</p>	<p>W24-1</p>  <p>STD. 36"x36"</p>	<p>WI-4b</p>  <p>STD. 48"x48"</p>	
<p>W8-II</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	<p>W8-9</p>  <p>STD. 36"x36" FWY. 48"x48"</p>	<p>G20-1</p>  <p>60"x24"</p>	<p>G20-2</p>  <p>48"x24"</p>	<p>OM-3L OM-3R</p>  <p>12"x36"</p>	<p>M4-9</p>  <p>STD. 30"x24" SPECIAL 48"x36" SPECIAL 60"x48"</p>	<p>M4-10</p>  <p>48"x18"</p>	

GENERAL NOTES:

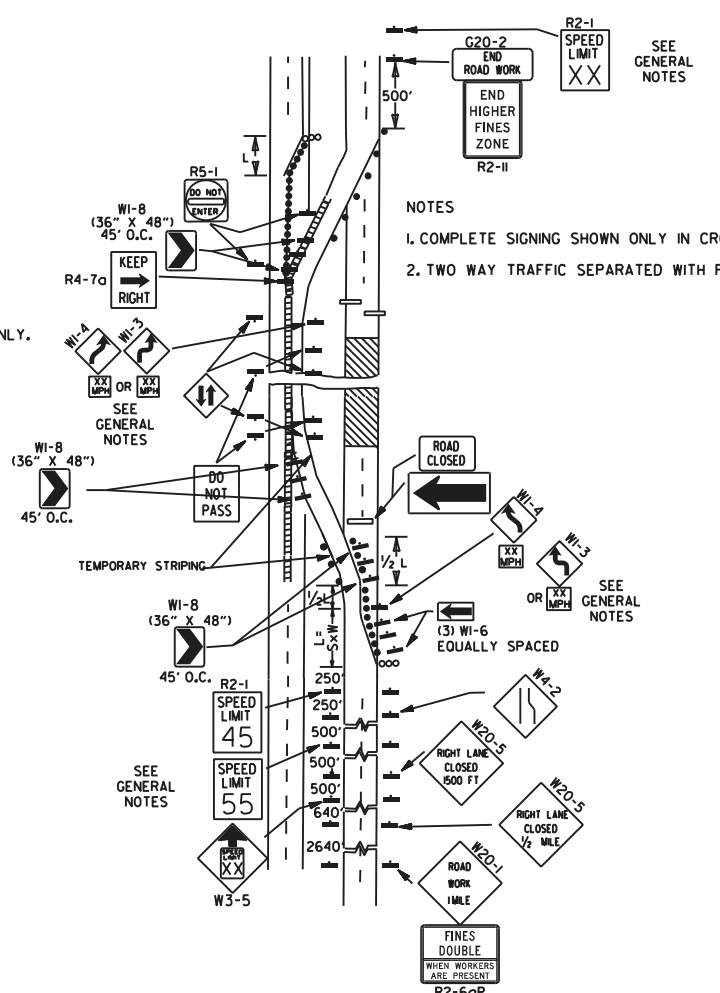
- ALL TRAFFIC CONTROL DEVICES USED ON ROAD CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND TO THE STANDARD HIGHWAY SIGNS, LATEST EDITION, OR AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION.
- TRAFFIC CONTROL DEVICES SHALL BE SET UP JUST BEFORE THE START OF CONSTRUCTION OPERATIONS AND SHALL BE PROPERLY MAINTAINED DURING THE TIME SUCH CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS NEEDED AND REMOVED THEREAFTER.
- EXISTING SIGNS AND CONSTRUCTION SIGNS SHALL BE KEPT IN PROPER POSITION, AND BE CLEAN AND LEGIBLE AT ALL TIMES. SIGNS THAT DO NOT APPLY TO EXISTING CONDITIONS SHALL BE REMOVED. SIGNS THAT ARE DAMAGED, DEFACED, OR THAT ACCUMULATE DIRT DURING CONSTRUCTION SHALL BE CLEANED, REPAIRED, OR REPLACED.
- SIGNS ARE USUALLY MOUNTED ON A SINGLE POST, ALTHOUGH THOSE WIDER THAN 36" OR LARGER THAN 10 SO. FT. SHALL BE MOUNTED ON TWO POSTS OR ABOVE A TYPE III BARRICADE.
- SIGN POSTS DIRECT BURIED IN SOIL SHALL BE 2 LB. MINIMUM CHANNEL POST OR 4"x4" WOOD POSTS. CHANNEL POSTS SHALL BE PAINTED GREEN. WOOD POSTS SHALL BE PAINTED WHITE. ALL POSTS SHALL BE NEATLY CONSTRUCTED, AND SHALL BE REPLUMBED, CLEANED, OR REPAIRED AS NEEDED FOR THE DURATION OF THE JOB. THERE SHALL NOT BE MORE THAN 2 POSTS IN A 7' PATH FOR WOOD OR CHANNEL POSTS. ANY CHANNEL POST SPLICE SHALL BE IN ACCORDANCE WITH STANDARD DRAWING TC-3.
- POST MOUNTED SIGNS IN RURAL AREAS SHALL BE CONSTRUCTED WITH THE NEAR EDGE OF THE SIGN FROM 6 TO 12 FEET FROM THE PAVEMENT EDGE. SIGNS IN URBAN AREAS AND BARRICADE MOUNTED SIGNS SHALL BE MOUNTED A MINIMUM OF 2 FEET FROM THE PAVEMENT EDGE.
- ALL POST AND BARRICADE MOUNTED SIGNS MOUNTED IN URBAN AREAS SHALL BE MOUNTED A MINIMUM DISTANCE OF 7' FROM THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE. ALL POST AND BARRICADE MOUNTED SIGNS MOUNTED IN RURAL AREAS SHALL BE MOUNTED A MINIMUM DISTANCE OF 7' FROM THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE, EXCEPT A MINIMUM OF 6' SHALL BE USED WHEN MOUNTING AN ADVISORY SIGN BELOW A WARNING SIGN. TEMPORARY SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS FOR INTERMEDIATE TERM STATIONARY WORK CONDITIONS. THE SIGNS MINIMUM MOUNTING HEIGHT SHALL BE 5'. RETROREFLECTIVE DEVICES SHALL BE USED. TEMPORARY SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS FOR SHORT-TERM, SHORT DURATION, AND MOBILE CONDITIONS. THEY SHALL BE NO LESS THAN ONE (1) FOOT ABOVE THE TRAVELED WAY. LONG-TERM STATIONARY SIGNS SHALL BE DIRECT BURIED IN SOIL, UNLESS CONDITIONS NECESSITATE THE USE OF PORTABLE SIGNS, OR AS APPROVED BY THE ENGINEER. CONCRETE PADS, CONCRETE OR ROCK BALLAST, OR OTHER SOLID MATERIALS SHALL NOT BE UTILIZED WITH PORTABLE SIGN SUPPORTS.
- FLAGGERS SHALL USE REFLECTORIZED STOP-SLOW PADDLES. FLAGS MAY BE USED ONLY FOR EMERGENCY SITUATIONS.
- MOST OF THE SIGNS SHOWN ARE ORIENTED TO THE RIGHT. HOWEVER, THIS DOES NOT PRECLUDE THE USE OF MIRROR IMAGES OF THESE SIGNS WHERE THE REVERSE ORIENTATION MIGHT BETTER CONVEY TO MOTORISTS THE PROPER DIRECTION OF MOVEMENT.
- R2-6aP PLAQUES SHALL BE MOUNTED BELOW AN APPLICABLE ADVANCE WARNING SIGN THAT IS LOCATED AT LEAST 1500' BUT NOT MORE THAN 1 MILE IN ADVANCE OF THE WORK ZONE. IF A SPEED LIMIT REDUCTION IS IN EFFECT, THE PLAQUE SHALL BE PLACED A MINIMUM OF 500' IN ADVANCE OF THE W3-5 "REDUCED SPEED AHEAD" SIGN. R2-II SIGNS SHALL BE INSTALLED AT OR NEAR THE DOWNSTREAM END OF THE WORK ZONE. SEE STANDARD DRAWINGS TC-2, TC-3, AND TC-6 FOR TYPICAL PLACEMENT LOCATIONS.

*NOTE: SUPPORTS FOR SIGNS, BARRICADES, AND VERTICAL PANELS THAT ARE DIFFERENT FROM THE REQUIREMENTS SHOWN IN NOTES 4 & 5, BUT MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH), WILL BE ACCEPTED. COMPLIANCE WITH THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) IS REQUIRED FOR ALL PROJECTS.

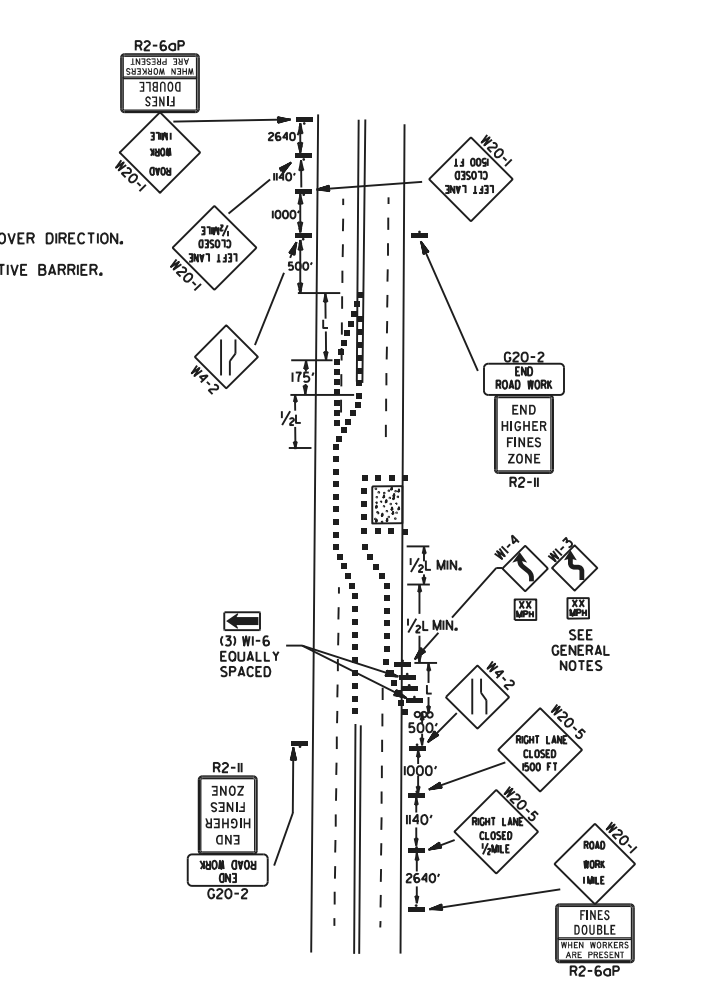
		<p>ARKANSAS STATE HIGHWAY COMMISSION</p>	
<p>STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION</p>			
<p>REPLACED R55-1 WITH R2-6aP, ADDED R2-11 & REVISED NOTE 10</p>	<p>REVISED FOR MASH</p>	<p>DELETED RSP-1 & ADDED W21-5a</p>	<p>REVISED REDUCED SPEED SIGN TO SHOW NEXT SIX MILES</p>
<p>08-14-25</p>	<p>11-07-19</p>	<p>04-13-17</p>	<p>09-02-15</p>
<p>DATE</p>	<p>REV</p>	<p>DATE</p>	<p>REV</p>
<p>08-14-2025</p>	<p>STANDARD DRAWING</p>	<p>TC-1</p>	<p>DESCRIPTION</p>



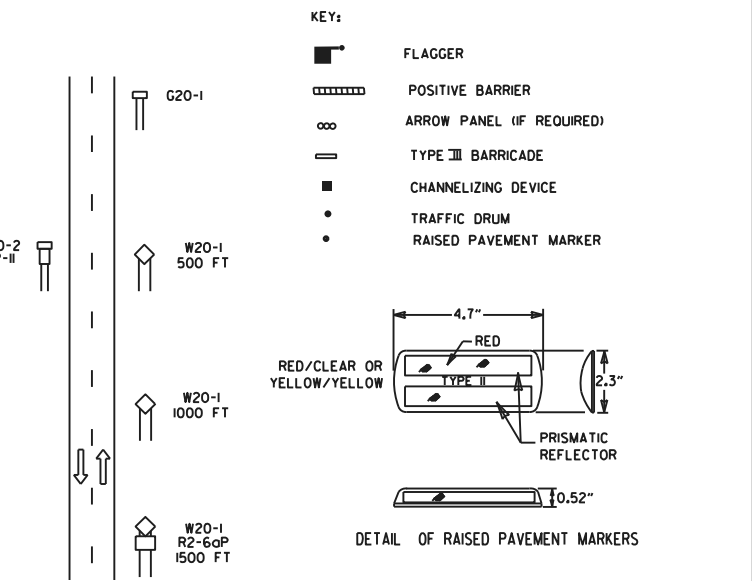
(A) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON A 2-LANE HIGHWAY WHERE THE ENTIRE ROADWAY IS CLOSED AND A BYPASS DETOUR IS PROVIDED.



(B) TYPICAL APPLICATION - 4-LANE DIVIDED ROADWAY WHERE ONE ROADWAY IS CLOSED.

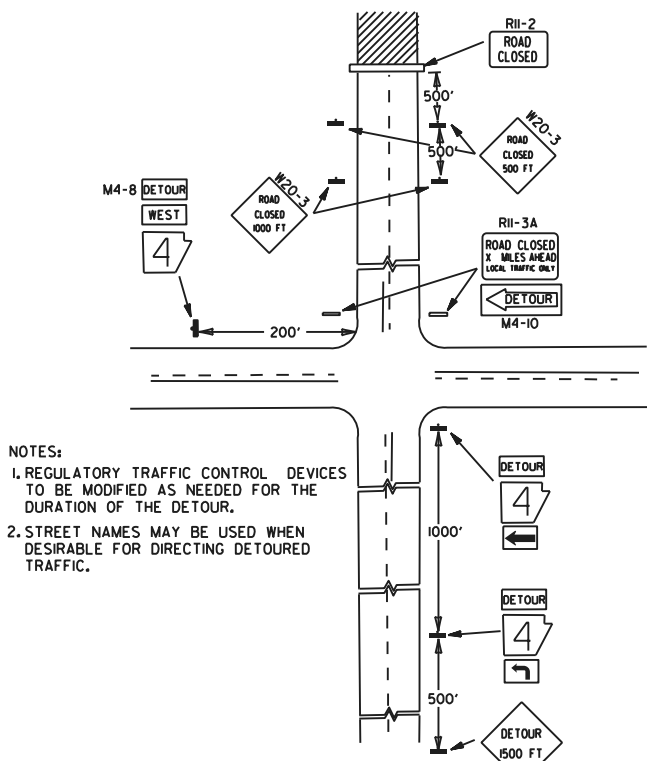


(C) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.

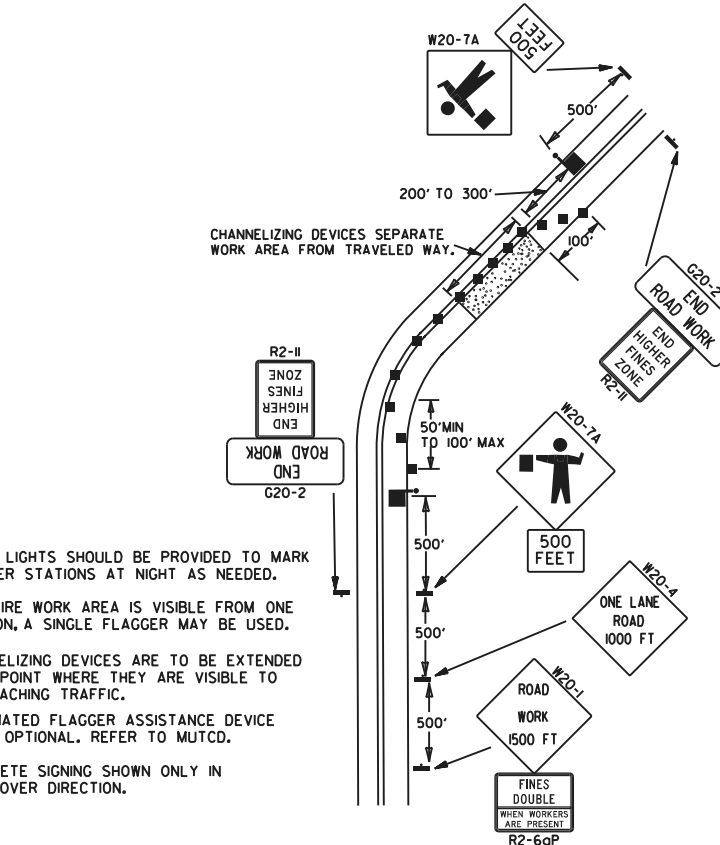


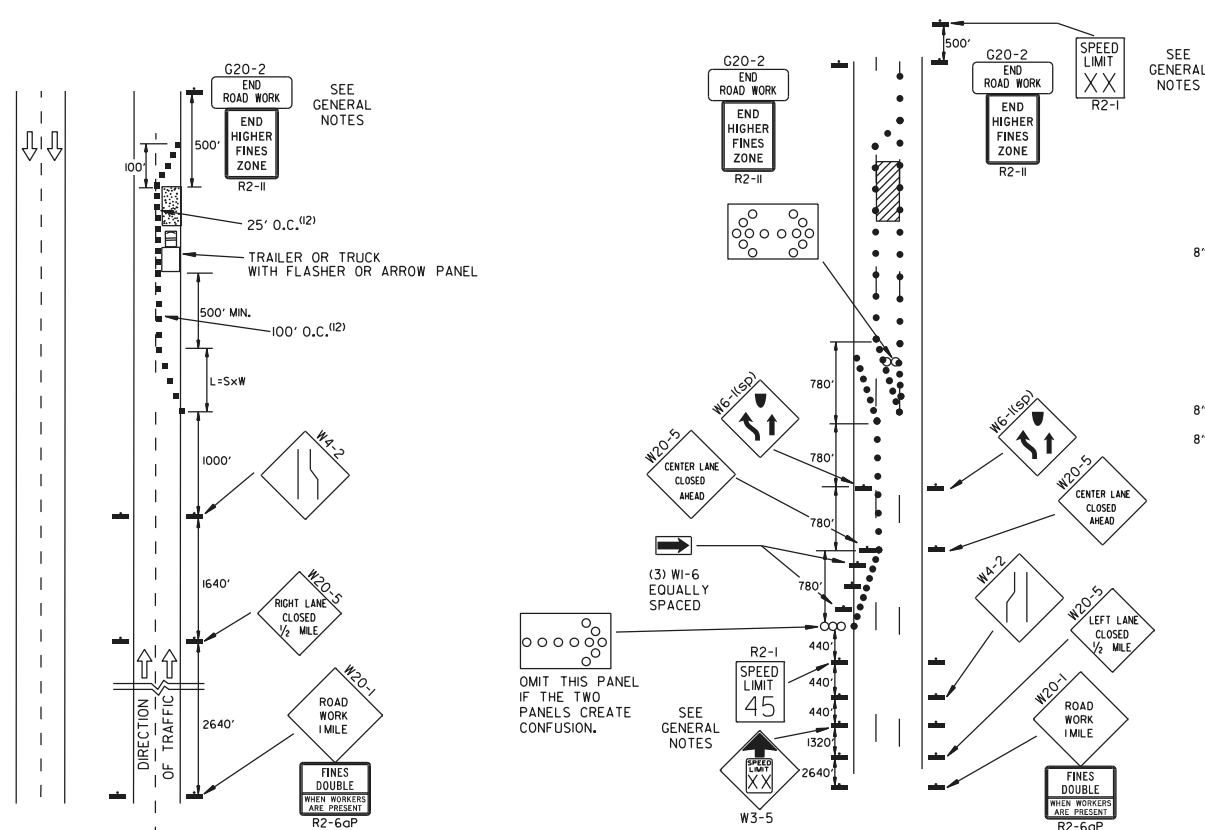
TYPICAL ADVANCE WARNING SIGN PLACEMENT
 TAPER FORMULAE:
 $L = SXW$ FOR SPEEDS OF 45MPH OR MORE.
 $L = \frac{WS^2}{60}$ FOR SPEEDS OF 40MPH OR LESS.
 WHERE:
 L = MINIMUM LENGTH OF TAPER.
 S = NUMERICAL VALUE OF POSTED SPEED LIMIT PRIOR TO WORK OR 85TH PERCENTILE SPEED.
 W = WIDTH OF OFFSET.

- GENERAL NOTES:
1. THE MAINTENANCE DIVISION SHALL CONDUCT A BALL BANK STUDY TO DETERMINE THE ADVISORY SPEED LIMIT PRIOR TO OPENING TO TRAFFIC. THE ADVISORY SPEED WILL BE POSTED ON W1-3 OR W1-4 CURVE WARNING SIGNS. USE W1-4 WHEN SPEED IS GREATER THAN 30MPH AND W1-3 WHEN 30MPH OR LESS.
 2. WHEN THE EXISTING SPEED LIMIT IS 55MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 45MPH, THE R2-1(55) SHALL BE OMITTED AND THE W3-5 SHALL BE INSTALLED AT THAT LOCATION. ADDITIONAL R2-1 45MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/2 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
 3. WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 55MPH, THE R2-1(65) SHALL BE OMITTED. ADDITIONAL R2-1 55MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/2 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
 4. THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED LIMIT. BEYOND THE TAPER, MAXIMUM SPACING SHALL BE TWO TIMES THE SPEED LIMIT, OR AS DIRECTED BY THE ENGINEER.
 5. WARNING LIGHTS AND/OR FLAGS MAY BE MOUNTED TO SIGNS OR CHANNELIZING DEVICES AT NIGHT AS NEEDED.
 6. PAVEMENT MARKINGS NO LONGER APPLICABLE WHICH MIGHT CREATE CONFUSION IN THE MINDS OF VEHICLE OPERATORS SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICABLE.
 7. TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE DELINEATED BY AFFIXING CONSPICUITY MATERIAL IN A CONTINUOUS LINE ON THE FACE OF THE TRAILER. WHEN PLACED ON OR ADJACENT TO THE SHOULDER AND NOT BEHIND A POSITIVE BARRIER, THESE DEVICES SHALL BE DELINEATED BY PLACING FIVE (5) TRAFFIC DRUMS, EQUALLY SPACED ALONG THE TRAFFIC SIDE OF THE DEVICE. PAYMENT FOR TRAFFIC DRUMS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR VARIOUS TRAILER MOUNTED DEVICES.
 8. DIMENSIONS SHOWN FOR RAISED PAVEMENT MARKERS ARE TYPICAL. THE CONTRACTOR MAY SUBSTITUTE SIMILAR MARKERS WITH THE APPROVAL OF THE ENGINEER. REQUESTING APPROVAL FOR SIMILAR MARKERS MAY BE MADE BY REFERRING TO THE ARDOT QUALIFIED PRODUCTS LIST.
 9. ALL TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL MEET THE REQUIREMENTS OF THE MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).

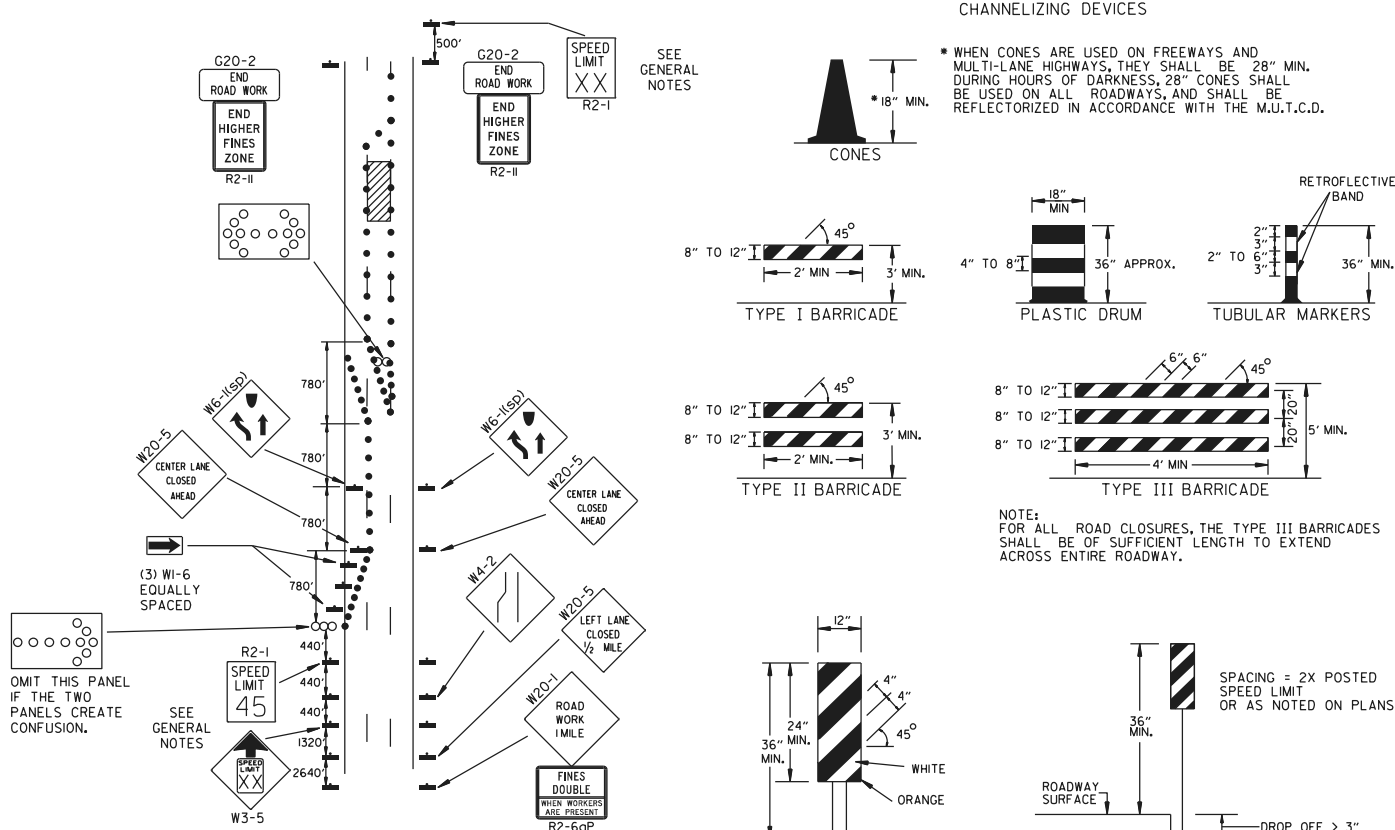


(D) TYPICAL APPLICATION - ROADWAY CLOSED BEYOND DETOUR POINT.





(A) TYPICAL APPLICATION - DAYTIME MAINTENANCE OPERATIONS OF SHORT DURATION ON A 4-LANE DIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.



(B) TYPICAL APPLICATION - 3-LANE ONEWAY ROADWAY WHERE CENTER LANE IS CLOSED.

KEY:

○ ○ ○ ○ ○ ARROW PANEL (IF REQUIRED)

■ CHANNELIZING DEVICE

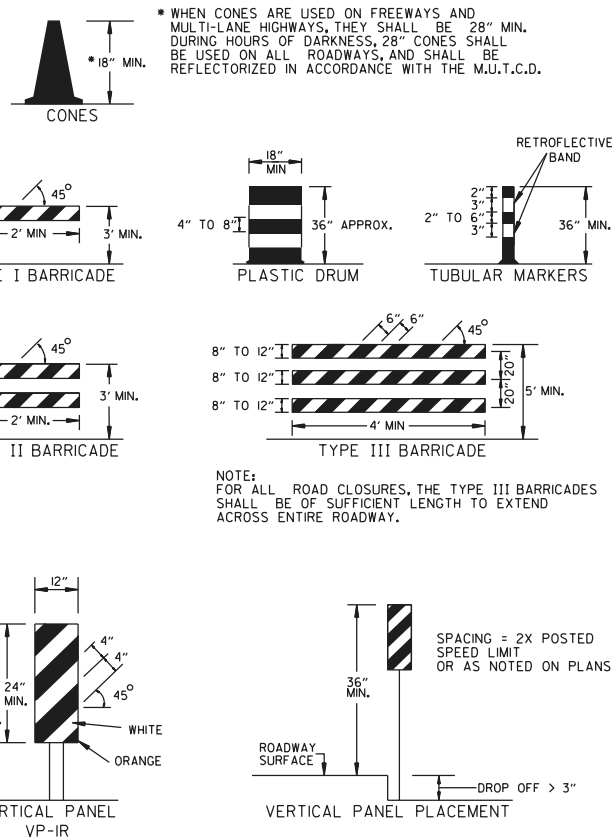
● TRAFFIC DRUM

GENERAL NOTES:

- A SPEED LIMIT REDUCTION MAY BE IMPLEMENTED ONLY WHEN DESIGNATED IN THE PLAN OR WHEN RECOMMENDED BY THE ROADWAY DESIGN DIVISION.
- WHEN THE EXISTING SPEED LIMIT IS 55MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 45MPH, THE R2-1(55) SHALL BE OMITTED. ADDITIONAL R2-1(45) SHALL BE INSTALLED AT THAT LOCATION. ADDITIONAL R2-1(45)MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/2 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
- WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 55MPH, THE R2-1(65) SHALL BE OMITTED. ADDITIONAL R2-1(55)MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/2 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
- THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED LIMIT. BEYOND THE TAPER, MAXIMUM SPACING SHALL BE TWO TIMES THE SPEED LIMIT OR AS DIRECTED BY THE ENGINEER.
- WARNING LIGHTS AND/OR FLAGS MAY BE MOUNTED TO SIGNS OR CHANNELIZING DEVICES AT NIGHT AS NEEDED.
- PAVEMENT MARKINGS NO LONGER APPLICABLE WHICH MIGHT CREATE CONFUSION IN THE MINDS OF VEHICLE OPERATORS SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICABLE.
- THE G20-1 SIGN SHOULD BE INSTALLED ON JOBS OF OVER TWO MILES IN LENGTH. WHEN THE LANE CLOSURE IS NOT AT THE BEGINNING OF THE PROJECT, THE G20-1 SIGN SHALL BE ERECTED 125' IN ADVANCE OF THE JOB LIMIT. ADDITIONAL W20-1(1/2 MILE) SIGNS ARE NOT REQUIRED IN ADVANCE OF LANE CLOSURES THAT BEGIN INSIDE THE PROJECT LIMITS. THE DISTANCE DISPLAYED ON THE G20-1 SIGN SHALL BE STATED TO THE NEAREST WHOLE MILE.
- FLAGGERS SHALL USE STOP/SLOW PADDLES FOR CONTROLLING TRAFFIC THROUGH WORK ZONES. FLAGS MAY BE USED ONLY FOR EMERGENCY SITUATIONS.
- ALL PLASTIC DRUMS AND CONES SHALL MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).
- TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE DELINEATED BY AFFIXING CONSPICUOUS MATERIAL IN A CONTINUOUS LINE ON THE FACE OF THE TRAILER. WHEN PLACED ON OR ADJACENT TO THE SHOULDER AND NOT BEHIND A POSITIVE BARRIER, THESE DEVICES SHALL BE DELINEATED BY PLACING FIVE (5) TRAFFIC DRUMS, EQUALLY SPACED ALONG THE TRAFFIC SIDE OF THE DEVICE. PAYMENT FOR TRAFFIC DRUMS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR VARIOUS TRAILER MOUNTED DEVICES.
- ALL TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL MEET THE REQUIREMENTS OF THE MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).
- ONLY WHERE SPACE RESTRICTIONS DO NOT ALLOW FOR TRAFFIC DRUMS, TUBULAR MARKERS MAY BE USED AT 50' O.C. IN STABILIZATION ZONES AND AT 10' O.C. DIRECTLY ADJACENT TO CONSTRUCTION OPERATIONS AND AT EXIT TAPERS. TUBULAR MARKERS SHALL BE STABILIZED WITH WEIGHTED BASES IN ACCORDANCE WITH THE M.U.T.C.D.

(C) TYPICAL APPLICATION - CONSTRUCTION OPERATIONS OF INTERMEDIATE TO LONG TERM DURATION ON A 4-LANE DIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.

CHANNELIZING DEVICES



* WHEN CONES ARE USED ON FREEWAYS AND MULTI-LANE HIGHWAYS, THEY SHALL BE 28" MIN. DURING HOURS OF DARKNESS, 28" CONES SHALL BE USED ON ALL ROADWAYS, AND SHALL BE REFLECTORIZED IN ACCORDANCE WITH THE M.U.T.C.D.

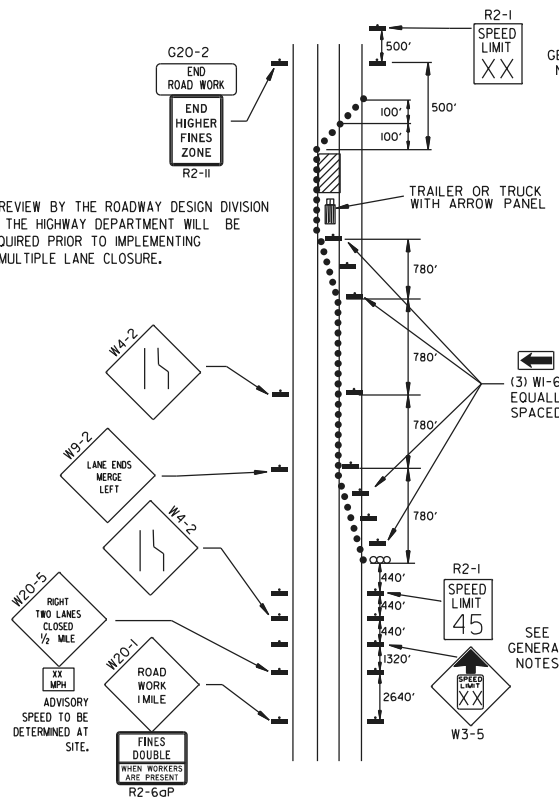
NOTE: FOR ALL ROAD CLOSURES, THE TYPE III BARRICADES SHALL BE OF SUFFICIENT LENGTH TO EXTEND ACROSS ENTIRE ROADWAY.

SPACING ≥ 2X POSTED SPEED LIMIT OR AS NOTED ON PLANS

FLAG SHALL BE OF GOOD GRADE RED MATERIAL



A REVIEW BY THE ROADWAY DESIGN DIVISION OF THE HIGHWAY DEPARTMENT WILL BE REQUIRED PRIOR TO IMPLEMENTING A MULTIPLE LANE CLOSURE.



(D) TYPICAL APPLICATION - CLOSING MULTIPLE LANES OF A MULTILANE HIGHWAY.

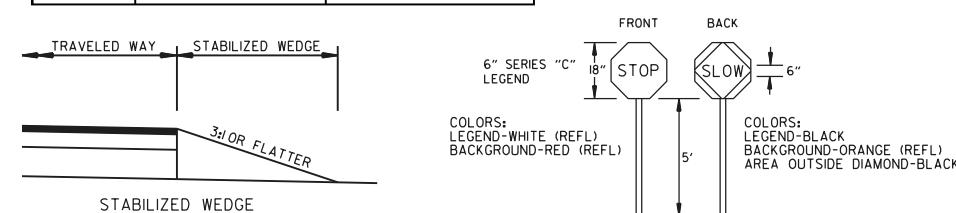
TRAFFIC CONTROL DEVICES

VERTICAL DIFFERENTIAL	LOCATION	TRAFFIC CONTROL	
		≤ 45 MPH	> 45 MPH
≤ 1"	CENTERLINE	W8-11	W8-11
> 1"	CENTERLINE	W8-11 AND CENTERLINE LANE STRIPING	W8-11 AND CENTERLINE LANE STRIPING
> 3"	CENTERLINE	STANDARD LANE CLOSURE ⁽¹⁾	STANDARD LANE CLOSURE ⁽¹⁾
≤ 3"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-9 AND TRAFFIC DRUMS ⁽¹⁾	W8-9 AND TRAFFIC DRUMS ⁽¹⁾
> 3"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾
> 6"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽²⁾
> 18"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽¹⁾	A STABILIZED WEDGE, W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽²⁾
> 24"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	PRECAST CONCRETE BARRIER ⁽¹⁾ & EDGE LINES	PRECAST CONCRETE BARRIER ⁽¹⁾ & EDGE LINES

INTERSTATE		
VERTICAL DIFFERENTIAL	LOCATION	TRAFFIC CONTROL
≤ 3"	CENTERLINE	W8-11 AND LANE STRIPING
≤ 3"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-9, EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽²⁾
> 3"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS ⁽²⁾
> 6"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	PRECAST CONCRETE BARRIER & EDGE LINES

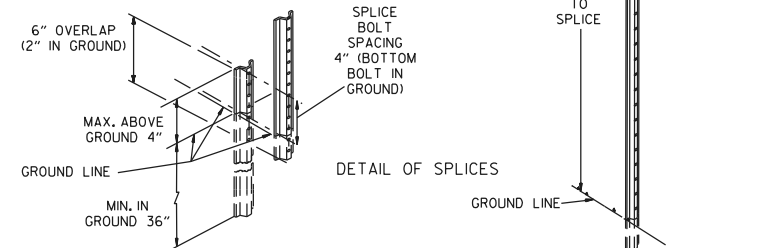
INTERSTATE AND NON-INTERSTATE		
FORESLOPE	HEIGHT	TRAFFIC CONTROL
1:1	> 2 FT	PRECAST CONCRETE BARRIER
2:1	≤ 5 FT	TRAFFIC DRUMS
2:1	> 5 FT	PRECAST CONCRETE BARRIER
Flatter than 2:1	N/A	TRAFFIC DRUMS

- GENERAL NOTES:
- WHEN THE SHOULDER AREA IS USED AS PART OF THE TRAVELED LANE AND THERE IS INSUFFICIENT WIDTH TO PLACE TRAFFIC DRUMS ON THE REMAINING SHOULDER WIDTH, THEN VERTICAL PANELS SHALL BE USED.
 - WHEN THERE IS INSUFFICIENT WIDTH TO PLACE TRAFFIC DRUMS ON THE REMAINING SHOULDER WIDTH, A STABILIZED WEDGE SHALL BE USED. PRECAST CONCRETE BARRIER WALL CAN BE USED IN LIEU OF A STABILIZED WEDGE, W8-17 SIGN, EDGE LINE STRIPING, AND TRAFFIC DRUMS, IF AND WHERE DIRECTED BY THE ENGINEER. A STABILIZED WEDGE, W8-17 SIGN, EDGE LINE STRIPING, AND TRAFFIC DRUMS CAN BE USED IN LIEU OF PRECAST CONCRETE BARRIER WALL, IF AND WHERE DIRECTED BY THE ENGINEER.
 - W21-5, W21-5a, AND/OR W21-5b SIGNS SHALL BE USED WHERE THE ROADWAY IS UNOBSERVED IF AND WHERE DIRECTED BY THE ENGINEER. TIME LIMITATIONS MUST CONFORM TO SECTION 603 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (CURRENT EDITION).



NOTE: MATERIALS FOR THE STABILIZED WEDGE SHALL MEET THE REQUIREMENTS PROVIDED IN SECTION 603.02 OF THE STANDARD SPECIFICATIONS.

- NOTES:
- USE SPLICES ONLY WHEN NECESSARY FOR INSTALLATION. TYPICAL INSTALLATION SHOULD HAVE NO SPLICES (SEE STD. DRAWING NO. SHS-2)
 - NORMAL INSTALLATIONS WILL REQUIRE 1/4" DIA. BOLTS TO MOUNT SIGNS TO POST AND 5/16" DIA. BOLTS TO ASSEMBLE THE VARIOUS POST SUPPORTS. EACH OF THESE BOLTS SHALL BE CARRIAGE BOLTS.
 - SIGN POSTS SHALL BE PAINTED GREEN; SIGNS SHALL NOT BE PAINTED, AND ALL SIGN POSTS SHALL BE PLUMB.



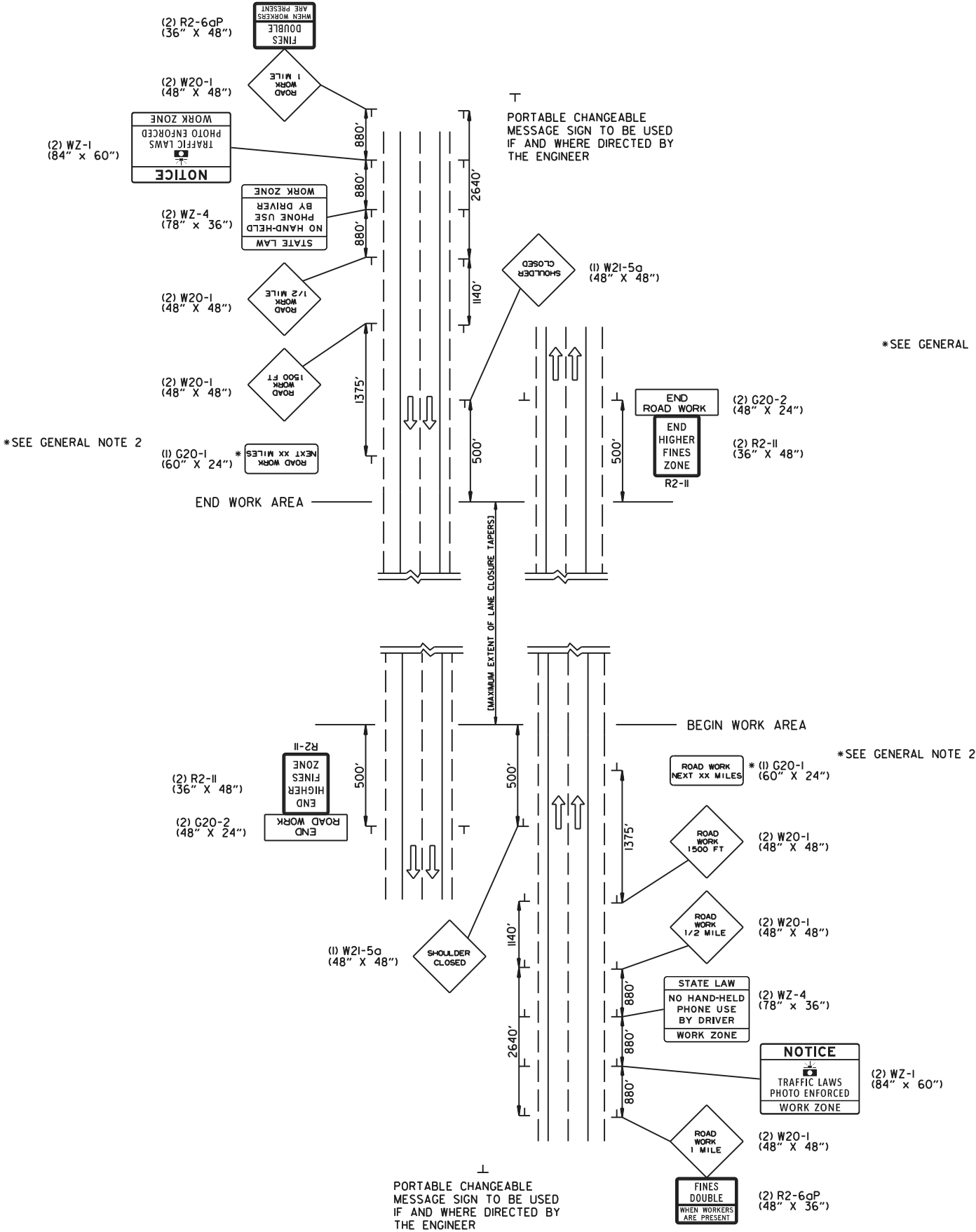
DATE	REV	DESCRIPTION
08-14-25	ADDED	R2-6aP AND R2-11
05-22-25	REVISED	TRAFFIC CONTROL DEVICES AND NOTES, ADDED NOTE 12
08-12-21	REVISED	TRAFFIC CONTROL DEVICES AND NOTES
05-20-21	REVISED	NOTE 10
02-27-20	REVISED	TRAFFIC CONTROL DEVICES DETAILS

ARKANSAS STATE HIGHWAY COMMISSION

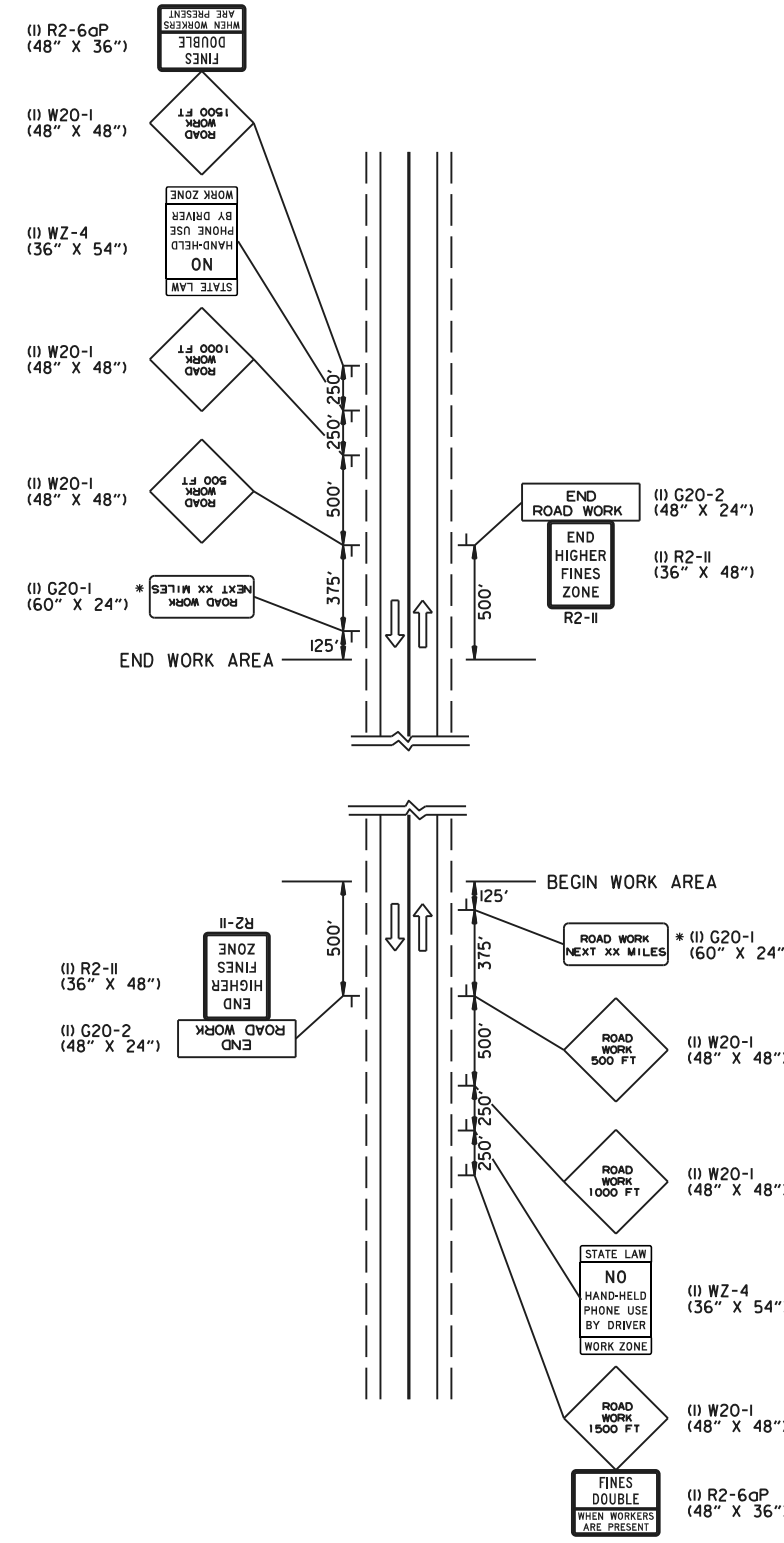
STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION

DATE EFFECTIVE	STANDARD DRAWING	TC-3
08-14-2025		

NOTE : W20-1 (VARIOUS DISTANCE) ADVANCE SIGNS TO BE REPLACED AS NEEDED BY EQUIVALENT W20-5 SIGNS AS WORKING AREA SHIFTS.



(A) TYPICAL APPLICATION - ADVANCE WARNING SIGNS AT BEGINNING AND END OF JOB (FULLY CONTROLLED ACCESS FACILITIES) (ALL STAGES)



(B) TYPICAL APPLICATION - ADVANCE WARNING SIGNS AT BEGINNING AND END OF JOB (NON-FULLY CONTROLLED ACCESS FACILITIES) (ALL STAGES)

- GENERAL NOTES:
1. FLAGS MAY BE MOUNTED TO SIGNS AT NIGHT AS NEEDED.
 2. THE G20-1 SIGN SHOULD BE INSTALLED ON JOBS OF OVER TWO MILES IN LENGTH. WHEN THE LANE CLOSURE IS NOT AT THE BEGINNING OF THE PROJECT, THE G20-1 SIGN SHALL BE ERRECTED 125' IN ADVANCE OF THE JOB LIMIT. ADDITIONAL W20-1 (1 MILE OR 1500 FT) SIGNS ARE NOT REQUIRED IN ADVANCE OF LANE CLOSURES THAT BEGIN INSIDE THE PROJECT LIMITS. THE DISTANCE DISPLAYED ON THE G20-1 SIGN SHALL BE STATED TO THE NEAREST WHOLE MILE.
 3. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE DELINEATED BY AFFIXING CONSPICUITY MATERIAL IN A CONTINUOUS LINE ON THE FACE OF THE TRAILER. WHEN PLACED ON OR ADJACENT TO THE SHOULDER AND NOT BEHIND A POSITIVE BARRIER, THIS DEVICE SHALL BE DELINEATED BY PLACING FIVE (5) TRAFFIC DRUMS, EQUALLY SPACED ALONG THE TRAFFIC SIDE OF THE DEVICE. PAYMENT FOR TRAFFIC DRUMS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR PORTABLE CHANGEABLE MESSAGE SIGNS.
 4. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL MEET THE REQUIREMENTS OF THE MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).

ADDED WZ-4 AND REVISED GENERAL NOTE 1			ARKANSAS STATE HIGHWAY COMMISSION	
01-22-26	11-06-25		STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	
08-14-25	ISSUED	DATE EFFECTIVE	STANDARD DRAWING	TC-6
		01-22-2026		