

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06-07-22		6	ARK.	012408	1	55
DISTRICTS 4, 8 AND 9 BRIDGE PRESERVATION (2022) (S)						

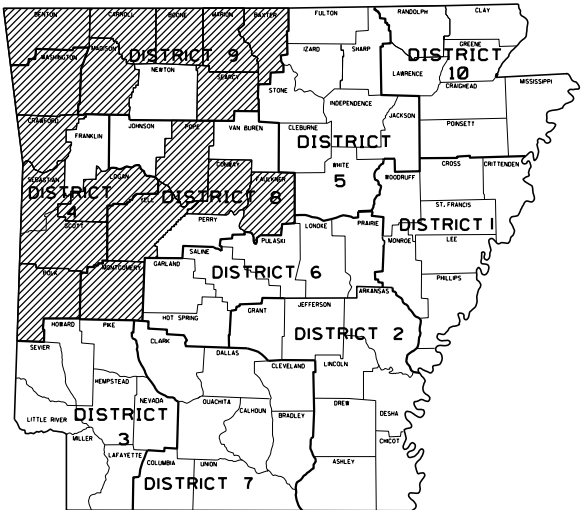
ARKANSAS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLANS

DISTRICTS 4, 8 & 9 BRIDGE
PRESERVATION (2022) (S)

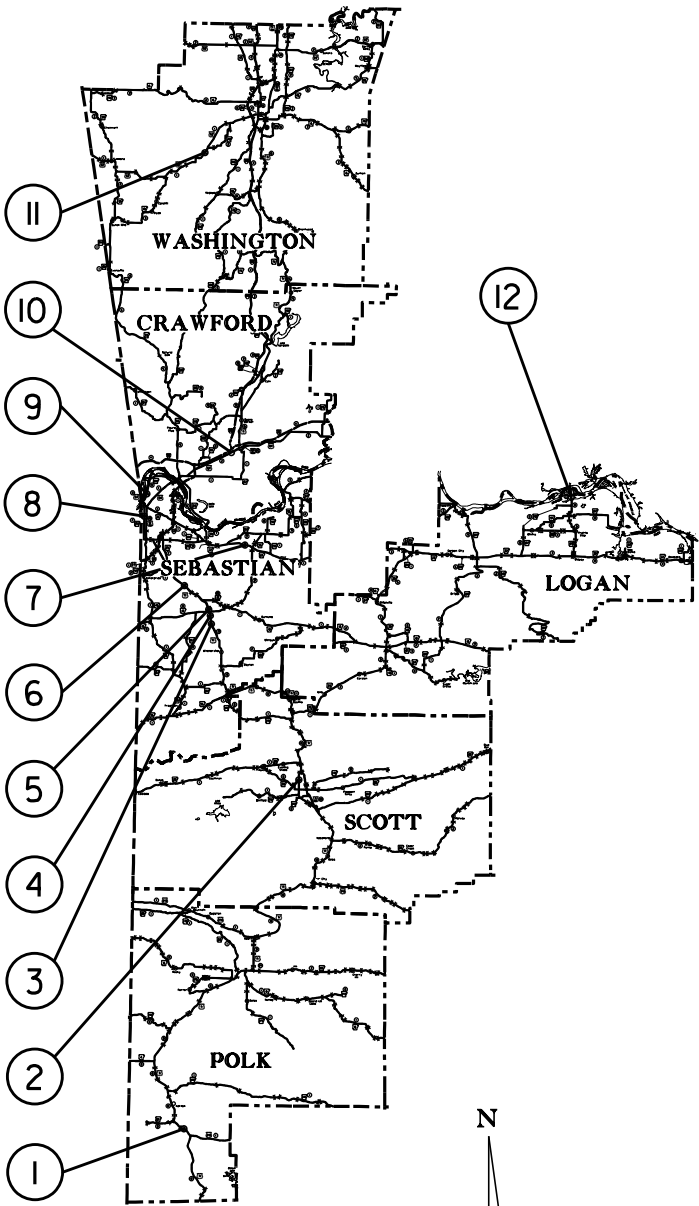
VARIOUS COUNTIES

JOB 012408

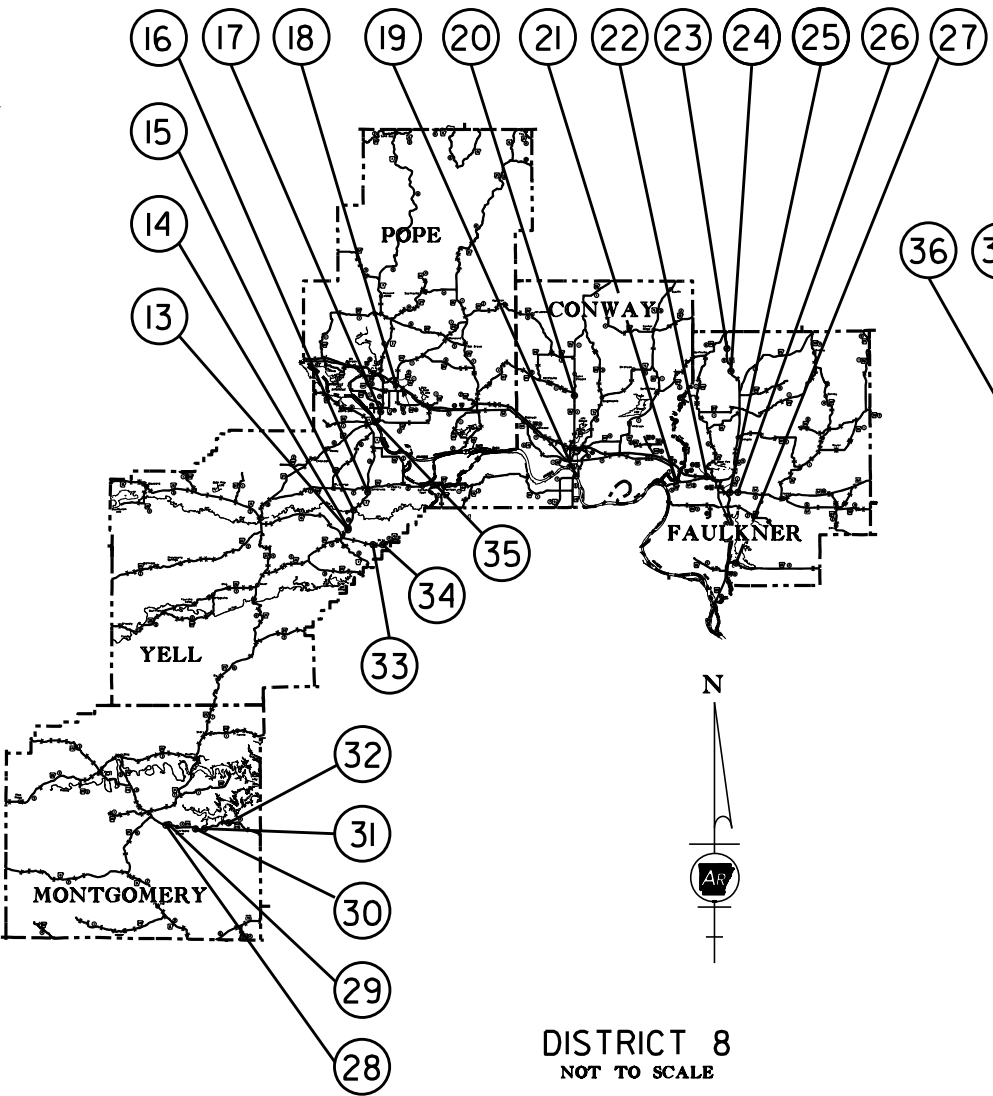
FED. AID PROJ. NHPP-BFP-0076(268)



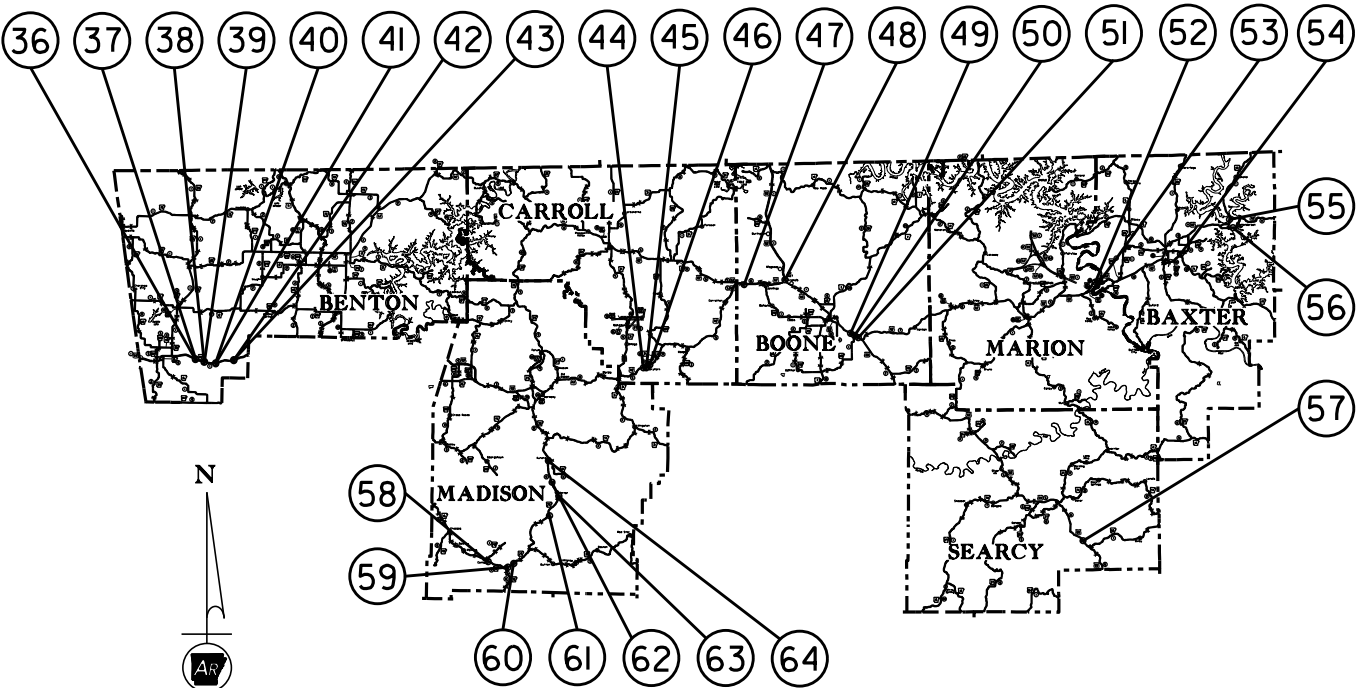
ARKANSAS HIGHWAY DISTRICTS 4, 8 & 9



DISTRICT 4
NOT TO SCALE



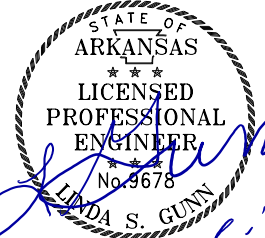
DISTRICT 8
NOT TO SCALE



DISTRICT 9
NOT TO SCALE

- NOTES:
1. BRIDGE DATA IS ON PLAN SHEETS 2 & 3.
 2. REFER TO SPECIAL DETAILS FOR INSET ENLARGEMENTS AT BRIDGE LOCATIONS.

LENGTH CALCULATED ALONG C. L. BRIDGES			
NET LENGTH OF ROADWAY	00000.00 FEET	0.000	MILES
NET LENGTH OF BRIDGES	36260.10 FEET	6.867	MILES
NET LENGTH OF PROJECT	36260.10 FEET	6.867	MILES



6-7-22

T:\civil\kaymac - 4/28/2022 11:55:59 AM
Y:\Projects\VAR001-06597-02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.04.BRIDGE_DATA.dgn
REVISED DATE: **REVIDATE**

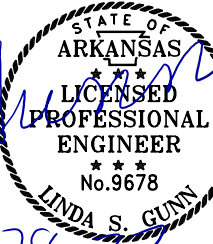
LEGEND



POLYMER OVERLAY

BRIDGE DATA

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	2	55
BRIDGE DATA						



1	HWY. 71, SEC. 8 LOG MILE 9.882 BR. END OVER KANSAS CITY SOUTHERN RR 109' - 1" BRIDGE NO. 06766 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	8	HWY. 255, SEC. 4 LOG MILE 3.029 BR. END OVER MILL CREEK 105' - 0" BRIDGE NO. 05662 44' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	15	HWY. 7, SEC. 13 LOG MILE 3.424 BR. END OVER PETIT JEAN RIVER 382' - 3 5/8" BRIDGE NO. 06487 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	22	HWY. 25, SEC. 0 LOG MILE 0.158 BR. END OVER I-40 300' - 2" BRIDGE NO. 07055 52' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	29	HWY. 270, SEC. 4 LOG MILE 2.682 BR. END OVER ROGERS CREEK 75' - 3/4" BRIDGE NO. 06183 44' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
2	HWY. 71, SEC. 10 LOG MILE 23.207 BR. END OVER POTEAU RIVER 281' - 1/8" BRIDGE NO. 05290 43' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	9	HWY. 255, SEC. 5 LOG MILE 1.558 BR. END OVER SEWER OUTLET 105' - 0" BRIDGE NO. 05360 43' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	16	HWY. 7, SEC. 13 LOG MILE 6.293 BR. END OVER POND CREEK 90' - 0" BRIDGE NO. 06595 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	23	HWY. 65, SEC. 9 LOG MILE 2.084 BR. END OVER BATESVILLE CREEK 358' - 2" BRIDGE NO. 06745 70' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	30	HWY. 270, SEC. 4 LOG MILE 5.967 BR. END OVER SHADY CREEK 143' - 0 13/16" BRIDGE NO. 06184 44' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
3	HWY. 71, SEC. 13 LOG MILE 8.823 BR. END OVER VINEYARD CREEK 107' - 1 5/8" BRIDGE NO. B5192 38' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	10	HWY. 64, SEC. 2 LOG MILE 7.323 BR. END OVER FROG BAYOU 497' - 3" BRIDGE NO. B2280 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	17	HWY. 7, SEC. 14 LOG MILE 1.447 BR. END OVER WHIG CREEK 109' - 5 3/8" BRIDGE NO. A2680 68' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	24	HWY. 65, SEC. 9 LOG MILE 4.900 BR. END OVER NORTH CADRON CREEK 517' - 2" BRIDGE NO. 06628 70' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	31	HWY. 270, SEC. 4 LOG MILE 7.057 BR. END OVER TWIN CREEK 142' - 2 3/4" BRIDGE NO. 06185 44' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
4	HWY. 71, SEC. 13 LOG MILE 9.795 BR. END OVER ADAMSON CREEK 107' - 3 1/4" BRIDGE NO. B5193 38' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	11	HWY. 62, SEC. 1 LOG MILE 17.138 BR. END OVER ILLINOIS RIVER 384' - 4 2/7" BRIDGE NO. 06732 70' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	18	HWY. 124, SEC. 1 LOG MILE 0.845 BR. END OVER I-40 221' - 3 5/8" BRIDGE NO. 07014 76' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	25	HWY. 64, SEC. 9 LOG MILE 1.364 BR. END OVER LITTLE CREEK 92' - 1" BRIDGE NO. 06300 58' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	32	HWY. 270, SEC. 4 LOG MILE 10.241 BR. END OVER GAP CREEK 66' - 0" BRIDGE NO. 02833 26' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
5	HWY. 71, SEC. 14 LOG MILE 0.254 BR. END OVER HESTER CREEK 182' - 3 1/4" BRIDGE NO. B5194 38' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	12	HWY. 109, SEC. 3 LOG MILE 7.785 BR. END OVER ARKANSAS RIVER 8537' - 1" BRIDGE NO. 05600 30' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	19	HWY. 9, SEC. 7 LOG MILE 5.230 BR. END OVER ARKANSAS RIVER 1893' - 4 2/3" BRIDGE NO. 05050 28' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	26	HWY. 64, SEC. 9 LOG MILE 2.306 BR. END OVER GOLD CREEK 117' - 1" BRIDGE NO. 06301 58' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	33	HWY. 10, SEC. 4 LOG MILE 15.132 BR. END OVER COKER CREEK 91' - 2/7" BRIDGE NO. 06676 32' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
6	HWY. 71, SEC. 14 LOG MILE 4.451 BR. END OVER PRAIRIE CREEK 107' - 4 7/8" BRIDGE NO. 06206 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	13	HWY. 7, SEC. 13 LOG MILE 0.966 BR. END OVER KEELAND SLOUGH 150' - 0" BRIDGE NO. 05378 39' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	20	HWY. 95, SEC. 1 LOG MILE 7.854 BR. END OVER POINT REMOVE CREEK 242' - 6 1/2" BRIDGE NO. 05586 39' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	27	HWY. 89, SEC. 4 LOG MILE 10.040 BR. END OVER LAKE CONWAY 180' - 0" BRIDGE NO. 05143 24' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	34	HWY. 10, SEC. 4 LOG MILE 16.328 BR. END OVER MASON CREEK 90' - 9 3/16" BRIDGE NO. 06677 32' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
7	HWY. 22, SEC. 1 LOG MILE 13.088 BR. END OVER BIG VACHE GRASSE CREEK 352' - 1 1/2" BRIDGE NO. 07154 75' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	14	HWY. 7, SEC. 13 LOG MILE 1.177 BR. END OVER KEELAND LAKE 150' - 0" BRIDGE NO. 05379 39' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	21	HWY. 64, SEC. 7 LOG MILE 22.403 BR. END OVER CADRON CREEK 347' - 4 5/8" BRIDGE NO. 06631 32' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	28	HWY. 270, SEC. 4 LOG MILE 2.322 BR. END OVER WILLIAMS CREEK 176' - 1/8" BRIDGE NO. 06182 44' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	35	HWY. 7, SEC. 13 LOG MILE 15.503 BR. END OVER ARKANSAS RIVER 2076' - 0" BRIDGE NO. 05064 56' - 0" CLEAR ROADWAY (POLYMER OVERLAY)

BRIDGE DATA

T:\civil\kaymac - 4/28/2022 11:50:00 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001-06597-02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.04.BRIDGE_DATA.dgn
REVISED DATE: **REVIDATE**

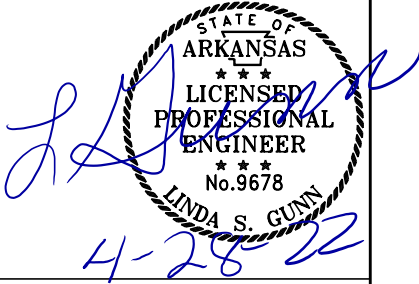
LEGEND



POLYMER OVERLAY

BRIDGE DATA

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	3	55
BRIDGE DATA						

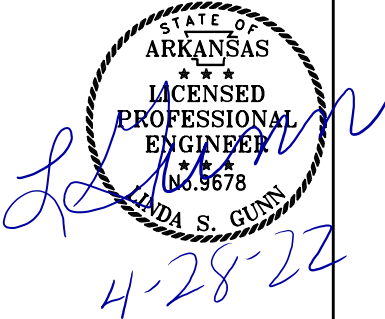


36	HWY. 412, SEC. 1 LOG MILE 6.518 BR. END OVER BUTLER CREEK 167' - 3 1/8" BRIDGE NO. A6475 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	43	HWY. 412, SEC. 1 LOG MILE 11.589 BR. END OVER ILLINOIS RIVER 1343' - 6 7/16" BRIDGE NO. B6478 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	50	HWY. 65, SEC. 2 LOG MILE 4.163 BR. END OVER DRY BRANCH 102' - 5 1/8" BRIDGE NO. 06585 58' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	57	HWY. 65, SEC. 6 LOG MILE 6.174 BR. END OVER COVE CREEK 181' - 0" BRIDGE NO. 07202 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	64	HWY. 23, SEC. 8 LOG MILE 20.195 BR. END OVER HENDERSON CREEK 231' - 3 3/16" BRIDGE NO. 06409 36' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
37	HWY. 412, SEC. 1 LOG MILE 7.154 BR. END OVER BUTLER CREEK 167' - 3 1/8" BRIDGE NO. B6475 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	44	HWY. 412, SEC. 5 LOG MILE 3.475 BR. END OVER SITES BRANCH 105' - 0" BRIDGE NO. 06576 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	51	HWY. 65, SEC. 2 LOG MILE 4.641 BR. END OVER HUZZAH CREEK 117' - 5 5/8" BRIDGE NO. 06584 58' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	58	HWY. 16, SEC. 4 LOG MILE 10.529 BR. END OVER MILL CREEK 165' - 0" BRIDGE NO. 05933 32' - 0" CLEAR ROADWAY (POLYMER OVERLAY)		
38	HWY. 412, SEC. 1 LOG MILE 5.494 BR. END OVER ILLINOIS RIVER 1378' - 6 1/4" BRIDGE NO. A6476 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	45	HWY. 412, SEC. 5 LOG MILE 3.810 BR. END OVER DRY FORK 177' - 1 5/8" BRIDGE NO. 06577 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	52	HWY. 62, SEC. 9 LOG MILE 9.969 BR. END OVER FALLEN ASH CREEK 274' - 2 1/2" BRIDGE NO. 06058 44' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	59	HWY. 23, SEC. 8 LOG MILE 3.369 BR. END OVER FLEMING CREEK 242' - 2 1/4" BRIDGE NO. 06512 36' - 0" CLEAR ROADWAY (POLYMER OVERLAY)		
39	HWY. 412, SEC. 1 LOG MILE 8.175 BR. END OVER ILLINOIS RIVER 1378' - 6 1/4" BRIDGE NO. B6476 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	46	HWY. 412, SEC. 5 LOG MILE 4.348 BR. END OVER DRY FORK 105' - 0" BRIDGE NO. 06578 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	53	HWY. 62, SEC. 9 LOG MILE 10.355 BR. END OVER WHITE RIVER 1382' - 2 3/16" BRIDGE NO. 06059 44' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	60	HWY. 23, SEC. 8 LOG MILE 4.144 BR. END OVER WHITE RIVER 327' - 11 3/8" BRIDGE NO. 06370 36' - 0" CLEAR ROADWAY (POLYMER OVERLAY)		
40	HWY. 412, SEC. 1 LOG MILE 4.055 BR. END OVER PEDRO CREEK 237' - 6" BRIDGE NO. A6477 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	47	HWY. 62, SEC. 6 LOG MILE 0.915 BR. END OVER LONG CREEK 337' - 13/8" BRIDGE NO. 06398 68' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	54	HWY. 5, SEC. 18 LOG MILE 18.159 BR. END OVER US 62/412 186' - 1 5/8" BRIDGE NO. 05930 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	61	HWY. 23, SEC. 8 LOG MILE 12.892 BR. END OVER WAR EAGLE CREEK 190' - 2 5/8" BRIDGE NO. 06798 36' - 0" CLEAR ROADWAY (POLYMER OVERLAY)		
41	HWY. 412, SEC. 1 LOG MILE 9.612 BR. END OVER PEDRO CREEK 237' - 6" BRIDGE NO. B6477 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	48	HWY. 62, SEC. 6X LOG MILE 0.495 BR. END OVER US 65 272' - 9 5/8" BRIDGE NO. 06683 25' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	55	HWY. 62, SEC. 11 LOG MILE 8.517 BR. END OVER NORFOLK LAKE 3460' - 0" BRIDGE NO. 05770 44' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	62	HWY. 23, SEC. 8 LOG MILE 15.781 BR. END OVER KECKS CREEK 149' - 7 3/16" BRIDGE NO. 06407 36' - 0" CLEAR ROADWAY (POLYMER OVERLAY)		
42	HWY. 412, SEC. 1 LOG MILE 2.103 BR. END OVER ILLINOIS RIVER 1343' - 6 7/16" BRIDGE NO. A6478 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	49	HWY. 65, SEC. 2 LOG MILE 3.601 BR. END OVER BRUSH CREEK 117' - 5 5/8" BRIDGE NO. 06586 52' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	56	HWY. 101, SEC. 1 LOG MILE 9.045 BR. END OVER NORFOLK LAKE 2880' - 0" BRIDGE NO. 05769 32' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	63	HWY. 23, SEC. 8 LOG MILE 17.548 BR. END OVER SEALS CREEK 116' - 1" BRIDGE NO. 06408 36' - 0" CLEAR ROADWAY (POLYMER OVERLAY)		

BRIDGE DATA

T:\civil\kaypac - 4/28/2022 11:50:11 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001-186597-02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.02_IND_001.dgn
REVISED DATE: **REVIDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	4	55
INDEX OF SHEETS AND STANDARD DRAWINGS						



INDEX OF SHEETS

SHEET NO.	TITLE	BRIDGE NO.	DRWG.NO.
1	TITLE SHEET		
2 - 3	BRIDGE DATA		
4	INDEX OF SHEETS AND STANDARD DRAWINGS		
5	GOVERNING SPECIFICATIONS AND GENERAL NOTES		
6 - 28	TYPICAL SECTIONS OF IMPROVEMENT		
29 - 32	SPECIAL DETAILS		
33 - 43	MAINTENANCE OF TRAFFIC DETAILS		
44 - 46	PERMANENT PAVEMENT MARKING DETAILS		
47 - 50	QUANTITIES		
51	SCHEDULE OF BRIDGE QUANTITIES – DISTRICTS 4, 8, & 9	ALL BRIDGES	65179
52	SUMMARY OF QUANTITIES AND REVISIONS		
53	BRIDGE PRESERVATION DATA TABLE – DISTRICT 4	DISTRICT 4 BRIDGES	65180
54	BRIDGE PRESERVATION DATA TABLE – DISTRICT 8	DISTRICT 8 BRIDGES	65181
55	BRIDGE PRESERVATION DATA TABLE – DISTRICT 9	DISTRICT 9 BRIDGES	65182

BRIDGE STANDARD DRAWINGS

DRWG.NO.	TITLE	DATE
55064	STANDARD DETAILS FOR JOINT REPAIRS & MODIFICATION	11-07-19
55065	STANDARD DETAILS FOR BACKWALL REPAIRS	11-07-19

ROADWAY STANDARD DRAWINGS

DRWG.NO.	TITLE	DATE
PM-1	PAVEMENT MARKING DETAILS	02-27-20
TC-1	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	11-07-19
TC-2	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	05-20-21
TC-3	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	08-12-21
TC-4	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION-TEMPORARY PRECAST BARRIER	11-07-19
TC-5	STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION-TEMPORARY PRECAST BARRIER	11-07-19

T:\civil\kaypac - 4/28/2022 11:50:02 AM
WORKSPACE\AR001 - AR001 - 4/28/2022 11:50:02 AM
Y:\Projects\AR001 - 4/28/2022 11:50:02 AM
REVISED DATE: \$*REVIDATE\$*

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	5	55
GOVERNING SPECIFICATIONS & GENERAL NOTES						

GENERAL NOTES

- 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.
- ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL BE RESPONSIBLE FOR PROVIDING A FENCE TO CONTROL AND CONTAINED LIVESTOCK IF FENCING OF PASTURES IS SEVERED.
- ALL TREES THAT DO NOT DIRECTLY INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE SPARED IF AND WHERE DIRECTED BY THE ENGINEER. CARE AND DISCRETION SHALL BE USED TO ENSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
- PREPARATORY WORK, SUCH AS CLIPPING THE GRASS AND DEBRIS FROM THE EDGE OF THE EXISTING ROADWAY, WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED A PART OF THE OTHER ITEMS OF WORK. AFTER THE ROADWAY IS COMPLETED, THIS MATERIAL SHALL BE PULLED UP TO THE EDGE OF THE NEW PAVEMENT AT LOCATIONS WHERE THE DROP OFF IS GREATER THAN 4" RESULTING FROM THE TRANSITION ROADWAY IMPROVEMENTS. NO DIRECT PAYMENT WILL BE MADE FOR THIS WORK.
- ASPHALT DEBRIS RESULTING FROM THE PREPARAORY WORK SHALL BE REMOVED FROM THE PROJECT. THIS MATERIAL SHALL NOT BE BURIED OR STOCKPILED WITHIN THE RIGHT OF WAY.
- ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 210 - UNCLASSIFIED EXCAVATION.
- THE ENGINEER MAY REQUIRE THE CONTRACTOR TO MODIFY THEIR SCHEDULE, DURING WORK, WHEN SPECIAL EVENTS OR OCCURRENCES MAY CAUSE TRAFFIC TO BECOME CONGESTED.
- THE EXISTING ASPHALT PAVEMENT TO BE REMOVED FROM THE REMAINING PAVEMENT SHALL BE SEPARATED BY SAWING ALONG A NEAT LINE. AFTER SAWING, THE PAVEMENT TO BE REMOVED SHALL BE CAREFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE PAVEMENT THAT IS TO REMAIN. ANY DAMAGE OF THE ASPHALT PAVEMENT THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- COLD MILLED MATERIAL IN THIS PROJECT IS TO REMAIN THE PROPERTY OF THE COUNTIES IN DISTRICTS 8 AND 9. THE CONTRACTOR SHALL HAUL THE MATERIAL TO A NEARBY STOCKPILE IFAND WHERE DIRECTED BY THE ENGINEER. NO MATERIAL SHALL BE STOCKPILED OR BURIED ON SITE. REMOVAL OF COLD MILLING MATERIAL SHALL BE INCLUDED IN THE PRICE BID FOR THE ITEM "COLD MILLING OF ASPHALT PAVEMENT". ALSO, REFER TO QUANTITY BOX NOTES FOR "COLD MILLING OF ASPHALT PAVEMENT".
- ROADWAY COLD MILLED TRANSITION SHALL BE OVERLAID WITHIN 7 CALENDAR DAYS. IF AN AREA OF THE PROJECT HAS BEEN COLD MILLED AND IS NOT OVERLAID ON OR BEFORE THE 7TH DAY, NO ADDITIONAL COLD MILLING SHALL TAKE PLACE UNTIL THE MILLED AREA IS OVERLAID.
- 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.
- 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 IF AND WHERE DIRECTED BY THE ENGINEER.
- BRIDGE PRESERVATION PROJECTS AND PAVEMENT PRESERVATION PROJECTS ARE ONGOING SIMULTANEOUSLY IN ALL DISTRICTS IN ARKANSAS. THE CONTRACTOR SHALL COORDINATE THE WORK SCHEDULE AND PRIORITIZE BRIDGE REHABILITATION IF AND WHERE DIRECTED BY THE ENGINEER IN THE DISTRICT IN ORDER FOR THE BRIDGE REHABILITATION TO BE COMPLETED BEFORE THE ASSOCIATED PAVEMENT PRESERVATION PROJECT BEGINS WORK. THERE SHALL BE NO DIRECT PAYMENT FOR FULFILLING THIS REQUIREMENT, BUT PAYMENT WILL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.

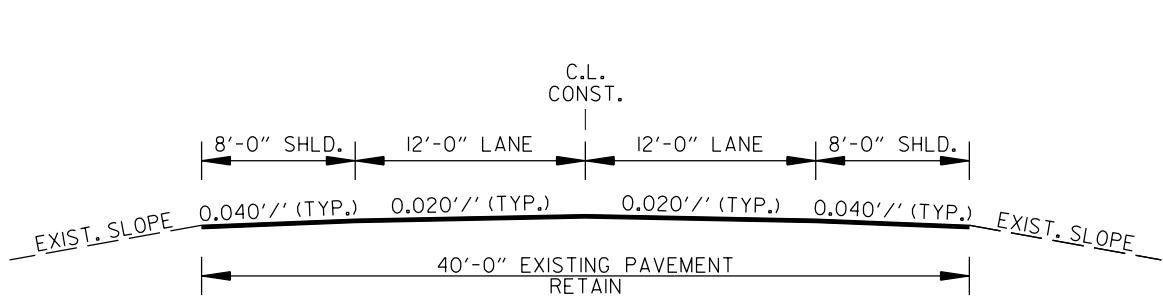
GOVERNING SPECIFICATIONS

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 - TRAINING PROGRAM - JOB 012408
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
105-4	MAINTENANCE DURING CONSTRUCTION
107-2	RESTRAINING CONDITIONS
108-1	LIQUIDATED DAMAGES
108-2	WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER
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
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
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)
800-1	STRUCTURES
804-2	REINFORCING STEEL FOR STRUCTURES
JOB 012408	ASSESSMENT OF WORKING DAYS – MAINTENANCE OF TRAFFIC
JOB 012408	BIDDING REQUIREMENTS AND CONDITIONS
JOB 012408	BRIDGE DECK REPAIR FOR POLYMER OVERLAYS
JOB 012408	BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
JOB 012408	CARGO PREFERENCE ACT REQUIREMENTS
JOB 012408	COLD MILLING - COUNTY PROPERTY
JOB 012408	COORDINATION OF WORK
JOB 012408	DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILITIES
JOB 012408	GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
JOB 012408	INSURANCE, CONSTRUCTION, AND FLAGGING REQUIREMENTS ON RAILROAD PROPERTY (DRRR)
JOB 012408	INSURANCE, CONSTRUCTION, AND FLAGGING REQUIREMENTS ON RAILROAD PROPERTY (KCS)
JOB 012408	JOINT REHABILITATION FOR BRIDGE DECKS
JOB 012408	LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
JOB 012408	LONGITUDINAL JOINT DENSITIES FOR ACHM SURFACE COURSES
JOB 012408	MAINTENANCE OF TRAFFIC
JOB 012408	MANDATORY ELECTRONIC CONTRACT
JOB 012408	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB 012408	NESTING SITES OF MIGRATORY BIRDS
JOB 012408	PARTNERING REQUIREMENTS
JOB 012408	POLYMER OVERLAY
JOB 012408	PORTABLE TRAFFIC SIGNAL SYSTEM
JOB 012408	PRICE ADJUSTMENT FOR ASPHALT BINDER
JOB 012408	PROHIBITION OF CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICE OR EQUIPMENT
JOB 012408	REMOVAL AND DISPOSAL OF PLOWABLE PAVEMENT MARKER
JOB 012408	SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB 012408	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
JOB 012408	VALUE ENGINEERING
JOB 012408	WARM MIX ASPHALT

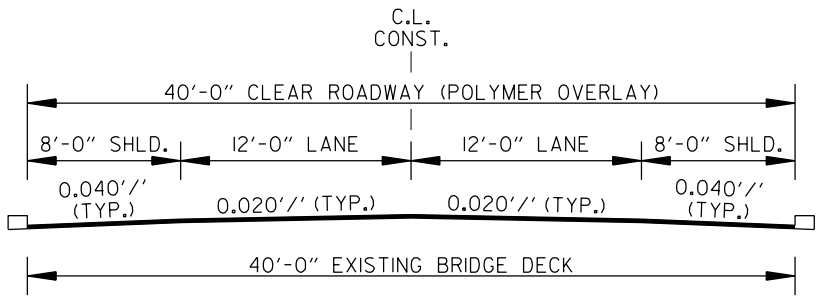


DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	6	55
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY
(SHOWN FOR MOT)

40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

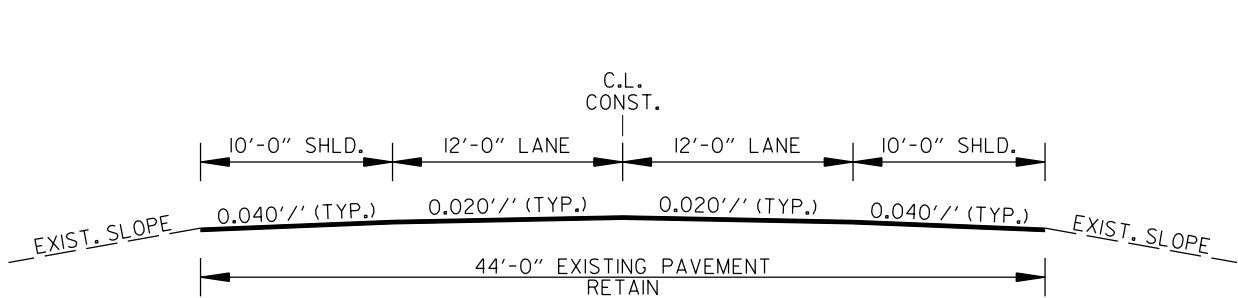


2 LANE BRIDGE
KANSAS CITY SOUTHERN RAILROAD OVERPASS

① - BR NO. 06766 - HWY. 71

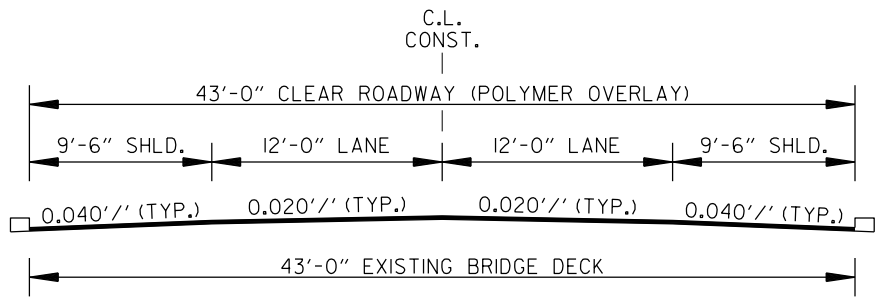
NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



2 LANE ROADWAY
(SHOWN FOR MOT)

43 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

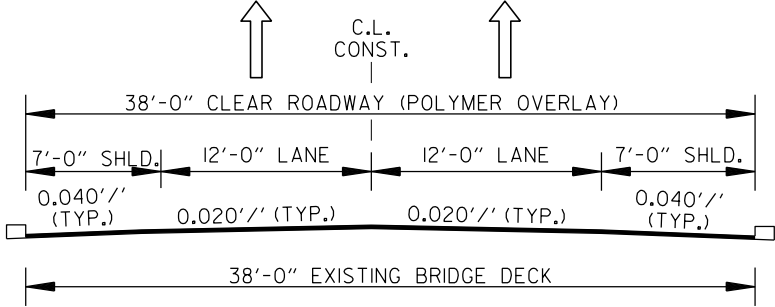
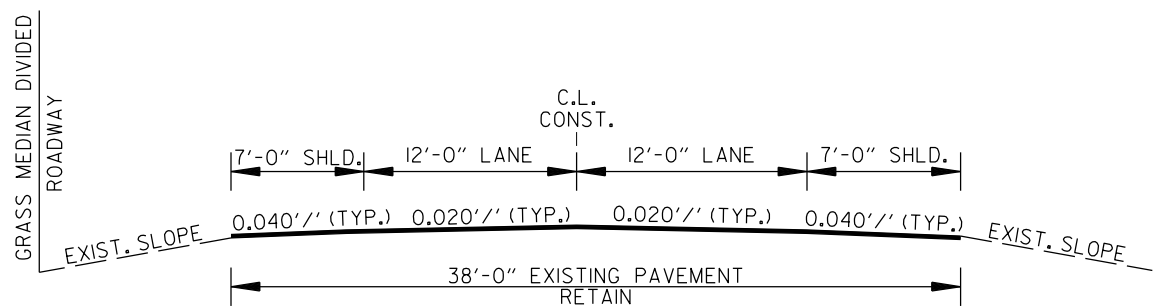


2 LANE BRIDGE - OVER POTEAU RIVER

② - BR NO. 05290 - HWY. 71

TYPICAL SECTIONS OF IMPROVEMENT

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	7	55
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY
(SHOWN FOR MOT)

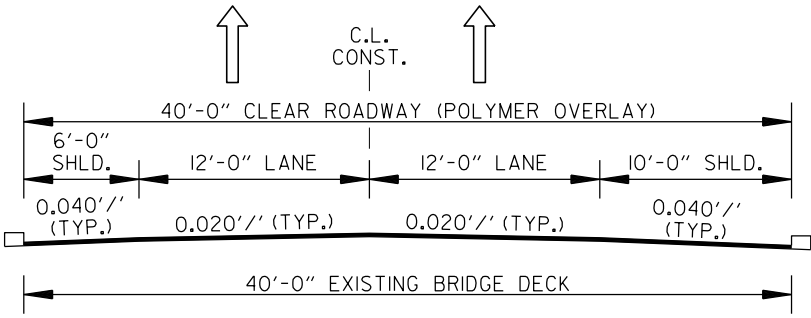
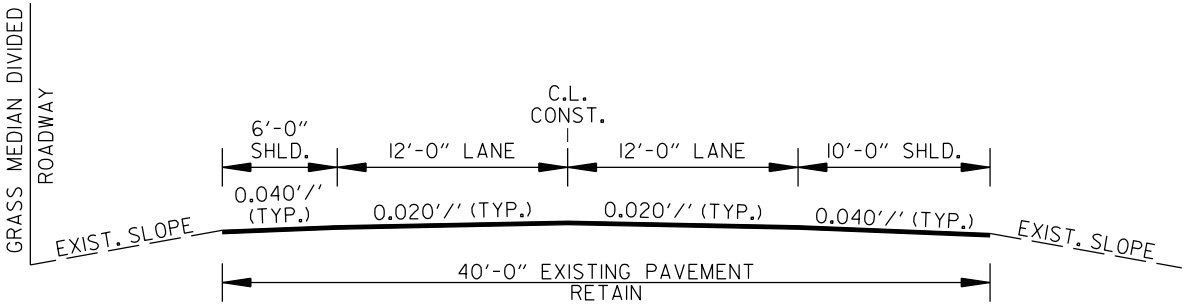
2 LANE BRIDGE
(NORTHBOUND)

38 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

- ③ - BR NO. B5I92 - HWY. 7I
- ④ - BR NO. B5I93 - HWY. 7I
- ⑤ - BR NO. B5I94 - HWY. 7I

NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



2 LANE ROADWAY
(SHOWN FOR MOT)

2 LANE BRIDGE
(NORTHBOUND)

40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

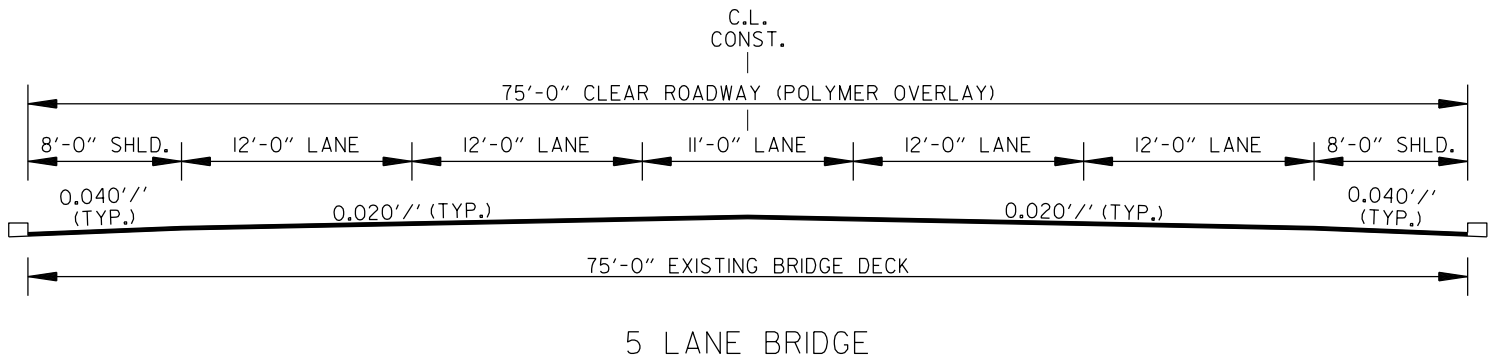
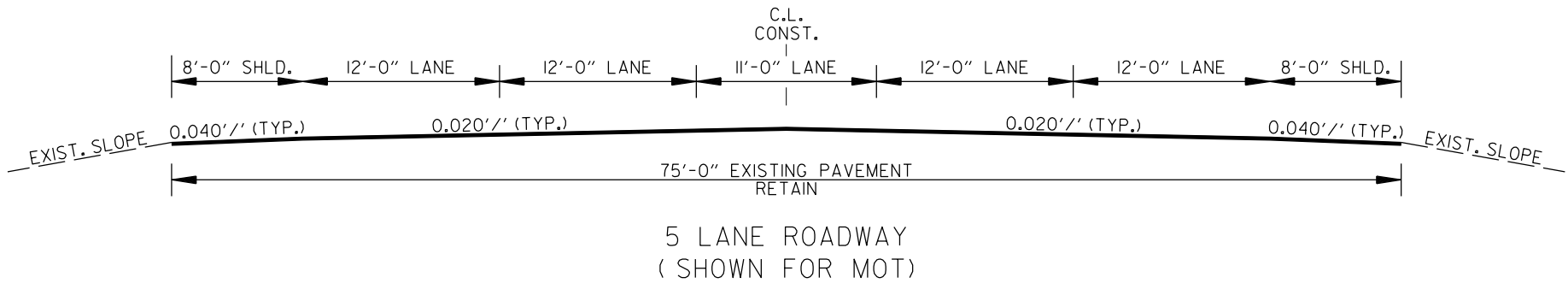
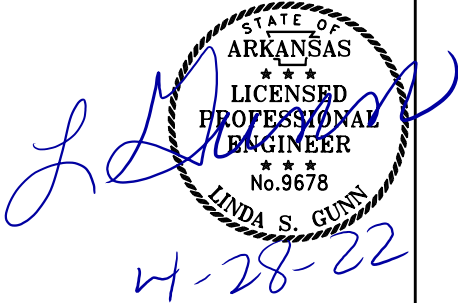
- ⑥ - BR NO. 06206 - HWY. 7I

STATE OF
ARKANSAS

LICENSED
PROFESSIONAL
ENGINEER

No. 9678
LINDA S. GUNN
4-28-22

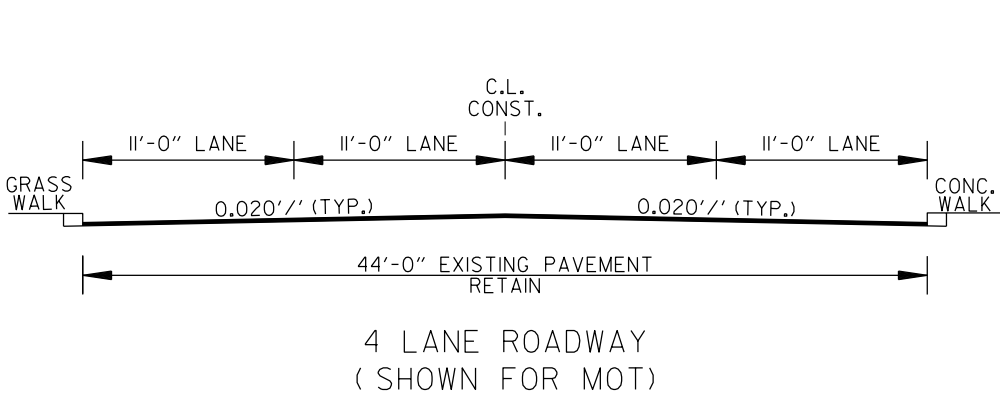
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	8	55
TYPICAL SECTIONS OF IMPROVEMENT						



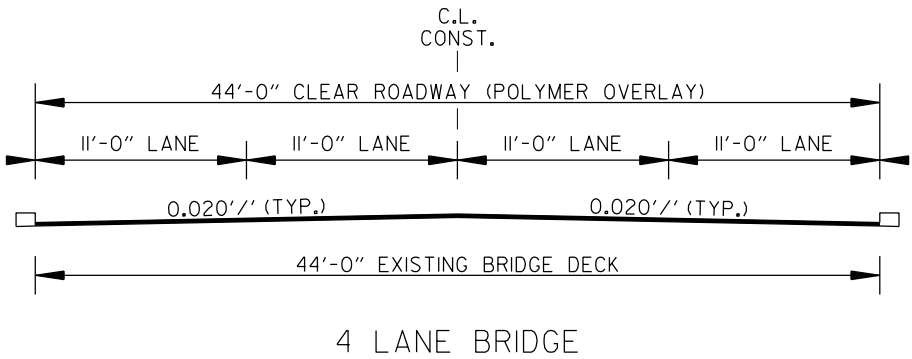
75 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

⑦ - BR NO. 07154 - HWY. 22

NOTE:
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

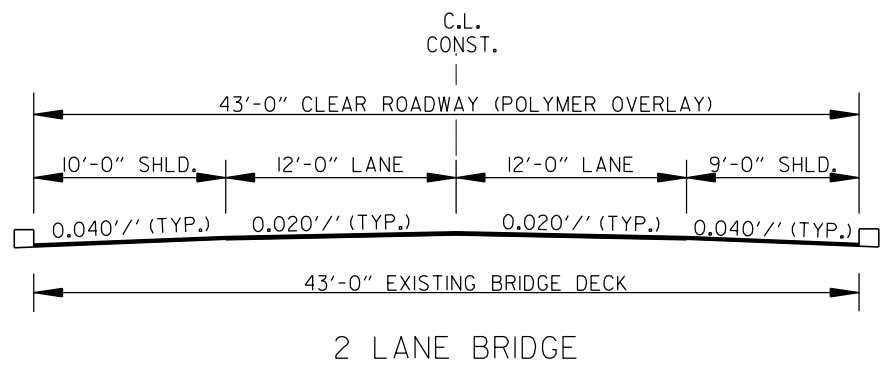
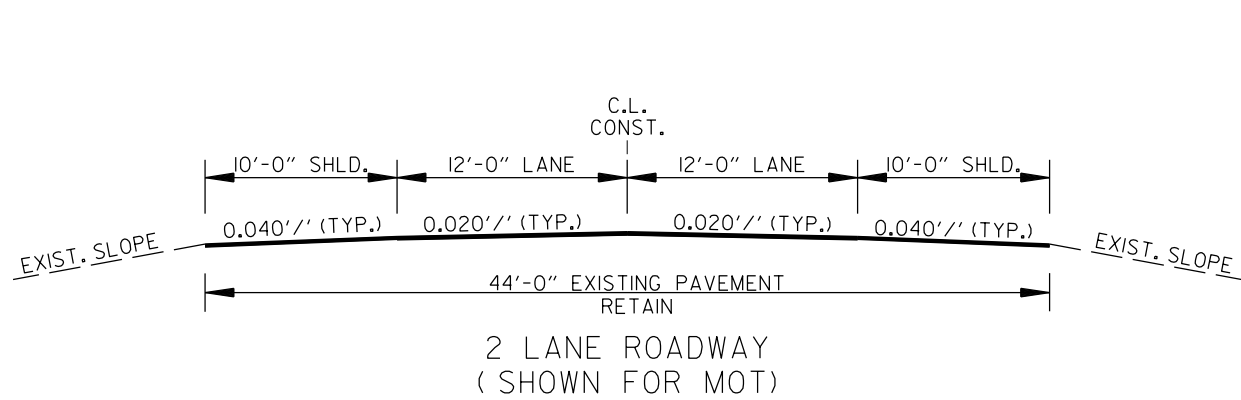
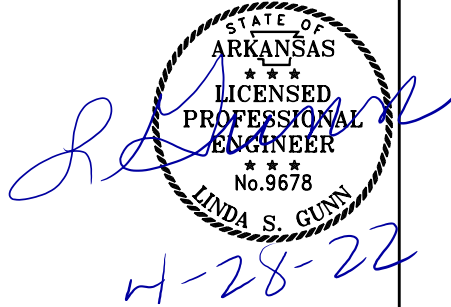


44 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY



⑧ - BR NO. 05662 - HWY. 255

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	9	55
TYPICAL SECTIONS OF IMPROVEMENT						

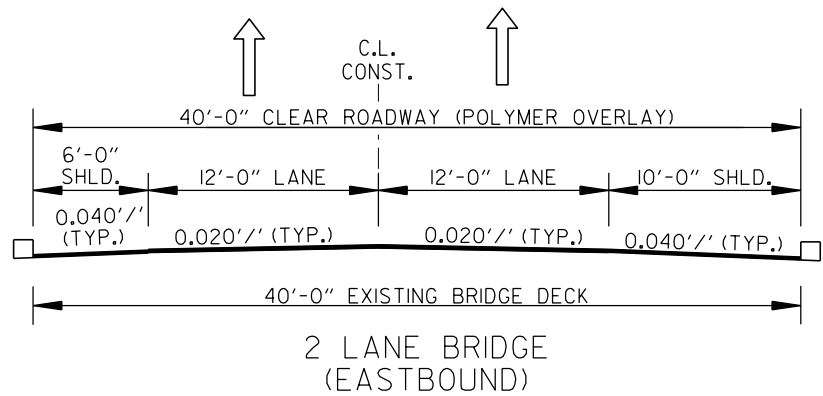
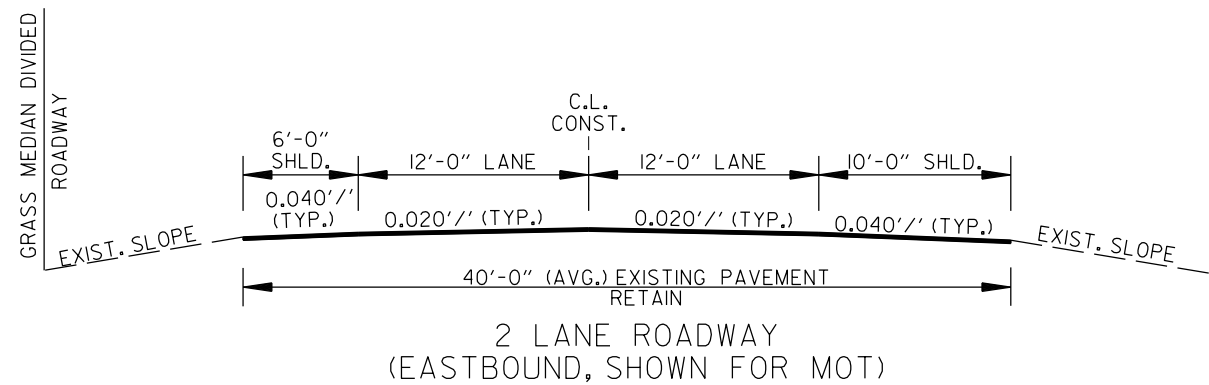


43 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

⑨ - BR. NO. 05360 - HWY. 255

NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

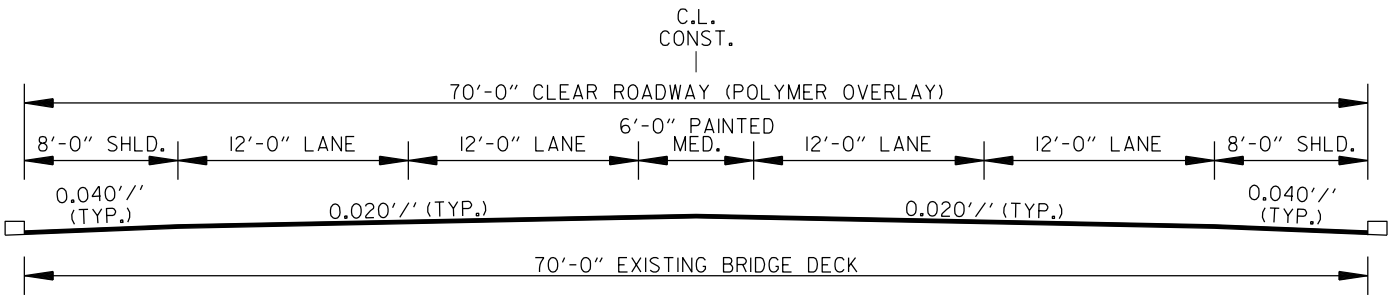
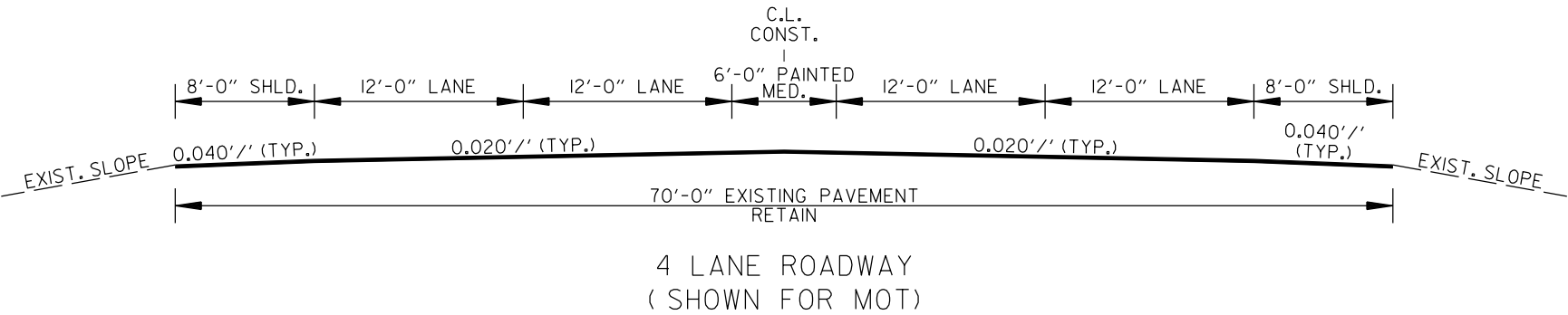
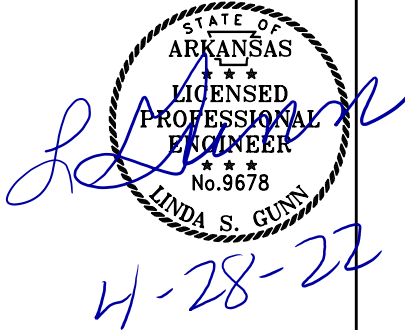


40 FT. CLEAR ROADWAY BRIDGES - POLYMER OVERLAY

⑩ - BR. NO. B2280 - HWY. 64

TYPICAL SECTIONS OF IMPROVEMENT

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	10	55
TYPICAL SECTIONS OF IMPROVEMENT						

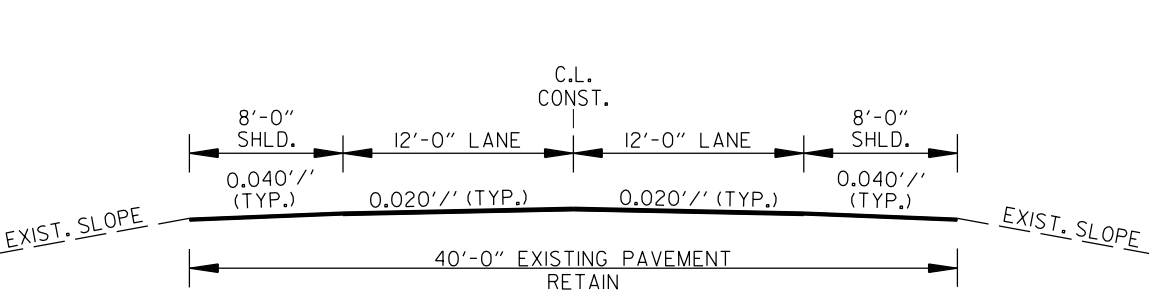


4 LANE BRIDGE - OVER ILLINOIS RIVER

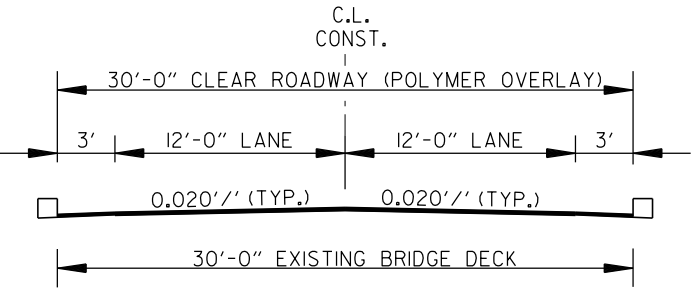
70 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

11 - BR NO. 06732 - HWY. 62

NOTE:
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



2 LANE ROADWAY
(SHOWN FOR MOT)



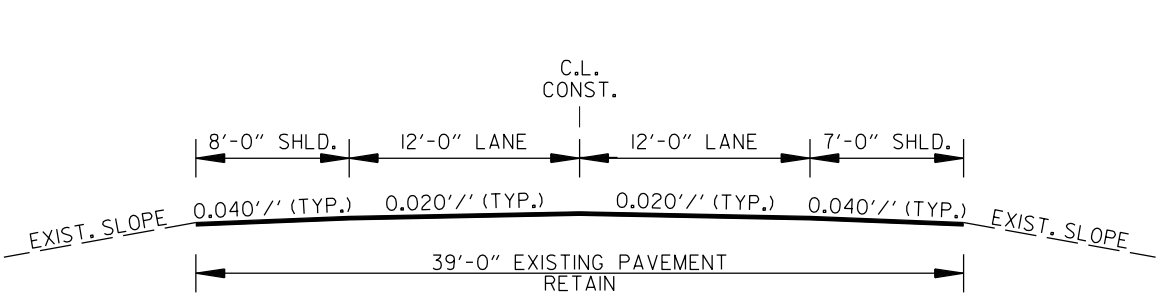
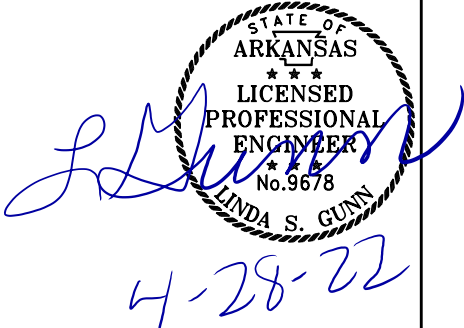
2 LANE BRIDGE - OVER ARKANSAS RIVER

30 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

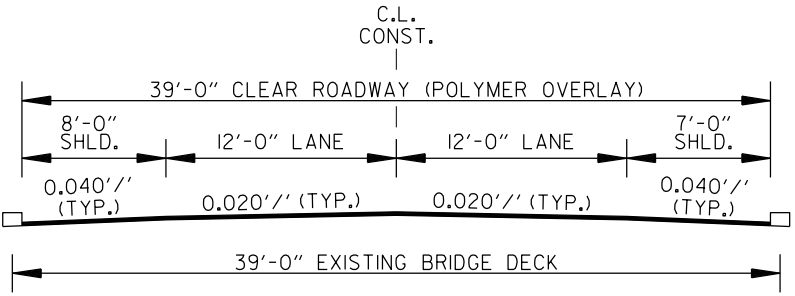
12 - BR. NO. 05600 - HWY. 109

T:\GIS\Kymec\4/28/2022 11:05:05 AM
WORKSPACE: ARDOT
Y:\Projects\186597\012408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\012408.04.TS.001.dgn
REVISED DATE: \$*REVIDATE\$*

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	II	55
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY
(SHOWN FOR MOT)



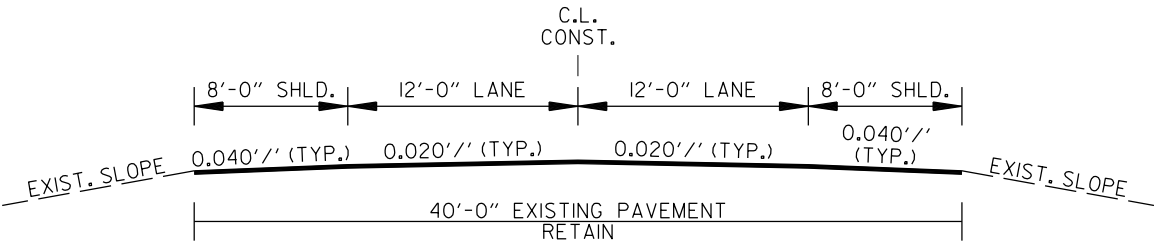
2 LANE BRIDGE

39 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

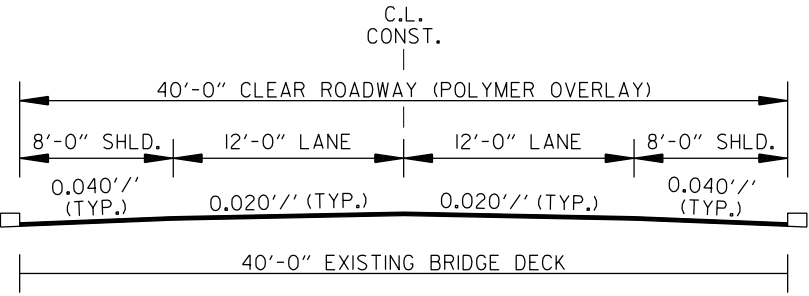
- (13) - BR NO. 05378 - HWY. 7
(14) - BR NO. 05379 - HWY. 7

NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



2 LANE ROADWAY
(SHOWN FOR MOT)

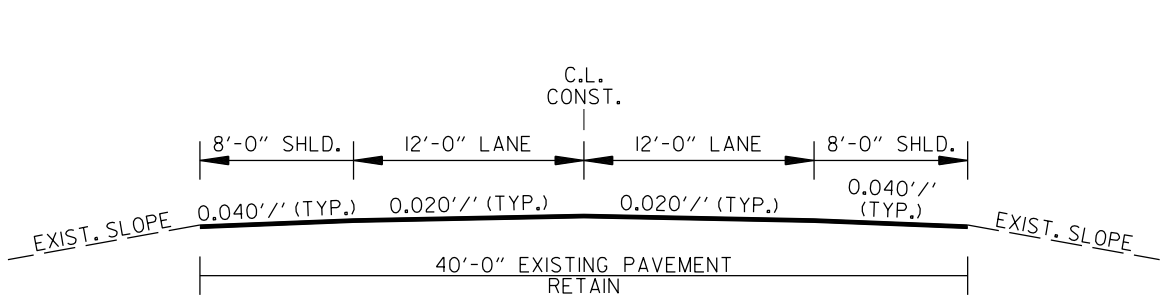
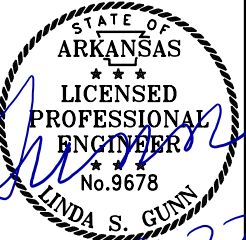


2 LANE BRIDGE - OVER PETIT JEAN RIVER

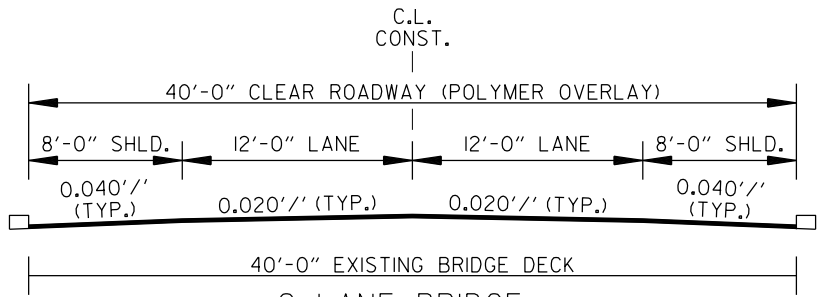
40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

- (15) - BR NO. 06487 - HWY. 7

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	12	55
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY
(SHOWN FOR MOT)



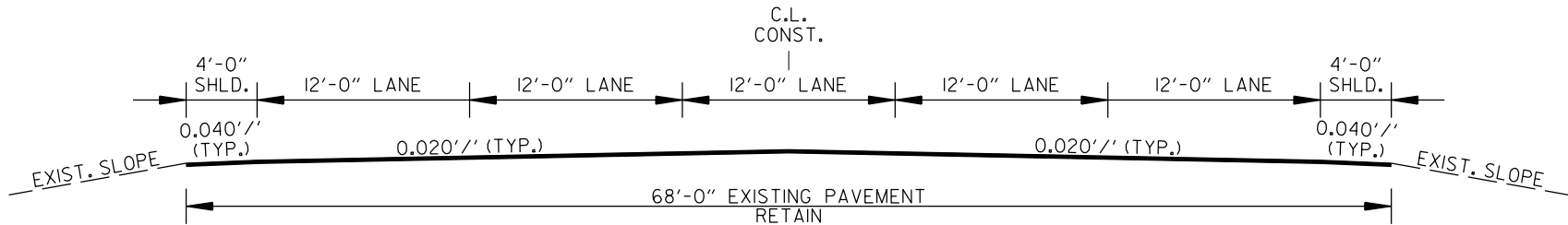
2 LANE BRIDGE

40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

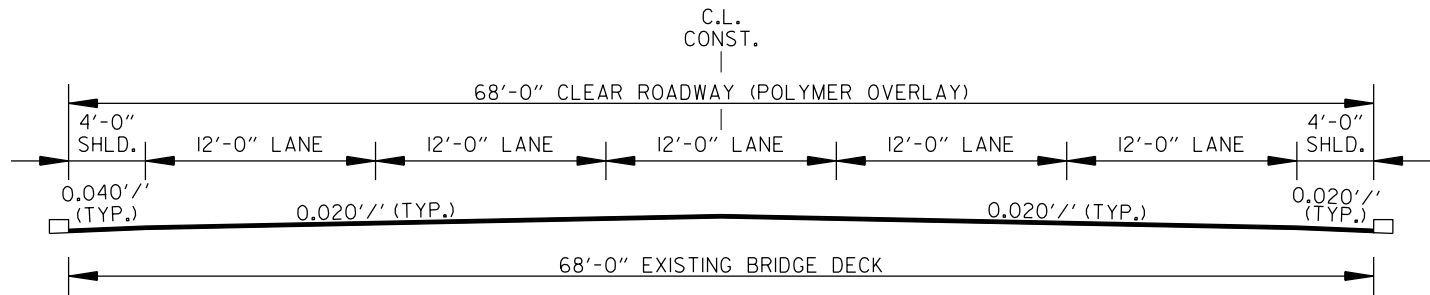
⑩ - BR NO. 06595 - HWY. 7

NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



5 LANE ROADWAY
(SHOWN FOR MOT)

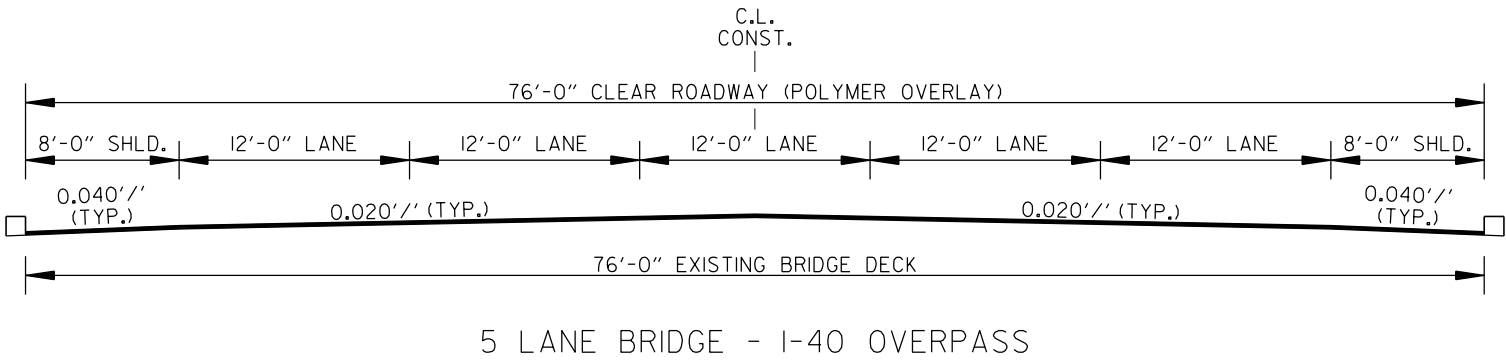
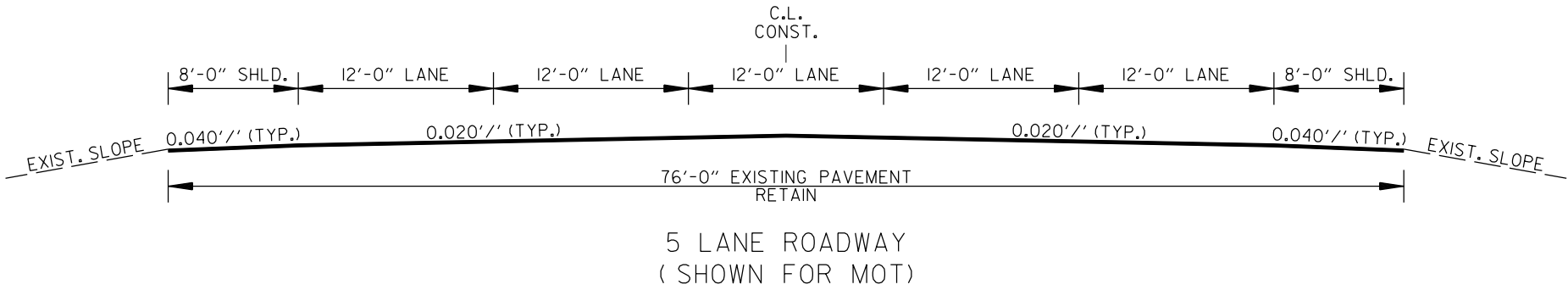
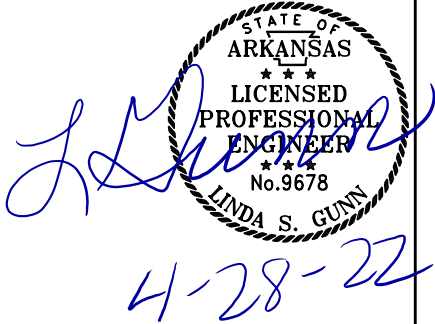


5 LANE BRIDGE

68 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

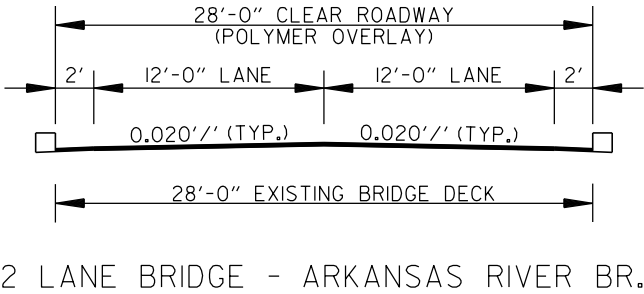
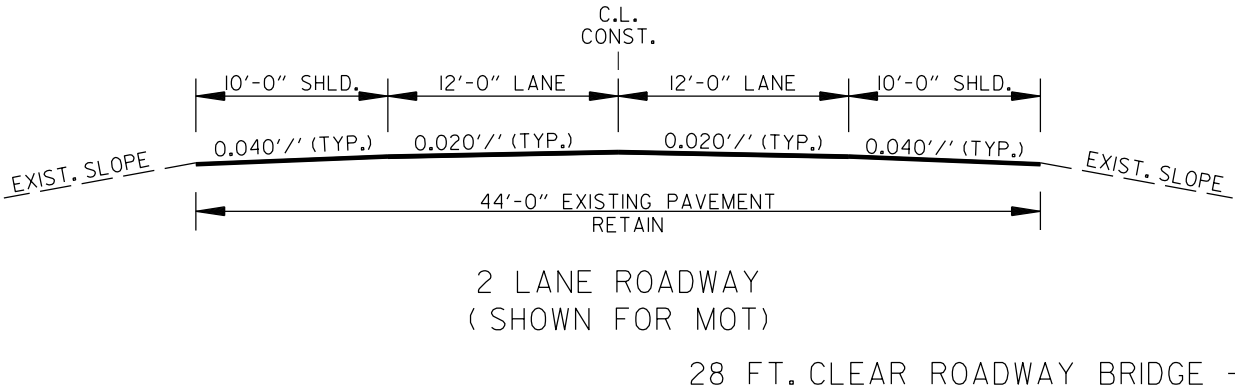
⑪ - BR NO. A2680 - HWY. 7

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	13	55
TYPICAL SECTIONS OF IMPROVEMENT						



(18) - BR NO. 07014 - HWY. 124

NOTE:
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

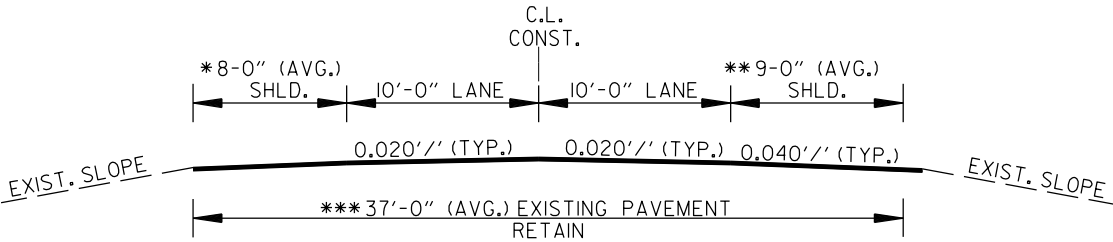


(19) - BR. NO. 05050 - HWY. 9

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	14	55
TYPICAL SECTIONS OF IMPROVEMENT						

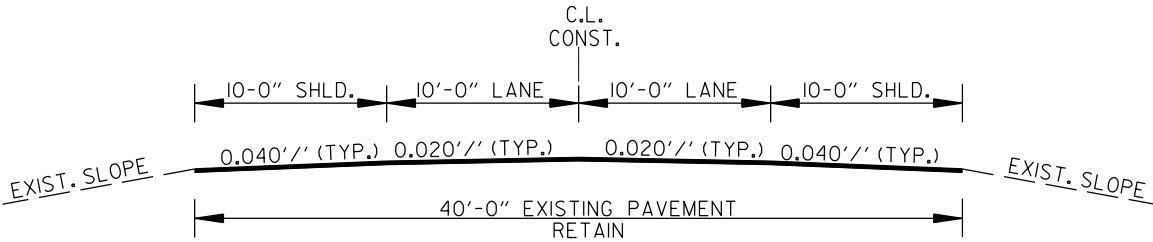
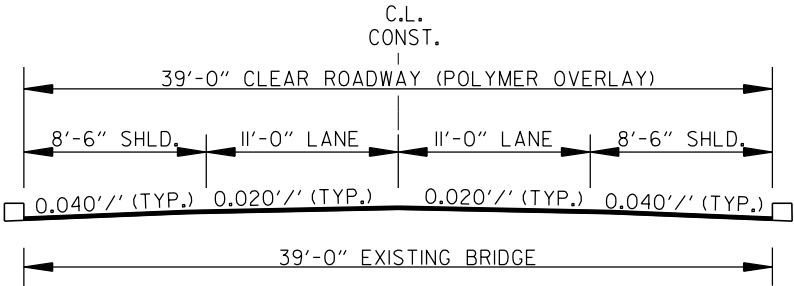


4-28-22



2 LANE ROADWAY - NORTH
(SHOWN FOR MOT)

- * LT. SHLD. TRANSITIONS FROM 10'-0" TO 6'-0"
- ** RT. SHLD. TRANSITIONS FROM 10'-0" TO 8'-0"
- *** ROADWAY WIDTH TRANSITIONS FROM 24'-0" TO 62'-0"



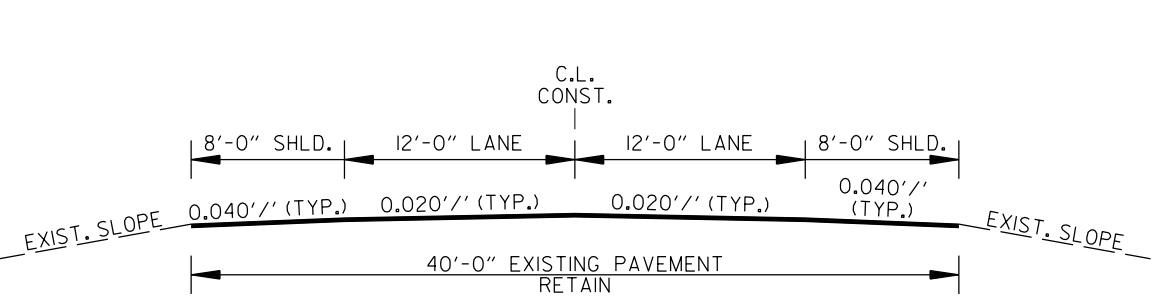
2 LANE ROADWAY - SOUTH
(SHOWN FOR MOT)

39 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

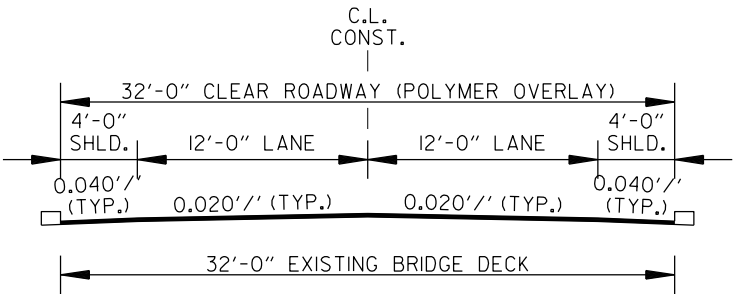
(20) - BR. NO. 05586 - HWY. 95

NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



2 LANE ROADWAY
(SHOWN FOR MOT)

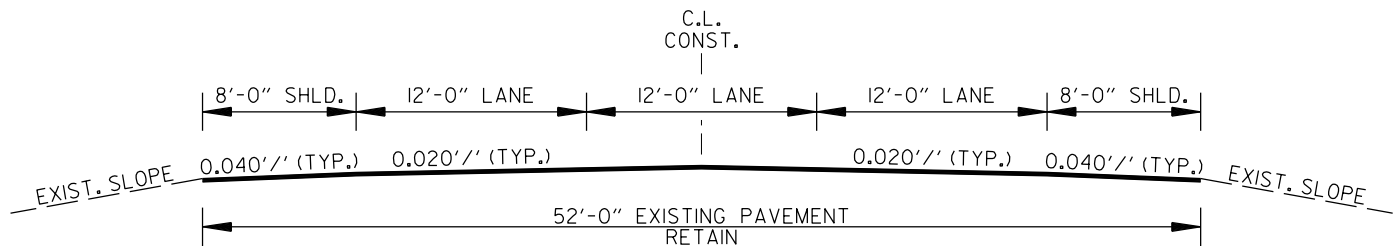


2 LANE BRIDGE

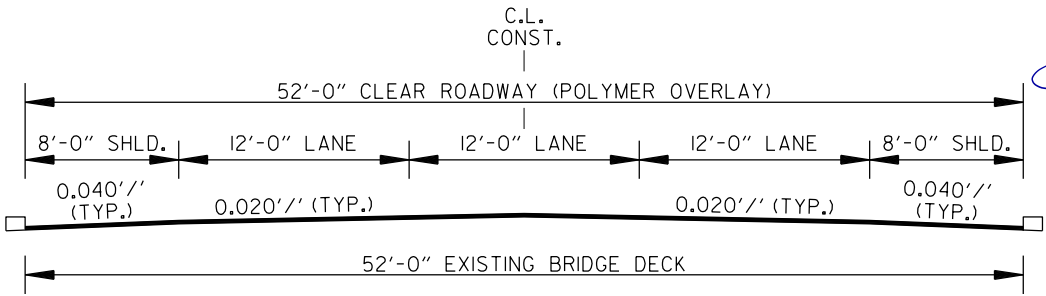
32 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(21) - BR. NO. 06631 - HWY. 64

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	0I2408	15	55
TYPICAL SECTIONS OF IMPROVEMENT						



3 LANE ROADWAY
(SHOWN FOR MOT)



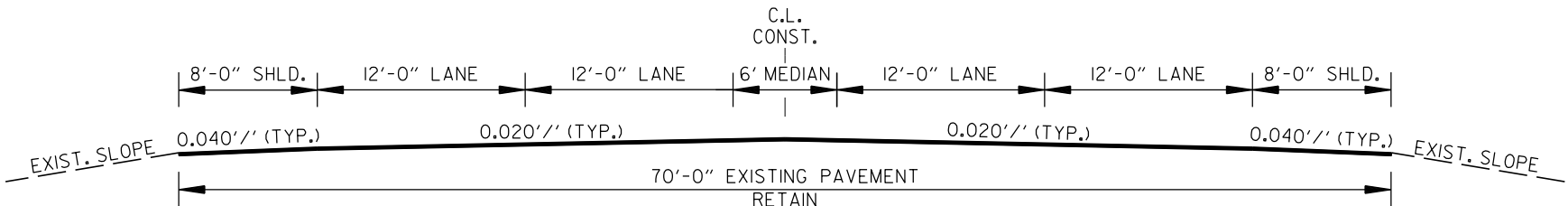
3 LANE BRIDGE - I-40 OVERPASS

52 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

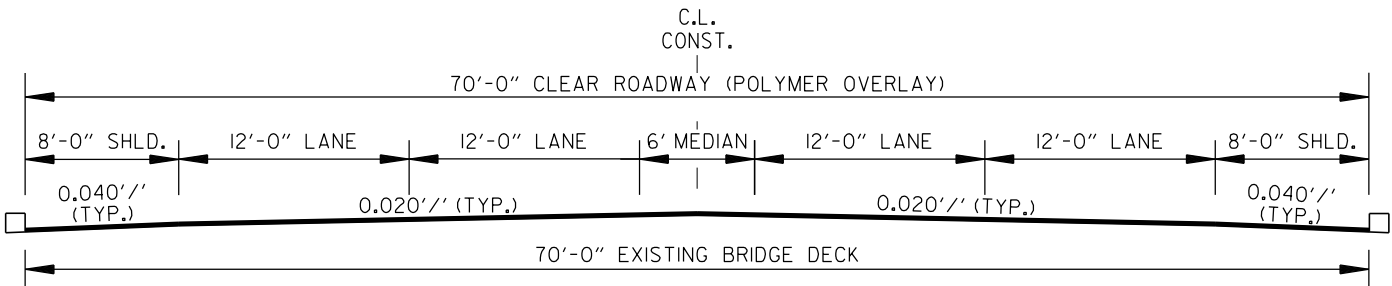
(22) - BR NO. 07055 - HWY. 25

NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



4 LANE ROADWAY
(SHOWN FOR MOT)



4 LANE BRIDGE

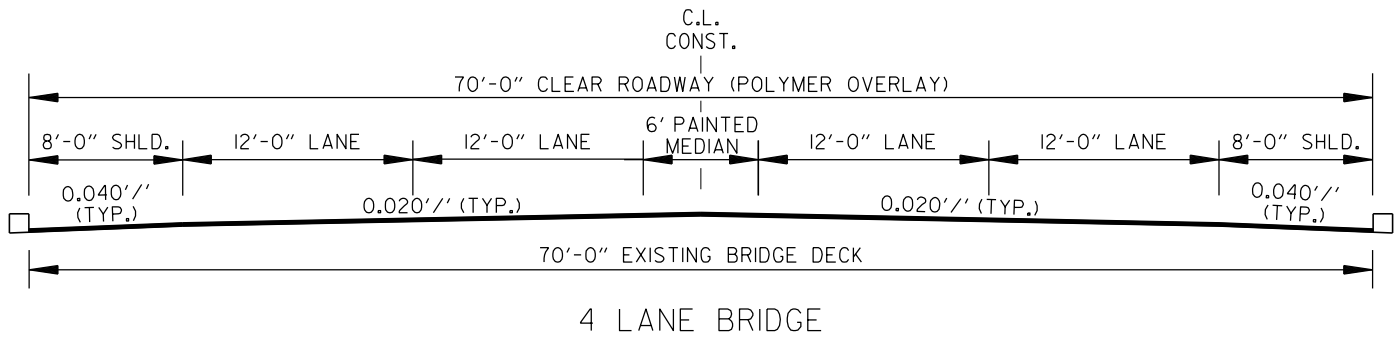
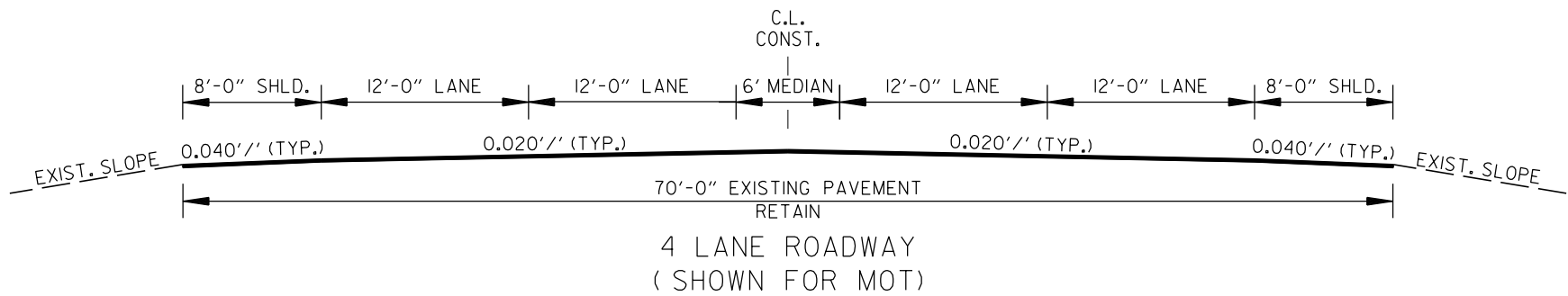
70 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(23) - BR. NO.06745 - HWY. 65

STATE OF
ARKANSAS

LINDA S. GUNN
No.9678
4-28-22

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	16	55
TYPICAL SECTIONS OF IMPROVEMENT						

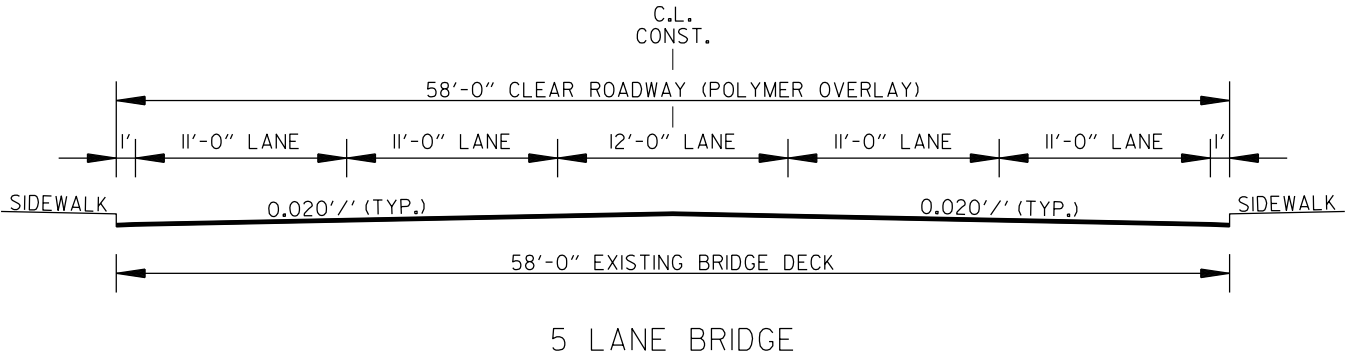
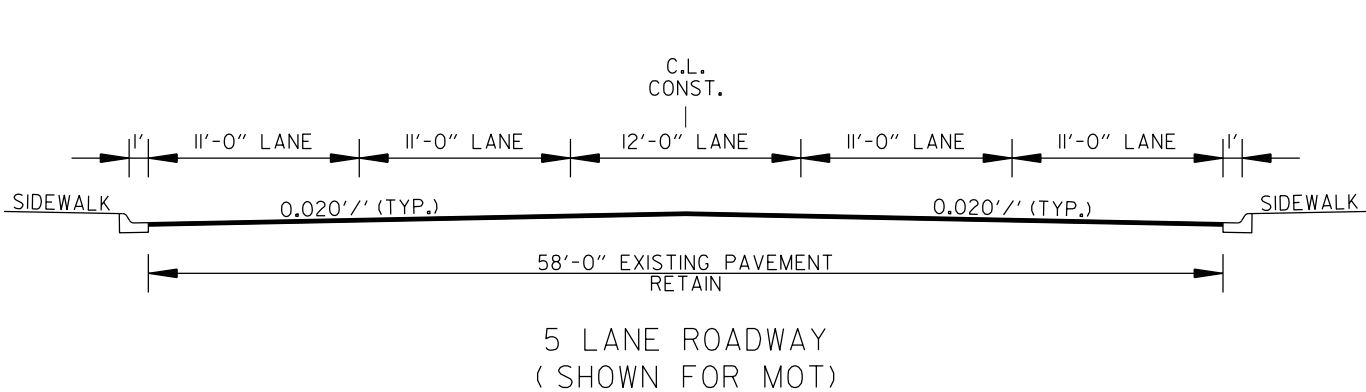


70 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(24) - BR. NO. 06628 - HWY. 65

NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



58 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(25) - BR NO. 06300 - HWY. 64

(26) - BR NO. 06301 - HWY. 64

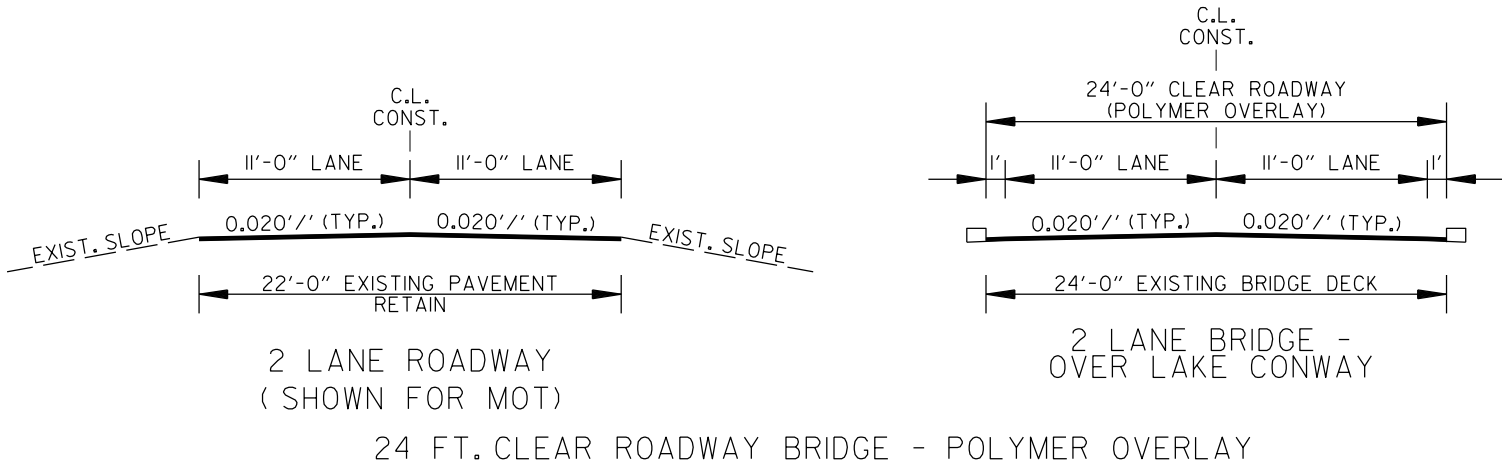
L. Gunn
24-28-22

STATE OF ARKANSAS
LINDA S. GUNN
LICENSED PROFESSIONAL ENGINEER
No. 9678

TYPICAL SECTIONS OF IMPROVEMENT

T:\civil\kaymac\4/28/2022 11:50:09 AM
WORKSPACE: ARDOT
Y:\Projects\15\ARDOT\186597_012408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\012408.04_TS_001.dgn
REVISED DATE: **REDATE**

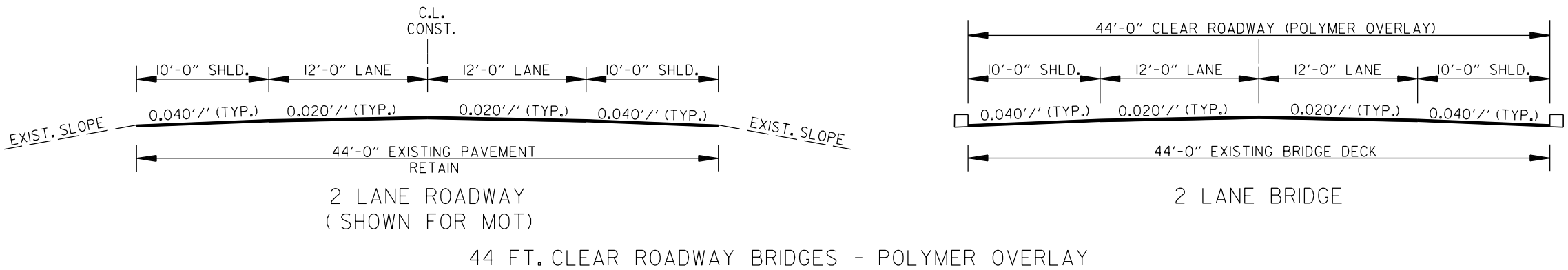
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	17	55
TYPICAL SECTIONS OF IMPROVEMENT						



(27) - BR NO. 05143 - HWY. 89

NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



(28) - BR. NO. 06182 - HWY. 270

(29) - BR. NO. 06183 - HWY. 270

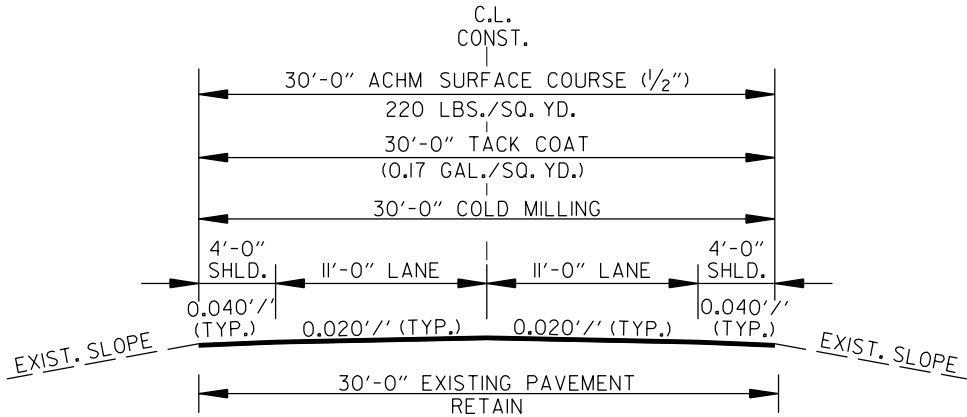
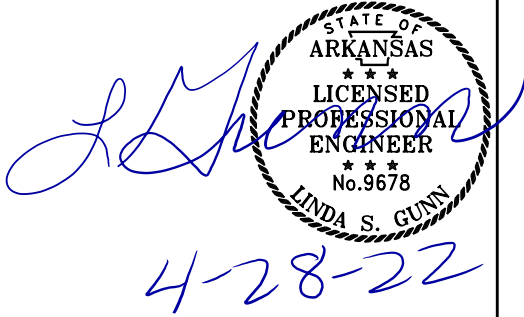
(30) - BR. NO. 06184 - HWY. 270

(31) - BR. NO. 06185 - HWY. 270

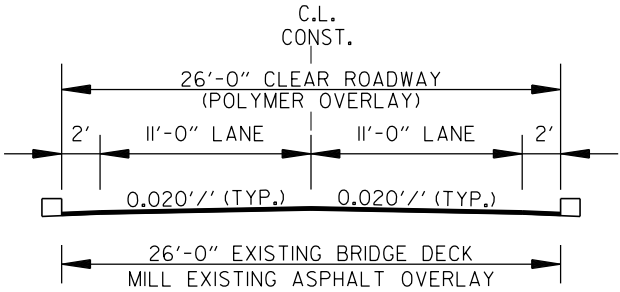
TYPICAL SECTIONS OF IMPROVEMENT

T:\civil\kaymer\4/28/2022 11:51:10 AM
WORKSPACE\AR001\186597.02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.04.TS.001.dgn
Y:\Projects\VAR001\186597.02408.Bridge Preservation\Design\Civil - Bridge Preservation\Drawings\02408.04.TS.001.dgn
REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	18	55
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY



2 LANE BRIDGE

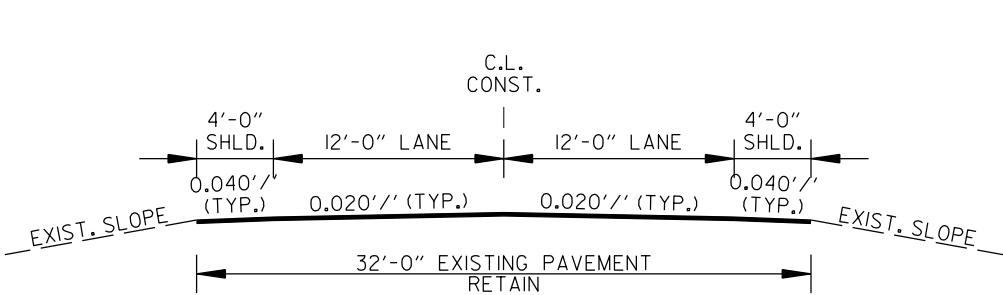
* BR. NO. 32 - 02833 WILL REQUIRE COLD MILLING AND TRANSITION DUE TO BACKWALL REPAIR BEING PERFORMED ON BRIDGE.

26 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY
(MILL ASPHALT ON BR. DECK, ROADWAY TRANSITIONS)

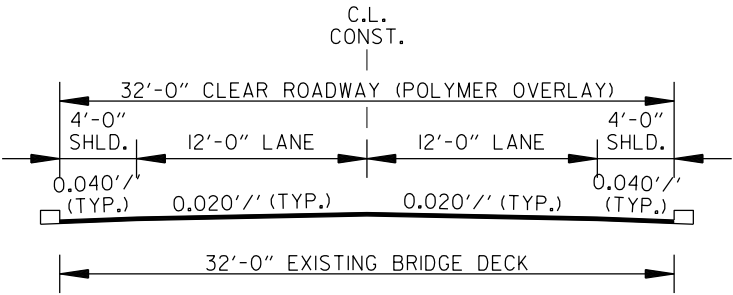
EXIST. ASP. DEPTH ON BR. 2"
(32) - BR. NO. 02833 - HWY. 270

NOTES:

1. STRINGLINE WILL BE USED TO MAINTAIN A UNIFORM HORIZONTAL ALIGNMENT.
2. THE CONTRACTOR SHALL FURNISH & MAINTAIN STD. W8-11 "UNEVEN LANES" SIGNS (48" X 48") WITH BLACK LEGEND ON ORANGE BACKGROUND AT ALL LONGITUDINAL JOINTS DURING MILLING AND PAVING OPERATIONS.
3. LONGITUDINAL JOINTS ARE TO BE PLACED PER TYPICAL SECTION IN ACCORDANCE WITH STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION, 2014 EDITION, SECTION 410.07 UNLESS OTHERWISE APPROVED IF AND WHERE BY THE ENGINEER.
4. ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
5. REFER TO SPECIAL DETAILS AND QUANTITY SHEETS FOR ROADWAY TRANSITIONS.



2 LANE ROADWAY
(SHOWN FOR MOT)



2 LANE BRIDGE

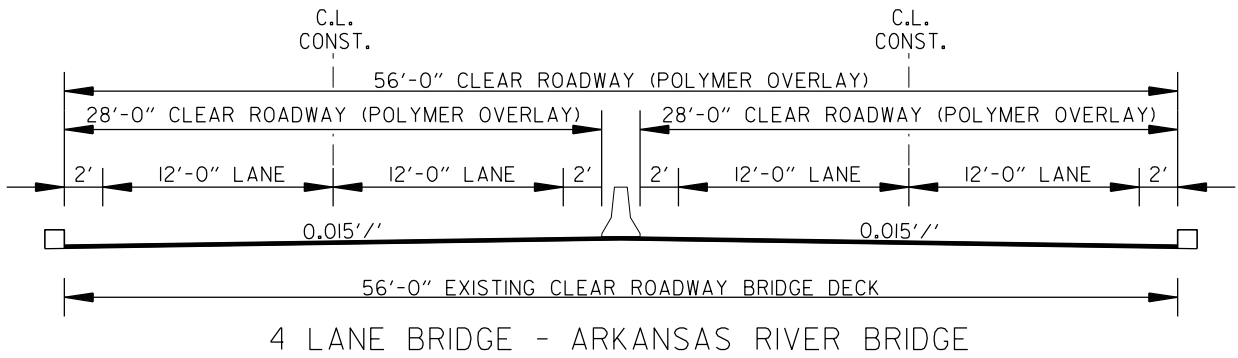
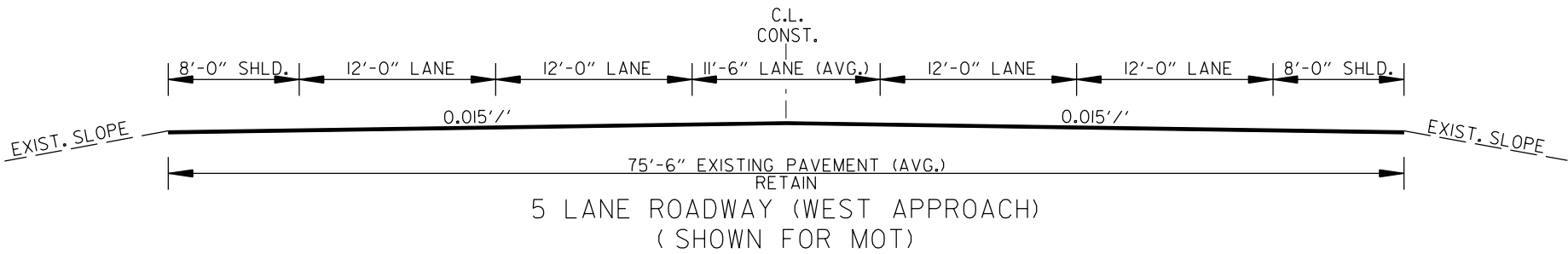
32 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(33) - BR NO. 06676 - HWY. 10
(34) - BR NO. 06677 - HWY. 10

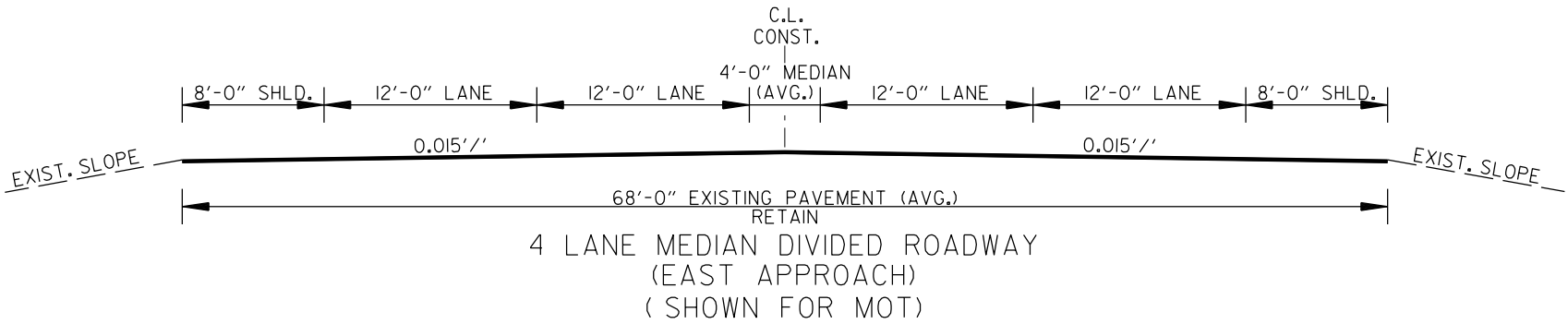
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	19	55
TYPICAL SECTIONS OF IMPROVEMENT						



4-28-22



NOTE:
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



56 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(35) - BR. NO. 05064 - HWY. 7

T:\GIS\Kymec\4/28/2022\11:41 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001-186597-012408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\012408.04.TS_001.dgn
REVISED DATE: **REDATE**

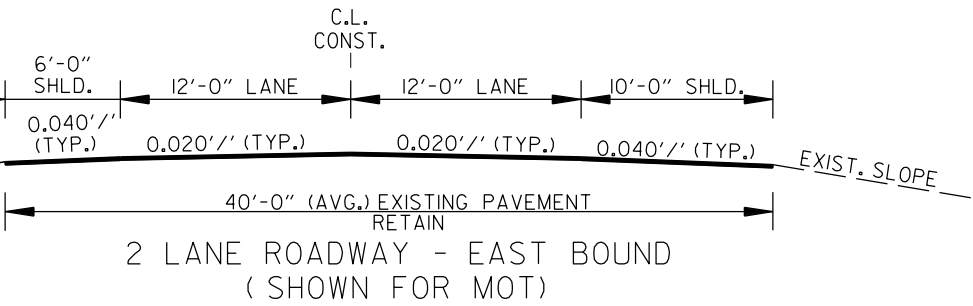
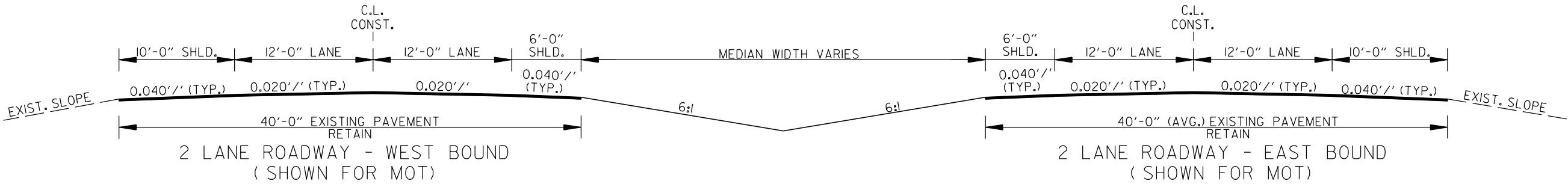
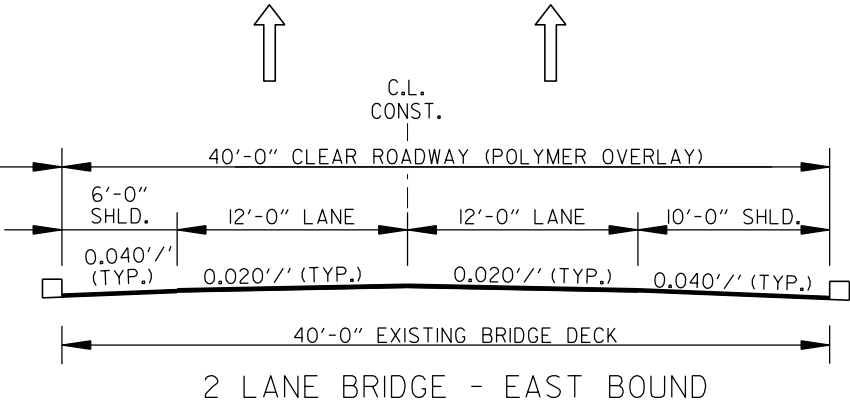
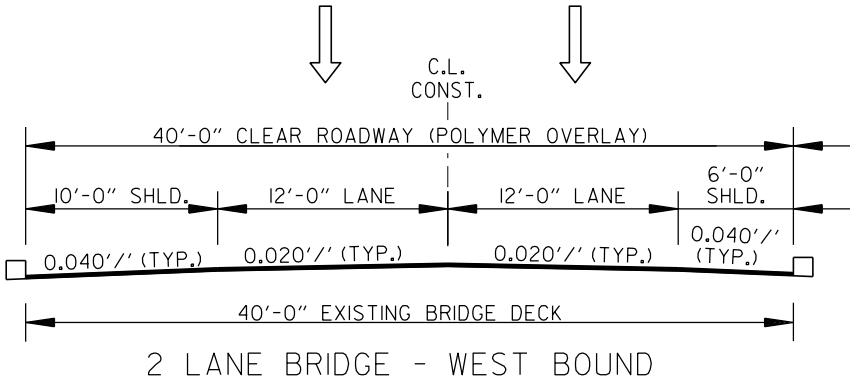
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	20	55
TYPICAL SECTIONS OF IMPROVEMENT						

STATE OF
ARKANSAS

LICENSED
PROFESSIONAL
ENGINEER

No. 9678
LINDA S. GUNN

4-28-22



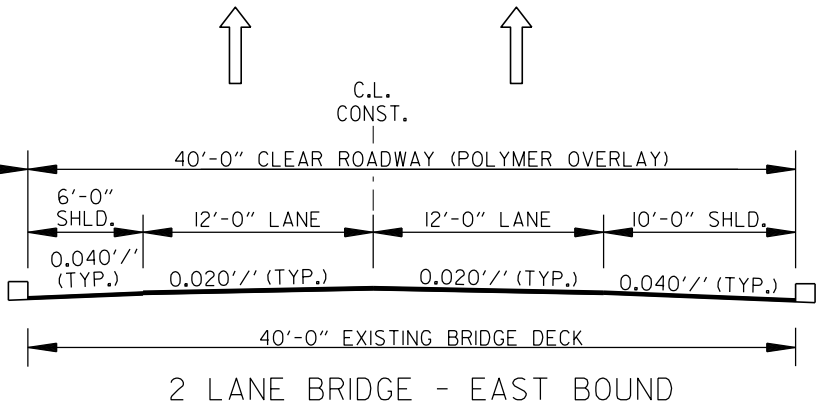
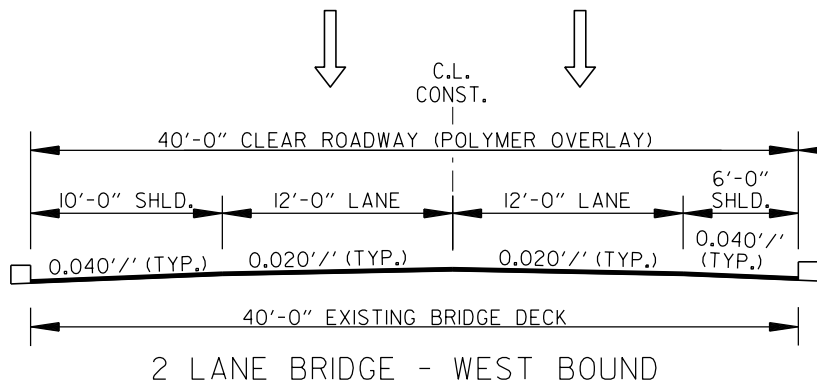
40 FT. CLEAR ROADWAY BRIDGES - POLYMER OVERLAY

- (36) - BR NO. A6475 - HWY. 412
- (38) - BR NO. A6476 - HWY. 412 - ILLINOIS RIVER
- (42) - BR NO. A6478 - HWY. 412 - ILLINOIS RIVER

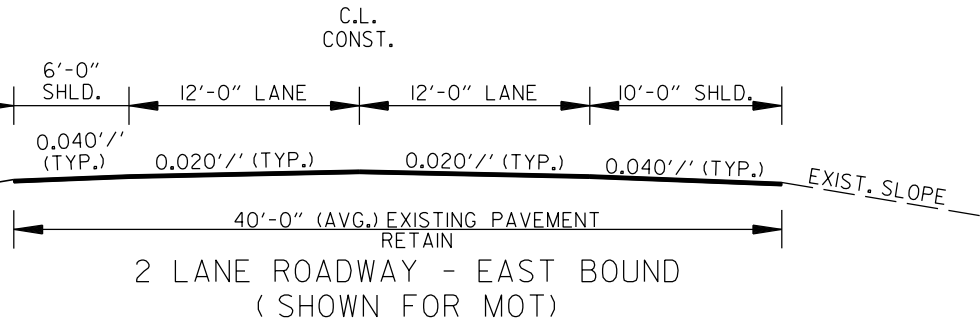
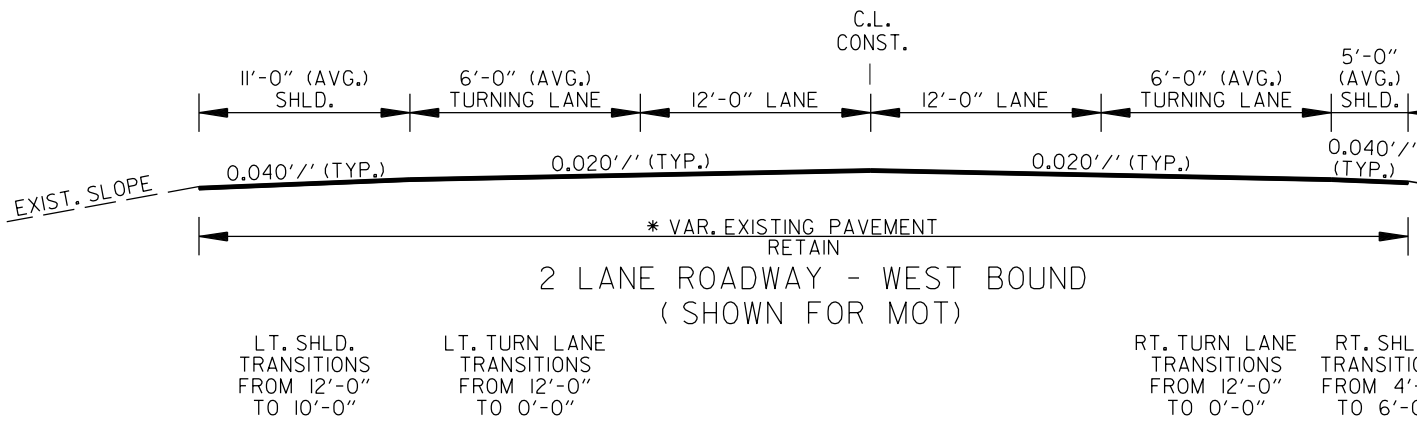
- (37) - BR NO. B6475 - HWY. 412
- (39) - BR NO. B6476 - HWY. 412 - ILLINOIS RIVER
- (43) - BR NO. B6478 - HWY. 412 - ILLINOIS RIVER

NOTE:
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	21	55
TYPICAL SECTIONS OF IMPROVEMENT						



STATE OF ARKANSAS
LINDA S. GUNN
LICENSED PROFESSIONAL ENGINEER
No. 9678
4-28-22



* ROADWAY WIDTH TRANSITIONS FROM 40'-0" TO 64'-0"

40 FT. CLEAR ROADWAY BRIDGES - POLYMER OVERLAY

(40) - BR. NO. A6477 - HWY. 412

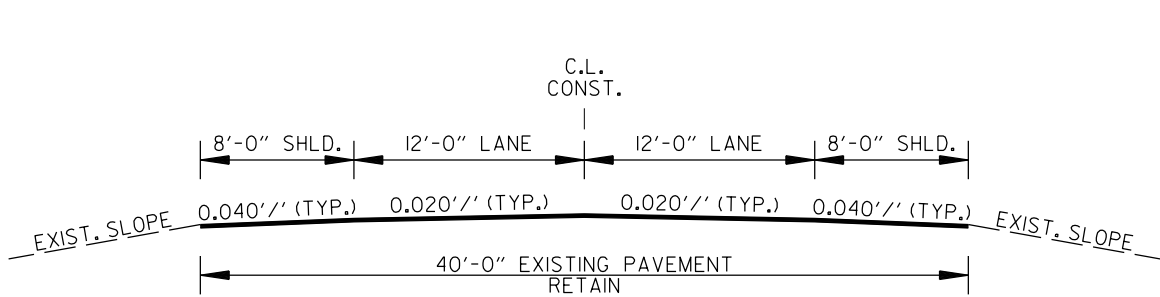
(41) - BR. NO. B6477 - HWY. 412

NOTE:

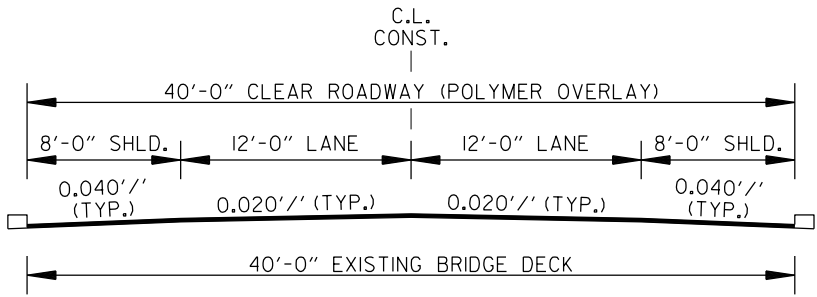
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TYPICAL SECTIONS OF IMPROVEMENT

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	22	55
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY
(SHOWN FOR MOT)

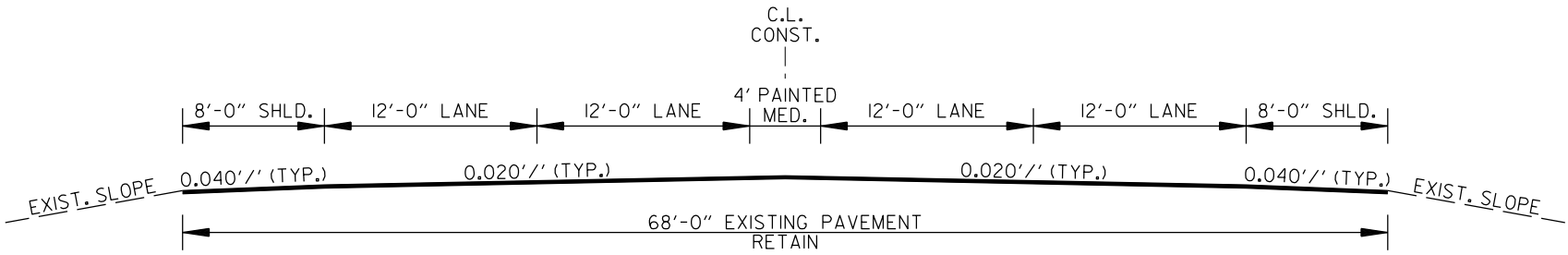


2 LANE BRIDGE

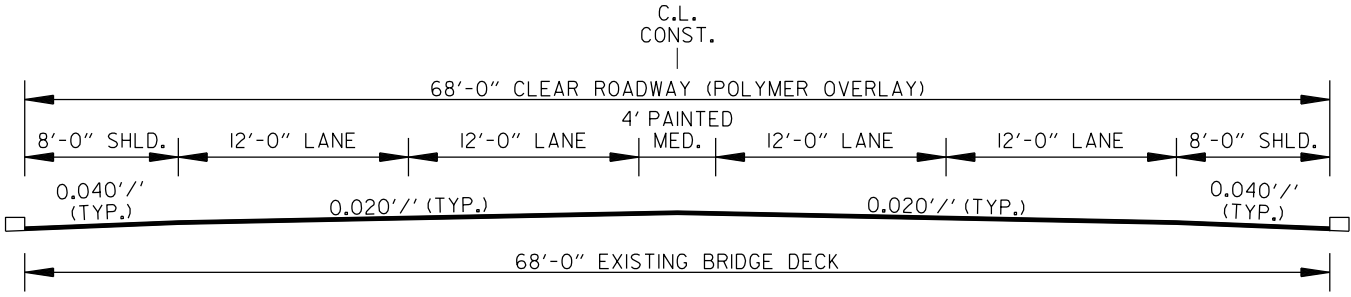
40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

- ④④ - BR NO. 06576 - HWY. 412
- ④⑤ - BR NO. 06577 - HWY. 412
- ④⑥ - BR NO. 06578 - HWY. 412

NOTE:
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



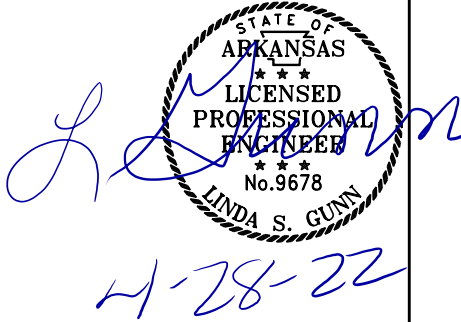
4 LANE ROADWAY
(SHOWN FOR MOT)



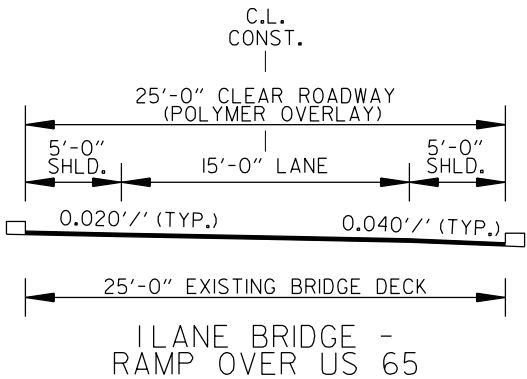
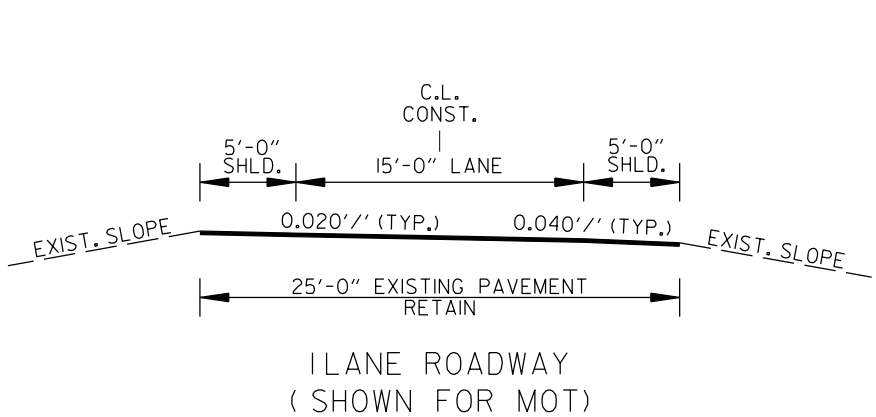
4 LANE BRIDGE

68 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

- ④⑦ - BR NO. 06398 - HWY. 62



DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	23	55
TYPICAL SECTIONS OF IMPROVEMENT						

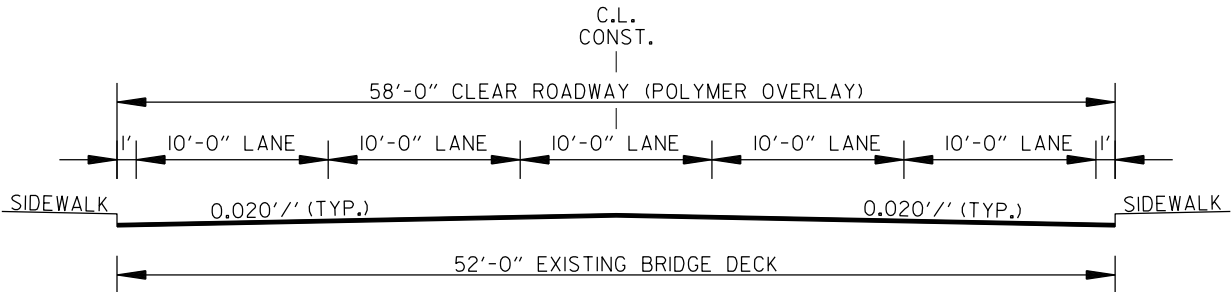
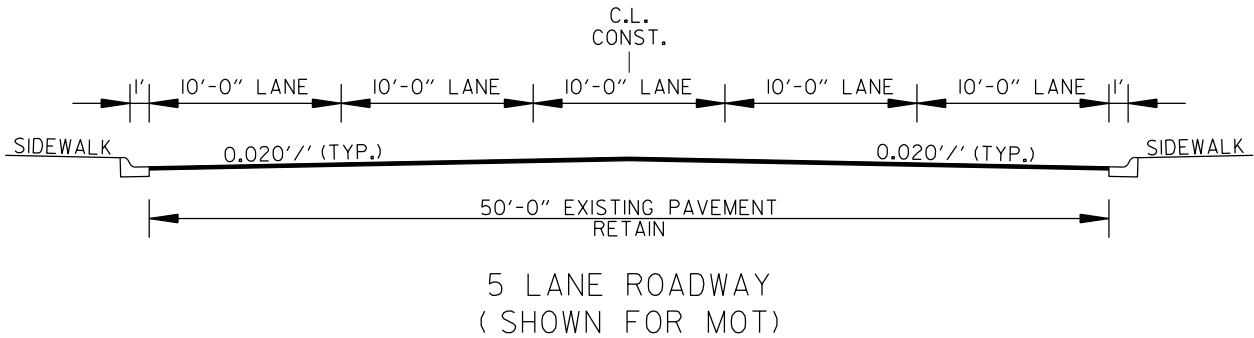


25 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(48) - BR NO. 06683 - HWY. 62

NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

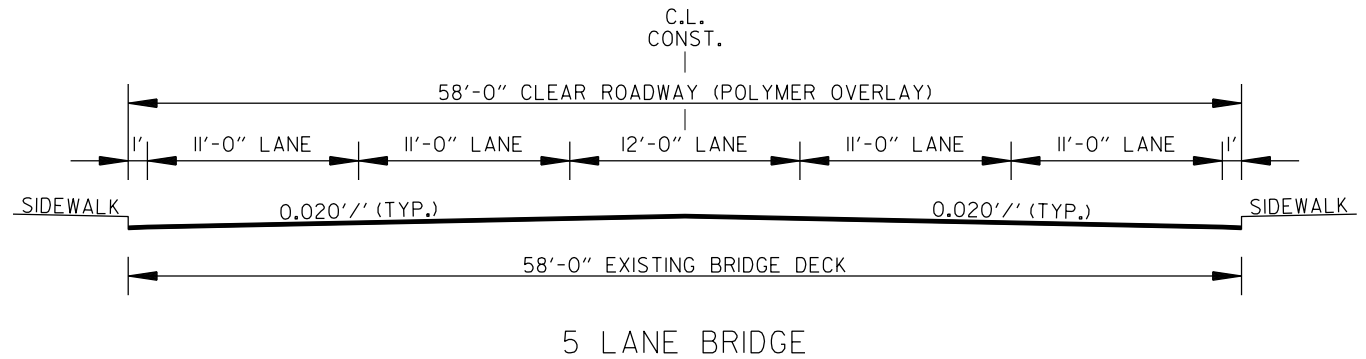
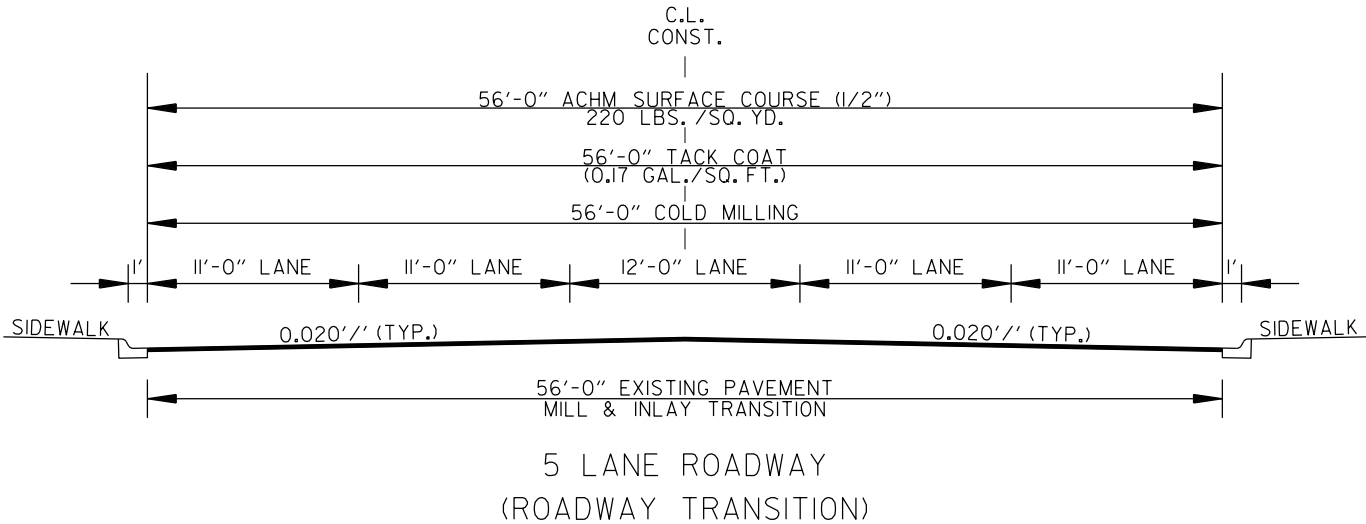


52 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(49) - BR NO. 06586 - HWY. 65



DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	24	55
TYPICAL SECTIONS OF IMPROVEMENT						



58 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

50 - BR NO. 06585 - HWY. 65

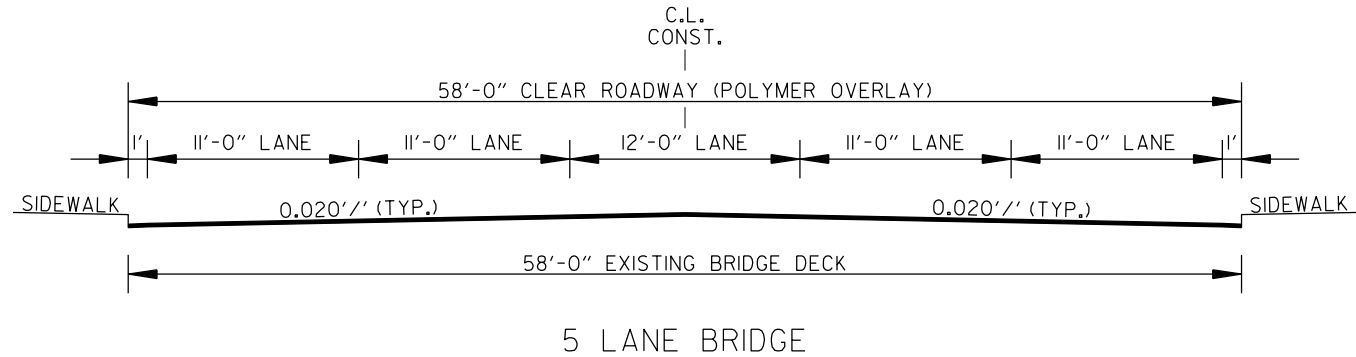
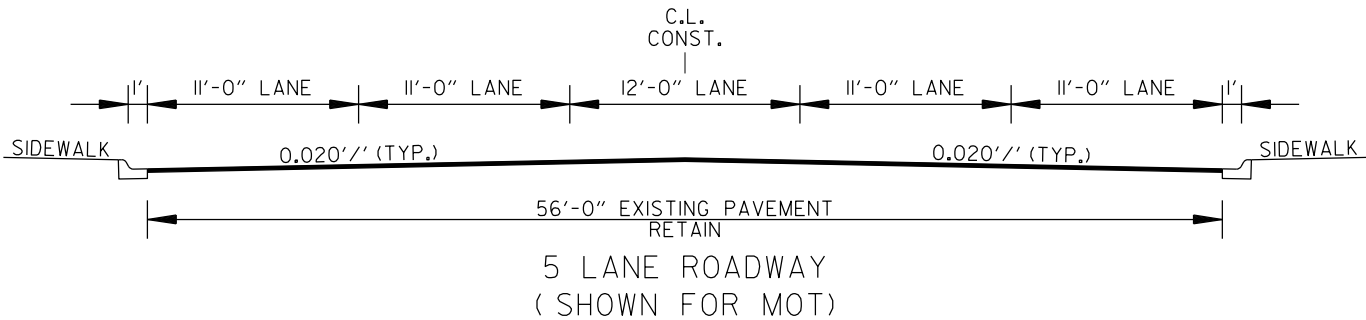
NOTES:

1. STRINGLINE WILL BE USED TO MAINTAIN A UNIFORM HORIZONTAL ALIGNMENT.
2. THE CONTRACTOR SHALL FURNISH & MAINTAIN STD. W8-11 "UNEVEN LANES" SIGNS (48" X 48") WITH BLACK LEGEND ON ORANGE BACKGROUND AT ALL LONGITUDINAL JOINTS DURING MILLING AND PAVING OPERATIONS.
3. LONGITUDINAL JOINTS ARE TO BE PLACED PER TYPICAL SECTION IN ACCORDANCE WITH STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION, 2014 EDITION, SECTION 410.07 UNLESS OTHERWISE APPROVED IF AND WHERE BY THE ENGINEER.
4. ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
5. REFER TO SPECIAL DETAILS AND QUANTITY SHEETS FOR ROADWAY TRANSITIONS.

* BR. NO. 50 - 06585 WILL REQUIRE COLD MILLING AND TRANSITION DUE TO BACKWALL REPAIR BEING PERFORMED ON BRIDGE.

T:\civil\kaymac - 4/28/2022 11:41:14 AM
WORKSPACE\AR001-186597-012408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\012408.04_TS_001.dgn
Y:\Projects\VAR001-186597-012408.Bridge Preservation\Design\Civil - Bridge Preservation\Drawings\012408.04_TS_001.dgn
REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	25	55
TYPICAL SECTIONS OF IMPROVEMENT						

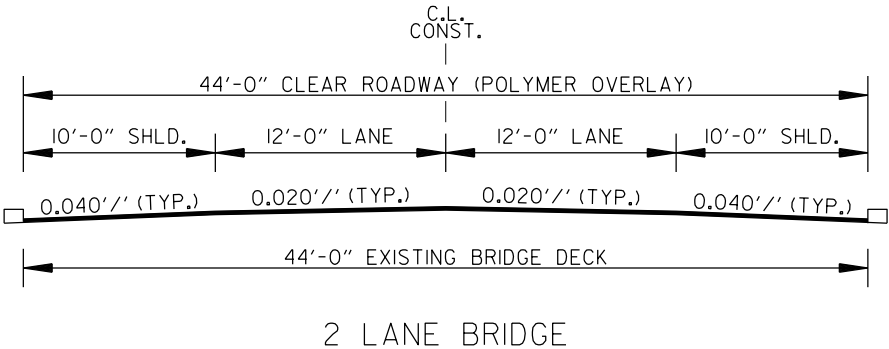
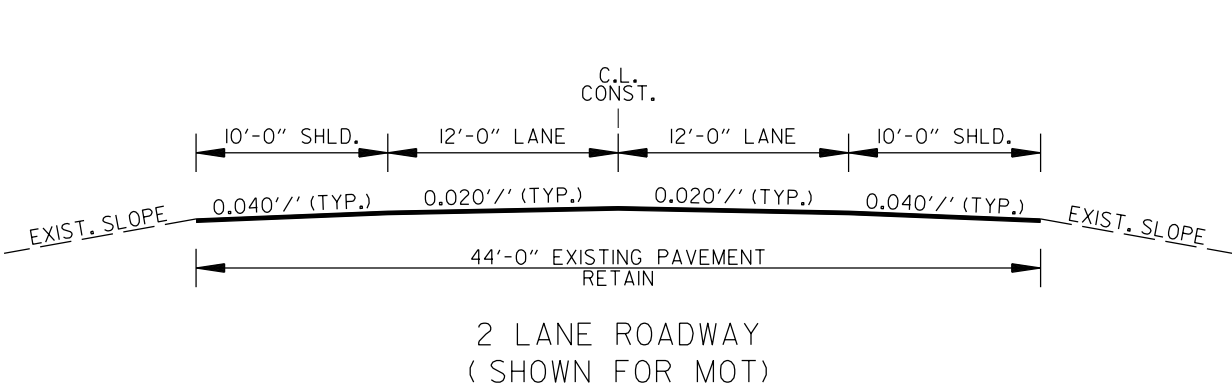


58 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(51) - BR NO. 06584 - HWY. 65

NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



44 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(52) - BR. NO. 06058 - HWY. 62

(53) - BR. NO. 06059 - HWY. 62 - WHITE RIVER BR.

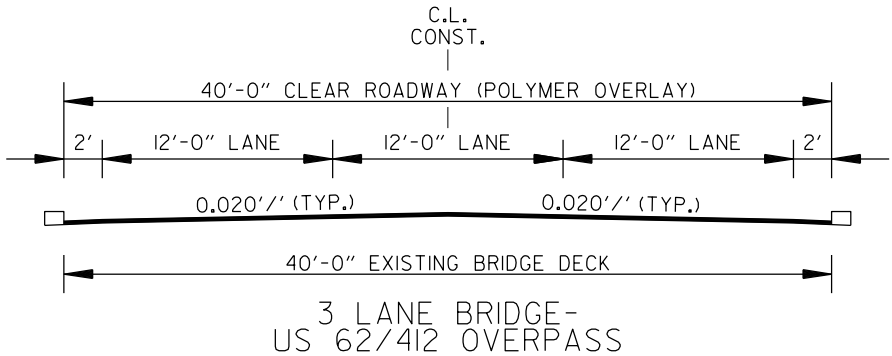
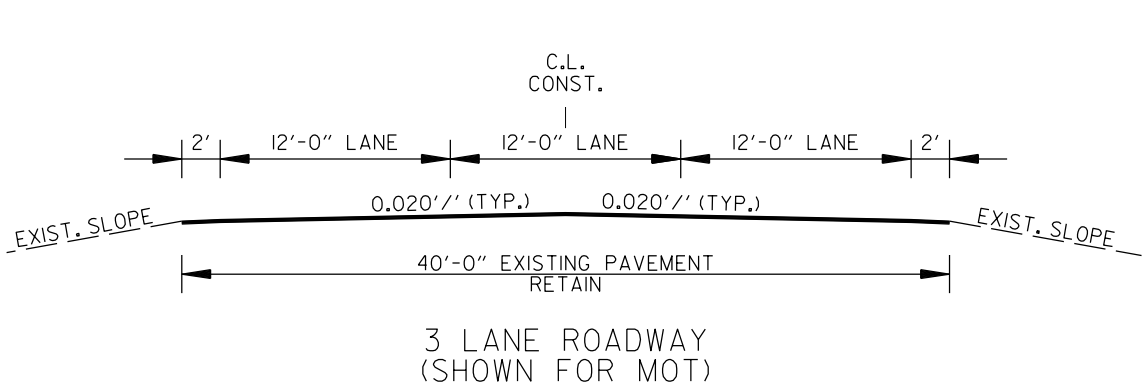
STATE OF ARKANSAS
L.S. Gunn
LICENSED PROFESSIONAL ENGINEER
No. 4678
LINDA S. GUNN
4-28-22

TYPICAL SECTIONS OF IMPROVEMENT

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	26	55
TYPICAL SECTIONS OF IMPROVEMENT						



4-28-22

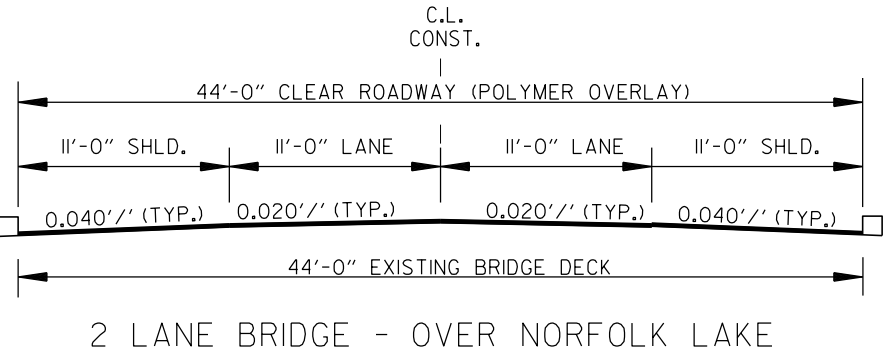
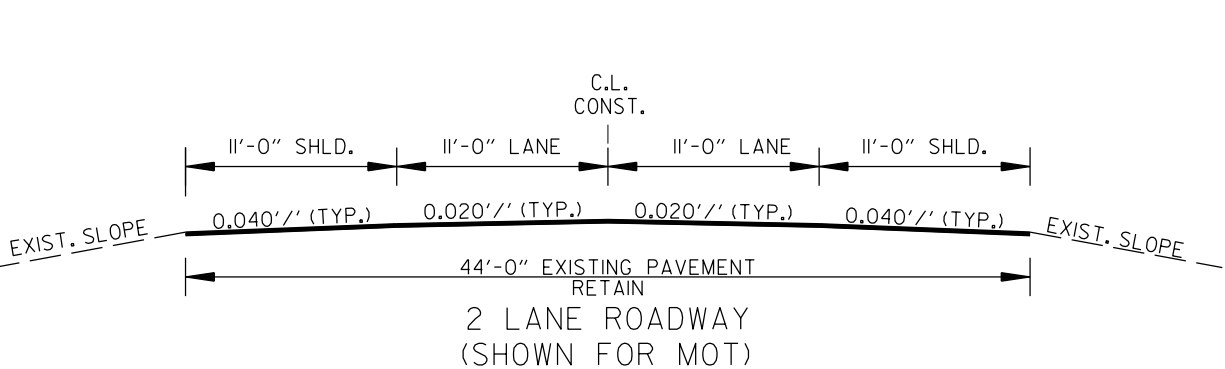


40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(54) - BR. NO. 05930 - HWY. 5

NOTE:

ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

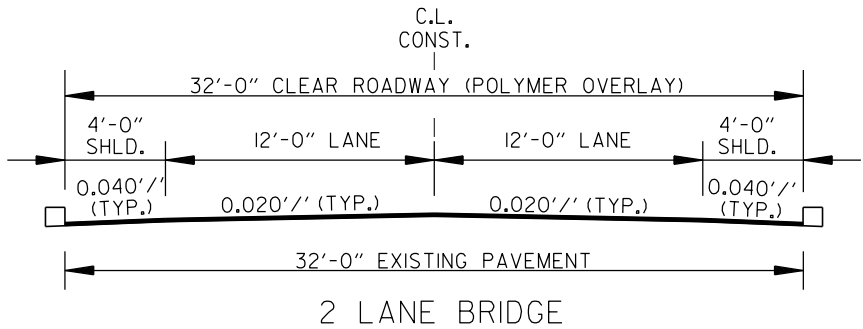
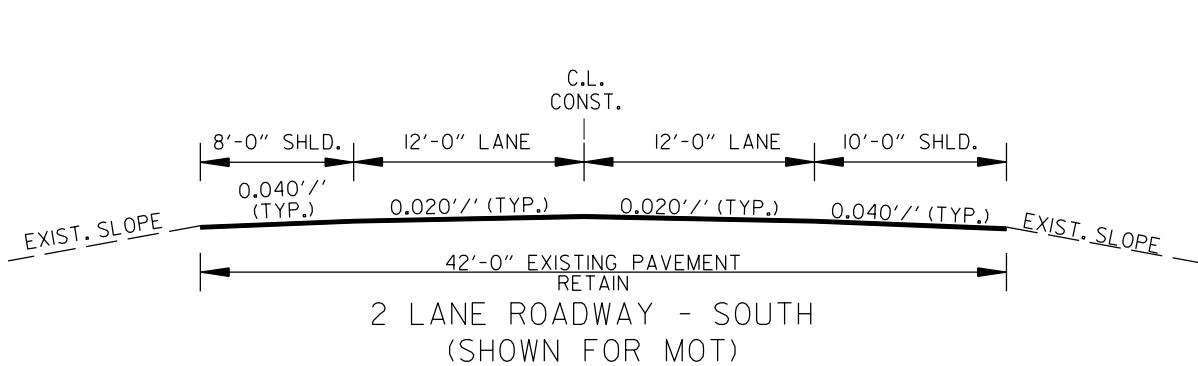


2 LANE BRIDGE - OVER NORFOLK LAKE

44 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(55) - BR. NO. 05770 - HWY. 62

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	27	55
TYPICAL SECTIONS OF IMPROVEMENT						

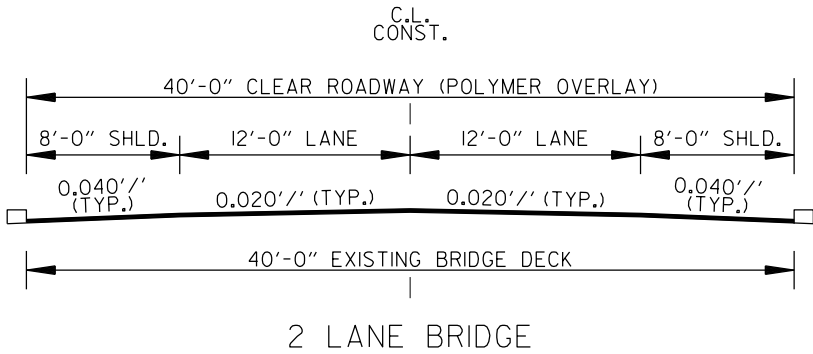
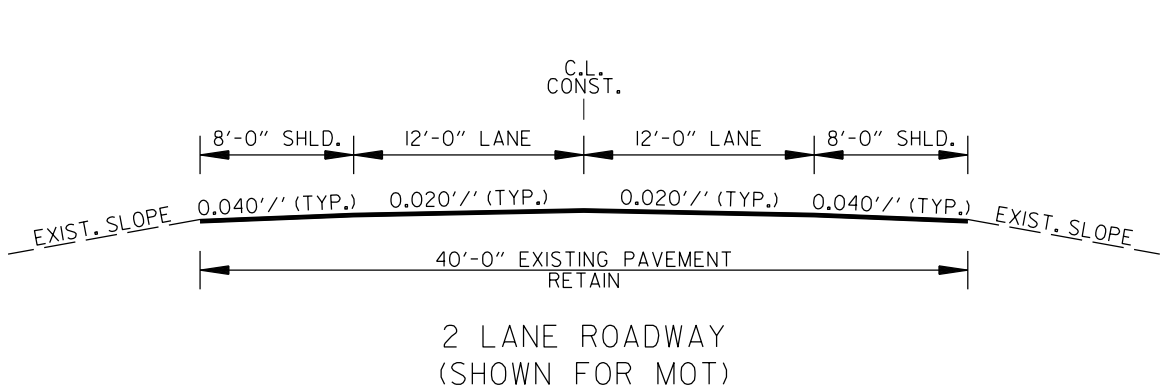


32 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(56) - BR. NO. 05769 - HWY. 101

NOTE:

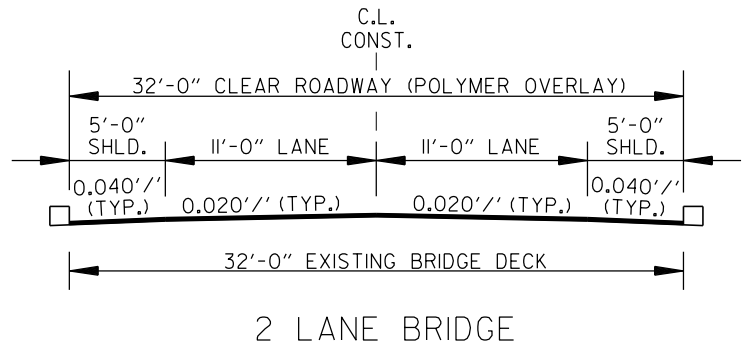
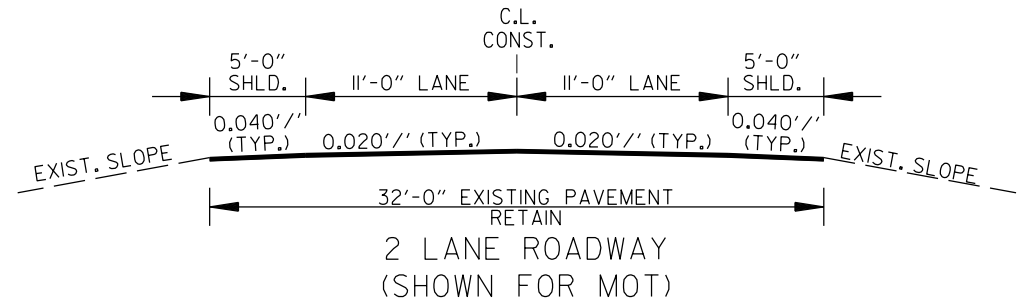
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(57) - BR. NO. 07202 - HWY. 65

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	28	55
TYPICAL SECTIONS OF IMPROVEMENT						

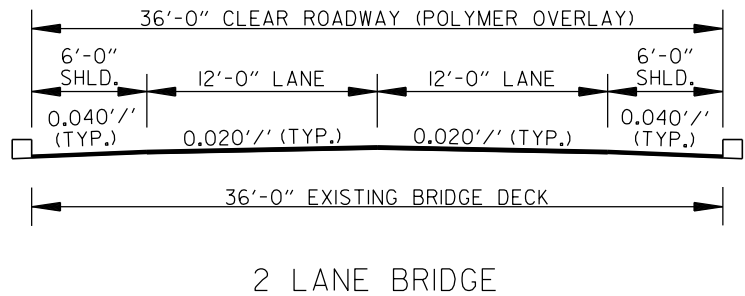
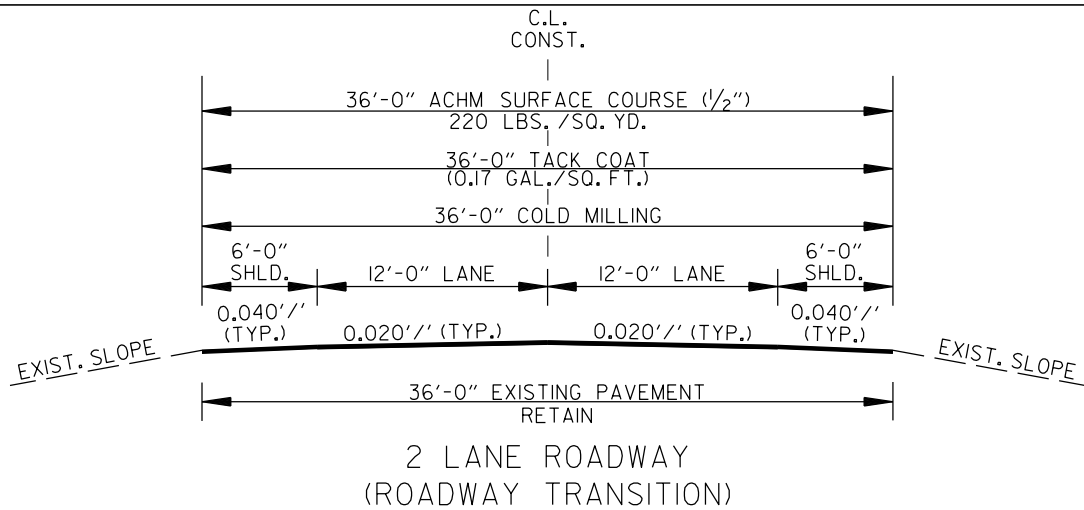


32 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(58) - BR. NO. 05933 - HWY. 16

NOTES:

1. STRINGLINE WILL BE USED TO MAINTAIN A UNIFORM HORIZONTAL ALIGNMENT.
2. THE CONTRACTOR SHALL FURNISH & MAINTAIN STD. W8-11 "UNEVEN LANES" SIGNS (48" X 48") WITH BLACK LEGEND ON ORANGE BACKGROUND AT ALL LONGITUDINAL JOINTS DURING MILLING AND PAVING OPERATIONS.
3. LONGITUDINAL JOINTS ARE TO BE PLACED PER TYPICAL SECTION IN ACCORDANCE WITH STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION, 2014 EDITION, SECTION 410.07 UNLESS OTHERWISE APPROVED IF AND WHERE BY THE ENGINEER.
4. ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
5. REFER TO SPECIAL DETAILS AND QUANTITY SHEETS FOR ROADWAY TRANSITIONS.



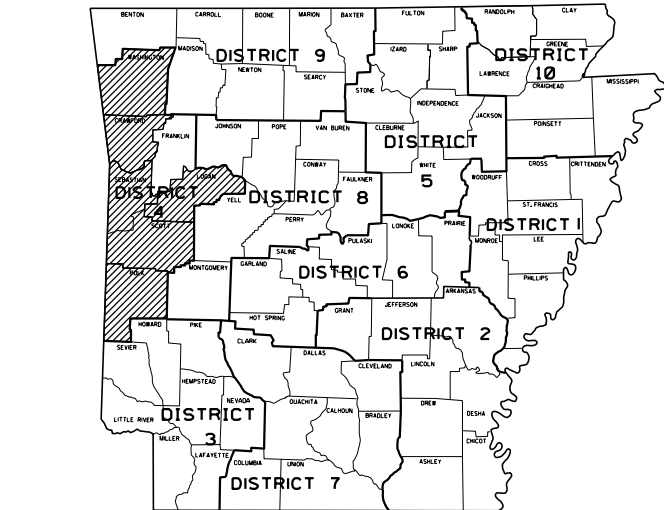
36 FT. CLEAR ROADWAY BRIDGES - POLYMER OVERLAY

- (59) - BR. NO. 06512 - HWY. 23 (ROADWAY TRANSITION)
(60) - BR. NO. 06370 - HWY. 23 - WHITE RIVER
(61) - BR. NO. 06798 - HWY. 23
(62) - BR. NO. 06407 - HWY. 23
(63) - BR. NO. 06408 - HWY. 23
(64) - BR. NO. 06409 - HWY. 23

* BR. NO. 59 - 06512 WILL REQUIRE COLD MILLING AND TRANSITION DUE TO BACKWALL REPAIR BEING PERFORMED ON BRIDGE.

STATE OF ARKANSAS
LINDA S. GUNN
No. 9678
4-28-22

T:\civil\kaypac - 4/28/2022 11:51:18 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001\02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408_05_SD_001.dgn
REVISED DATE: \$REVDAT\$

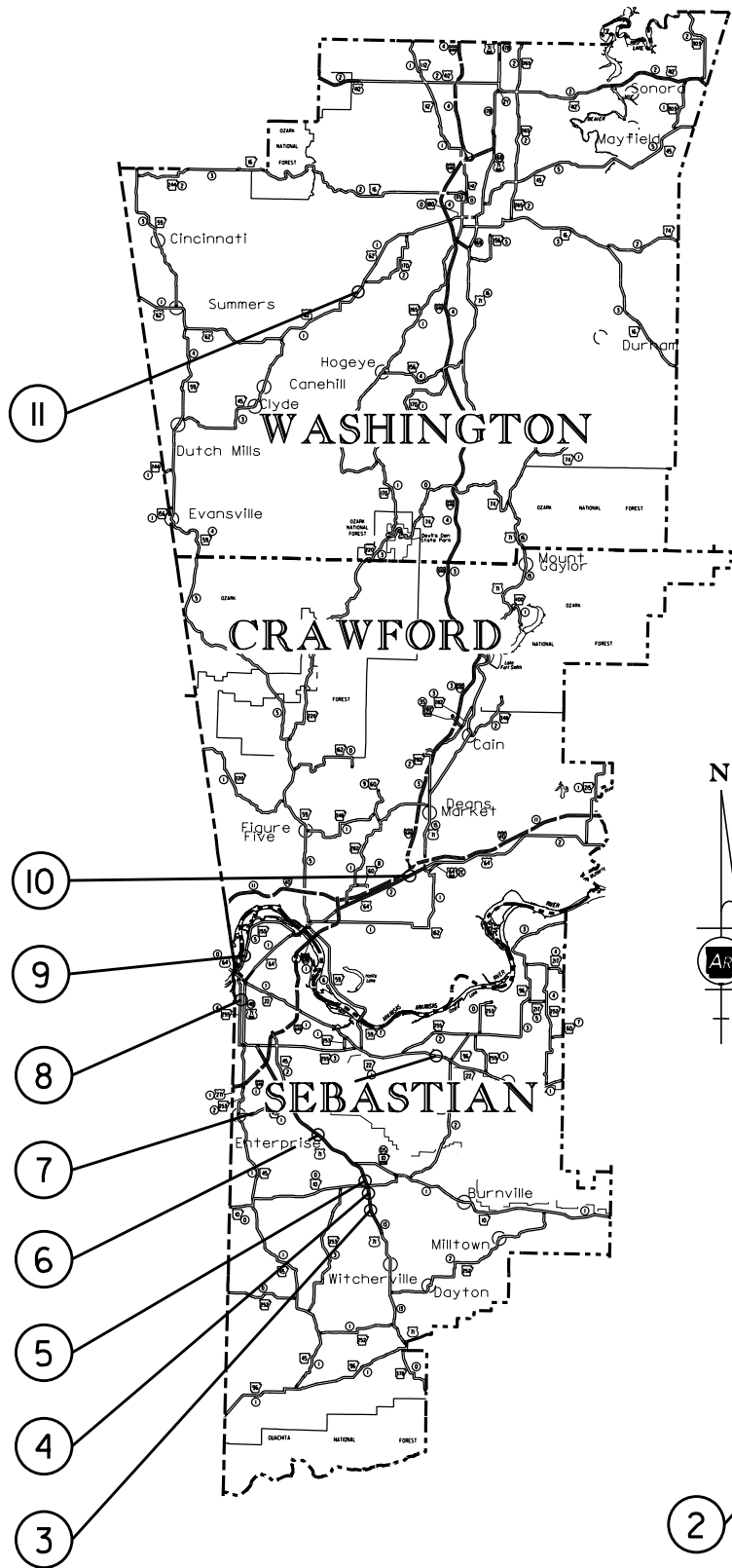


ARKANSAS HIGHWAY DISTRICT 4

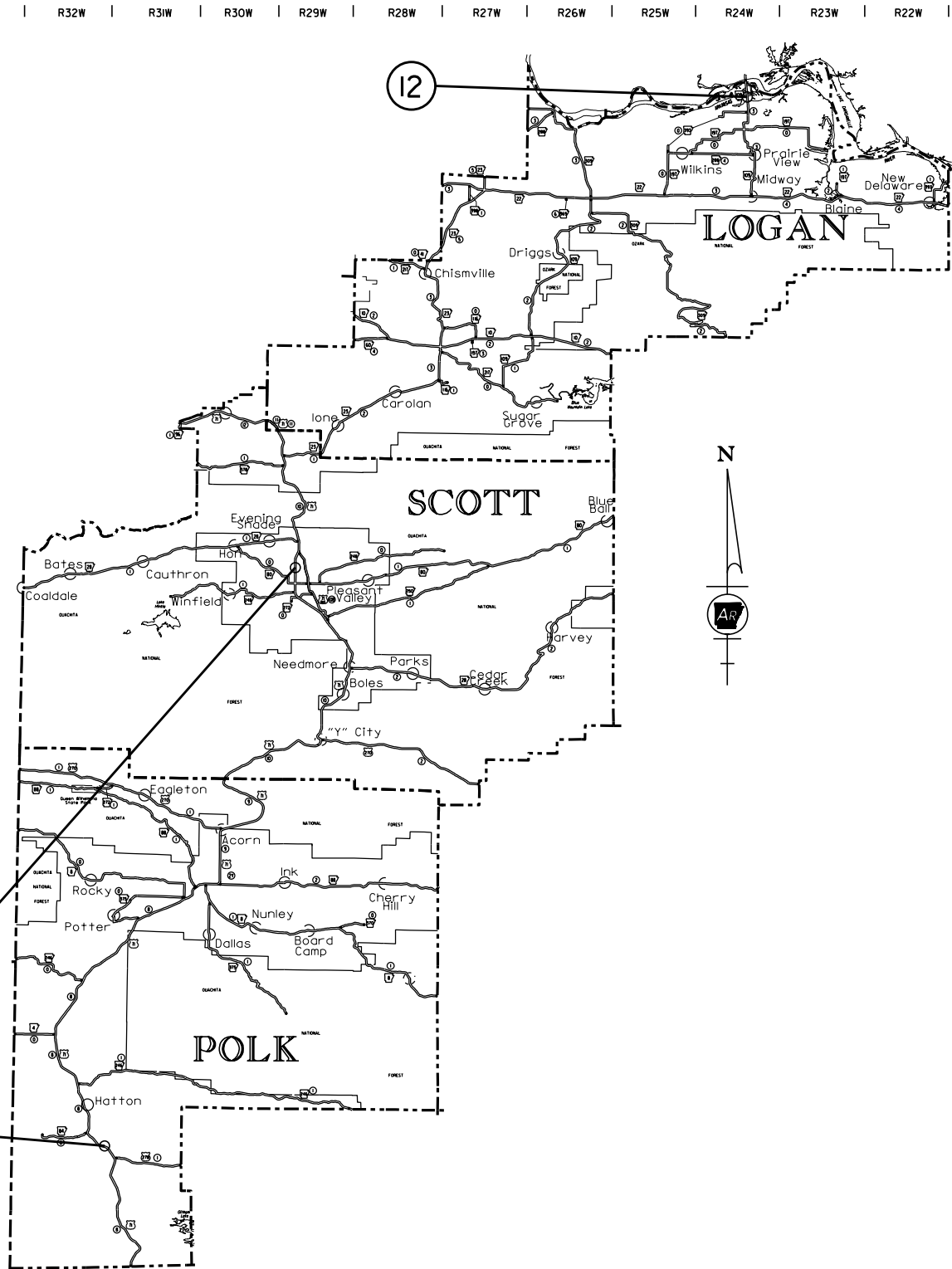
LEGEND

○ - POLYMER OVERLAY

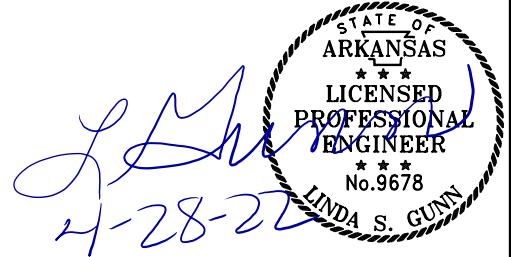
- | | |
|--|---|
| 1 HWY. 71, SEC. 8
LOG MILE 9.882 BR. END
OVER KANSAS CITY SOUTHERN RR
109' - 1" BRIDGE NO. 06766
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) | 8 HWY. 255, SEC. 4
LOG MILE 3.029 BR. END
OVER MILL CREEK
105' - 0" BRIDGE NO. 05662
44' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) |
| 2 HWY. 71, SEC. 10
LOG MILE 23.207 BR. END
OVER POTEAU RIVER
281' - 1 5/8" BRIDGE NO. 05290
43' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) | 9 HWY. 255, SEC. 5
LOG MILE 1.558 BR. END
OVER SEWER OUTLET
105' - 0" BRIDGE NO. 05360
43' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) |
| 3 HWY. 71, SEC. 13
LOG MILE 8.823 BR. END
OVER VINEYARD CREEK
107' - 1 5/8" BRIDGE NO. B5192
38' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) | 10 HWY. 64, SEC. 2
LOG MILE 7.323 BR. END
OVER FROG BAYOU
497' - 3" BRIDGE NO. B2280
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) |
| 4 HWY. 71, SEC. 13
LOG MILE 9.795 BR. END
OVER ADAMSON CREEK
107' - 3 1/4" BRIDGE NO. B5193
38' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) | 11 HWY. 62, SEC. 1
LOG MILE 17.138 BR. END
OVER ILLINOIS RIVER
384' - 4 2/7" BRIDGE NO. 06732
70' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) |
| 5 HWY. 71, SEC. 14
LOG MILE 0.254 BR. END
OVER HESTER CREEK
182' - 3 1/4" BRIDGE NO. B5194
38' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) | 12 HWY. 109, SEC. 3
LOG MILE 7.785 BR. END
OVER ARKANSAS RIVER
8537' - 1" BRIDGE NO. 05600
30' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) |
| 6 HWY. 71, SEC. 14
LOG MILE 4.451 BR. END
OVER PRAIRIE CREEK
107' - 4 7/8" BRIDGE NO. 06206
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) | |
| 7 HWY. 22, SEC. 1
LOG MILE 13.088 BR. END
OVER BIG VACHE GRASSE CREEK
352' - 1 1/2" BRIDGE NO. 07154
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY) | |



DISTRICT 4
INSET - 1
NOT TO SCALE



DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	29	55
SPECIAL DETAILS						



SPECIAL DETAILS

T:\civil\kaymac\4/28/2022 11:51:19 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001\02408.Bridge
REVIS DATE: \$REVIS\$

Travis Kaymac 4/28/2022 11:51:19 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001\02408.Bridge
REVIS DATE: \$REVIS\$

Travis Kaymac 4/28/2022 11:51:19 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001\02408.Bridge
REVIS DATE: \$REVIS\$

ARKANSAS HIGHWAY DISTRICT 8

LEGEND

○ - POLYMER OVERLAY

13 HWY. 7, SEC. 13
LOG MILE 0.966 BR. END
OVER KEELAND SLOUGH
150' - 0" BRIDGE NO. 05378
39' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

14 HWY. 7, SEC. 13
LOG MILE 1.177 BR. END
OVER KEELAND LAKE
150' - 0" BRIDGE NO. 05379
39' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

15 HWY. 7, SEC. 13
LOG MILE 3.424 BR. END
OVER PETIT JEAN RIVER
382' - 3 5/8" BRIDGE NO. 06487
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

16 HWY. 7, SEC. 13
LOG MILE 6.293 BR. END
OVER POND CREEK
90' - 0" BRIDGE NO. 06595
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

17 HWY. 7, SEC. 14
LOG MILE 1.447 BR. END
OVER WHIG CREEK
109' - 5 3/8" BRIDGE NO. A2680
68' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

18 HWY. 124, SEC. 1
LOG MILE 0.845 BR. END
OVER I-40
221' - 3 5/8" BRIDGE NO. 07014
76' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

19 HWY. 9, SEC. 7
LOG MILE 5.230 BR. END
OVER ARKANSAS RIVER
1893' - 4 2/3" BRIDGE NO. 05050
28' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

20 HWY. 95, SEC. 1
LOG MILE 7.854 BR. END
OVER POINT REMOVE CREEK
242' - 6 1/2" BRIDGE NO. 05586
39' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

21 HWY. 64, SEC. 7
LOG MILE 22.403 BR. END
OVER CADRON CREEK
347' - 4 5/8" BRIDGE NO. 06631
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

22 HWY. 25, SEC. 0
LOG MILE 0.158 BR. END
OVER I-40
300' - 2" BRIDGE NO. 07055
52' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

23 HWY. 65, SEC. 9
LOG MILE 2.084 BR. END
OVER BATESVILLE CREEK
358' - 2" BRIDGE NO. 06745
70' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

24 HWY. 65, SEC. 9
LOG MILE 4.900 BR. END
OVER NORTH CADRON CREEK
517' - 2" BRIDGE NO. 06628
70' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

25 HWY. 64, SEC. 9
LOG MILE 1.364 BR. END
OVER LITTLE CREEK
92' - 1" BRIDGE NO. 06300
58' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

26 HWY. 64, SEC. 9
LOG MILE 2.306 BR. END
OVER GOLD CREEK
117' - 1" BRIDGE NO. 06301
58' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

27 HWY. 89, SEC. 4
LOG MILE 10.040 BR. END
OVER LAKE CONWAY
180' - 0" BRIDGE NO. 05143
24' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

28 HWY. 270, SEC. 4
LOG MILE 2.322 BR. END
OVER WILLIAMS CREEK
176' - 1/8" BRIDGE NO. 06182
44' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

29 HWY. 270, SEC. 4
LOG MILE 2.682 BR. END
OVER ROGERS CREEK
75' - 3/4" BRIDGE NO. 06183
44' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

30 HWY. 270, SEC. 4
LOG MILE 5.967 BR. END
OVER SHADY CREEK
143' - 0 13/16" BRIDGE NO. 06184
44' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

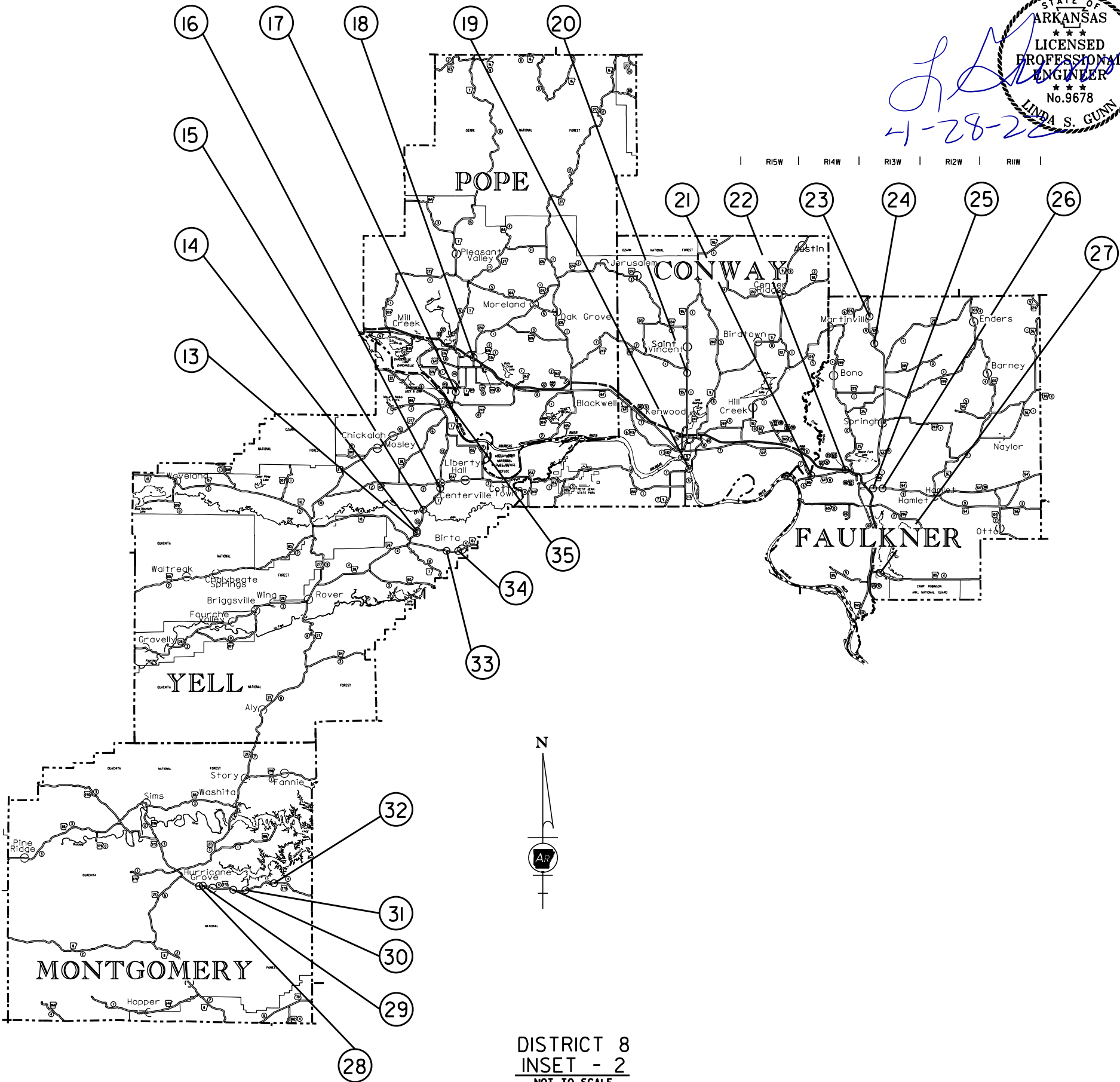
31 HWY. 270, SEC. 4
LOG MILE 7.057 BR. END
OVER TWIN CREEK
142' - 2 3/4" BRIDGE NO. 06185
44' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

32 HWY. 270, SEC. 4
LOG MILE 10.241 BR. END
OVER GAP CREEK
66' - 0" BRIDGE NO. 02833
26' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

33 HWY. 10, SEC. 4
LOG MILE 15.132 BR. END
OVER COKER CREEK
91' - 2/7" BRIDGE NO. 06676
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

34 HWY. 10, SEC. 4
LOG MILE 16.328 BR. END
OVER MASON CREEK
90' - 9 3/16" BRIDGE NO. 06677
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

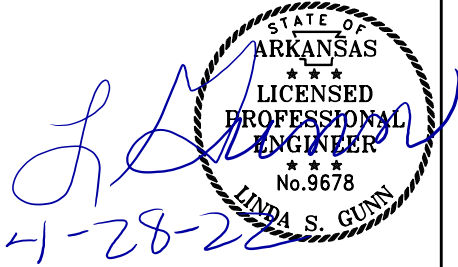
35 HWY. 7, SEC. 13
LOG MILE 15.503 BR. END
OVER ARKANSAS RIVER
2076' - 0" BRIDGE NO. 05064
56' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)



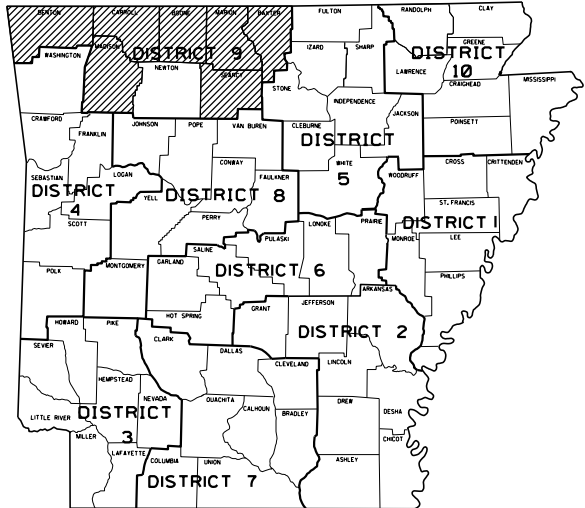
DISTRICT 8
INSET - 2
NOT TO SCALE

SPECIAL DETAILS

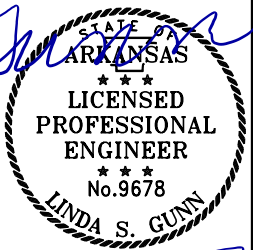
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	30	55
SPECIAL DETAILS						



DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	31	55
SPECIAL DETAILS						



ARKANSAS HIGHWAY DISTRICT 9



4-28-22

36 HWY. 412, SEC. 1
LOG MILE 6.518 BR. END
OVER BUTLER CREEK
167' - 3 1/8" BRIDGE NO. A6475
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

37 HWY. 412, SEC. 1
LOG MILE 7.154 BR. END
OVER BUTLER CREEK
167' - 3 1/8" BRIDGE NO. B6475
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

38 HWY. 412, SEC. 1
LOG MILE 5.494 BR. END
OVER ILLINOIS RIVER
1378' - 6 1/4" BRIDGE NO. A6476
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

39 HWY. 412, SEC. 1
LOG MILE 8.175 BR. END
OVER ILLINOIS RIVER
1378' - 6 1/4" BRIDGE NO. B6476
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

40 HWY. 412, SEC. 1
LOG MILE 4.055 BR. END
OVER PEDRO CREEK
237' - 6" BRIDGE NO. A6477
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

41 HWY. 412, SEC. 1
LOG MILE 9.612 BR. END
OVER PEDRO CREEK
237' - 6" BRIDGE NO. B6477
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

42 HWY. 412, SEC. 1
LOG MILE 2.103 BR. END
OVER ILLINOIS RIVER
1343' - 6 7/16" BRIDGE NO. A6478
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

43 HWY. 412, SEC. 1
LOG MILE 11.589 BR. END
OVER ILLINOIS RIVER
1343' - 6 7/16" BRIDGE NO. B6478
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

44 HWY. 412, SEC. 5
LOG MILE 3.475 BR. END
OVER SITES BRANCH
105' - 0" BRIDGE NO. 06576
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

45 HWY. 412, SEC. 5
LOG MILE 3.810 BR. END
OVER DRY FORK
177' - 1 5/8" BRIDGE NO. 06577
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

46 HWY. 412, SEC. 5
LOG MILE 4.348 BR. END
OVER DRY FORK
105' - 0" BRIDGE NO. 06578
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

47 HWY. 62, SEC. 6
LOG MILE 0.915 BR. END
OVER LONG CREEK
337' - 13/8" BRIDGE NO. 06398
68' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

48 HWY. 62, SEC. 6X
LOG MILE 0.495 BR. END
OVER US 65
272' - 9 5/8" BRIDGE NO. 06683
25' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

49 HWY. 65, SEC. 2
LOG MILE 3.601 BR. END
OVER BRUSH CREEK
117' - 5 5/8" BRIDGE NO. 06586
52' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

50 HWY. 65, SEC. 2
LOG MILE 4.163 BR. END
OVER DRY BRANCH
102' - 5 1/8" BRIDGE NO. 06585
58' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

51 HWY. 65, SEC. 2
LOG MILE 4.641 BR. END
OVER HUZZAH CREEK
117' - 5 5/8" BRIDGE NO. 06584
58' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

52 HWY. 62, SEC. 9
LOG MILE 9.969 BR. END
OVER FALLEN ASH CREEK
274' - 2 1/2" BRIDGE NO. 06058
44' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

53 HWY. 62, SEC. 9
LOG MILE 10.355 BR. END
OVER WHITE RIVER
1382' - 2 3/16" BRIDGE NO. 06059
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

54 HWY. 5, SEC. 18
LOG MILE 18.159 BR. END
OVER US 62/412
186' - 1 5/8" BRIDGE NO. 05930
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

55 HWY. 62, SEC. 11
LOG MILE 8.517 BR. END
OVER NORFOLK LAKE
3460' - 0" BRIDGE NO. 05770
44' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

56 HWY. 101, SEC. 1
LOG MILE 9.045 BR. END
OVER NORFOLK LAKE
2880' - 0" BRIDGE NO. 05769
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

57 HWY. 65, SEC. 6
LOG MILE 6.174 BR. END
OVER COVE CREEK
181' - 0" BRIDGE NO. 07202
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

LEGEND

○ - POLYMER OVERLAY

58 HWY. 16, SEC. 4
LOG MILE 10.529 BR. END
OVER MILL CREEK
165' - 0" BRIDGE NO. 05933
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

59 HWY. 23, SEC. 8
LOG MILE 3.369 BR. END
OVER FLEMING CREEK
242' - 2 1/4" BRIDGE NO. 06512
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

60 HWY. 23, SEC. 8
LOG MILE 4.144 BR. END
OVER WHITE RIVER
327' - 11 3/8" BRIDGE NO. 06370
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

61 HWY. 23, SEC. 8
LOG MILE 12.892 BR. END
OVER WAR EAGLE CREEK
190' - 2 5/8" BRIDGE NO. 06798
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

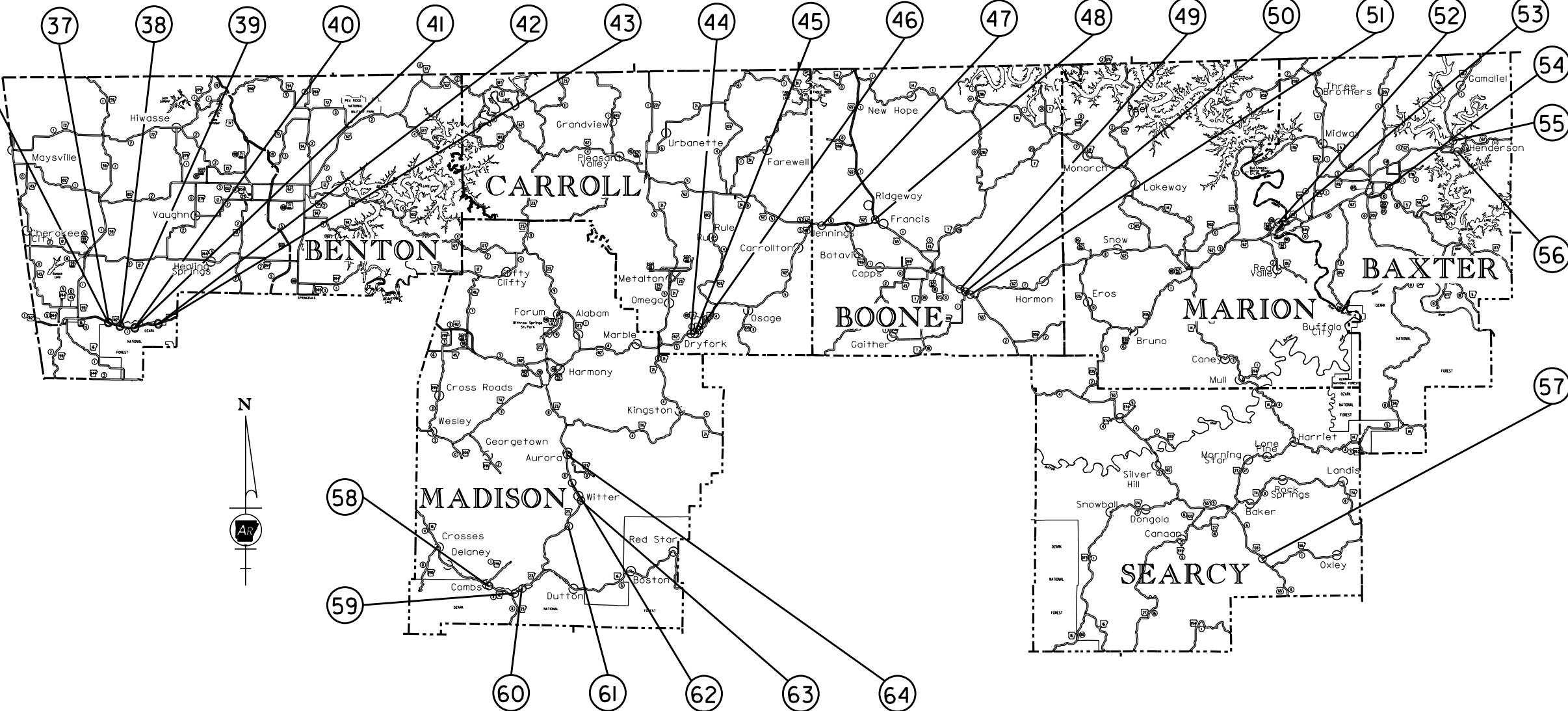
62 HWY. 23, SEC. 8
LOG MILE 15.781 BR. END
OVER KECKS CREEK
149' - 7 3/16" BRIDGE NO. 06407
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

63 HWY. 23, SEC. 8
LOG MILE 17.548 BR. END
OVER SEALS CREEK
116' - 1" BRIDGE NO. 06408
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

64 HWY. 23, SEC. 8
LOG MILE 20.195 BR. END
OVER HENDERSON CREEK
231' - 3 3/16" BRIDGE NO. 06409
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

R34W | R33W | R32W | R31W | R30W | R29W | R28W | R27W | R26W | R25W | R24W | R23W | R22W | R21W | R20W | R19W | R18W | R17W | R16W | R15W | R14W | R13W | R12W | R11W

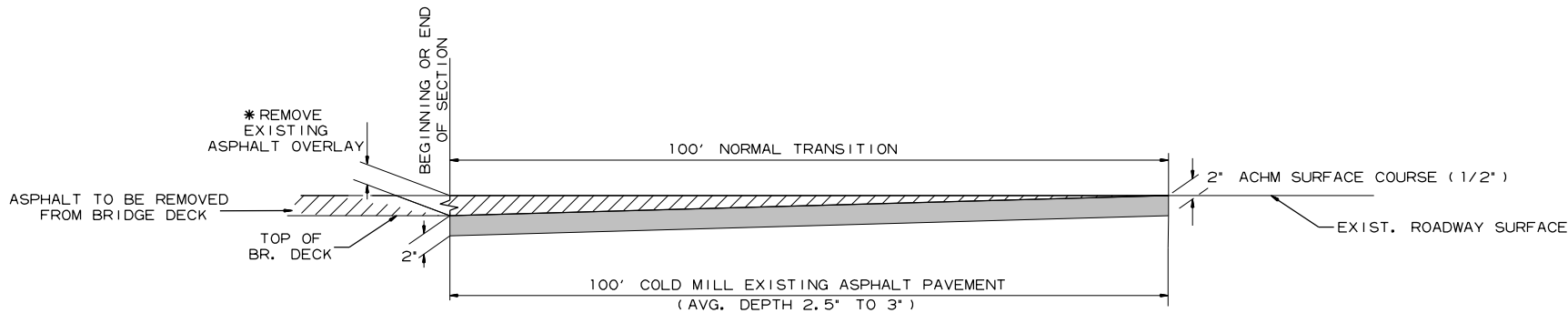
T 21 N
T 20 N
T 19 N
T 18 N
T 17 N
T 16 N
T 15 N
T 14 N
T 13 N



DISTRICT 9
INSET - 3
NOT TO SCALE

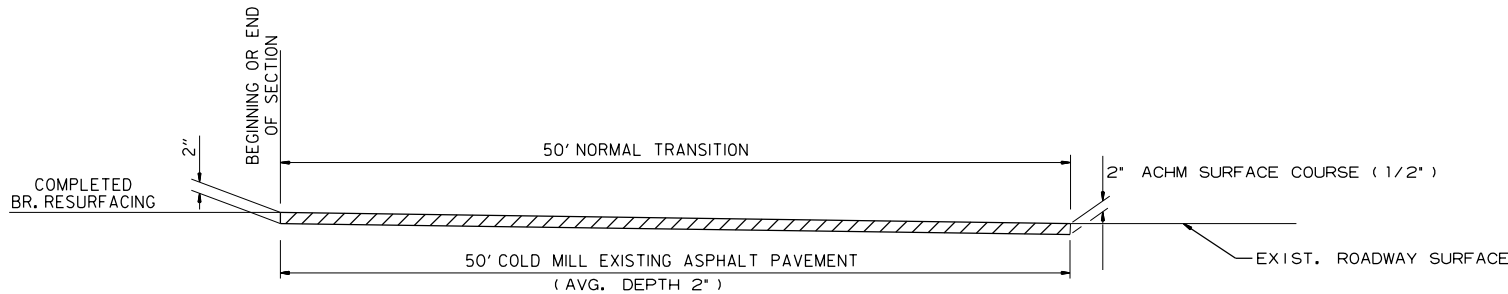
SPECIAL DETAILS

T:\civil\kaypac - 4/28/2022 11:52:22 AM
WORKSPACE: ARDOT
Y:\Projects\AR001-186597-02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.05.SD.002.dgn
REVISED DATE: **REDATE**



DETAIL FOR TRANSITIONS

- NOTE:
- TRANSITION NEEDED ON BR. 32 - 02833 FOR REMOVAL OF ASPHALT OVERLAY ON BRIDGE DECK.

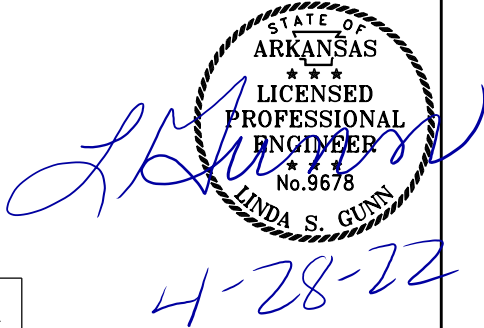


*DETAIL FOR PAVEMENT MILL & INLAY
AT BRIDGE ENDS TO REPAIR
ASPHALT ROADWAY

* IF AND WHERE DIRECTED
BY THE ENGINEER.

- NOTES:
- ACHM SHALL BE PLACED FOR ROADWAY TRANSITIONS AFTER POLYMER OVERLAY HAS BEEN COMPLETED.
 - DIMENSIONS AND QUANTITIES WILL BE FIELD VERIFIED BY THE ENGINEER AND ARE SHOWN FOR ESTIMATING AND BIDDING PURPOSES ONLY. QUANTITIES WILL BE PAID BY ACTUAL MEASUREMENTS TAKEN IN THE FIELD.
 - TRANSITION NEEDED ON BR. 50 - 06585 AND BR. 59 - 06512 FOR BACK WALL REPAIRS.

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	32	55
SPECIAL DETAILS						

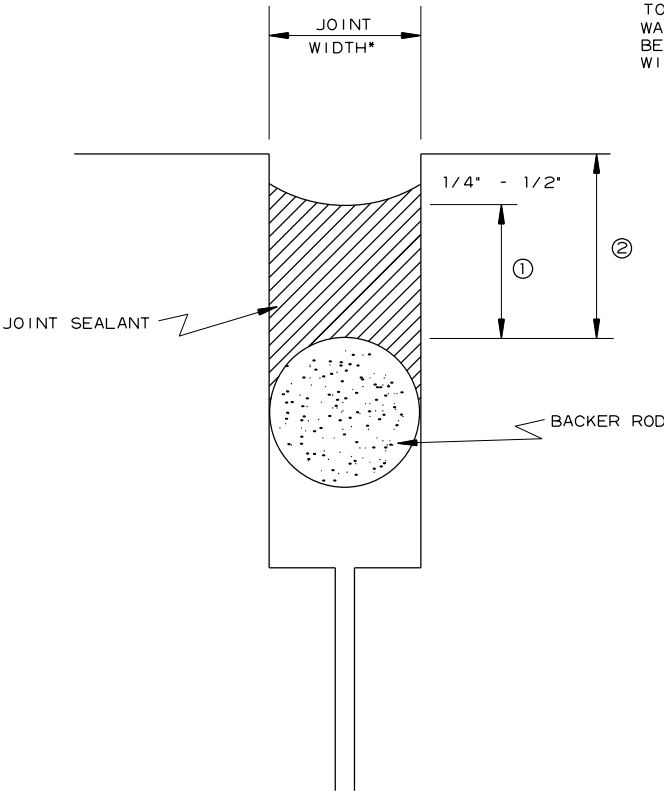


JOINT CONFIGURATION FOR
TYPE 3 & 4 JOINT SEALANT

JOINT WIDTH	SEALANT THICKNESS ①	BACKER ROD DIAMETER	BACKER ROD PLACEMENT DEPTH ②
INCHES			
1/4	1/4	3/8	1/2
3/8	1/4	1/2	1/2
1/2	1/4	5/8	1/2
5/8	5/16	3/4	9/16
3/4	3/8	7/8	7/8
4/8	7/16	1	11/16
1	1/2	1 1/4	3/4
1 TO 1 1/2	1/2	1 1/4 *	3/4

NOTE: JOINTS GREATER THAN 1 1/2" IN
WIDTH SHALL BE SEALED WITH
TYPE 5 JOINT SEALANT.

* CONTRACTION JOINTS SHALL BE SAWS
TO MIN. WIDTH OF 3/8".
WARPING & LONGITUDINAL JOINTS SHALL
BE SAWS TO MIN. WIDTH OF EXISTING
WIDTH + 1/8" (1/16" ON EACH SIDE).

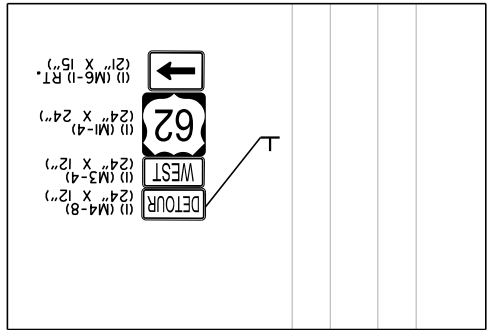
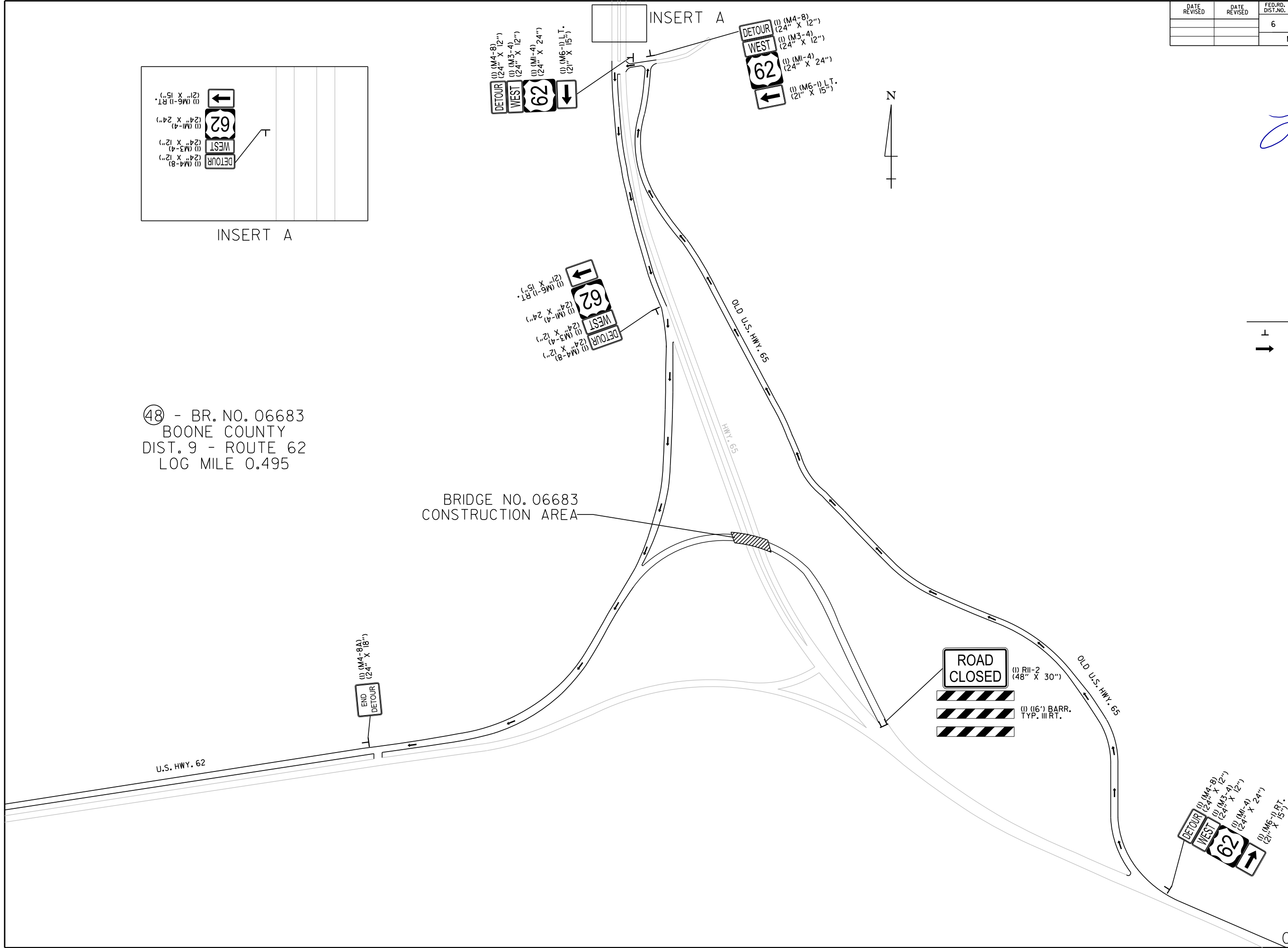


DETAILS OF TYPE A OR TYPE B
JOINT REHABILITATION

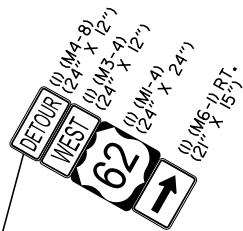
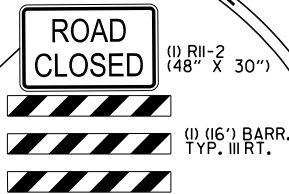
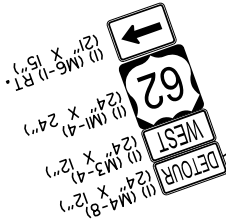
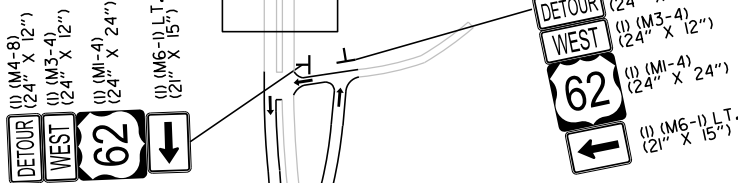
T:\GIS\Kympec - 4/28/2022 11:56:23 AM
WORKSPACE: ARDOT
Y:\Projects\ARDOT\186597.012408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\1802408.06.MOT.001.dgn
REVISED DATE: **REDATE**

④8 - BR. NO. 06683
BOONE COUNTY
DIST. 9 - ROUTE 62
LOG MILE 0.495

BRIDGE NO. 06683
CONSTRUCTION AREA



INSERT A



DETOUR FOR
RAMP CLOSURE:
④8 - BR. NO. 06683
MAINTENANCE
OF TRAFFIC DETAILS

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	33	55
MAINTENANCE OF TRAFFIC DETAILS						

STATE OF
ARKANSAS

LICENSED
PROFESSIONAL
ENGINEER

No. 9678
LINDA S. GUNN
4-28-22

LEGEND

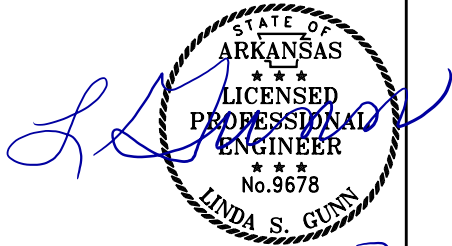
- TEMPORARY TRAFFIC SIGN
- TRAFFIC FLOW ARROWS

T:\civil\kaymac\4/28/2022 11:56:24 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001-06597-02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.06.MOT-002.dgn
REVISED DATE: **REDATE**

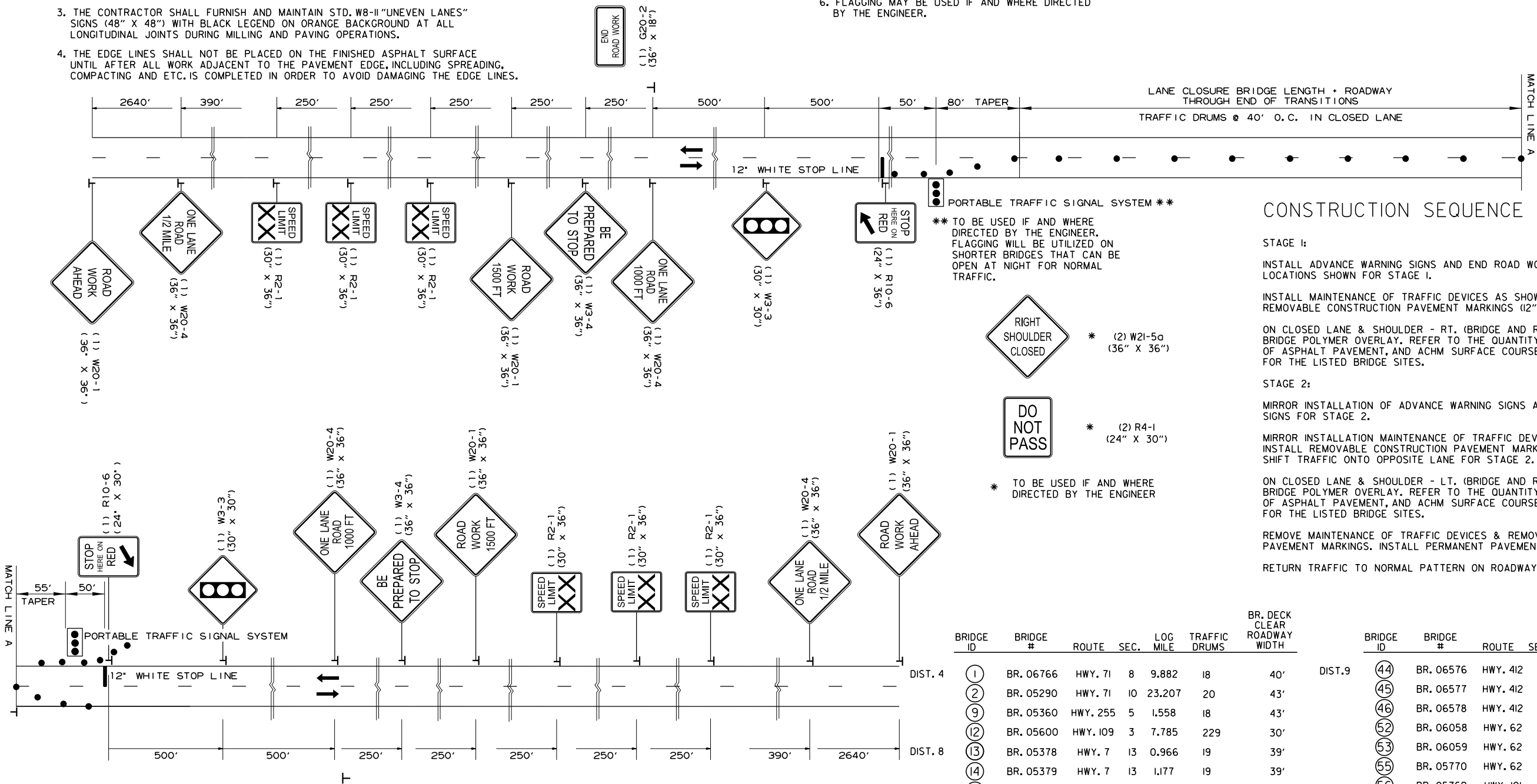
- MAINTENANCE OF TRAFFIC NOTES:
1. THE CONTRACTOR SHALL PROVIDE 2-WAY RADIO COMMUNICATION FOR FLAG PERSON FOR CONSTRUCTION UNDER TRAFFIC.
 2. THE CONTRACTOR SHALL FURNISH AND MAINTAIN STD. W8-I "BUMP" SIGNS (30" X 30") WITH BLACK LEGEND ON ORANGE BACKGROUND AT ALL TRANSVERSE JOINTS EXPOSED TO TRAFFIC.
 3. THE CONTRACTOR SHALL FURNISH AND MAINTAIN STD. W8-II "UNEVEN LANES" SIGNS (48" X 48") WITH BLACK LEGEND ON ORANGE BACKGROUND AT ALL LONGITUDINAL JOINTS DURING MILLING AND PAVING OPERATIONS.
 4. THE EDGE LINES SHALL NOT BE PLACED ON THE FINISHED ASPHALT SURFACE UNTIL AFTER ALL WORK ADJACENT TO THE PAVEMENT EDGE, INCLUDING SPREADING, COMPACTING AND ETC. IS COMPLETED IN ORDER TO AVOID DAMAGING THE EDGE LINES.

- MAINTENANCE OF TRAFFIC NOTES (CONT.):
5. VERTICAL PANELS MAY BE SUBSTITUTED FOR TRAFFIC DRUMS ON THE BRIDGE DECK IF AND WHERE DIRECTED BY THE ENGINEER WHEN ACTIVE WORK IS ONGOING.
 6. FLAGGING MAY 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.	012408	34	55
MAINTENANCE OF TRAFFIC DETAILS						



4-28-22



CONSTRUCTION SEQUENCE

STAGE 1:

INSTALL ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN FOR STAGE 1.

INSTALL MAINTENANCE OF TRAFFIC DEVICES AS SHOWN IN STAGE 1 AND REMOVABLE CONSTRUCTION PAVEMENT MARKINGS (12" WH. STOP LINES).

ON CLOSED LANE & SHOULDER - RT. (BRIDGE AND ROADWAY): CONSTRUCT BRIDGE POLYMER OVERLAY. REFER TO THE QUANTITY SHEETS COLD MILLING OF ASPHALT PAVEMENT, AND ACHM SURFACE COURSE TRANSITIONS FOR THE LISTED BRIDGE SITES.

STAGE 2:

MIRROR INSTALLATION OF ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS FOR STAGE 2.

MIRROR INSTALLATION MAINTENANCE OF TRAFFIC DEVICES FOR STAGE 2 AND INSTALL REMOVABLE CONSTRUCTION PAVEMENT MARKINGS (12" WH. STOP LINES). SHIFT TRAFFIC ONTO OPPOSITE LANE FOR STAGE 2.

ON CLOSED LANE & SHOULDER - LT. (BRIDGE AND ROADWAY): CONSTRUCT BRIDGE POLYMER OVERLAY. REFER TO THE QUANTITY SHEETS COLD MILLING OF ASPHALT PAVEMENT, AND ACHM SURFACE COURSE TRANSITIONS FOR THE LISTED BRIDGE SITES.

REMOVE MAINTENANCE OF TRAFFIC DEVICES & REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. INSTALL PERMANENT PAVEMENT MARKINGS.

RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY.

BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS	BR. DECK CLEAR ROADWAY WIDTH		BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS	BR. DECK CLEAR ROADWAY WIDTH
①	BR. 06766	HWY. 71	8	9.882	18	40'	DIST.9	④4	BR. 06576	HWY. 412	5	3.475	18	40'
②	BR. 05290	HWY. 71	10	23.207	20	43'		④5	BR. 06577	HWY. 412	5	3.810	20	40'
⑨	BR. 05360	HWY. 255	5	1.558	18	43'		④6	BR. 06578	HWY. 412	5	4.348	18	40'
⑫	BR. 05600	HWY. 109	3	7.785	229	30'		⑤2	BR. 06058	HWY. 62	9	9.969	22	44'
⑬	BR. 05378	HWY. 7	13	0.966	19	39'		⑤3	BR. 06059	HWY. 62	9	10.355	50	44'
⑭	BR. 05379	HWY. 7	13	1.177	19	39'		⑤5	BR. 05770	HWY. 62	11	8.517	102	44'
⑮	BR. 06487	HWY. 7	13	3.424	25	40'		⑤6	BR. 05769	HWY. 101	1	9.045	87	32'
⑯	BR. 06595	HWY. 7	13	6.293	18	40'		⑤7	BR. 07202	HWY. 65	6	6.174	20	40'
⑲	BR. 05050	HWY. 9	7	5.230	63	28'		⑤8	BR. 05933	HWY. 16	4	10.529	20	32'
⑳	BR. 05586	HWY. 95	1	7.854	22	39'		⑤9	BR. 06512	HWY. 23	8	3.369	24	36'
㉑	BR. 06631	HWY. 64	7	22.403	24	32'	⑥0	BR. 06370	HWY. 23	8	4.144	24	36'	
㉔	BR. 05143	HWY. 89	4	10.040	20	*** 24'	⑥1	BR. 06798	HWY. 23	8	12.892	20	36'	
㉕	BR. 06182	HWY. 270	4	2.322	20	44'	⑥2	BR. 06407	HWY. 23	8	15.781	19	36'	
㉖	BR. 06183	HWY. 270	4	2.682	17	44'	⑥3	BR. 06408	HWY. 23	8	17.548	18	36'	
㉗	BR. 06184	HWY. 270	4	5.967	19	44'	⑥4	BR. 06409	HWY. 23	8	20.195	21	36'	
㉘	BR. 06185	HWY. 270	4	7.057	19	44'								
㉙	BR. 02833	HWY. 270	4	10.241	22	*** 26'								
㉚	BR. 06676	HWY. 10	4	15.132	18	32'	*** VERTICAL PANELS CAN BE SUBSTITUTED FOR TRAFFIC DRUMS ON BRIDGES 28' - 0" OR LESS IF AND WHERE							
㉛	BR. 06677	HWY. 10	4	16.328	18	32'								

ADVANCE
(2 LANE R

*** VERTICAL PANELS CAN BE SUBSTITUTED FOR TRAFFIC DRUMS ON BRIDGES 28' - 0" OR LESS IF AND WHERE DIRECTED BY THE ENGINEER.

ADVANCE WARNING
(2 LANE ROADWAY)
MAINTENANCE OF
TRAFFIC DETAILS

LEGEND

- TRAFFIC DRUM
- T TEMPORARY TRAFFIC SIGN
- TRAFFIC FLOW ARROWS

NOTE:
A QUANTITY OF "FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER" AND "RELOCATING PRECAST CONCRETE BARRIER" HAVE BEEN PROVIDED IN THE PLANS FOR THE ITEM "MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 06585)". PLACEMENT WILL BE IF AND WHERE DIRECTED BY THE ENGINEER AS LONG AS THERE IS A LANE OF TRAFFIC OPEN IN EACH TRAVEL DIRECTION.

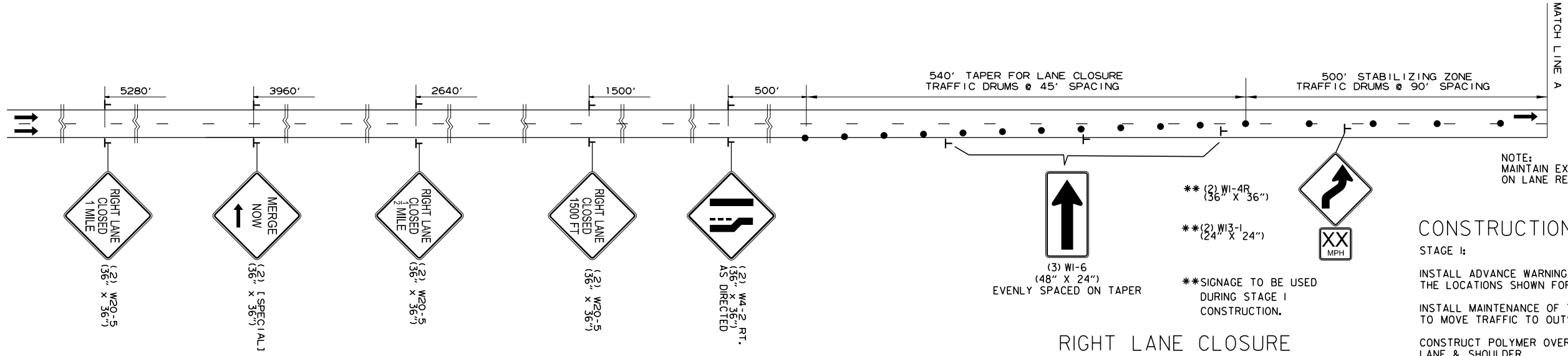
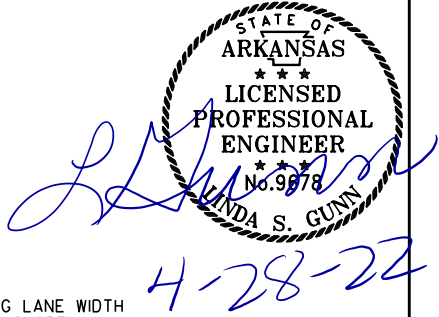
"RELOCATING PRECAST CONCRETE BARRIER" QUANTITIES HAVE BEEN PROVIDED FOR STAGES 1 & 2 FOR "MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 05290) & (BRIDGE NO. 06512)".

REFER TO STANDARD DRAWINGS FOR ADDITIONAL DETAILS FOR MAINTENANCE OF TRAFFIC.

SPECIAL END TREATMENTS SHALL BE INCLUDED IN THE PRICE BID FOR "FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER".

LANE CLOSURE WITH PORTABLE TRAFFIC
SIGNAL SYSTEM OR FLAGGING WITH
TRAFFIC DRUMS FOR POLYMER OVERLAY
(VAR. CLEAR ROADWAY ON THE BRIDGE DECKS)

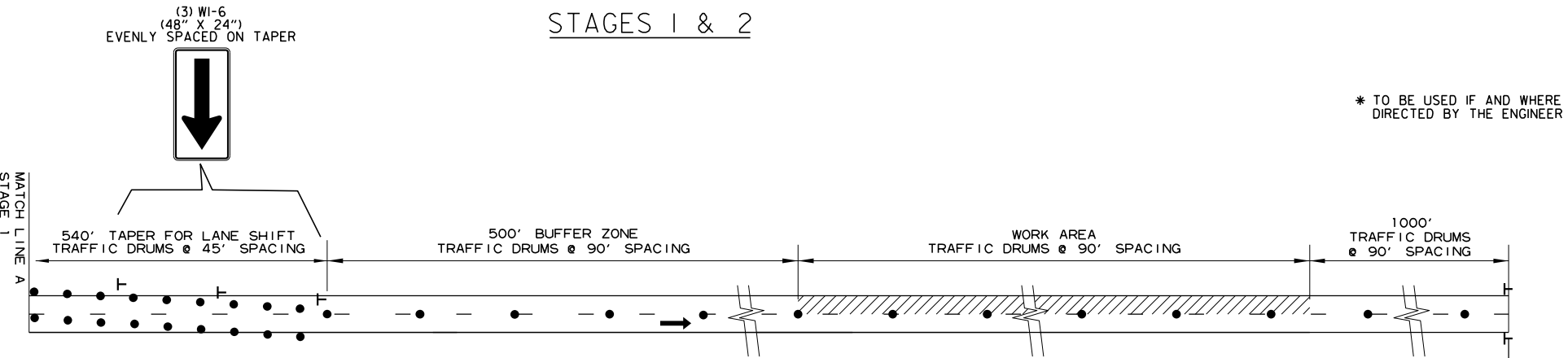
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	35	55
MAINTENANCE OF TRAFFIC DETAILS						



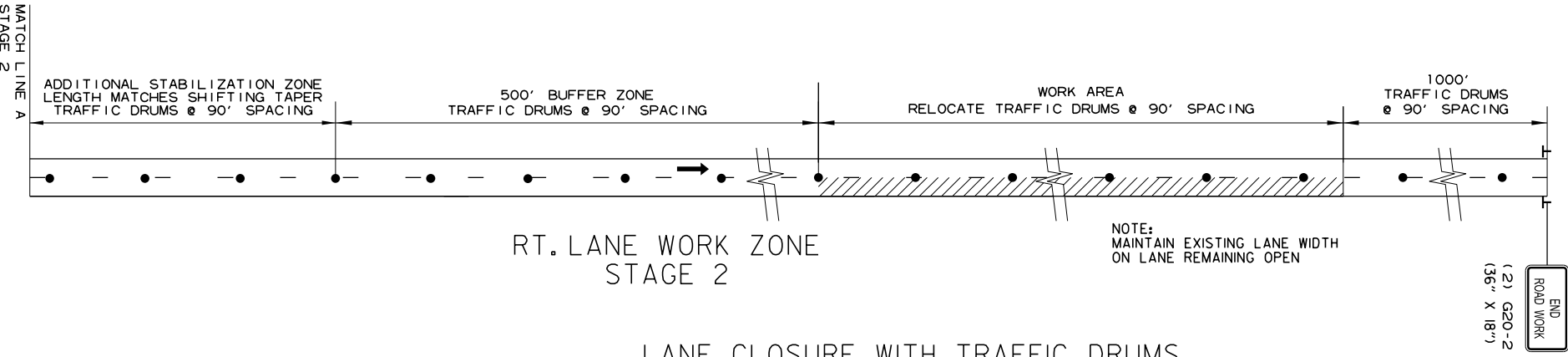
CONSTRUCTION SEQUENCE

- STAGE 1:
- INSTALL ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN FOR STAGE 1.
 - INSTALL MAINTENANCE OF TRAFFIC DEVICES AS SHOWN IN STAGE 1 TO MOVE TRAFFIC TO OUTSIDE TRAVEL LANE & SHOULDER.
 - CONSTRUCT POLYMER OVERLAY ON BRIDGE FOR INSIDE TRAVEL LANE & SHOULDER.
- STAGE 2:
- RETAIN ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN ON THE STAGE 2 ADVANCE WARNING DETAILS.
 - INSTALL STAGE 2 MAINTENANCE OF TRAFFIC DEVICES AND REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. SHIFT TRAFFIC TO INSIDE LANES.
 - CONSTRUCT POLYMER OVERLAY ON BRIDGE FOR OUTSIDE TRAVEL LANE AND SHOULDER.
 - RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY. INSTALL PERMANENT PAVEMENT MARKINGS UNDER TRAFFIC.

RIGHT LANE CLOSURE
(IN DIRECTION OF TRAFFIC)
STAGE 2



LT. LANE WORK ZONE
STAGE 1



RT. LANE WORK ZONE
STAGE 2

LEGEND

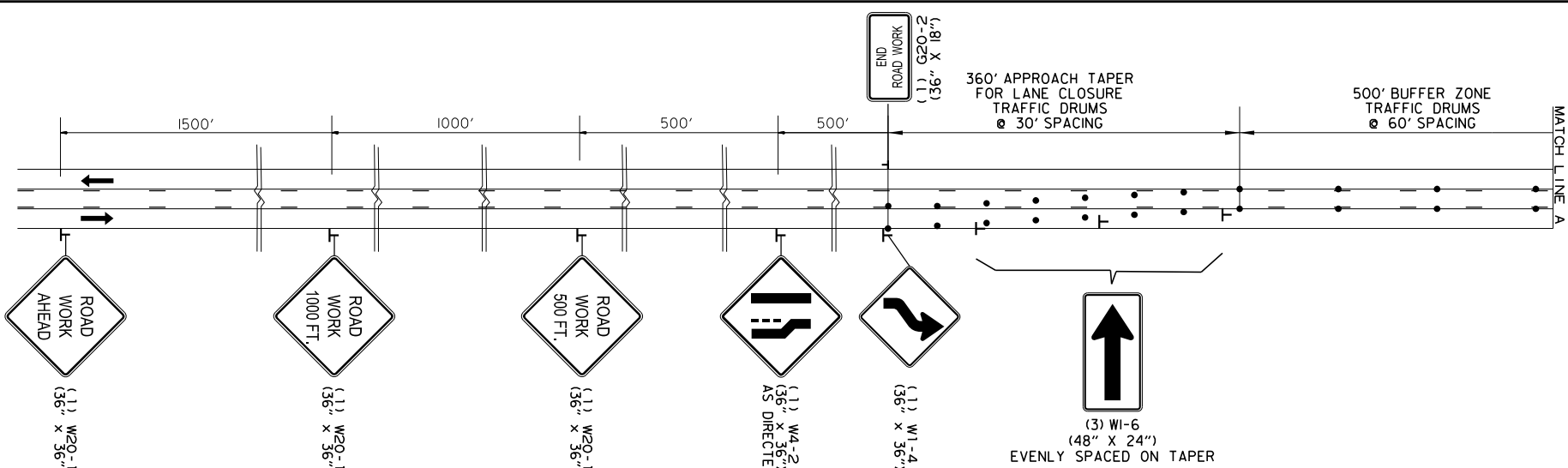
●	TRAFFIC DRUM
+	TEMPORARY TRAFFIC SIGN
→	TRAFFIC FLOW ARROWS

LANE CLOSURE WITH TRAFFIC DRUMS
FOR POLYMER OVERLAY BRIDGES
4 LANE GRASS MEDIAN DIVIDED HIGHWAY
(VAR. CLEAR ROADWAY WIDTHS ON THE BRIDGE DECKS)

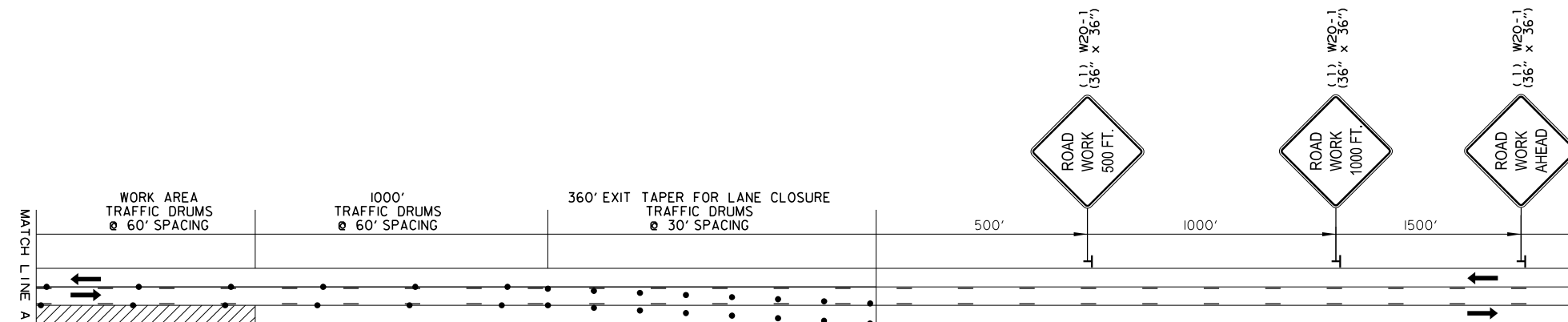
	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS	BR. DECK CLEAR RDWY. WIDTH
DIST. 4	③	BR. B5I92	HWY. 7I	I3	8.823	60	38'
	④	BR. B5I93	HWY. 7I	I3	9.795	60	38'
	⑤	BR. B5I94	HWY. 7I	I4	0.254	60	38'
	⑥	BR. 06206	HWY. 7I	I4	4.45I	6I	40'
	⑩	BR. B2280	HWY. 64	2	7.323	64	40'
DIST.9	③⑥	BR. A6475	HWY. 4I2	I	6.5I8	6I	40'
	③7	BR. B6475	HWY. 4I2	I	7.I54	6I	40'
	③8	BR. A6476	HWY. 4I2	I	5.494	74	40'
	③9	BR. B6476	HWY. 4I2	I	8.I75	74	40'
	④0	BR. A6477	HWY. 4I2	I	4.055	6I	40'
	④I	BR. B6477	HWY. 4I2	I	9.6I2	6I	40'
	④2	BR. A6478	HWY. 4I2	I	2.I03	73	40'
	④3	BR. B6478	HWY. 4I2	I	II.589	74	40'

ADVANCE WARNING
(4 LANE GRASS MEDIAN DIVIDED HIGHWAY)
MAINTENANCE
OF TRAFFIC DETAILS

T:\civil\kaymac - 4/28/2022 11:52:26 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001-186597-012408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\012408.06.MOT-004.dgn
REVISED DATE: **REDATE**

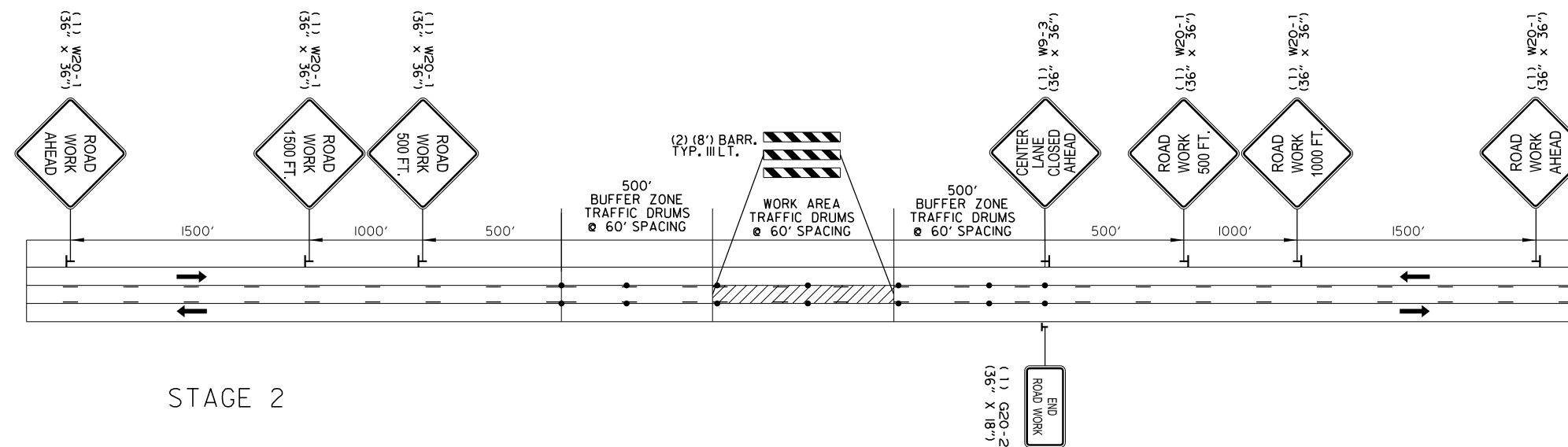


STAGE 1 & 3 *



STAGE 1 & 3 *

* MIRROR LAYOUT FOR STAGE 3



STAGE 2

LANE CLOSURE WITH TRAFFIC DRUMS
FOR POLYMER OVERLAY
2 LANE W/ MEDIAN TURN LANE BRIDGES
(VAR. CLEAR ROADWAY ON THE BRIDGE DECKS)

LEGEND

TRAFFIC DRUM
TEMPORARY TRAFFIC SIGN
TRAFFIC FLOW ARROWS

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	36	55
MAINTENANCE OF TRAFFIC DETAILS						

STATE OF
ARKANSAS

LICENSED
PROFESSIONAL
ENGINEER
No. 9678
LINDA S. GUNN
4-28-22

	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS	BR. DECK CLEAR ROADWAY WIDTH
DIST. 8	(22)	BR. 07055	HWY. 25	0	0.158	38	52'
DIST. 9	(54)	BR. 05930	HWY. 5	18	18.159	36	40'

CONSTRUCTION SEQUENCE

STAGE 1:

INSTALL ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN FOR STAGE 1.

INSTALL MAINTENANCE OF TRAFFIC DEVICES AS SHOWN IN STAGE 1 TO MOVE TRAFFIC TO OUTSIDE TRAVEL LANES & SHOULDERS.

CONSTRUCT POLYMER OVERLAY ON BRIDGE FOR INSIDE TRAVEL LANES.

STAGE 2:

RETAIN ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN ON THE STAGE 2 ADVANCE WARNING DETAILS.

INSTALL STAGE 2 MAINTENANCE OF TRAFFIC DEVICES AND REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. SHIFT TRAFFIC TO INSIDE LANES.

CONSTRUCT POLYMER OVERLAY ON BRIDGE FOR OUTSIDE TRAVEL LANES.

RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY. INSTALL PERMANENT PAVEMENT MARKINGS UNDER TRAFFIC.

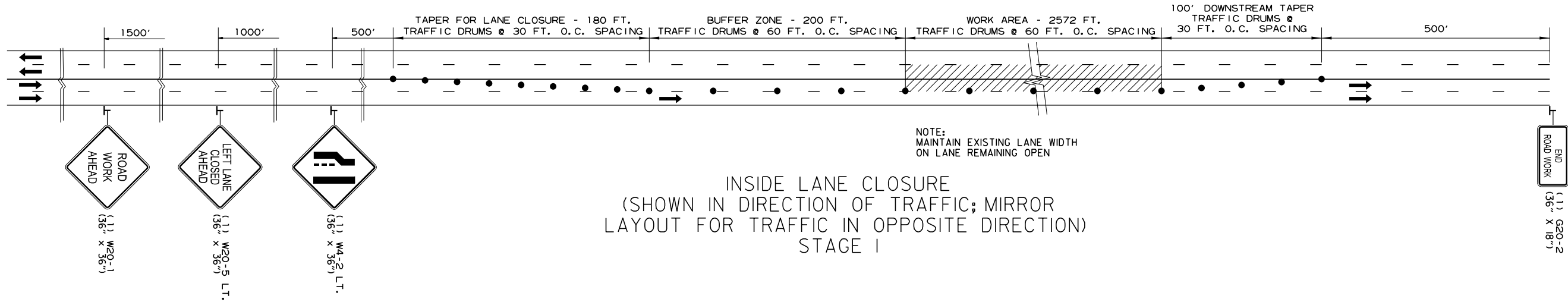
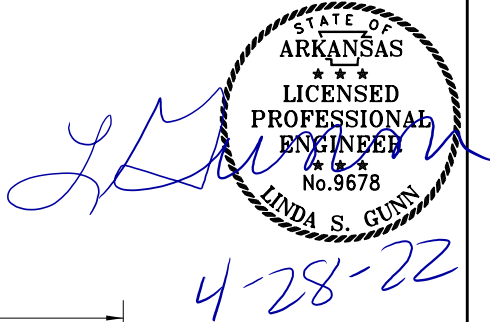
ADVANCE WARNING -
(2 LANE W/ MEDIAN TURN LANE)
MAINTENANCE OF TRAFFIC DETAILS

T:\civil\keymap\4/28/2022 11:52:27 AM
WORKSPACE: ARDOT
Y:\Projects\AR001-186597-02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.06.MOT_005.dgn
REVISED DATE: **REDATE**

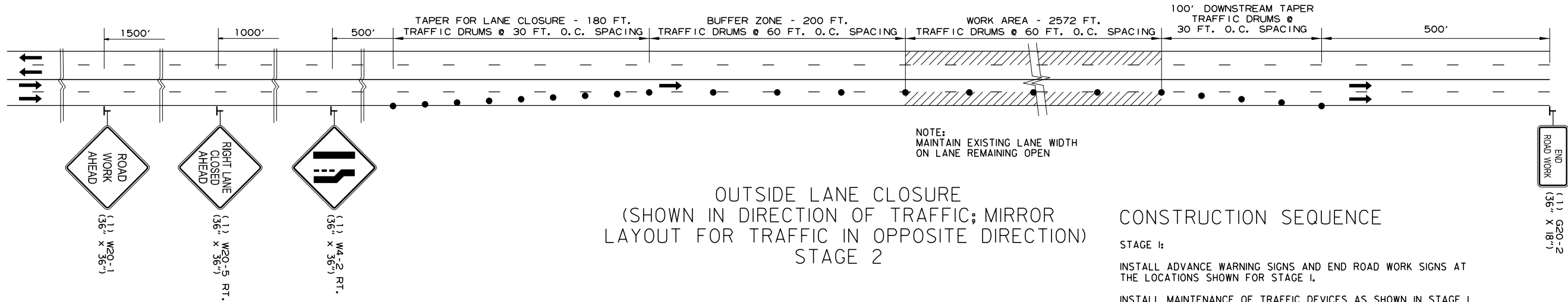
LEGEND

- TRAFFIC DRUM
- ⊥ TEMPORARY TRAFFIC SIGN
- TRAFFIC FLOW ARROWS
- PRECAST CONCRETE BARRIER

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	37	55
MAINTENANCE OF TRAFFIC DETAILS						



INSIDE LANE CLOSURE
(SHOWN IN DIRECTION OF TRAFFIC; MIRROR
LAYOUT FOR TRAFFIC IN OPPOSITE DIRECTION)
STAGE 1



OUTSIDE LANE CLOSURE
(SHOWN IN DIRECTION OF TRAFFIC; MIRROR
LAYOUT FOR TRAFFIC IN OPPOSITE DIRECTION)
STAGE 2

CONSTRUCTION SEQUENCE

- STAGE 1:
- INSTALL ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN FOR STAGE 1.
 - INSTALL MAINTENANCE OF TRAFFIC DEVICES AS SHOWN IN STAGE 1 TO MOVE TRAFFIC TO OUTSIDE TRAVEL LANES & SHOULDERS.
 - CONSTRUCT POLYMER OVERLAY ON BRIDGE FOR INSIDE TRAVEL LANES.
- STAGE 2:
- RETAIN ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN ON THE STAGE 2 ADVANCE WARNING DETAILS.
 - INSTALL STAGE 2 MAINTENANCE OF TRAFFIC DEVICES AND REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. SHIFT TRAFFIC TO INSIDE LANES.
 - CONSTRUCT POLYMER OVERLAY ON BRIDGE FOR OUTSIDE TRAVEL LANES.
 - RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY. INSTALL PERMANENT PAVEMENT MARKINGS UNDER TRAFFIC.

BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS	BR. DECK CLEAR ROADWAY WIDTH
DIST. 8 (35)	BR. 05064	HWY. 7	13	15.503	84	56'

LANE CLOSURE WITH TRAFFIC DRUMS
FOR POLYMER OVERLAY
4 LANE W/ CONCRETE BARRIER MEDIAN BRIDGE
(56' CLEAR ROADWAY WIDTH ON DECK)

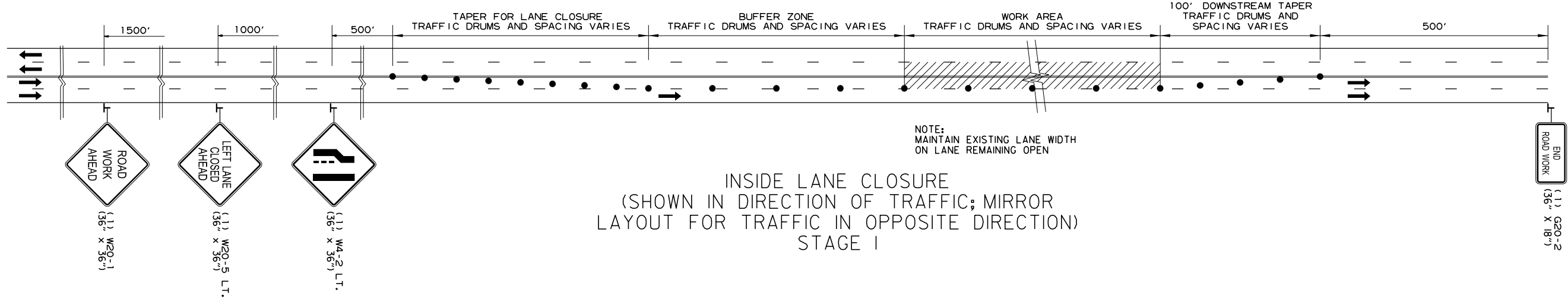
ADVANCE WARNING
(4 LANE HIGHWAY
W/ CONCRETE BARRIER)
MAINTENANCE
OF TRAFFIC DETAILS

T:\civil\kaypac - 4/28/2022 11:52:28 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001-06597-02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.06.MOT_006.dgn
REVISED DATE: **REDATE**

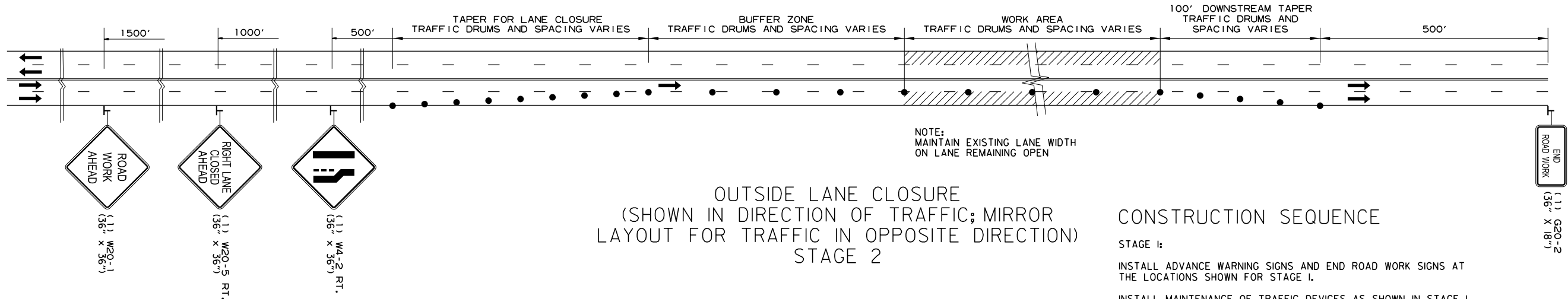
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	38	55
MAINTENANCE OF TRAFFIC DETAILS						



4-28-22



INSIDE LANE CLOSURE
(SHOWN IN DIRECTION OF TRAFFIC; MIRROR
LAYOUT FOR TRAFFIC IN OPPOSITE DIRECTION)
STAGE 1



OUTSIDE LANE CLOSURE
(SHOWN IN DIRECTION OF TRAFFIC; MIRROR
LAYOUT FOR TRAFFIC IN OPPOSITE DIRECTION)
STAGE 2

CONSTRUCTION SEQUENCE

- STAGE 1:
- INSTALL ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN FOR STAGE 1.
 - INSTALL MAINTENANCE OF TRAFFIC DEVICES AS SHOWN IN STAGE 1 TO MOVE TRAFFIC TO OUTSIDE TRAVEL LANES & SHOULDERS.
 - CONSTRUCT POLYMER OVERLAY ON BRIDGE FOR INSIDE TRAVEL LANES.
- STAGE 2:
- RETAIN ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN ON THE STAGE 2 ADVANCE WARNING DETAILS.
 - INSTALL STAGE 2 MAINTENANCE OF TRAFFIC DEVICES AND REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. SHIFT TRAFFIC TO INSIDE LANES.
 - CONSTRUCT POLYMER OVERLAY ON BRIDGE FOR OUTSIDE TRAVEL LANES.
 - RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY. INSTALL PERMANENT PAVEMENT MARKINGS UNDER TRAFFIC.

	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TAPER LENGTH	BUFFER ZONE LENGTH	TRAFFIC DRUMS	BR. DECK CLEAR ROADWAY WIDTH
DIST. 4	(8)	BR. 05662	HWY. 255	4	3.029	165' @ 30' O.C.	200' @ 60' O.C.	22	44'
	(11)	BR. 06732	HWY. 62	1	17.138	125' @ 25' O.C.	155' @ 50' O.C.	32	70'
DIST. 8	(23)	BR. 06745	HWY. 65	9	2.084	245' @ 35' O.C.	250' @ 70' O.C.	31	70'
	(24)	BR. 06628	HWY. 65	9	4.900	600' @ 50' O.C.	425' @ 100' O.C.	43	70'
DIST. 9	(47)	BR. 06398	HWY. 62	6	0.915	540' @ 45' O.C.	360' @ 90' O.C.	40	68'

NOTE:
BR. NO. 8 - 05662 IS A FOUR LANE ROADWAY
AND HAS A ZERO WIDTH MEDIAN.

LANE CLOSURE WITH TRAFFIC DRUMS
FOR POLYMER OVERLAY
4 LANE W/ PAINTED MEDIAN BRIDGES
(VAR. CLEAR ROADWAY WIDTHS ON BRIDGE DECKS)

ADVANCE WARNING
(4 LANE HIGHWAY
W/ PAINTED MEDIAN)
MAINTENANCE
OF TRAFFIC DETAILS

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	39	55
		MAINTENANCE OF TRAFFIC DETAILS				

4-28-22

● TRAFFIC DRUM
 ⊥ TEMPORARY TRAFFIC SIGN
 ➡ TRAFFIC FLOW ARROWS

CONSTRUCTION SEQUENCE

INSTALL ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN FOR STAGE I.

INSTALL MAINTENANCE OF TRAFFIC DEVICES AS SHOWN IN STAGE 1
TO MOVE TRAFFIC TO OUTSIDE TRAVEL LANES & SHOULDERS.

CONSTRUCT POLYMER OVERLAY ON BRIDGE AND ROADWAY TRANSITION
FOR INSIDE TRAVEL LANES & TURN LANE. REFER TO THE QUANTITY SHEETS
FOR COLD MILLING OF ASPHALT PAVEMENT, AND ACHM SURFACE COURSE
TRANSITIONS FOR THE LISTED BRIDGE SITES.

STAGE 2:

RETAIN ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN ON THE STAGE 2 ADVANCE WARNING DETAILS.

INSTALL STAGE 2 MAINTENANCE OF TRAFFIC DEVICES AND REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. SHIFT TRAFFIC TO INSIDE LANES.

CONSTRUCT POLYMER OVERLAY ON BRIDGE AND ROADWAY TRANSITIONS
FOR OUTSIDE TRAVEL LANES. REFER TO THE QUANTITY SHEETS COLD MILLING
OF ASPHALT PAVEMENT, AND ACHM SURFACE COURSE TRANSITIONS FOR THE
LISTED BRIDGE SITES.

RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY. INSTALL PERMANENT PAVEMENT MARKINGS UNDER TRAFFIC.

NOTE:
A QUANTITY OF "FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER WALL" AND "RELOCATING PRECAST CONCRETE BARRIER WALL" HAS BEEN PROVIDED IN THE PLANS FOR THE ITEM "MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE 50 - 06585)". PLACEMENT WILL BE IF AND WHERE DIRECTED BY THE ENGINEER AS LONG AS THERE IS ONE LANE OF TRAFFIC IN EACH DIRECTION OPEN. THE QUANTITIES WILL PROVIDE LANE CLOSURES IN BOTH TRAVEL DIRECTIONS.

REFER TO STANDARD DRAWINGS TC-3, TC-4 AND TC-5, AND ALLOW 375' FOR THE TANGENT WORK SECTION. THIS BRIDGE IS TO BE A PRIORITY, BECAUSE THE PRECAST CONCRETE BARRIER WALL WILL BE RELOCATED TO BR. 2 - 05290 IN DISTRICT 4 AND BR. 59 - 06512 IN DISTRICT 4.

SPECIAL END TREATMENTS SHALL BE INCLUDED IN THE PRICE BID FOR "FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER WALL".

	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS	BR. DECK CLEAR ROADWAY WIDTH
DIST. 4	(7)	BR. 07154	HWY. 22	1	13.088	48	75'
DIST. 8	(17)	BR. A2680	HWY. 7	14	1.447	50	68'
	(18)	BR. 07014	HWY. 124	1	0.845	46	76'
	(25)	BR. 06300	HWY. 64	9	1.364	44	58'
	(26)	BR. 06301	HWY. 64	9	2.306	44	58'
DIST. 9	(49)	BR. 06586	HWY. 65	2	3.601	44	52'
	(50)	BR. 06585	HWY. 65	2	4.163	44	58'
	(51)	BR. 06584	HWY. 65	2	4.641	44	58'

LANE CLOSURE WITH TRAFFIC DRUMS
FOR POLYMER OVERLAY
4 LANE W/ MEDIAN TURN LANE BRIDGES
(VAR. CLEAR ROADWAY WIDTHS ON BRIDGE DECKS)

Travis Keymer 4/28/2022 11:16:28 AM
WORKSPACE: AR001
T:\Projects\AR001\86597_012408_Bridge Preservation\Design\Civil - Bridge Only Drawings\012408_06_MOT_007.dgn
REVISED DATE: \$\$\$REDATE\$\$\$

STAGES 1 & 2

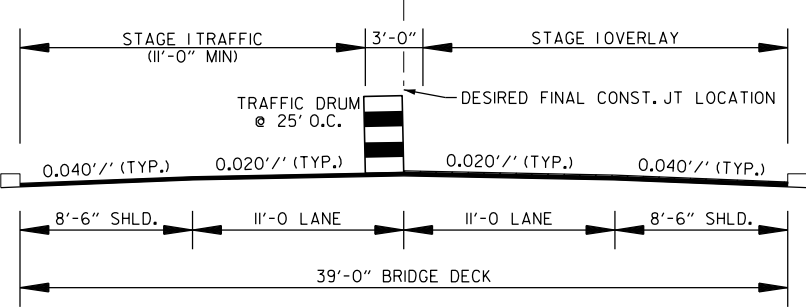
RIGHT LANE CLOSURE
(IN DIRECTION OF TRAFFIC)
STAGE 2

DIVERSION FOR LT. LANE WORK ZONE STAGE I

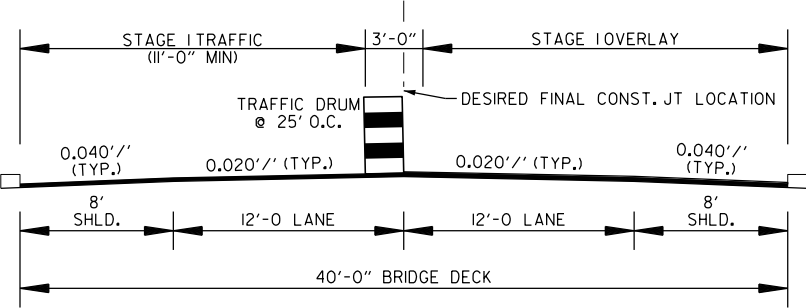
DIVERSION FOR RT. LANE WORK ZONE STAGE 2

* TO BE USED IF AND WHERE
DIRECTED BY THE ENGINEER

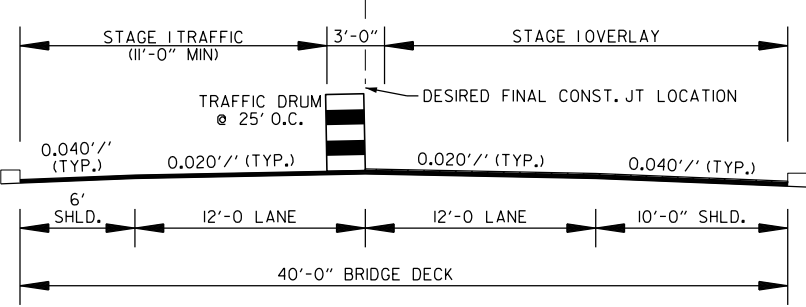
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	40	55
MAINTENANCE OF TRAFFIC DETAILS						



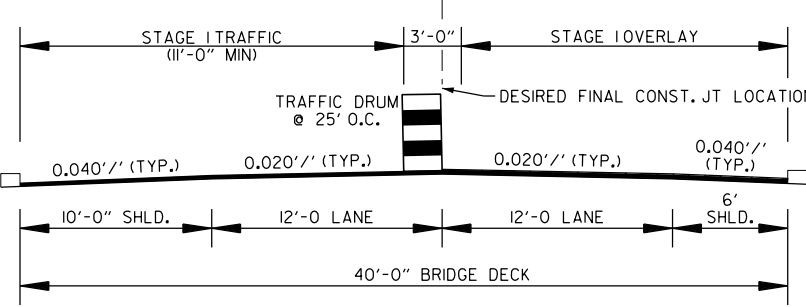
2 LANE BRIDGE



2 LANE BRIDGE

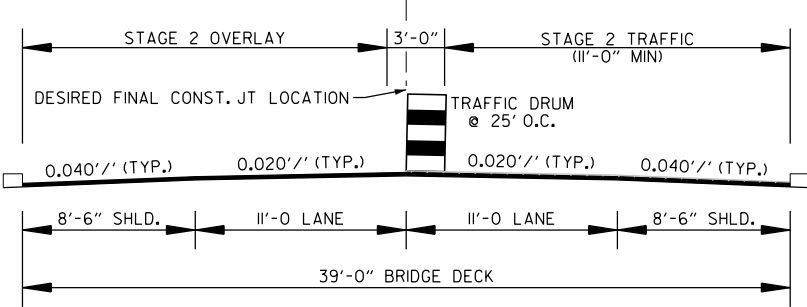


2 LANE BRIDGE

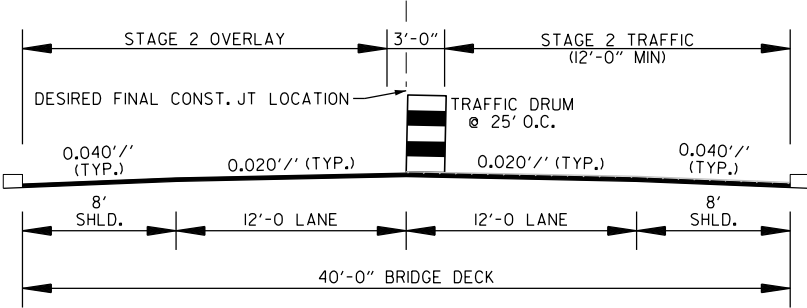


2 LANE BRIDGE

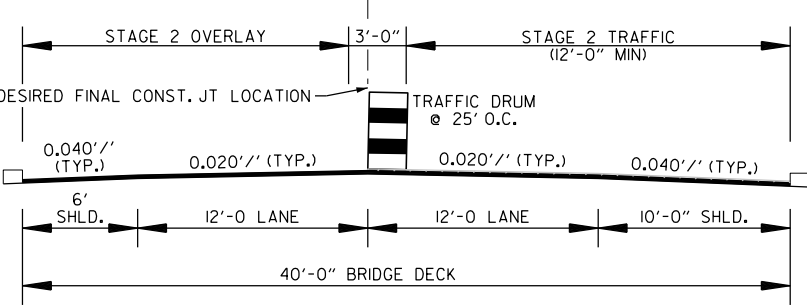
STAGE 1



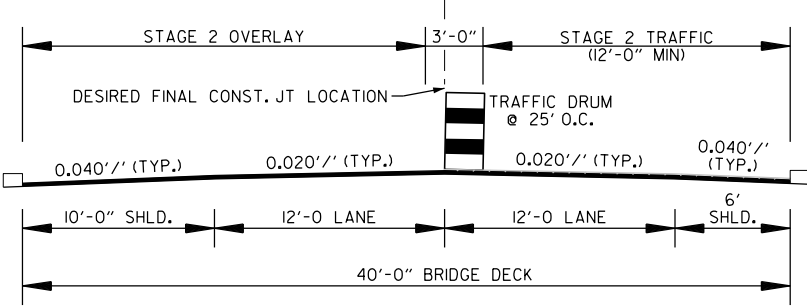
2 LANE BRIDGE



2 LANE BRIDGE



2 LANE BRIDGE



2 LANE BRIDGE

STAGE 2

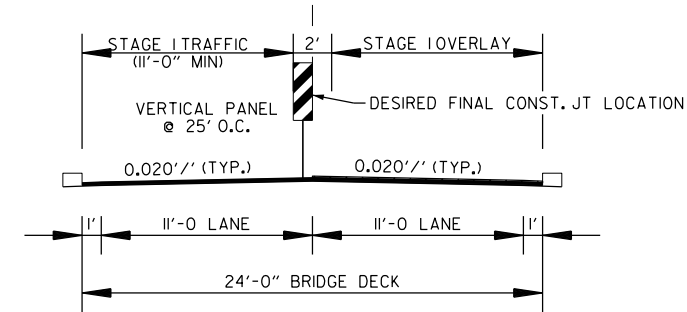
STATE OF ARKANSAS
LINDA S. GUNN
No. 9678
4-28-22

TYPICAL SECTIONS
(2 LANE ROADWAYS)
MAINTENANCE
OF TRAFFIC DETAILS

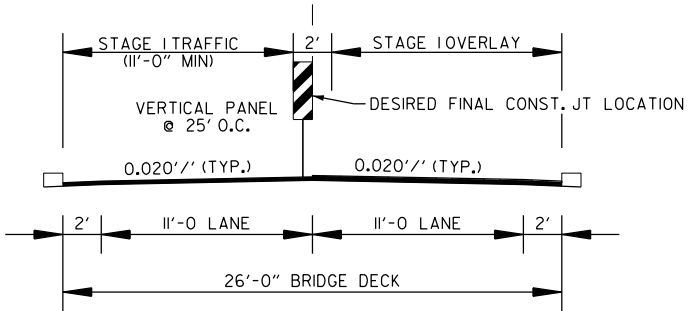
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	41	55
MAINTENANCE OF TRAFFIC DETAILS						



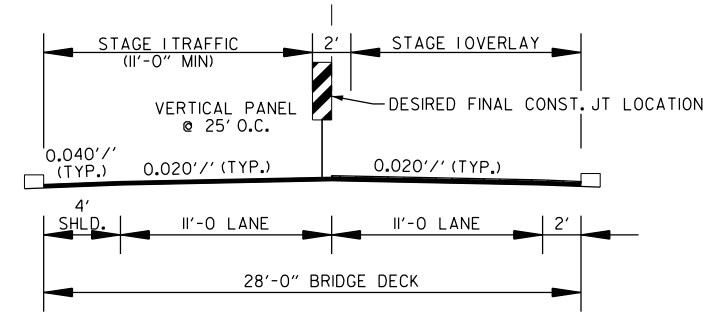
4-28-22



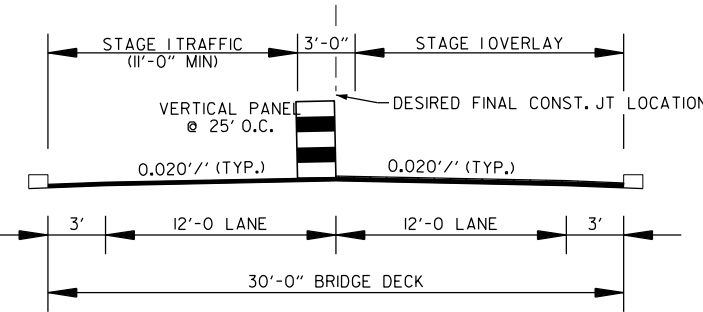
2 LANE BRIDGE



2 LANE BRIDGE

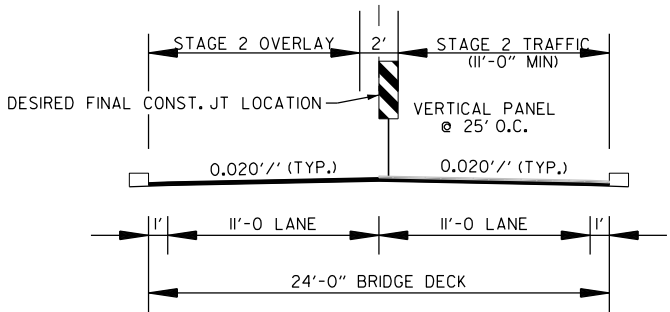


2 LANE BRIDGE

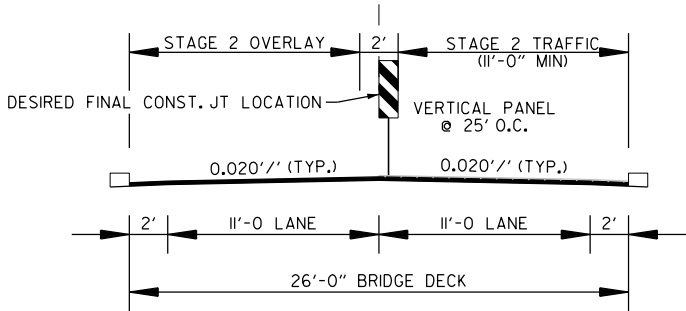


2 LANE BRIDGE

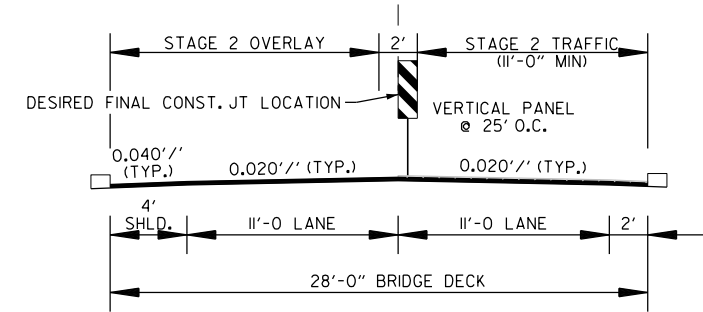
STAGE 1



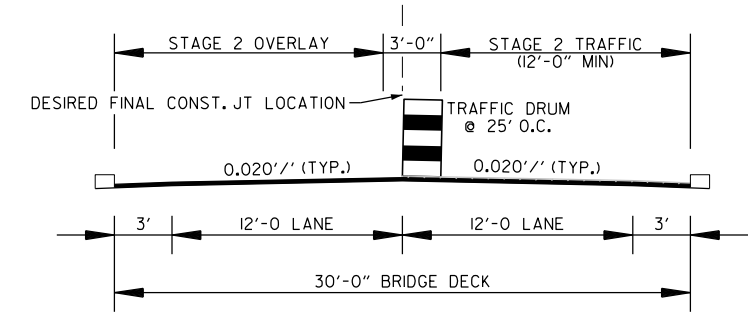
2 LANE BRIDGE



2 LANE BRIDGE



2 LANE BRIDGE

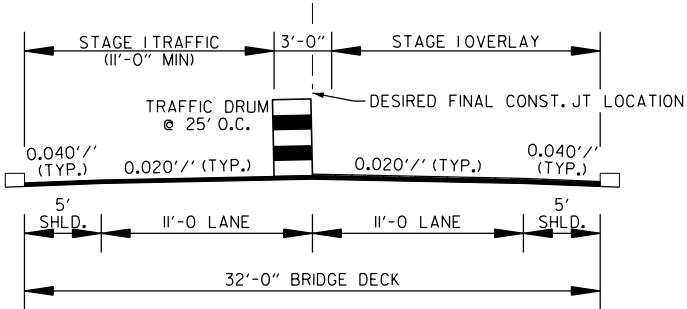


2 LANE BRIDGE

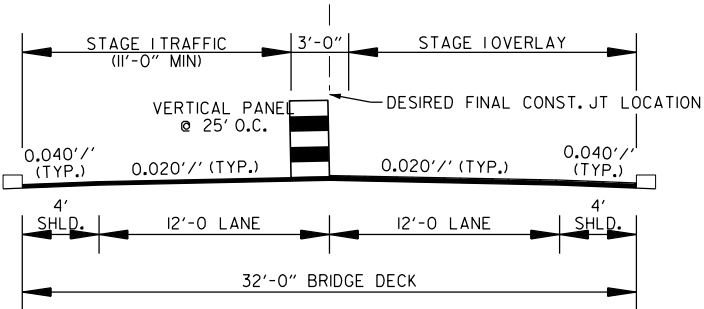
STAGE 2

TYPICAL SECTIONS
(2 LANE ROADWAYS)
MAINTENANCE
OF TRAFFIC DETAILS

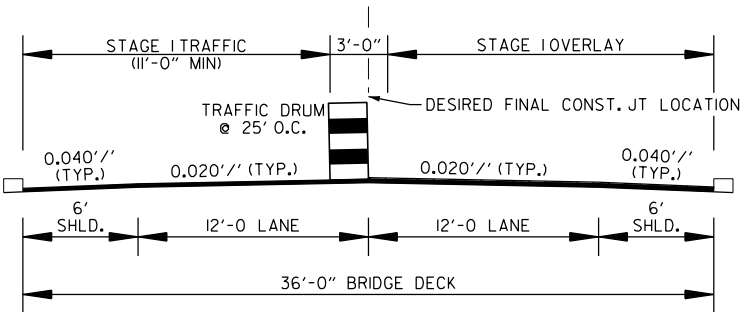
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	42	55
MAINTENANCE OF TRAFFIC DETAILS						



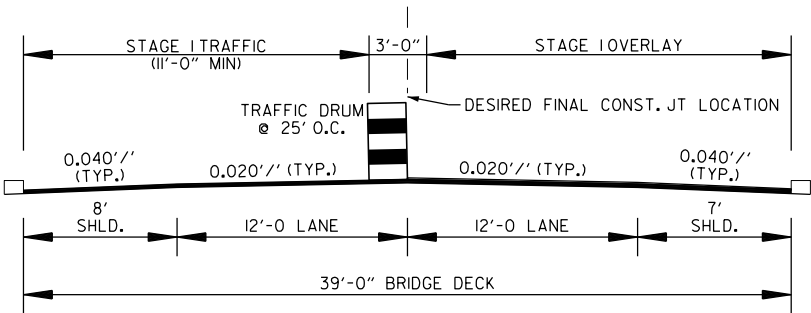
2 LANE BRIDGE



2 LANE BRIDGE

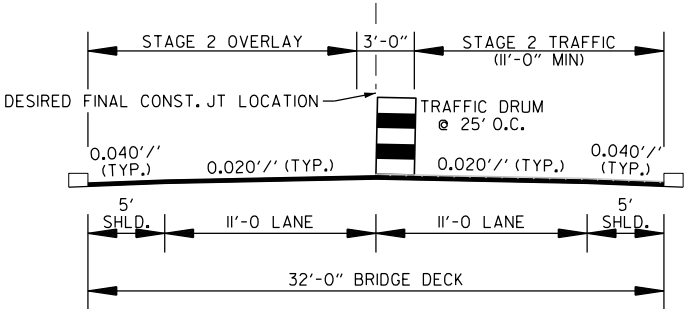


2 LANE BRIDGE

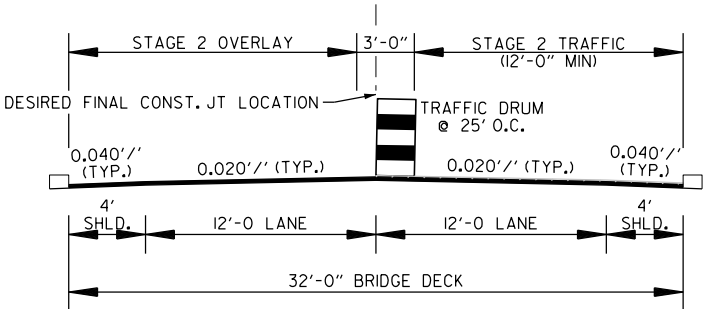


2 LANE BRIDGE

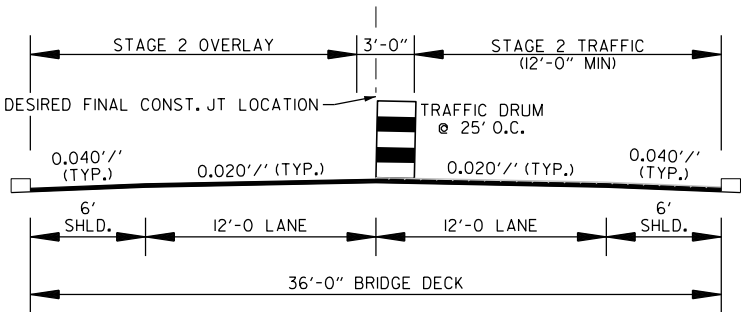
STAGE 1



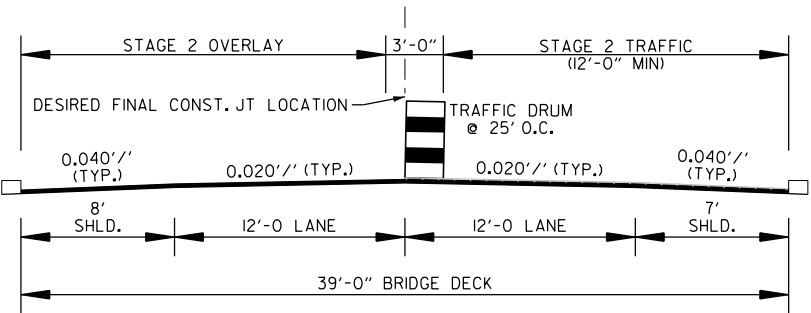
2 LANE BRIDGE



2 LANE BRIDGE



2 LANE BRIDGE



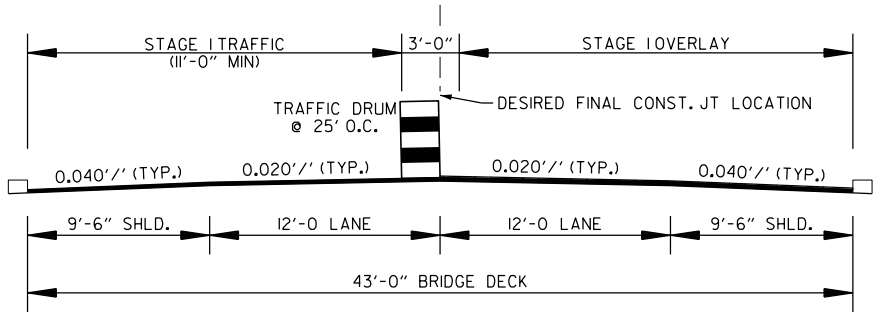
2 LANE BRIDGE

STAGE 2

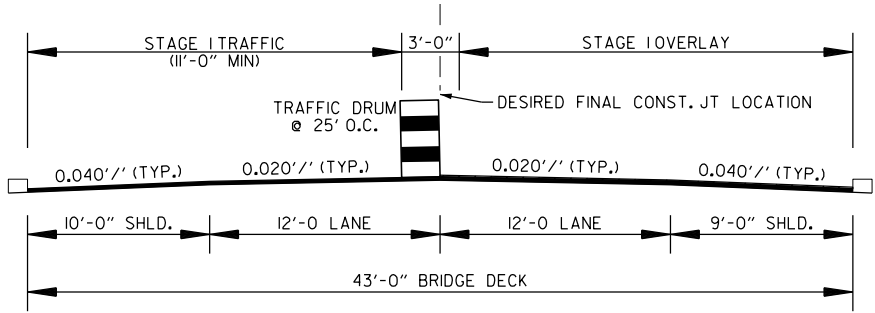
STATE OF ARKANSAS
Linda S. Gunn
LICENSED PROFESSIONAL ENGINEER
No. 9678
4-28-22

TYPICAL SECTIONS
(2 LANE ROADWAYS)
MAINTENANCE
OF TRAFFIC DETAILS

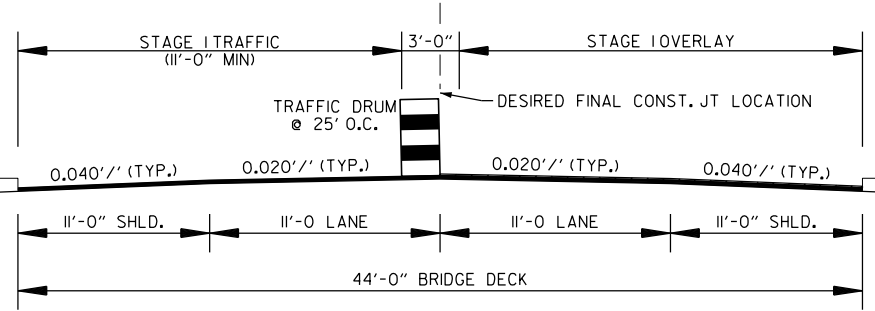
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	43	55
MAINTENANCE OF TRAFFIC DETAILS						



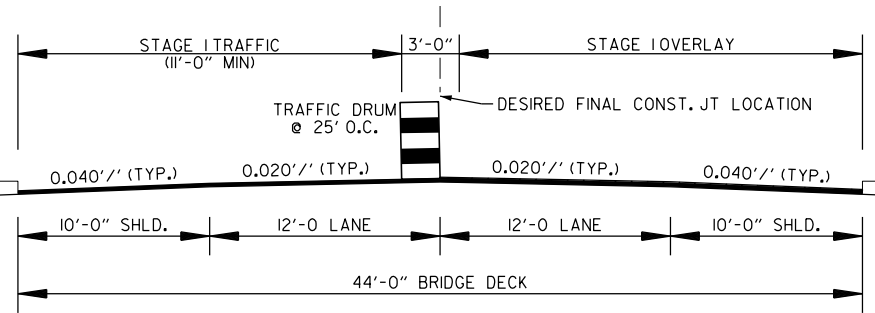
2 LANE BRIDGE



2 LANE BRIDGE

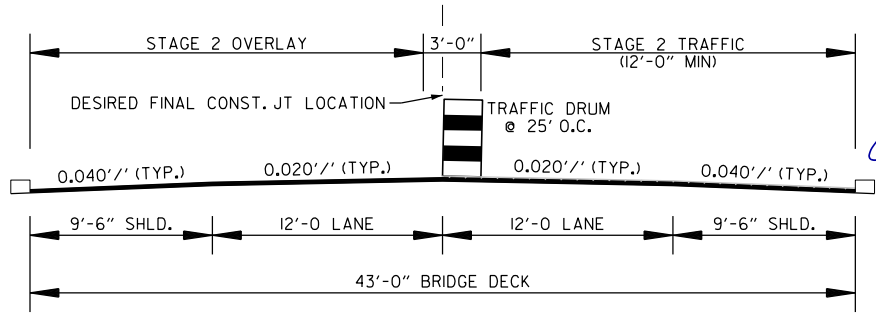


2 LANE BRIDGE

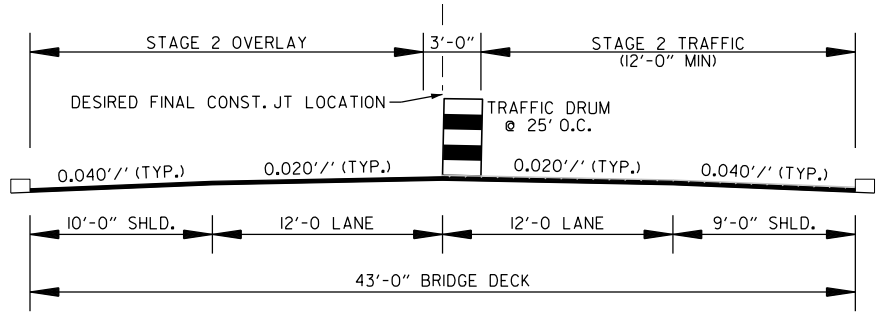


2 LANE BRIDGE

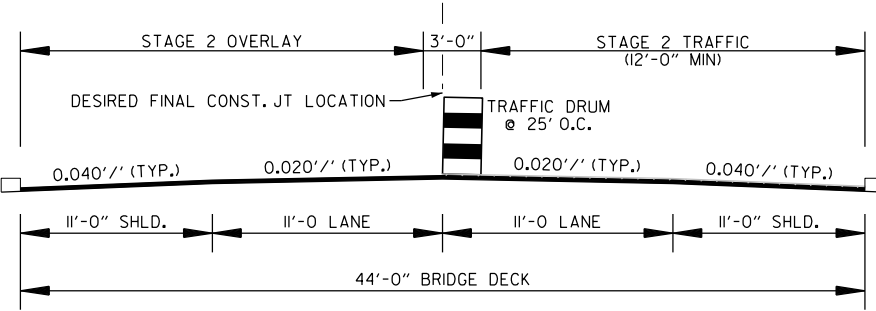
STAGE 1



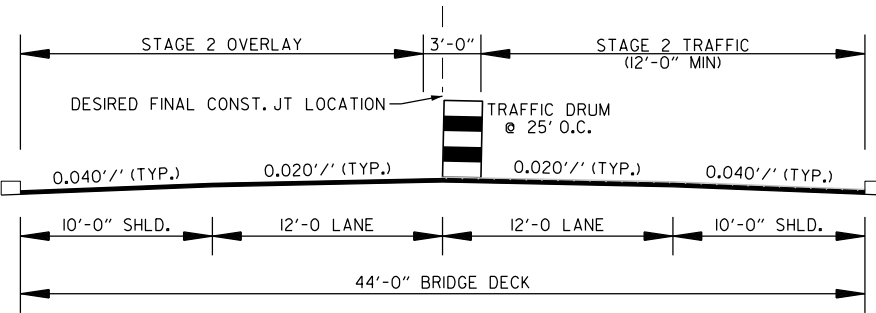
2 LANE BRIDGE



2 LANE BRIDGE

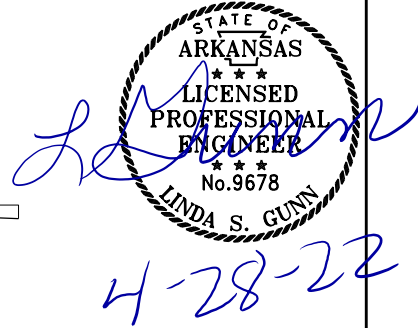


2 LANE BRIDGE



2 LANE BRIDGE

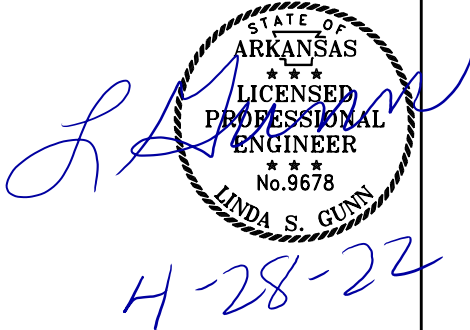
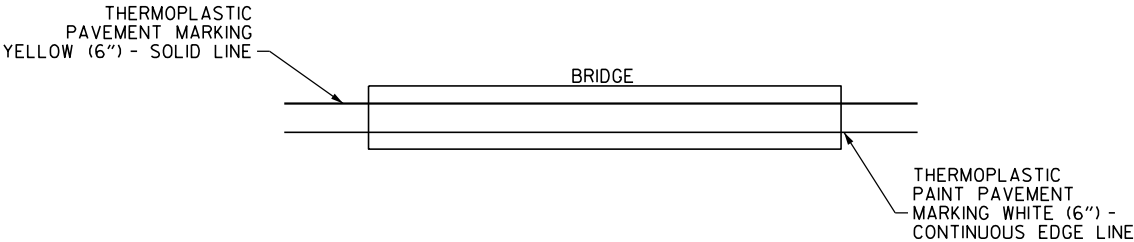
STAGE 2



TYPICAL SECTIONS
(2 LANE ROADWAYS)
MAINTENANCE
OF TRAFFIC DETAILS

T:\civil\kaymac\4/28/2022 11:46:32 AM
WORKSPACE: ARDOT\AR001\06597\02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.07.PM.001.dgn
Y:\Projects\AR001\06597\02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.07.PM.001.dgn
REVISED DATE: \$*REVIDATE\$*

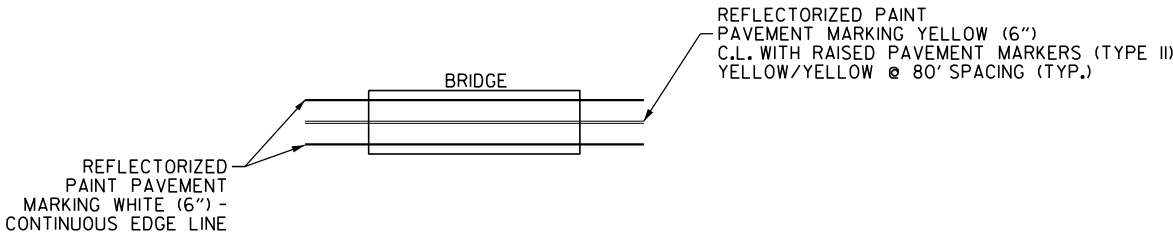
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	0I2408	44	55
PERMANENT PAVEMENT MARKINGS DETAILS						



PERMANENT PAVEMENT MARKING DETAILS
ONE LANE RAMPS W/ BRIDGE

- NOTES:
1. REFER TO TYPICAL SECTION.
2. REFER TO "PERMANENT PAVEMENT MARKINGS"
QUANTITY BOX FOR STRIPING AND RAISED
PAVEMENT MARKER QUANTITIES.

	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE
DIST. 9	(48)	BR. 06683	HWY. 62	6X	0.495



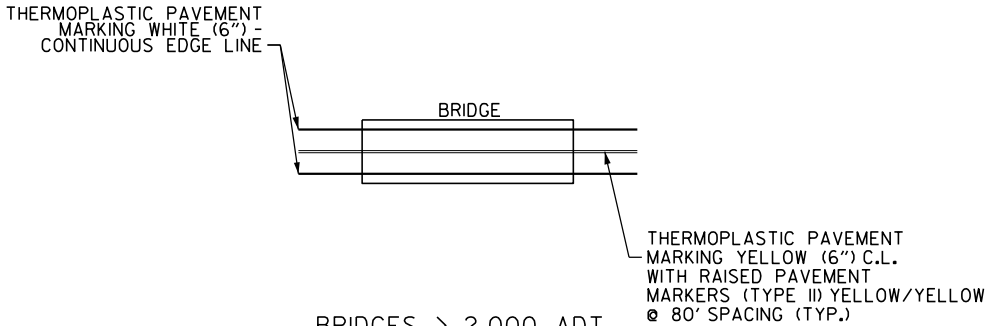
BRIDGES < 2,000 ADT

	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE
DIST. 9	(58)	05933	HWY. 16	4	10.529
	(59)	06512	HWY. 23	8	3.369
	(60)	06370	HWY. 23	8	4.144
	(61)	06798	HWY. 23	8	12.892
	(62)	06407	HWY. 23	8	15.781
	(63)	06408	HWY. 23	8	17.548
	(64)	06409	HWY. 23	8	20.195

PERMANENT PAVEMENT MARKING DETAILS
TWO LANE ROADWAYS W/ BRIDGE

- NOTES:
1. BRIDGE AND ROADWAY DIMENSIONS VARY FOR EACH
SITE. REFER TO TYPICAL SECTIONS.
2. PAVEMENT MARKINGS ARE TO BE PLACED FROM
BEGINNING OF TRANSITION LEADING INTO EACH SITE
THROUGH ENDING TRANSITION. REFER TO "COLD
MILLING" ASPHALT PAVEMENT QUANTITY BOX FOR
TRANSITION LENGTHS AT BRIDGE SITES NO. 32 - 02833
AND NO. 59 - 06512.
3. REFER TO "PERMANENT PAVEMENT MARKINGS"
QUANTITY BOX FOR STRIPING AND RAISED
PAVEMENT MARKER QUANTITIES AT EACH BRIDGE SITE.

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 PLACEMET OF THE FINAL STRIPING. CONTACT THE MAINTENANCE
DIVISION AFTER THE FINAL LIFT OF SURFACE COURSE HAS BEEN PLACED
TO SCHEDULE THE ZONING OF THE PROJECT.

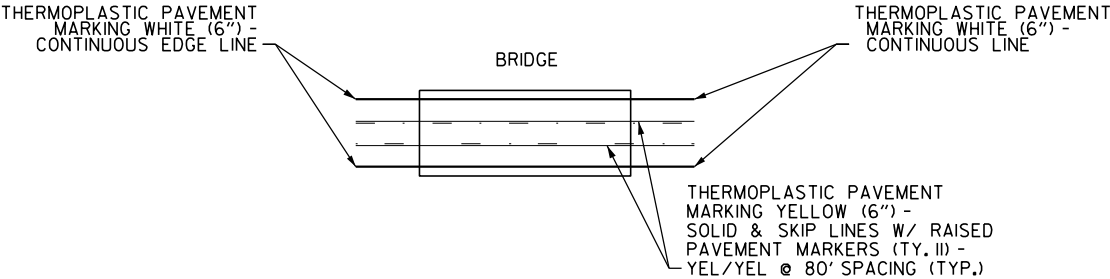


BRIDGES > 2,000 ADT

	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE		BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE
DIST. 4	(1)	BR. 06766	HWY. 71	8	9.882	DIST. 8	(30)	BR. 06184	HWY. 270	4	5.967
	(2)	BR. 05290	HWY. 71	10	23.207		(31)	BR. 06185	HWY. 270	4	7.057
	(9)	BR. 05360	HWY. 255	5	1.558		(32)	BR. 02833	HWY. 270	4	10.241
	(12)	BR. 05600	HWY. 109	3	7.785		(33)	BR. 06676	HWY. 10	4	15.132
DIST. 8	(13)	BR. 05378	HWY. 7	13	0.966		(34)	BR. 06677	HYW. 10	4	16.328
	(14)	BR. 05379	HWY. 7	13	1.177	DIST. 9	(44)	BR. 06576	HWY. 412	5	3.475
	(15)	BR. 06487	HWY. 7	13	3.424		(45)	BR. 06577	HWY. 412	5	3.810
	(16)	BR. 06595	HWY. 7	13	6.293		(46)	BR. 06578	HWY. 412	5	4.348
	(19)	BR. 05050	HWY. 9	7	5.230		(52)	BR. 06058	HWY. 62	9	9.969
	(20)	BR. 05586	HWY. 95	1	7.854		(53)	BR. 06059	HYW. 62	9	10.355
	(21)	BR. 06631	HWY. 64	7	22.403		(55)	BR. 05770	HWY. 62	11	8.517
	(27)	BR. 05143	HWY. 89	4	10.040		(56)	BR. 05769	HWY. 101	1	9.045
	(28)	BR. 06182	HWY. 270	4	2.322		(57)	BR. 07202	HWY. 65	6	6.174
	(29)	BR. 06183	HWY. 270	4	2.682						

T:\civil\kaypac_4/28/2022 11:46:33 AM
Y:\Projects\AR001-186597-012408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\18012408.07-PM.001.dgn
WORKSPACE: AR001-186597-012408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\18012408.07-PM.001.dgn
REVISED DATE: \$*REVIDATE\$*

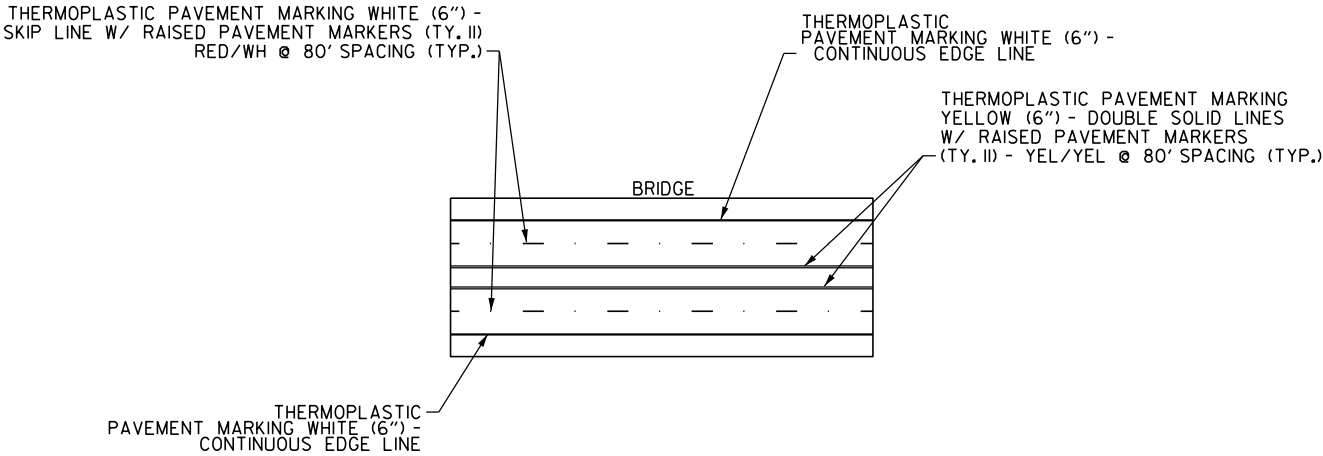
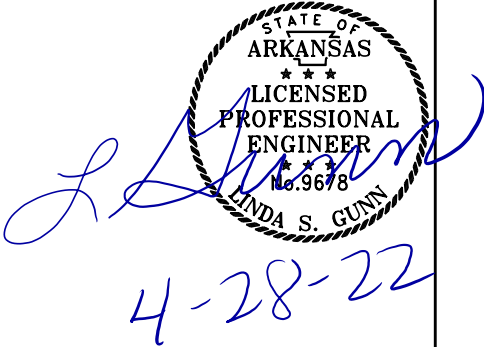
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	45	55
PERMANENT PAVEMENT MARKINGS DETAILS						



PERMANENT PAVEMENT MARKING DETAILS
THREE LANE ROADWAYS W/ BRIDGE

- NOTES:
1. BRIDGE DIMENSIONS VARY FOR EACH SITE. REFER TO TYPICAL SECTIONS.
2. REFER TO "PERMANENT PAVEMENT MARKINGS" QUANTITY BOX FOR STRIPING AND RAISED PAVEMENT MARKER QUANTITIES AT EACH BRIDGE SITE.

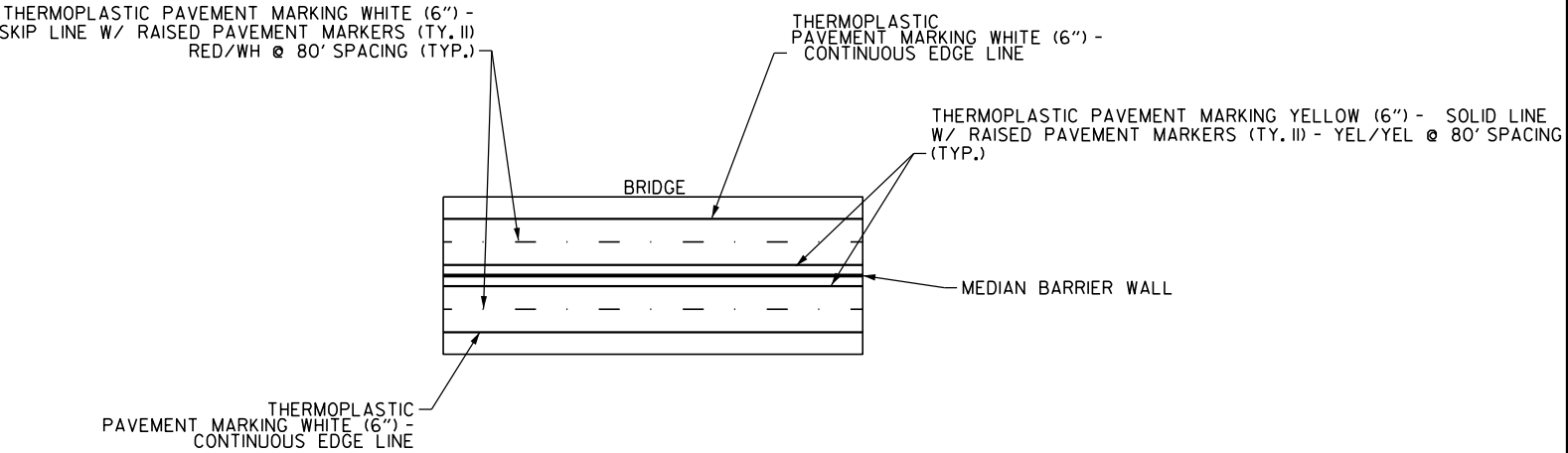
	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE
DIST. 8	22	BR. 07055	HWY. 25	0	0.158
DIST. 9	54	BR. 05930	HWY. 5	18	18.159



PERMANENT PAVEMENT MARKING DETAILS
FOUR LANE PAINTED MEDIAN ROADWAYS W/ BRIDGE

- NOTES:
1. BRIDGE DIMENSIONS VARY FOR EACH SITE. REFER TO TYPICAL SECTIONS.
2. REFER TO "PERMANENT PAVEMENT MARKINGS" QUANTITY BOX FOR STRIPING AND RAISED PAVEMENT MARKER QUANTITIES AT EACH BRIDGE SITE.

	BRIDGE ID	BRIDGE	ROUTE	SECTION	LOG MILE
DIST. 4	8	BR. 05662	HWY. 255	4	3.029
	11	BR. 06732	HWY. 62	1	17.138
DIST. 8	23	BR. 06745	HWY. 65	9	2.084
	24	BR. 06628	HWY. 65	9	4.900
DIST. 9	47	BR. 06398	HWY. 62	6	0.915



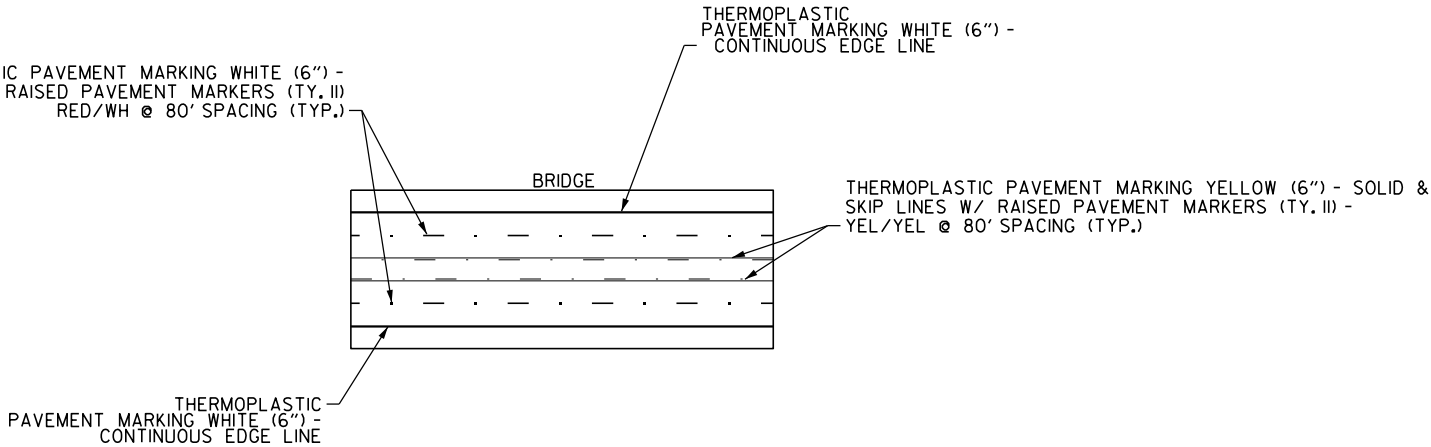
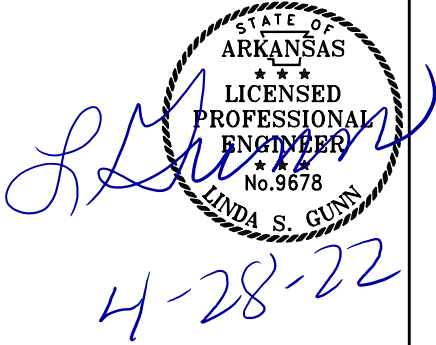
PERMANENT PAVEMENT MARKING DETAILS
FOUR LANE MEDIAN BARRIER WALL DIVIDED
ROADWAY W/ BRIDGE

- NOTES:
1. REFER TO TYPICAL SECTION.
2. REFER TO "PERMANENT PAVEMENT MARKINGS" QUANTITY BOX FOR STRIPING AND RAISED PAVEMENT MARKER QUANTITIES.

	BRIDGE ID	BRIDGE	ROUTE	SECTION	LOG MILE
DIST. 8	35	BR. 05064	HWY. 7	13	15.503

T:\civil\kaypac 4/28/2022 11:46:33 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001-06597-012408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\012408.07-PM.001.dgn
REVISED DATE: \$REVDATE\$

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	46	55
PERMANENT PAVEMENT MARKINGS DETAILS						

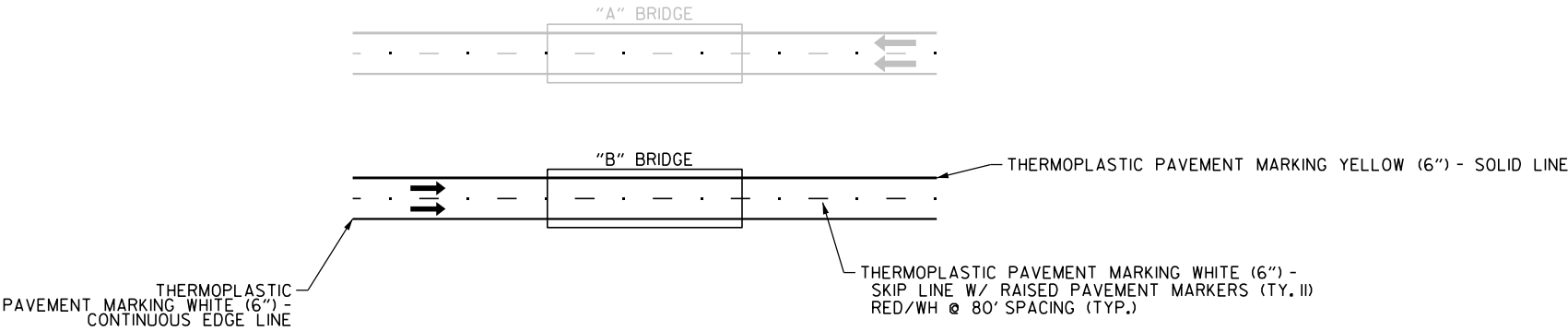


	BRIDGE ID	BRIDGE	ROUTE	SECTION	LOG MILE
DIST. 4	(7)	BR. 07154	HWY. 22	1	13.088
DIST. 8	(17)	BR. A2680	HWY. 7	14	1.447
	(18)	BR. 07014	HWY. 124	1	0.845
	(25)	BR. 06300	HWY. 64	9	1.364
	(26)	BR. 06301	HWY. 64	9	2.306
DIST. 9	(49)	BR. 06586	HWY. 65	2	3.601
	(50)	BR. 06585	HWY. 65	2	4.163
	(51)	BR. 06584	HWY. 65	2	4.641

PERMANENT PAVEMENT MARKING DETAILS
FOUR LANE WITH MEDIAN TURN LANE ROADWAYS W/ BRIDGE

- NOTES:
1. BRIDGE AND ROADWAY DIMENSIONS VARY FOR EACH SITE. REFER TO TYPICAL SECTIONS.
 2. PAVEMENT MARKINGS ARE TO BE PLACED FROM BEGINNING OF TRANSITION LEADING INTO BRIDGE SITE THROUGH ENDING TRANSITION. REFER TO "COLD MILLING" ASPHALT PAVEMENT QUANTITY BOX FOR TRANSITION LENGTHS FOR BRIDGE NO. 50 - 06585.
 3. REFER TO "PERMANENT PAVEMENT MARKINGS" QUANTITY BOX FOR STRIPING AND RAISED PAVEMENT MARKER QUANTITIES AT EACH BRIDGE SITE.

FOR BRIDGE "A", REPEAT STRIPING PATTERN SHOWN FOR BRIDGE B"



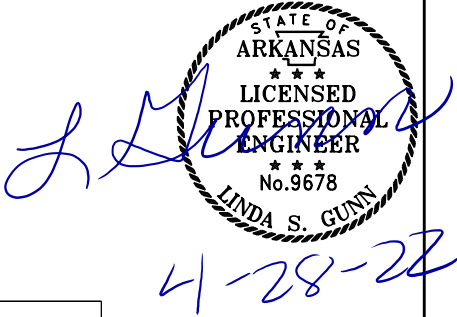
	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE
DIST. 4	(3)	BR. B5192	HWY. 71	13	8.823
	(4)	BR. B5193	HWY. 71	13	9.795
	(5)	BR. B5194	HWY. 71	14	0.254
	(6)	BR. 06206	HWY. 71	14	4.451
	(10)	BR. B2280	HWY. 64	2	7.323
DIST. 9	(36)	BR. A6475	HWY. 412	1	6.518
	(37)	BR. B6475	HWY. 412	1	7.154
	(38)	BR. A6476	HWY. 412	1	5.494
	(39)	BR. B6476	HWY. 412	1	8.175
	(40)	BR. A6477	HWY. 412	1	4.055
	(41)	BR. B6477	HWY. 412	1	9.612
	(42)	BR. A6478	HWY. 412	1	2.103
	(43)	BR. B6478	HWY. 412	1	11.589

PERMANENT PAVEMENT MARKING DETAILS
2 LANE GRASS MEDIAN DIVIDED ROADWAYS
W/ BRIDGE

- NOTES:
1. BRIDGE AND ROADWAY DIMENSIONS VARY FOR EACH SITE. REFER TO TYPICAL SECTIONS.
 2. REFER TO "PERMANENT PAVEMENT MARKINGS" QUANTITY BOX FOR STRIPING AND RAISED PAVEMENT MARKER QUANTITIES AT EACH BRIDGE SITE.

T:\civil\kaypac - 4/28/2022 11:46:34 AM
WORKSPACE: ARDOT
Y:\Projects\AR001\06597\02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.08_QTY_001.dgn
REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	47	55
QUANTITIES						



ADVANCE WARNING SIGNS AND DEVICES - DISTRICTS 4, 8, & 9 LANE CLOSURE FOR POLYMER OVERLAY BRIDGES																
SIGN NUMBER	DESCRIPTION	SIGN SIZE	STAGE 1	STAGE 2	STAGE 3	MAXIMUM NUMBER REQUIRED	TOTAL SIGNS REQUIRED		VERTICAL PANELS	TRAFFIC DRUMS	BARRICADES (TYPE III)		FURNISHING & INSTALLING PRECAST CONC. BARRIER	RELOCATING PRECAST CONCRETE BARRIER	PORTABLE TRAFFIC SIGNAL SYSTEM-ACTUATED	PORTABLE CHANGEABLE MESSAGE SIGN
			LIN. FT. - EACH				NO.	SQ. FT.			EACH	RIGHT			LEFT	LIN. FT.
ADVANCE WARNING SIGNS - HIGHWAY																
W20-1	ROAD WORK 1500 FT.	36"x36"	8	8		8	8	72.0								
W20-1	ROAD WORK 1000 FT.	36"x36"	2	2	2	2	2	18.0								
W20-1	ROAD WORK 500 FT.	36"x36"	2	2	2	2	2	18.0								
W20-1	ROAD WORK AHEAD	36"x36"	8	8	2	8	8	72.0								
W20-2	DETOUR 500 FT.	36"x 36"	4	4		4	4	36.0								
W20-2	DETOUR 1000 FT.	36"x 36"	4	4		4	4	36.0								
W20-4	ONE LANE ROAD 1/2 MILE	36"x36"	8	8		8	8	72.0								
W20-4	ONE LANE ROAD 1000 FT.	36"x36"	8	8		8	8	72.0								
W20-5	LEFT LANE CLOSED AHEAD	36"x36"	2	2		2	2	18.0								
W20-5	RIGHT LANE CLOSED AHEAD	36"x36"	2	2		2	2	18.0								
W20-5	RIGHT LANE CLOSED 1500 FT.	36"x36"	8	8		8	8	72.0								
W20-5	RIGHT LANE CLOSED 1/2 MILE	36"x36"	8	8		8	8	72.0								
W20-5	RIGHT LANE CLOSED 1MILE	36"x36"	2	2		2	2	18.0								
G20-2	END ROAD WORK	36"x18"	8	8	2	8	8	36.0								
W1-4L	REVERSE CURVE LT.	36"x36"	2		2	2	2	18.0								
W1-4R	REVERSE CURVE RT.	36"x36"	8	8	2	8	8	72.0								
W3-3	ADVANCED TRAFFIC CONTROL - TRAFFIC SIGNAL	30"x30"	8	8		8	8	50.0								
W3-4	BE PREPARED TO STOP	36"x36"	8	8		8	8	72.0								
W13-1	SPEED LIMIT (ADVISORY)	24"x24"	8	8		8	8	32.0								
R2-1	SPEED LIMIT	30"x36"	24	24		24	24	180.0								
W9-3	CENTER LANE CLOSED AHEAD	36"x36"			1	1	1	9.0								
R10-6	STOP HERE ON RED	24"x36"	8	8		8	8	48.0								
R11-2	ROAD CLOSED	48"x30"	1	1		1	1	10.0								
W1-6	LARGE ARROW	48"x24"	24	24	3	24	24	192.0								
R4-1	DO NOT PASS	24"x30"	8	8		8	8	40.0								
W21-5a	RIGHT SHOULDER CLOSED	36"x36"	8	8		8	8	72.0								
W4-2	LANE ENDS (RIGHT)	36"x36"	8	8	2	8	8	72.0								
SPECIAL	MERGE NOW	36"x36"	8	8		8	8	72.0								
M1-4	US ROUTE, HWY. 62	24"x24"	5	5		5	5	20.0								
M3-4	WEST	24"x12"	5	5		5	5	10.0								
M4-8	DETOUR	24"x12"	5	5		5	5	10.0								
M4-8A	END DETOUR	24"x18"	1	1		1	1	3.0								
M6-1R	DIRECTION ARROW RT.	21"x15"	3	3		3	3	6.6								
M6-1L	DIRECTION ARROW LT.	21"x15"	2	2		2	2	4.4								
SUBTOTALS (DISTRICTS 4, 8, & 9 - ADVANCE WARNING SIGNS - HIGHWAY):								1623.0								
ADVANCE DEVICES																
	VERTICAL PANELS		105	105		105			105							
	TRAFFIC DRUMS		418	418		418				418						
	TYPE III BARRICADE-RT. (8')			1		1					8					
	TYPE III BARRICADE-LT. (8')			2		2						16				
	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER					1310							1310			
	RELOCATING PRECAST CONCRETE BARRIER					2950								2950		
	PORTABLE TRAFFIC SIGNAL SYSTEM-ACTUATED		180	180		180									180	
	PORTABLE CHANGEABLE MESSAGE SIGN		185	185		185										185
SUBTOTALS (DISTRICT 4, 8, & 9 - ADVANCE DEVICES):									105	418	8	16	1310	2950	180	185
PROJECT TOTALS (DISTRICTS 4, 8, & 9):								1623.0	105	418	8	16	1310	2950	180	185

MAINTENANCE OF TRAFFIC ITEMS ARE TO BE RELOCATED BETWEEN BRIDGE SITES AND DISTRICTS IF AND WHERE DIRECTED BY THE ENGINEER. THE TOTALS REPRESENT A MAXIMUM NUMBER OF MOT DEVICES AND ESTIMATED TIME USAGES.
TRAFFIC CONTROL DEVICES, WHERE SHOWN ON THE PLANS FOR PAYMENT, WILL BE PAID AT THE CONTRACT UNIT PRICE FOR EACH ITEM INVOLVED. ALL ADDITIONAL TRAFFIC CONTROL DEVICES BEYOND THE CONTRACT AMOUNT SHALL BE PROVIDED,
MAINTAINED, AND REPLACED, IF NECESSARY, AT NO COST TO THE DEPARTMENT.

NOTES: ALL LOCATIONS HAVE BOTH HIGH AND LOW TRAFFIC VOLUMES IN DISTRICTS 4, 8, & 9 AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
REFER TO PERMANENT PAVEMENT MARKING DETAILS FOR LIST OF HIGH AND LOW TRAFFIC VOLUMES IN EACH DISTRICT.

*RELOCATING PRECAST CONCRETE BARRIER QUANTITIES ARE TO BE PLACED FOR "MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 05290)" IN DISTRICT 4.

* FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER AND RELOCATING PRECAST CONCRETE BARRIER QUANTITIES ARE TO BE PLACED FOR "MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 06585)" IN DISTRICT 9. (THE PLAN QUANTITY "FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER" MAXIMUM LENGTH IS ESTIMATED FROM THIS BRIDGE.)

* RELOCATING PRECAST CONCRETE BARRIER QUANTITIES ARE TO BE PLACED FOR "MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 06512)" IN DISTRICT 4.

* THE PORTABLE CHANGEABLE MESSAGE SIGN QUANTITY IS ESTIMATED AND BASED ON USE IF AND WHERE DIRECTED BY THE ENGINEER FOR LONG BRIDGE STRUCTURES IF THE ENGINEER APPROVES THE ENTIRE LENGTH CLOSURE TO EXPEDITE THE WORK.

* THE PORTABLE TRAFFIC SIGNAL SYSTEM - ACTUATED QUANTITY IS TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER FOR TWO LANE BRIDGES. TRAINED FLAGGERS ARE TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER FOR BRIDGES THAT CAN BE RETURNED TO NORMAL TRAFFIC WHEN THE CONTRACTOR LEAVES THE SITE AFTER THE WORK SHIFT. THE PORTABLE TRAFFIC SIGNAL QUANTITY IS BASED ON THE TIME FOR EACH OF THE TWO SIGNALS AT A BRIDGE SITE. IF SEVERAL BRIDGE SITES ARE BEING WORKED CONCURRENTLY, THE "WEEK" QUANTITY IS BASED ON A SUM OF EACH SIGNAL USED.

QUANTITIES ESTIMATED.
SEE SECTION 104.03 OF THE STD SPECS.

QUANTITIES

T:\civil\kaypac - 4/28/2022 11:16:35 AM
WORKSPACE: ARDOT
Y:\Projects\VAR001_186597_02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408_08_0TY_001.dgn
REVISED DATE: **REVE DATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	0I2408	48	55
QUANTITIES						



COLD MILLING ASPHALT PAVEMENT - DIST. 8 (BOX 1 OF 2)								
BR. ID # (TITLE SHEET)	BRIDGE STRUCTURE NO.	ROUTE	LOG MILE	LOCATION	* AVG. DEPTH OF ASPHALT	LENGTH	AVG. WIDTH	COLD MILLING ASPHALT PAVEMENT
					INCHES			FEET
32	02833	270	10.241	BR. DECK	2	66.00	26	190.67
				TRANSITION	2	200.00	22	488.89
SUBTOTAL (DIST. 8):								679.56

*AVERAGE DEPTH OF ASPHALT IS ESTIMATED AND SHOWN FOR INFORMATION ONLY. IF THE FIELD DEPTH OF ASPHALT ON THE DECK IS DETERMINED TO BE THICKER THAN THE DEPTH SHOWN, NO ADDITIONAL PAYMENT WILL BE MADE FOR GREATER DEPTHS.

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 - DIST. 9 (BOX 2 OF 2)								
BR. ID # (TITLE SHEET)	BRIDGE STRUCTURE NO.	ROUTE	LOG MILE	LOCATION	* AVG. DEPTH OF ASPHALT	LENGTH	AVG. WIDTH	COLD MILLING ASPHALT PAVEMENT
					INCHES			SQ. YD.
50	06585	65	4.163	TRANSITION	2	100.00	52	577.78
59	06512	16	3.369	TRANSITION	2	100.00	24	266.67
SUBTOTAL (DIST. 9):								844.45

*AVERAGE DEPTH OF ASPHALT IS ESTIMATED AND SHOWN FOR INFORMATION ONLY. IF THE FIELD DEPTH OF ASPHALT ON THE DECK IS DETERMINED TO BE THICKER THAN THE DEPTH SHOWN, NO ADDITIONAL PAYMENT WILL BE MADE FOR GREATER DEPTHS.

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

SUBTOTALS DIST. 8 - (BOX 1 OF 2):								679.56
SUBTOTALS DIST. 9 - (BOX 2 OF 2):								844.45
PROJECT TOTALS:								1524.01

*AVERAGE DEPTH OF ASPHALT IS ESTIMATED AND SHOWN FOR INFORMATION ONLY. IF THE FIELD DEPTH OF ASPHALT ON THE DECK IS DETERMINED TO BE THICKER THAN THE DEPTH SHOWN, NO ADDITIONAL PAYMENT WILL BE MADE FOR GREATER DEPTHS.

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

BASE AND SURFACING - MAIN LANE TRANSITIONS - DIST. 8 (BOX 1 OF 2)															
BR.ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	LOCATION	TRANSITION LENGTH	TACK COAT		ACHM SURFACE COURSE (1/2")				ACHM SURFACE COURSE (3/8")			
						(0.17 GAL. PER SQ. YD.)	TOTAL GALLONS	TOTAL WID.	SQ.YD.	POUND / SQ.YD.	TOTAL PG 70-22	AVG. WID.	SQ.YD.	POUND / SQ.YD.	TOTAL PG 64-22
						FEET									
32	02833	270	10.241	MAIN LANE TRANSITION	200.00	22	83.11	0	0.00		0.00	22	488.89	220	53.78
SUBTOTAL (DIST. 8):							83.11				0.00				53.78

BASIS OF ESTIMATE (DIST. 8)
ACHM SURFACE COURSE (3/8").....94.2% MIN. AGGR.....5.8% ASPHALT BINDER

MAXIMUM NUMBER OF GYRATIONS = 115 FOR PG 64-22
TACK COAT QUANTITIES WERE CALCULATED USING THE EMULSIFIED ASPHALT RATES. REFER TO SS-400-1 FOR THE RESIDUAL ASPHALT APPLICATION RATES.

BASE AND SURFACING - MAIN LANE TRANSITIONS - DIST. 9 (BOX 2 OF 2)															
BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	LOCATION	TRANSITION LENGTH	TACK COAT		ACHM SURFACE COURSE (1/2")				ACHM SURFACE COURSE (3/8")			
						(0.17 GAL. PER SQ. YD.)	TOTAL GALLONS	TOTAL WID.	SQ.YD.	POUND / SQ.YD.	TOTAL PG 70-22	AVG. WID.	SQ.YD.	POUND / SQ.YD.	TOTAL PG 64-22
					FEET	FEET									
50	06585	65	4.163	MAIN LANE TRANSITION	100.00	52	113.42	52	667.16	220	73.39	0	0.00	0.00	
59	06512	16	3.369	MAIN LANE TRANSITION	100.00	24	45.33	24	266.67	220	29.33	0	0.00	0.00	
SUBTOTAL (DIST. 9):							158.75				102.72			0.00	

BASIS OF ESTIMATE (DIST. 9)
ACHM SURFACE COURSE (1/2").....94.7% MIN. AGGR.....5.3% ASPHALT BINDER

MAXIMUM NUMBER OF GYRATIONS = 160 FOR PG 70-22
TACK COAT QUANTITIES WERE CALCULATED USING THE EMULSIFIED ASPHALT RATES. REFER TO SS-400-1 FOR THE RESIDUAL ASPHALT APPLICATION RATES.

SUBTOTALS DIST. 8 - (BOX 1 OF 2):							83.11								53.78
SUBTOTALS DIST. 9 - (BOX 2 OF 2):							158.75				102.72				
PROJECT TOTALS:							241.86				102.72				53.78

BASIS OF ESTIMATE (DIST. 8)
ACHM SURFACE COURSE (3/8").....94.2% MIN. AGGR.....5.8% ASPHALT BINDER

MAXIMUM NUMBER OF GYRATIONS = 115 FOR PG 64-22

BASIS OF ESTIMATE (DIST. 9)
ACHM SURFACE COURSE (1/2").....94.7% MIN. AGGR.....5.3% ASPHALT BINDER

MAXIMUM NUMBER OF GYRATIONS = 160 FOR PG 70-22
TACK COAT QUANTITIES WERE CALCULATED USING THE EMULSIFIED ASPHALT RATES. REFER TO SS-400-1 FOR THE RESIDUAL ASPHALT APPLICATION RATES.

T:\civil\kaypac - 4/28/2022 11:46:36 AM
WORKSPACE: ARDOT
Y:\Projects\AR001_186597_012408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\012408_08_0TY_001.dgn
REVISED DATE: **REDATE**

CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS - DIST. 4 (BOX 1 OF 4)												
BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	DESCRIPTION	REMOVABLE CONST. PAVEMENT MARKINGS	*REMOVAL AND DISPOSAL OF PLOWABLE PAVEMENT MARKER	RAISED PAVEMENT MARKERS		THERMOPLASTIC PAVEMENT MARKING		REFLECTORIZED PAINT PAVEMENT MARKING	
							TYPE II	TYPE II	6"		6"	
					(WHITE/RED)	(YELLOW/YELLOW)	WHITE	YELLOW	WHITE	YELLOW		
					LIN FT.	EACH	EACH	LIN. FT.	LIN. FT.			
1	06766	71	9.882	WHITE	218				218		0	
				YELLOW	218				218		0	
				R.P.M.		0		1				
2	05290	71	23.207	WHITE	362				362		0	
				YELLOW	362				362		0	
				R.P.M.		0		2				
3	B5192	71	8.823	WHITE	134				134		0	
				YELLOW	107				107		0	
				R.P.M.		3		0				
4	B5193	71	9.795	WHITE	134				134		0	
				YELLOW	107				107		0	
				R.P.M.		3		0				
5	B5194	71	0.254	WHITE	228				228		0	
				YELLOW	182				182		0	
				R.P.M.		5		0				
6	06206	71	4.451	WHITE	134				134		0	
				YELLOW	107				107		0	
				R.P.M.		3		0				
7	07154	22	13.088	WHITE	880				880		0	
				YELLOW	880				880		0	
				R.P.M.		9		9				
8	05662	255	3.029	WHITE	263				263		0	
				YELLOW	210				210		0	
				R.P.M.		3		1				
9	05360	255	1.558	WHITE	210				210		0	
				YELLOW	210				210		0	
				R.P.M.		0		1				
10	B2280	64	7.323	WHITE	622				622		0	
				YELLOW	497				497		0	
				R.P.M.		12		0				
11	06732	62	17.138	WHITE	865				865		0	
				YELLOW	1537				1537		0	
				R.P.M.		10		10				
12	05600	109	7.785	WHITE	17074				17074		0	
				YELLOW	17074				17074		0	
				R.P.M.		0		107				
IF AND WHERE DIRECTED BY THE ENGINEER						10						
SUBTOTAL (DIST. 4):					42615	10	48	131	21124	21491	0	0

NOTE: 2 LANE ROADS HAVE BOTH HIGH AND LOW TRAFFIC VOLUME IN DISTRICT 2 AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. REFER TO PERMANENT PAVEMENT MARKING DETAILS FOR LIST OF HIGH AND LOW ROADS IN EACH DISTRICT.

FOR 2 LANE ROADS, THE 12" WHITE STOP BAR LIN. FT. QUANTITY FROM THE 2 LANE MAINTENANCE OF TRAFFIC DETAIL IS INCLUDED IN THE REMOVABLE CONSTRUCTION PAVEMENT MARKINGS COLUMN FOR STAGE 1 AND STAGE 2 CONSTRUCTION.

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.

*REMOVAL AND DISPOSAL OF PLOWABLE PAVEMENT MARKER QUANTITY IS TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER. QUANTITIES ESTIMATED. SEE SECTION 104.03 OF THE STD SPECS.

CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS - DIST. 8 (BOX 2 OF 4)												
BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	DESCRIPTION	REMOVABLE CONST. PAVEMENT MARKINGS	REMOVAL AND DISPOSAL OF PLOWABLE PAVEMENT MARKER	RAISED PAVEMENT MARKERS		THERMOPLASTIC PAVEMENT MARKING		REFLECTORIZED PAINT PAVEMENT MARKING	
							TYPE II (WHITE/RED)	TYPE II (YELLOW/YELLOW)	6"		6"	
									WHITE	YELLOW	WHITE	YELLOW
					LIN. FT.	EACH	EACH		LIN. FT.	LIN. FT.	WHITE	YELLOW
13	05378	7	0.966	WHITE	300				300		0	
				YELLOW	300			300		0		
				R.P.M.		0	2					
14	05379	7	1.177	WHITE	300				300		0	
				YELLOW	300				300		0	
				R.P.M.		0	2					
15	06487	7	3.424	WHITE	765				765		0	
				YELLOW	765				765		0	
				R.P.M.		0	5					
16	06595	7	6.293	WHITE	180				180		0	
				YELLOW	180				180		0	
				R.P.M.		0	2					
17	A2680	7	1.447	WHITE	274				274		0	
				YELLOW	274				274		0	
				R.P.M.		3	3					
18	07014	124	0.845	WHITE	553				553		0	
				YELLOW	553				553		0	
				R.P.M.		6	6					
19	05050	9	5.230	WHITE	3787				3787		0	
				YELLOW	3787				3787		0	
				R.P.M.		0	24					
20	05586	95	7.854	WHITE	485				485		0	
				YELLOW	485				485		0	
				R.P.M.		0	3					
21	06631	64	22.403	WHITE	694				694		0	
				YELLOW	694				694		0	
				R.P.M.		0	4					
22	07055	25	0.158	WHITE	600				600		0	
				YELLOW	1201				1201		0	
				R.P.M.		0	8					
23	06745	65	2.084	WHITE	895				895		0	
				YELLOW	1433				1433		0	
				R.P.M.		9	9					
24	06628	65	4.900	WHITE	1293				1293		0	
				YELLOW	2069				2069		0	
				R.P.M.		13	13					
25	06300	64	1.364	WHITE	230				230		0	
				YELLOW	230				230		0	
				R.P.M.		2	2					
26	06301	64	2.306	WHITE	293				293		0	
				YELLOW	293				293		0	
				R.P.M.		3	3					
27	05143	89	10.040	WHITE	360				360		0	
				YELLOW	360				360		0	
				R.P.M.		0	2					
28	06182	270	2.322	WHITE	352				352		0	
				YELLOW	352				352		0	
				R.P.M.		0	2					
29	06183	270	2.682	WHITE	150				150		0	
				YELLOW	150				150		0	
				R.P.M.		0	1					
30	06184	270	5.967	WHITE	286				286		0	
				YELLOW	286				286		0	
				R.P.M.		0	2					
31	06185	270	7.057	WHITE	284				284		0	
				YELLOW	284				284		0	
				R.P.M.		0	2					
32	02833	270	10.241	WHITE	132				132		0	
				YELLOW	332				332		0	
				R.P.M.		0	2					
33	06676	10	15.132	WHITE	182				182		0	
				YELLOW	182				182		0	
				R.P.M.		0	2					
34	06677	10	16.328	WHITE	182				182		0	
				YELLOW	182				182		0	
				R.P.M.		0	2					
35	05064	7	15.503	WHITE	5192				5192		0	
				YELLOW	4152				4152		0	
				R.P.M.		52	0					
SUBTOTAL (DIST. 8):					36613		88	101	17769	18844	0	0

T:\civil\kaypac - 4/28/2022 11:56:36 AM
WORKSPACE: ARDOT
Y:\Projects\AR001\06597\02408.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02408.08_0TY_001.dgn
REVISED DATE: **REVE DATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012408	50	55
QUANTITIES						



CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS - DIST. 9 (BOX 3 OF 4)

BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	DESCRIPTION	REMOVABLE CONST. PAVEMENT MARKINGS	*REMOVAL AND DISPOSAL OF PLOWABLE PAVEMENT MARKER	RAISED PAVEMENT MARKERS		THERMOPLASTIC PAVEMENT MARKING		REFLECTORIZED PAINT PAVEMENT MARKING	
							TYPE II	TYPE II	6"		6"	
							(WHITE/RED)	(YELLOW/YELLOW)	WHITE	YELLOW	WHITE	YELLOW
							EACH		WHITE	YELLOW	WHITE	YELLOW
							LIN. FT.		LIN. FT.		LIN. FT.	
36	A6475	412	6.518	WHITE	209				209		0	
				YELLOW	167					167		0
				R.P.M.			4	0				
37	B6475	412	7.154	WHITE	209				209		0	
				YELLOW	167					167		0
				R.P.M.			4	0				
38	A6476	412	5.494	WHITE	1723				1723		0	
				YELLOW	1379					1379		0
				R.P.M.			34	0				
39	B6476	412	8.175	WHITE	1723				1723		0	
				YELLOW	1379					1379		0
				R.P.M.			34	0				
40	A6477	412	4.055	WHITE	297				297		0	
				YELLOW	238					238		0
				R.P.M.			6	0				
41	B6477	412	9.612	WHITE	297				297		0	
				YELLOW	238					238		0
				R.P.M.			6	0				
42	A6478	412	2.103	WHITE	1662				1662		0	
				YELLOW	1329					1329		0
				R.P.M.			33	0				
43	B6478	412	11.589	WHITE	1679				1679		0	
				YELLOW	1344					1344		0
				R.P.M.			34	0				
44	06576	412	3.475	WHITE	210				210		0	
				YELLOW	210					210		0
				R.P.M.			0	1				
45	06577	412	3.810	WHITE	354				354		0	
				YELLOW	354					354		0
				R.P.M.			0	2				
46	06578	412	4.348	WHITE	210				210		0	
				YELLOW	210					210		0
				R.P.M.			0	1				
47	06398	62	0.915	WHITE	843				843		0	
				YELLOW	843					843		0
				R.P.M.			8	8				
48	06683	62	0.495	WHITE	273				273		0	
				YELLOW	273					273		0
				R.P.M.			0	2				
49	06586	65	3.601	WHITE	294				294		0	
				YELLOW	294					294		0
				R.P.M.			3	3				
SUBTOTAL (DIST.9):					18408		166	17	9983	8425	0	0

NOTE: 2 LANE ROADS HAVE BOTH HIGH AND LOW TRAFFIC VOLUME IN DISTRICT 9 AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. REFER TO PERMANENT PAVEMENT MARKING DETAILS FOR LIST OF HIGH AND LOW ROADS IN EACH DISTRICT.

FOR 2 LANE ROADS, THE 12" WHITE STOP BAR LIN. FT. QUANTITY FROM THE 2 LANE MAINTENANCE OF TRAFFIC DETAIL IS INCLUDED IN THE REMOVABLE CONSTRUCTION PAVEMENT MARKINGS COLUMN FOR STAGE 1 AND STAGE 2 CONSTRUCTION.

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.

CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS - DIST. 9 (BOX 4 OF 4)

BR.ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	DESCRIPTION	REMOVABLE CONST. PAVEMENT MARKINGS	*REMOVAL AND DISPOSAL OF PLOWABLE PAVEMENT MARKER	RAISED PAVEMENT MARKERS		THERMOPLASTIC PAVEMENT MARKING		REFLECTORIZED PAINT PAVEMENT MARKING	
							TYPE II	TYPE II	6"		6"	
							(WHITE/RED)	(YELLOW/YELLOW)	WHITE	YELLOW	WHITE	YELLOW
							EACH		LIN, FT.		LIN, FT.	
50	06585	65	4.163	WHITE	256				256		0	
				YELLOW	381					381		0
				R.P.M.			3	3				
51	06584	71	4.641	WHITE	294				294		0	
				YELLOW	294					294		0
				R.P.M.			3	3				
52	06058	71	9.969	WHITE	548				548		0	
				YELLOW	548					548		0
				R.P.M.			0	3				
53	06059	71	10.355	WHITE	2764				2764		0	
				YELLOW	2764					2764		0
				R.P.M.			0	17				
54	05930	71	18.159	WHITE	465				465		0	
				YELLOW	372					372		0
				R.P.M.			0	2				
55	05770	71	8.517	WHITE	6920				6920		0	
				YELLOW	6920					6920		0
				R.P.M.			0	43				
56	05769	71	9.045	WHITE	5760				5760		0	
				YELLOW	5760					5760		0
				R.P.M.			0	36				
57	07202	22	6.174	WHITE	362				362		0	
				YELLOW	362					362		0
				R.P.M.			0	2				
58	05933	255	10.529	WHITE	330				0		330	
				YELLOW	330					0		330
				R.P.M.			0	2				
59	06512	255	3.369	WHITE	484				0		484	
				YELLOW	484					0		484
				R.P.M.			0	3				
60	06370	64	4.144	WHITE	656				0		656	
				YELLOW	656					0		656
				R.P.M.			0	4				
61	06798	62	12.892	WHITE	380				0		380	
				YELLOW	380					0		380
				R.P.M.			0	2				
62	06407	109	15.781	WHITE	299				0		299	
				YELLOW	299					0		299
				R.P.M.			0	2				
63	06408	7	17.548	WHITE	232				0		232	
				YELLOW	232					0		232
				R.P.M.			0	1				
64	06409	7	20.195	WHITE	463				0		463	
				YELLOW	463					0		463
				R.P.M.			0	3				
SUBTOTAL (DIST. 9):					40458		6	126	17369	17401	2844	2844

NOTE: 2 LANE ROADS HAVE BOTH HIGH AND LOW TRAFFIC VOLUME IN DISTRICT 9 AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. REFER TO PERMANENT PAVEMENT MARKING DETAILS FOR LIST OF HIGH AND LOW ROADS IN EACH DISTRICT.

FOR 2 LANE ROADS, THE 12" WHITE STOP BAR LIN. FT. QUANTITY FROM THE 2 LANE MAINTENANCE OF TRAFFIC DETAIL IS INCLUDED IN THE REMOVABLE CONSTRUCTION PAVEMENT MARKINGS COLUMN FOR STAGE 1 AND STAGE 2 CONSTRUCTION.

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.

SUBTOTALS DIST. 4 - (BOX 1 OF 4):	42615	10	48	131	21124	21491	0	0
SUBTOTALS DIST. 8 - (BOX 2 OF 4):	36613		88	101	17769	18844	0	0
SUBTOTALS DIST. 9 - (BOX 3 OF 4) & (BOX 4 OF 4):	58866		172	143	27352	25826	2844	2844
PROJECT TOTALS:	138094	10	308	375	66245	66161	2844	2844

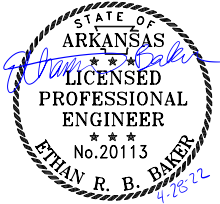
QUANTITIES

SCHEDULE OF BRIDGE QUANTITIES - JOB NO. 012408												DATE REVISED	DATE FILMED	DATE REVISED
DISTRICT	SITE NO.	COUNTY	ROUTE	SECTION	LOG MILE	BRIDGE NO.	SP & 509	SS & 804	SS & 804	SS & 809	821	SP JOB 012408	SP JOB 012408	
							JOINT REHABILITATION (TYPE A)	REINFORCING STEEL- BRIDGE (GRADE 60)	EPOXY COATED REINFORCING STEEL (GRADE 60)	SILICONE JOINT SEALANT	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. _____)	BRIDGE DECK REPAIR FOR POLYMER OVERLAYS	POLYMER OVERLAY	
							LIN. FT.	POUND	POUND	LIN. FT.	LUMP SUM	SQ. FT.	SQ. YD.	
4	1	POLK	HWY. 71	8	9.882	06766 ②			180	98 ⑦		209.9	466.5	
	2	SCOTT	HWY. 71	10	23.207	05290 ②	181	520		137 ⑦	1 ⑨	602.0	1,337.8	
	3	SEBASTIAN	HWY. 71	13	8.823	B5192 ②			170	83 ⑦		199.5	443.4	
	4	SEBASTIAN	HWY. 71	13	9.795	B5193 ②			170	88 ⑦		199.5	443.4	
	5	SEBASTIAN	HWY. 71	14	0.254	B5194 ②			300	88 ⑦		342.0	760.0	
	6	SEBASTIAN	HWY. 71	14	4.451	06206 ②		180		199 ⑦		210.0	466.7	
	7	SEBASTIAN	HWY. 22	1	13.088	07154 ③⑤			1,120			1,312.5	2,940.0	
	8	SEBASTIAN	HWY. 255	4	3.029	05662 ③	195	200				231.0	513.4	
	9	SEBASTIAN	HWY. 255	5	1.558	05360 ③	93	200				225.8	514.0	
	10	CRAWFORD	HWY. 64	2	7.323	B2280 ②			850	520 ⑦		990.0	2,209.0	
	11	WASHINGTON	HWY. 62	1	17.138	06732 ②			1,120		1 ⑩	1,316.7	2,926.0	
	12	LOGAN	HWY. 109	3	7.785	05600 ④		10,890		67 ⑦		12,802.3	28,449.5	
TOTALS FOR DISTRICT 4							469	11,990	3,910	1,280		18,641.2	41,469.7	
8	13	YELL	HWY. 7	13	0.966	05378 ③	156	250				292.5	650.0	
	14	YELL	HWY. 7	13	1.177	05379 ③④	156	250				733.0	650.0	
	15	YELL	HWY. 7	13	3.424	06487 ②			650			760.0	1,688.9	
	16	YELL	HWY. 7	13	6.293	06595 ③	86		160			180.0	400.0	
	17	POPE	HWY. 7	14	1.447	A2680 ②		320		287 ⑦		364.9	810.9	
	18	POPE	HWY. 124	1	0.845	07014 ②			710	170 ⑦		832.2	1,849.4	
	19	CONWAY	HWY. 9	7	5.230	05050 ④		2,250		57 ⑦⑧		2,645.3	5,878.5	
	20	CONWAY	HWY. 95	1	7.854	05586 ②		400		204 ⑦		468.0	1,040.0	
	21	CONWAY	HWY. 64	7	22.403	06631 ②		470				552.0	1,226.7	
	22	FAULKNER	HWY. 25	0	0.158	07055 ②⑤			660			774.8	1,721.8	
	23	FAULKNER	HWY. 65	9	2.084	06745 ②⑤			1,060			500.0	2,768.9	
	24	FAULKNER	HWY. 65	9	4.900	06628 ②			1,540			500.0	4,005.6	
	25	FAULKNER	HWY. 64	9	1.364	06300 ②			230	150 ⑦		261.0	580.0	
	26	FAULKNER	HWY. 64	9	2.306	06301 ②			290	150 ⑦		333.5	741.2	
	27	FAULKNER	HWY. 89	4	10.040	05143 ④	120	190				216.0	480.0	
	28	MONTGOMERY	HWY. 270	4	2.322	06182 ②			330	95 ⑦		382.8	850.7	
	29	MONTGOMERY	HWY. 270	4	2.682	06183 ②			140	95 ⑦		160.6	356.9	
	30	MONTGOMERY	HWY. 270	4	5.967	06184 ②			270	132 ⑦		308.0	684.5	
	31	MONTGOMERY	HWY. 270	4	7.057	06185 ②			270	101 ⑦		308.0	684.5	
	32	MONTGOMERY	HWY. 270	4	10.241	02833 ①	52	80				85.8	190.7	
	33	YELL	HWY. 10	4	15.132	06676 ②		120		80 ⑦		139.6	310.1	
	34	YELL	HWY. 10	4	16.328	06677 ②		120		72 ⑦		139.6	310.1	
	35	YELL	HWY. 7	13	15.503	05064 ④		4,950		114 ⑦	1 ⑪⑫	5,812.8	12,917.4	
TOTALS FOR DISTRICT 8							570	9,400	6,310	1,707		16,750.4	40,796.8	
9	36	BENTON	HWY. 412	1	6.518	A6475 ②			280		1 ⑩	326.8	726.3	
	37	BENTON	HWY. 412	1	7.154	B6475 ②			280		1 ⑩	326.8	726.3	
	38	BENTON	HWY. 412	1	5.494	A6476 ②			2,340		1 ⑩	2,752.2	6,115.9	
	39	BENTON	HWY. 412	1	8.175	B6476 ②			2,340		1 ⑩	2,752.2	6,115.9	
	40	BENTON	HWY. 412	1	4.055	A6477 ②			410		1 ⑩	476.5	1,058.8	
	41	BENTON	HWY. 412	1	9.612	B6477 ②			400		1 ⑩	465.8	1,035.1	
	42	BENTON	HWY. 412	1	2.103	A6478 ②			2,260		1 ⑩	2,654.1	5,897.9	
	43	BENTON	HWY. 412	1	11.589	B6478 ②			2,290		1 ⑩	2,682.4	5,960.9	
	44	CARROLL	HWY. 412	5	3.475	06576 ②	80		180			210.0	466.7	
	45	CARROLL	HWY. 412	5	3.810	06577 ②			300	87 ⑦		350.0	777.8	
	46	CARROLL	HWY. 412	5	4.348	06578 ②	125		180			210.0	466.7	
	47	BOONE	HWY. 62	6	0.915	06398 ②			970	428 ⑦		1,139.0	2,531.2	
	48	BOONE	HWY. 62	6X	0.495	06683 ②⑤			290			337.5	750.0	
	49	BOONE	HWY. 65	2	3.601	06586 ②			260	158 ⑦		299.0	664.5	
	50	BOONE	HWY. 65	2	4.163	06585 ②			250	172 ⑦	1 ⑬	290.0	644.5	
	51	BOONE	HWY. 65	2	4.641	06584 ②			290	172 ⑦		333.5	741.2	
	52	MARION	HWY. 62	9	9.969	06058 ②			510	95 ⑦		598.4	1,329.8	
	53	MARION	HWY. 62	9	10.355	06059 ②			2,590	95 ⑦	1 ⑫	3,036.0	6,746.5	
	54	BAXTER	HWY. 5	18	18.159	05930 ②			320	87 ⑦		368.0	817.8	
	55	BAXTER	HWY. 62	11	8.517	05770 ④		6,480				7,612.0	16,915.6	
	56	BAXTER	HWY. 101	1	9.045	05769 ④		3,920			1 ⑪	4,608.0	10,240.0	
	57	SEARCY	HWY. 65	6	6.174	07202 ②			310			360.0	800.0	
	58	MADISON	HWY. 16	4	10.529	05933 ②	128	230				264.0	586.7	
	59	MADISON	HWY. 23	8	3.369	06512 ③		370		79 ⑦	1 ⑭	432.0	960.0	
	60	MADISON	HWY. 23	8	4.144	06370 ④			500	326 ⑦		585.0	1,300.0	
	61	MADISON	HWY. 23	8	12.892	06798 ②			1,120		1 ⑫	1,314.0	2,920.0	
	62	MADISON	HWY. 23	8	15.781	06407 ②			230	190 ⑦		264.6	588.0	
	63	MADISON	HWY. 23	8	17.548	06408 ②			180	158 ⑦		205.2	456.0	
	64	MADISON	HWY. 23	8	20.195	06409 ②			360	219 ⑦		412.2	916.0	
TOTALS FOR DISTRICT 9							333	11,000	19,440	2,266		35,665.2	79,256.1	
TOTALS FOR JOB 012408							1,372	32,390 ⑥	29,660 ⑥	5,253		71,056.8 ⑥	161,522.6	

- ① EXISTING BRIDGE DECK HAS AN ASPHALT OVERLAY. SEE ROADWAY PLANS FOR AVERAGE DEPTH AT EACH BRIDGE SITE.
- ② EXISTING BRIDGE DECK HAS NO ASPHALT OVERLAY.
- ③ EXISTING BRIDGE DECK HAS REMNANTS OF AN ASPHALT OVERLAY NEAR THE BRIDGE ENDS.
- ④ EXISTING BRIDGE DECK HAS SPALLS FILLED WITH ASPHALT.
- ⑤ REMOVE IMPACTED DEBRIS FROM STRIP SEAL JOINTS BY POWERWASHING TOP OF JOINTS. COST WILL BE SUBSIDIARY TO OTHER ITEMS OF WORK.

- ⑥ QUANTITY SHOWN IS FOR ESTIMATING AND BIDDING PURPOSES ONLY. ACTUAL QUANTITY, IF ANY, WILL BE DETERMINED IN THE FIELD.
- ⑦ EXISTING BRIDGE HAS FILLED JOINTS TO BE REMOVED AND REPLACED WITH POURED SILICONE JOINTS.
- ⑧ EXISTING BRIDGE HAS SLIDER PLATE JOINTS TO BE PARTIALLY REMOVED AND REPLACED WITH POURED SILICONE JOINTS.
- ⑨ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REPAIR OF 10' SECTION OF L4"x3"x¾" JOINT ARMOR AT BENT 3.
- ⑩ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REMOVAL AND REPLACEMENT OF NEOPRENE STRIP SEAL JOINT MATERIAL.

- ⑪ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REMOVAL OF DEBRIS AT FINGER JOINTS BY POWERWASHING TROUGH THROUGH ACCESS BETWEEN FINGERS.
- ⑫ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REMOVAL OF DEBRIS AT SLIDER PLATE JOINTS BY POWERWASHING TOP OF JOINTS.
- ⑬ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REPAIR OF BACKWALL AT BOTH END BENTS.
- ⑭ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REPAIR OF BACKWALL AND JOINT ARMOR AT BOTH END BENTS.



BRIDGE ENGINEER

PRINT DATE: 4/28/2022

SCHEDULE OF BRIDGE QUANTITIES
DISTRICTS 4, 8, & 9
BRIDGE PRESERVATION (2022) (S)
VARIOUS COUNTIES
ROUTE VARIES SECTION VARIES
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS

DRAWN BY: ERBB DATE: 01/2022 FILENAME: B012408_Q1.dgn
CHECKED BY: MKL DATE: 02/2022
DESIGNED BY: ERBB DATE: 01/2022 SCALE: NO SCALE
BRIDGE NO. DISTRICTS 4, 8, & 9 BRIDGES DRAWING NO. 65179

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
06-07-22		6	ARK.	012408	52	55
		SUMMARY OF QUANTITIES & REVISIONS				

6-7-22

SUMMARY OF QUANTITIES

REVISIONS

Ethan Baker
4/28/2022 10:13:38 AM
WORKSPACE: ARDOT
Y:\Projects\ARDOT_186597_012408_Bridge Preservation\Design\BRIDGE - wo AG\Drawings\B012408_DT4.dgn
REVISD DATE:

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO.	012408	53
								55

1DISTRICT 4 BRIDGES - BRIDGE DATA - 65180

BRIDGE PRESERVATION DATA TABLE
(DISTRICT 4)

CURRENT CONST. CONTRACT SITE NO.	BRIDGE NO.	ORIGINAL CONTRACT NO.	COUNTY	ROUTE	SECTION	DECK TREATMENT TYPE	BRIDGE JOINT TREATMENT STD. DRAWING	BRIDGE JOINT TREATMENT LOCATION
1	06766	040029	POLK	HWY. 71	8	POLYMER OVERLAY	55064	BENTS 1 & 2
2	05290	4612	SCOTT	HWY. 71	10	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 1-3 / BENTS 4-7
3	B5192	040103	SEBASTIAN	HWY. 71	13	POLYMER OVERLAY	55064	BENTS 1 & 4
4	B5193	040103	SEBASTIAN	HWY. 71	13	POLYMER OVERLAY	55064	BENTS 1 & 4
5	B5194	040103	SEBASTIAN	HWY. 71	14	POLYMER OVERLAY	55064	BENTS 1 & 4
6	06206	R40052	SEBASTIAN	HWY. 71	14	POLYMER OVERLAY	55064	BENTS 1-4
7	07154	040487	SEBASTIAN	HWY. 22	1	POLYMER OVERLAY	N/A	REMOVE IMPACTED DEBRIS AT STRIP SEAL JOINTS (BENTS 1 & 6)
8	05662	4644	SEBASTIAN	HWY. 255	4	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 1-4
9	05360	4643	SEBASTIAN	HWY. 255	5	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2 & 3
10	B2280	4935	CRAWFORD	HWY. 64	2	POLYMER OVERLAY	55064	BENTS 1-12
11	06732	040027	WASHINGTON	HWY. 62	1	POLYMER OVERLAY	55064	BENTS 1 & 8
12	05600	1467/1442	LOGAN	HWY. 109	3	POLYMER OVERLAY	55064	BENTS 1 & 61



BRIDGE ENGINEER
PRINT DATE: 4/28/2022

BRIDGE NO. DISTRICT 4 BRIDGES
DRAWN BY: ERBB
CHECKED BY: SFH
DESIGNED BY: ERBB
DATE: 01/2022
DATE: 02/2022
DATE: 11/2021
FILENAME: B012408_DT4.dgn
SCALE: NO SCALE
65180

BRIDGE PRESERVATION DATA TABLE
DISTRICT 4
ROUTE VARIES SECTION VARIES
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS

Ethan Baker 4/28/2022 10:13:39 AM
WORKSPACE: ARDOT
Y:\Projects\ARDOT_186597_012408_Bridge Preservation\Design\BRIDGE - wo AG\Drawings\B012408_DT8.dgn
REVISED DATE:

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
						JOB NO.	012408	54 55
DISTRICT 8 BRIDGES - BRIDGE DATA - 65181								

BRIDGE PRESERVATION DATA TABLE
(DISTRICT 8)

CURRENT CONST. CONTRACT SITE NO.	BRIDGE NO.	ORIGINAL CONTRACT NO.	COUNTY	ROUTE	SECTION	DECK TREATMENT TYPE	BRIDGE JOINT TREATMENT STD. DRAWING	BRIDGE JOINT TREATMENT LOCATION
13	05378	8664	YELL	HWY. 7	13	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2-5
14	05379	8664	YELL	HWY. 7	13	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2-5
15	06487	80012	YELL	HWY. 7	13	POLYMER OVERLAY	N/A	N/A
16	06595	008931	YELL	HWY. 7	13	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2 & 3
17	A2680	8564	POPE	HWY. 7	14	POLYMER OVERLAY	55064	BENTS 1-4
18	07014	080197	POPE	HWY. 124	1	POLYMER OVERLAY	55064	ABUTMENT 1 & ABUTMENT 2
19	05050	8595	CONWAY	HWY. 9	7	POLYMER OVERLAY	55064	END BENT 1 & END BENT 2
20	05586	8684	CONWAY	HWY. 95	1	POLYMER OVERLAY	55064	BENTS 1-4
21	06631	008495	CONWAY	HWY. 64	7	POLYMER OVERLAY	N/A	N/A
22	07055	080223	FAULKNER	HWY. 25	0	POLYMER OVERLAY	N/A	REMOVE IMPACTED DEBRIS AT STRIP SEAL JOINTS (BENTS 1 & 3)
23	06745	R80065	FAULKNER	HWY. 65	9	POLYMER OVERLAY	N/A	REMOVE IMPACTED DEBRIS AT STRIP SEAL JOINTS (BENTS 1 & 5)
24	06628	R80064	FAULKNER	HWY. 65	9	POLYMER OVERLAY	N/A	N/A
25	06300	8959	FAULKNER	HWY. 64	9	POLYMER OVERLAY	55064	BENTS 1 & 4
26	06301	8959	FAULKNER	HWY. 64	9	POLYMER OVERLAY	55064	BENTS 1 & 4
27	05143	8615	FAULKNER	HWY. 89	4	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2-6
28	06182	3910	MONTGOMERY	HWY. 270	4	POLYMER OVERLAY	55064	BENTS 1 & 5
29	06183	3910	MONTGOMERY	HWY. 270	4	POLYMER OVERLAY	55064	BENTS 1 & 2
30	06184	3910	MONTGOMERY	HWY. 270	4	POLYMER OVERLAY	55064	BENTS 1 & 4
31	06185	3910	MONTGOMERY	HWY. 270	4	POLYMER OVERLAY	55064	BENT 1 & ABUTMENT 1
32	02833	4365	MONTGOMERY	HWY. 270	4	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2 & 3
33	06676	008929	YELL	HWY. 10	4	POLYMER OVERLAY	55064	BENTS 1 & 4
34	06677	008929	YELL	HWY. 10	4	POLYMER OVERLAY	55064	BENTS 1 & 4
35	05064	8617, 8618	YELL	HWY. 7	13	POLYMER OVERLAY	55064	EAST ABUTMENT & WEST ABUTMENT. CLEAN DEBRIS AT FINGER JOINTS (PIERS 4 & 7) AND SLIDER PLATES (PIER 11)



BRIDGE ENGINEER
PRINT DATE: 4/28/2022

BRIDGE NO. DISTRICT 8 BRIDGES
DRAWING NO. 65181
DRAWN BY: ERBB
CHECKED BY: SFH
DESIGNED BY: ERBB
DATE: 01/2022
DATE: 02/2022
DATE: 11/2021
SCALE: NO SCALE
FILENAME: B012408_DT8.dgn

BRIDGE PRESERVATION DATA TABLE
DISTRICT 8
ROUTE VARIES SECTION VARIES
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS

Ethan Baker
4/28/2022 10:13:40 AM
WORKSPACE: ARDOT
Y:\Projects\ARDOT_186597_012408_Bridge Preservation\Design\BRIDGE - wo AG\Drawings\B012408_DT9.dgn
REVISD DATE:

BRIDGE PRESERVATION DATA TABLE
(DISTRICT 9)

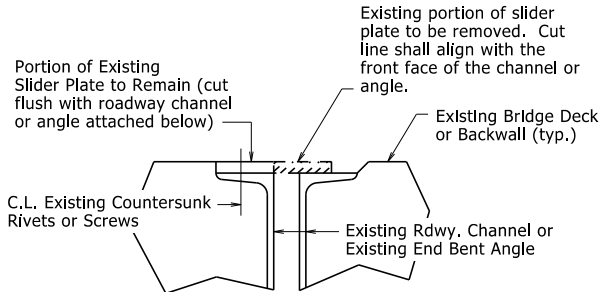
CURRENT CONST. CONTRACT SITE NO.	BRIDGE NO.	ORIGINAL CONTRACT NO.	COUNTY	ROUTE	SECTION	DECK TREATMENT TYPE	BRIDGE JOINT TREATMENT STD. DRAWING	BRIDGE JOINT TREATMENT LOCATION
36	A6475	9943	BENTON	HWY. 412	1	POLYMER OVERLAY	55064	BENTS 1A & 4A
37	B6475	9943	BENTON	HWY. 412	1	POLYMER OVERLAY	55064	BENTS 1B & 4B
38	A6476	9944	BENTON	HWY. 412	1	POLYMER OVERLAY	55064	BENTS 1A, 5A, 9A, 13A, 17A & 21A
39	B6476	9944	BENTON	HWY. 412	1	POLYMER OVERLAY	55064	BENTS 1B, 5B, 9B, 13B, 17B & 21B
40	A6477	9945	BENTON	HWY. 412	1	POLYMER OVERLAY	55064	BENTS 1A & 4A
41	B6477	9945	BENTON	HWY. 412	1	POLYMER OVERLAY	55064	BENTS 1B & 4A
42	A6478	9945	BENTON	HWY. 412	1	POLYMER OVERLAY	55064	BENT 1A, 5A, 9A, 13A, 17A & 20A
43	B6478	9945	BENTON	HWY. 412	1	POLYMER OVERLAY	55064	BENT 1B, 5B, 9B, 13B, 17B & 20B
44	06576	R90085	CARROLL	HWY. 412	5	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2 & 3
45	06577	R90085	CARROLL	HWY. 412	5	POLYMER OVERLAY	55064	BENTS 1 & 4
46	06578	R90085	CARROLL	HWY. 412	5	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2 & 3
47	06398	9869	BOONE	HWY. 62	6	POLYMER OVERLAY	55064	BENTS 1-6
48	06683	090004	BOONE	HWY. 62	6X	POLYMER OVERLAY	N/A	REMOVE IMPACTED DEBRIS AT STRIP SEAL JOINTS (ABUTMENTS 1 & 3)
49	06586	R90021	BOONE	HWY. 65	2	POLYMER OVERLAY	55064	BENTS 1 & 4
50	06585	R90021	BOONE	HWY. 65	2	POLYMER OVERLAY	55064 & 55065	BENTS 1 & 4 (BOTH WITH BACKWALL REPAIR)
51	06584	R90021	BOONE	HWY. 65	2	POLYMER OVERLAY	55064	BENTS 1 & 4
52	06058	9783	MARION	HWY. 62	9	POLYMER OVERLAY	55064	WEST ABUTMENT & EAST ABUTMENT
53	06059	9783	MARION	HWY. 62	9	POLYMER OVERLAY	55064	WEST ABUTMENT & EAST ABUTMENT. CLEAN DEBRIS AT SLIDER PLATES (PIERS 3, 6, & 9)
54	05930	009774	BAXTER	HWY. 5	18	POLYMER OVERLAY	55064	BENTS 1 & 3
55	05770	79-C-0055	BAXTER	HWY. 62	11	POLYMER OVERLAY	N/A	N/A
56	05769	79-C-0055	BAXTER	HWY. 101	1	POLYMER OVERLAY	N/A	CLEAN DEBRIS AT FINGER JOINTS (SOUTH ABUTMENT, PIER 5, PIER 9, & NORTH ABUTMENT)
57	07202	090280	SEARCY	HWY. 65	6	POLYMER OVERLAY	N/A	N/A
58	05933	9689	MADISON	HWY. 16	4	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2-5
59	06512	009902	MADISON	HWY. 23	8	POLYMER OVERLAY	55064 & 55065	BENTS 1 & 5 (BOTH WITH BACKWALL REPAIR)
60	06370	9816	MADISON	HWY. 23	8	POLYMER OVERLAY	55064	BENTS 1-6
61	06798	009917	MADISON	HWY. 23	8	POLYMER OVERLAY	N/A	CLEAN DEBRIS AT SLIDER PLATES (BENTS 1, 3, 5 & 7)
62	06407	9690	MADISON	HWY. 23	8	POLYMER OVERLAY	55064	BENTS 1-4
63	06408	9690	MADISON	HWY. 23	8	POLYMER OVERLAY	55064	BENTS 1-4
64	06409	9690	MADISON	HWY. 23	8	POLYMER OVERLAY	55064	BENTS 1-5



BRIDGE ENGINEER
PRINT DATE: 4/28/2022

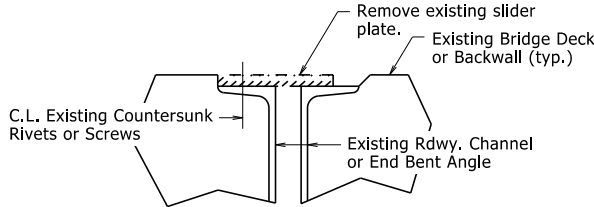
BRIDGE PRESERVATION DATA TABLE
DISTRICT 9
ROUTE VARIES SECTION VARIES
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS
DRAWN BY: ERBB DATE: 01/2022 FILENAME: B012408_DT9.dgn
CHECKED BY: SFH DATE: 02/2022
DESIGNED BY: ERBB DATE: 11/2021 SCALE: NO SCALE
BRIDGE NO. DISTRICT 9 BRIDGES DRAWING NO. 65182

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.				
1JOINT REPAIR - 55064								



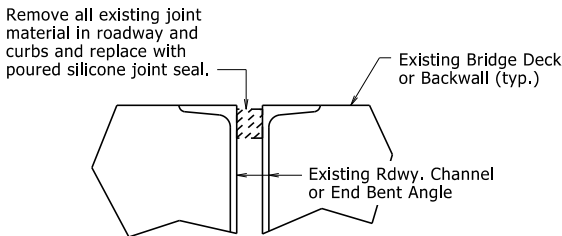
REMOVAL DETAILS AT EXISTING SLIDER PLATE JOINTS

At the direction of the Engineer, the portion of existing slider plate shown shall be removed and replaced with a new plate as shown in "SLIDER PLATE JOINT MODIFICATION". The portion of existing slider plate shall be removed and disposed of in accordance with Section 821. The cut face shall be ground square and flush with the face of the existing angle or channel. Removal and disposal of existing slider plate material will not be paid for directly, but shall be considered subsidiary to the item "Silicone Joint Sealant". Properly functioning slider plates need not be modified.



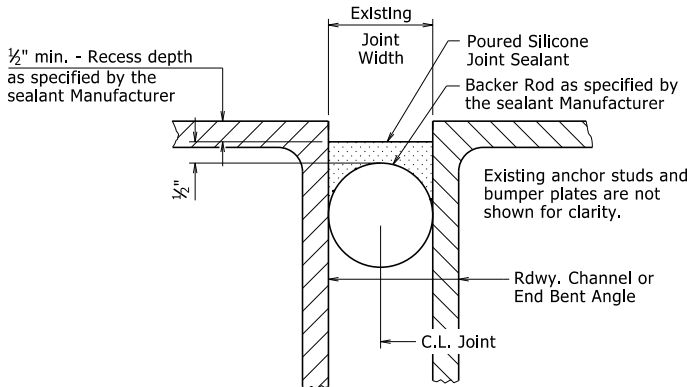
REMOVAL DETAILS AT EXISTING SLIDER PLATE JOINTS WITH GRADE RAISE

The existing slider plate shown shall be removed and replaced with new plates as shown in "JOINT MODIFICATION WITH GRADE RAISE". The existing slider plate shall be removed and disposed of in accordance with Section 821. Removal and disposal of existing slider plate material will not be paid for directly, but shall be considered subsidiary to the item "Silicone Joint Sealant".



REMOVAL DETAILS AT EXISTING FILLED JOINTS

The existing joint material shall be removed and disposed of in accordance with Section 821. Removal and disposal of existing joint material will not be paid for directly, but shall be considered subsidiary to the item "Silicone Joint Sealant".



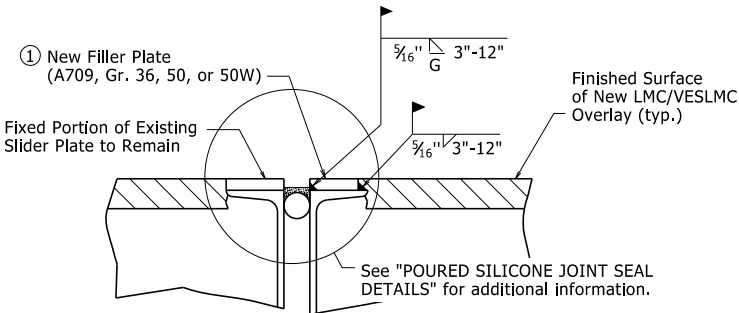
POURED SILICONE JOINT SEAL DETAILS

Existing Joint Seal shall be completely removed, backer rods placed, and Silicone Joint Sealant installed across the entire width of the bridge deck in accordance with these details, Section 809, and the Manufacturer's recommendations. Removal of existing Joint Seal will not be paid for directly, but shall be considered incidental to the item "Silicone Joint Sealant".

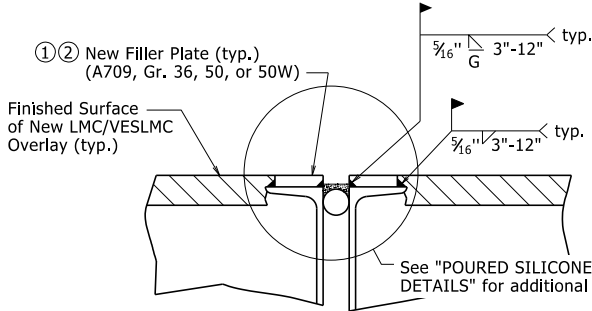
Backer rods shall be extended beyond the length of the poured joint in the initial joint repair area so that the two pieces can be properly spliced together prior to installing sealant for the adjacent joint repair. Manufacturer's recommendations shall be followed to prevent sealant leakage during repair work.

Backer rods shall be appropriately sized and set to the depth shown in the Manufacturer's literature based on the joint width at the time of sealing. Except as noted, do not install more backer rod than can be sealed in the same day. The Contractor shall verify separation of the backer rod from the joint material after joint material has set.

Backer rod shall be notched or otherwise fit around any existing seal supports or bumper plates to maintain its proper depth as defined above.



SLIDER PLATE JOINT MODIFICATION

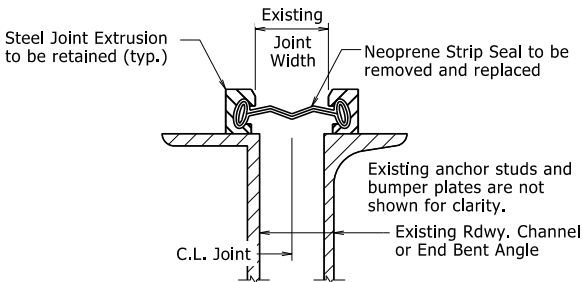


JOINT MODIFICATION WITH GRADE RAISE

- ① New field attached plates atop existing roadway channels or angles are required. The plate thickness shall be adjusted as necessary to match surface of finished surface of LMC/VESLMC Overlay and the width shall be $\frac{3}{8}$ " less than the existing channel flange or angle width to allow for fillet weld as shown.

All new Structural Steel shall be ASTM A709 (Gr. 36, 50, or 50W). The surfaces not in contact with concrete shall be cleaned and painted in accordance with Section 638. Only one coat of paint is required and shall be applied in the fabricator's shop. Grade 50W steel shall not be painted, but shall be cleaned in accordance with Subsection 807.84(e). Structural Steel and Painting will not be paid for directly, but shall be subsidiary to the item "Silicone Joint Sealant".

- ② Details shown are for an expansion joint where two bridge units meet. Eliminate filler plate on backwall and proceed with backwall repair in accordance with "BACKWALL REPAIR REMOVAL DETAIL" and "BACKWALL REPAIR INSTALLATION DETAIL" at end bents for bridge decks with grade raise, see Standard Drawing Number 55065.



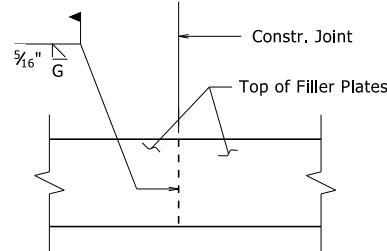
STRIP SEAL JOINT DETAILS

Existing neoprene strip seal joint material shall be completely removed and new neoprene strip seal joint material shall be installed across the entire width of the steel extrusions in accordance with these details, Section 809, and the Manufacturer's recommendations. Prior to installing the new joint material, the Contractor shall clean the steel extrusion at the Engineer's direction and in accordance with the new strip seal joint material Manufacturer's recommendations.

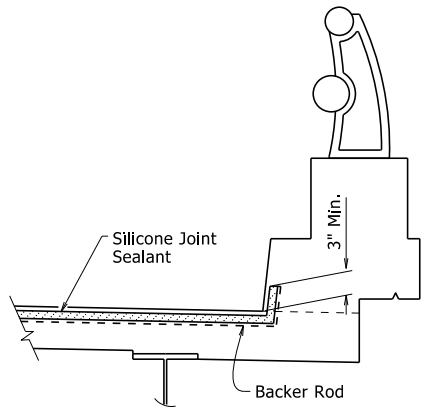
Removal and replacement of the existing neoprene strip seal joint material will require the removal of the parapet slider plates, where present. Parapet slider plates removed for this work shall be reinstalled after installation of the new neoprene strip seal joint material.

The new neoprene strip seal joint material shall provide a movement rating of four inches. The repaired expansion joint shall be capable of sealing the deck surface and parapet area to prevent moisture and other contaminants from descending through the joint.

All work and material associated with removing the existing joint material, cleaning the extrusions, removal and reinstallation of parapet slider plates, and installation of new joint material shall be paid for under the item "Modification of Existing Bridge Structure (Bridge No. _)".

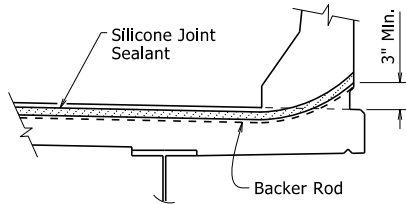


PLAN VIEW OF FILLER PLATE

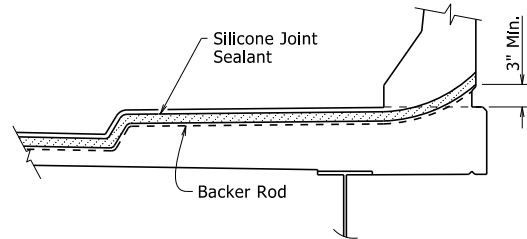


SILICONE JOINT SEAL PLACEMENT AT CURB

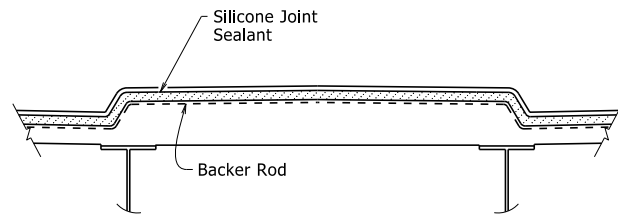
Vertical joints may require forming. The clearance from deck surface to joint material shall be maintained.



SILICONE JOINT SEAL PLACEMENT AT RAIL



SILICONE JOINT SEAL PLACEMENT AT SIDEWALK



SILICONE JOINT SEAL PLACEMENT AT MEDIAN

This document was originally issued and sealed by Charles R. Ellis, PE No. 9235, on November 7, 2019. This copy is not a signed and sealed document.

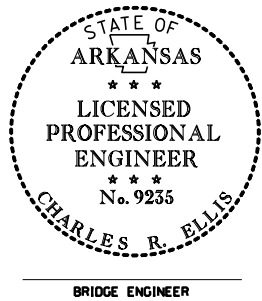
STANDARD DETAILS FOR JOINT REPAIRS & MODIFICATIONS

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

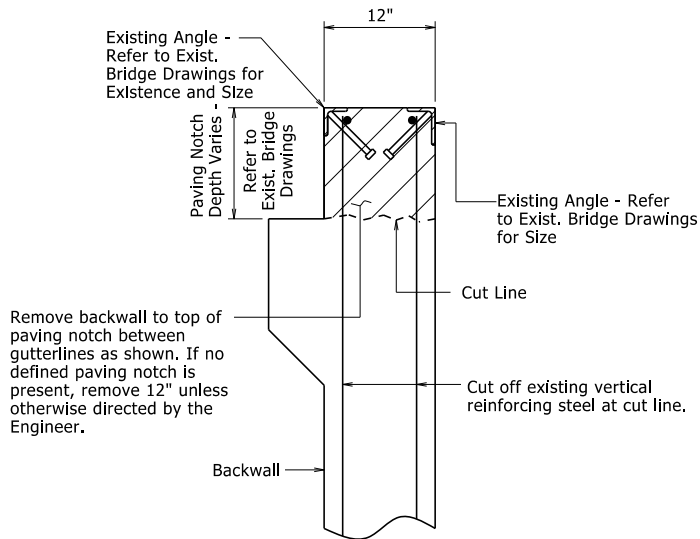
DRAWN BY: KWK DATE: 11/7/2019 FILENAME: b55064.dgn
CHECKED BY: SWP DATE: 11/7/2019 SCALE: None
DESIGNED BY: STD. DATE: -----

DRAWING NO. 55064



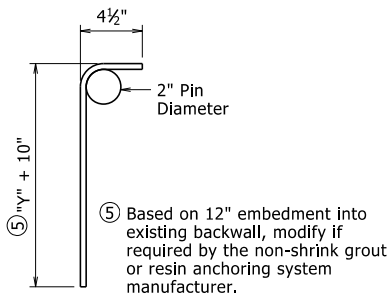
BRIDGE ENGINEER

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.				
				1 BACKWALL REPAIR - 55065				

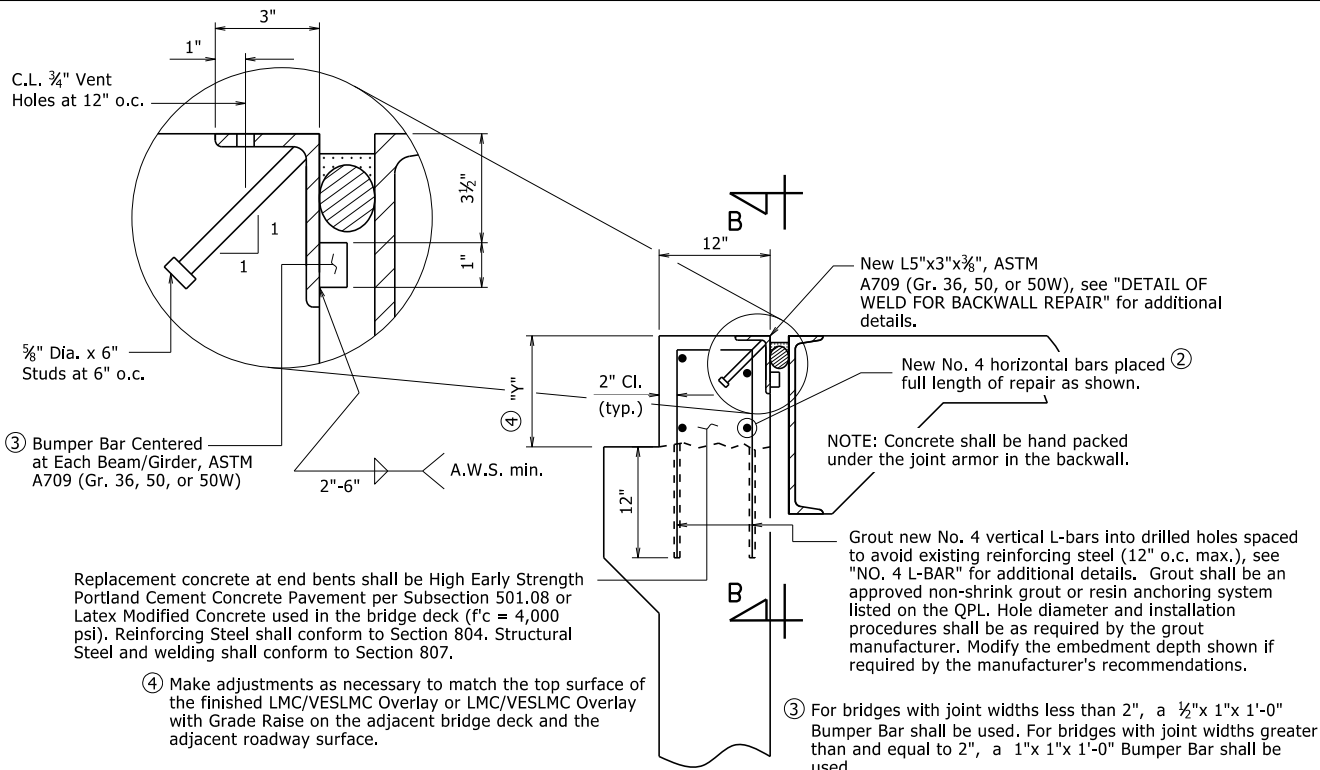


BACKWALL REPAIR REMOVAL DETAIL

The portion of the backwall above the paving bracket as shown shall be removed and disposed of in accordance with Section 821. Payment for all materials, labor, tools, and equipment required for this work will be inclusive to the item "Modification of Existing Bridge Structure (Bridge No. _)".

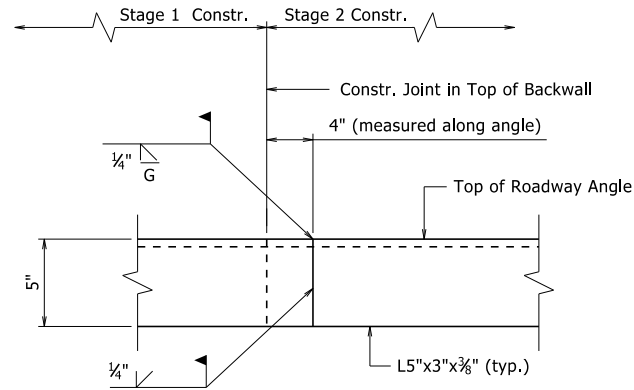


NO. 4 L-BAR

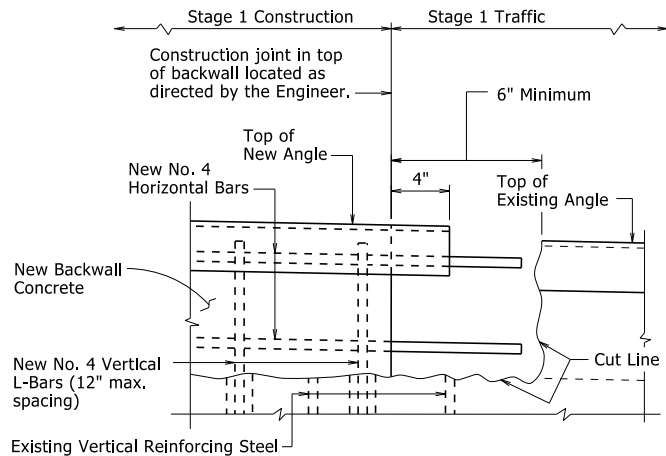


BACKWALL REPAIR INSTALLATION DETAIL

The portion of the backwall above the paving bracket shall be reconstructed as shown. Payment for all materials, labor, tools, and equipment required for this work will be inclusive to the item "Modification of Existing Bridge Structure (Bridge No. _)". Details shown for LMC/VESLMC Overlay without grade raise; details similar for LMC/VESLMC Overlay with grade raise.

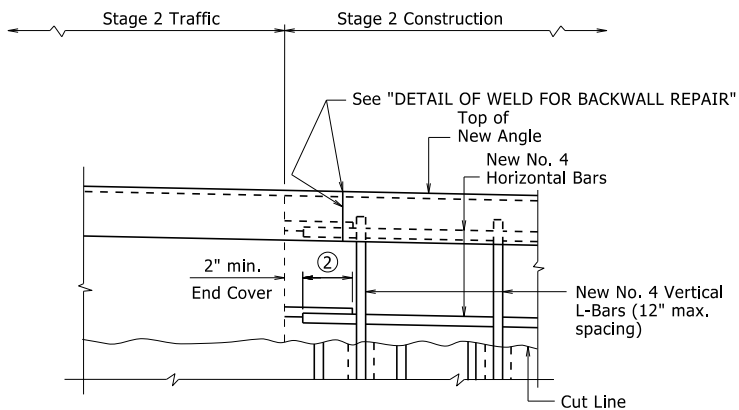


DETAIL OF WELD FOR BACKWALL REPAIR



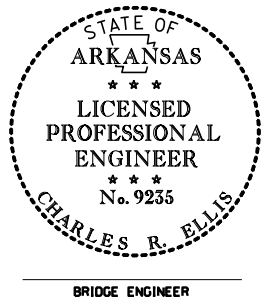
VIEW B-B, STAGE 1

Details shown for LMC/VESLMC Overlay with grade raise; details similar for LMC/VESLMC Overlay without grade raise.



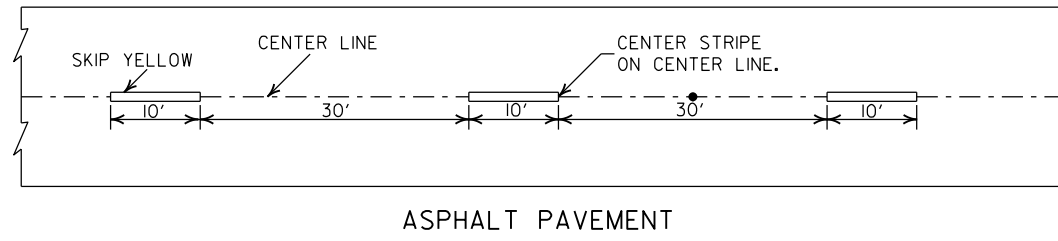
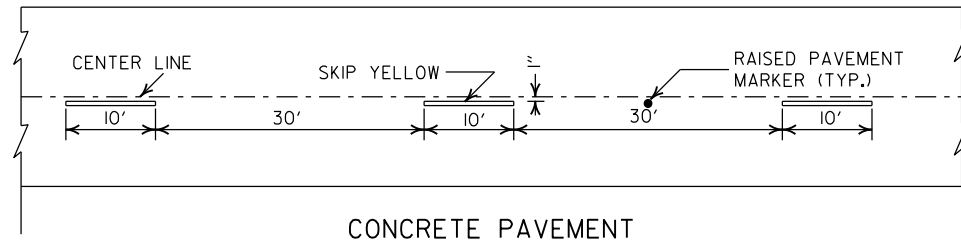
VIEW B-B, STAGE 2

- Details shown are typical for staged construction. When full width rehabilitation of a bridge deck is possible, eliminate construction joint shown and perform the backwall repair in one operation for full repair width.
- The 32 bar diameter minimum lap per Subsection 804.07 may be waived if this requirement cannot be met due to construction conditions. In this situation, the lap length shall be maximized as much as practical.

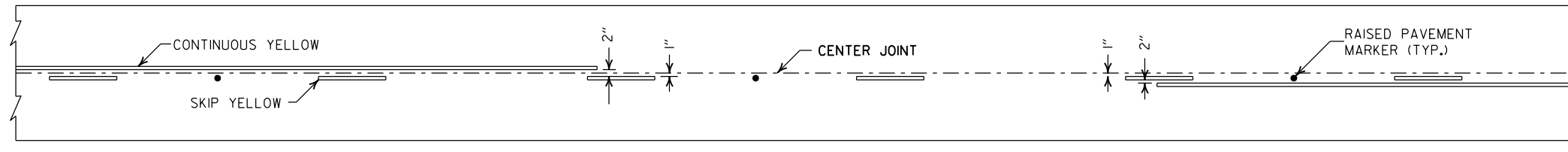


This document was originally issued and sealed by Charles R. Ellis, PE No. 9235, on November 7, 2019. This copy is not a signed and sealed document.

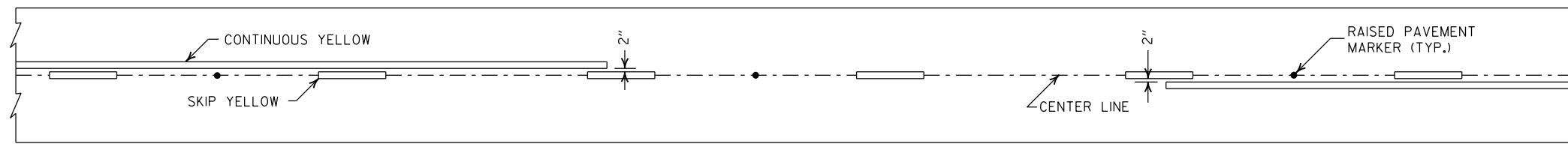
STANDARD DETAILS FOR
BACKWALL REPAIRS
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.
DRAWN BY: KWK DATE: 11/7/2019 FILENAME: b55065.dgn
CHECKED BY: SWP DATE: 11/7/2019 SCALE: None
DESIGNED BY: STD. DATE: -----
DRAWING NO. 55065



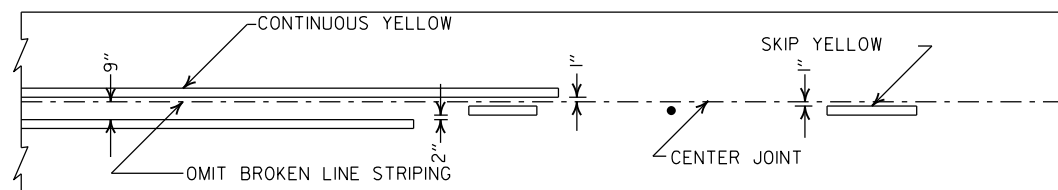
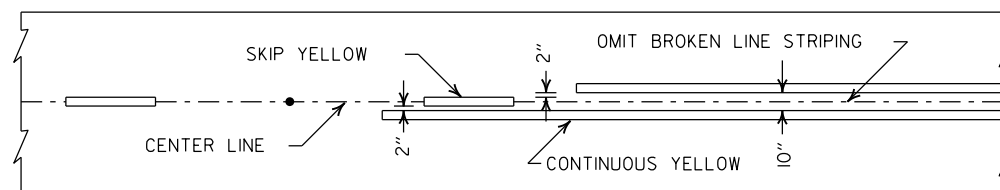
BROKEN LINE STRIPING



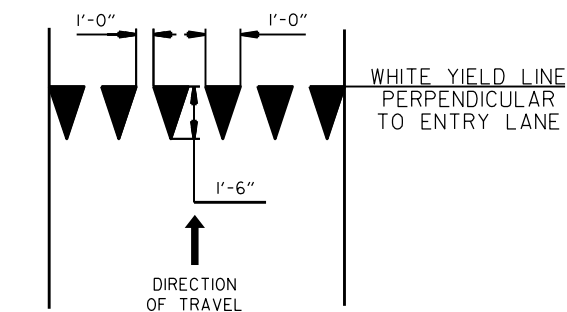
SOLID LINE STRIPING ON CONCRETE PAVEMENT



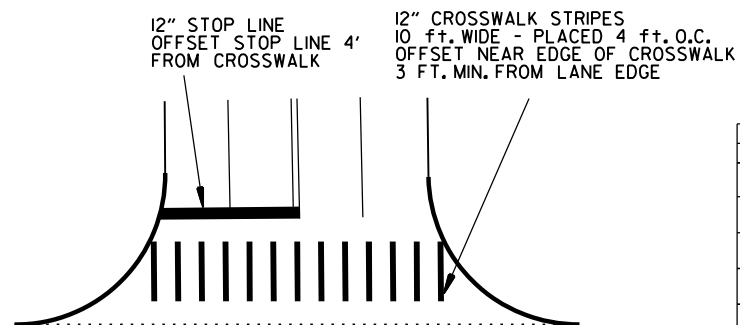
SOLID LINE STRIPING ON ASPHALT PAVEMENT



STRIPING AT ADJACENT NO PASSING LANES



YIELD LINE DETAIL

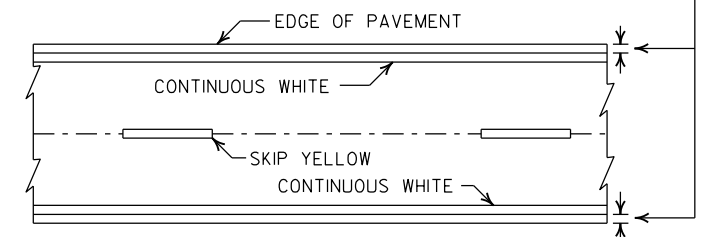


CROSSWALK AND STOP LINE DETAILS

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.

2" FOR ASPHALT OR CONCRETE PAVEMENT
6" FOR BITUMINOUS SURFACE TREATMENT

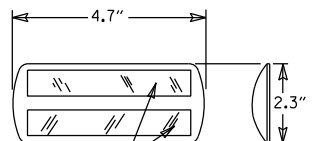


PAVEMENT EDGE LINE MARKING

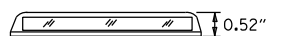
NOTE:
THE RED LENS OF THE TYPE II R.P.M. SHALL FACE THE INCORRECT TRAFFIC MOVEMENT.

TYPE II
RED/CLEAR OR
YELLOW/YELLOW

PRISMATIC REFLECTOR



NOTE:
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.



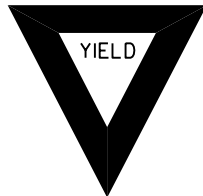
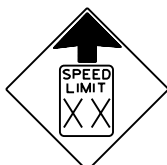
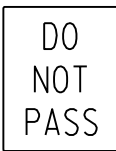
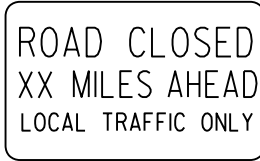
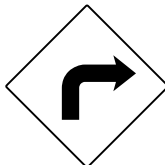
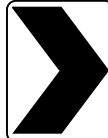
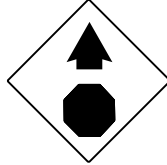
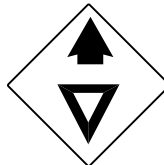
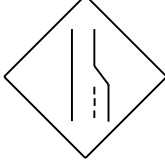
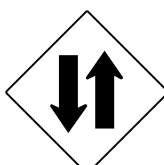
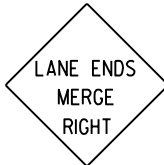
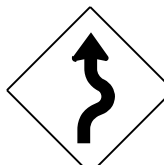
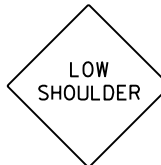
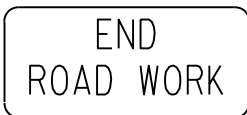
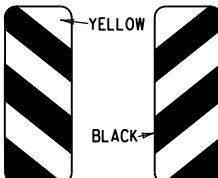
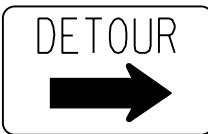
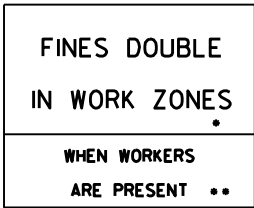
DETAIL OF STANDARD RAISED PAVEMENT MARKERS

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 DTLS.	
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
DATE	REVISION	FILMED

ARKANSAS STATE HIGHWAY COMMISSION

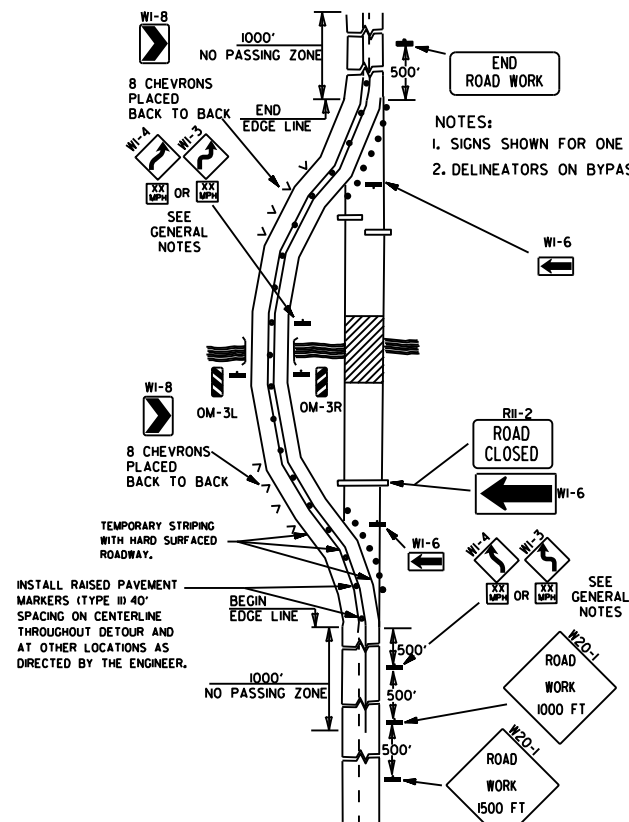
PAVEMENT MARKING DETAILS

STANDARD DRAWING PM-1

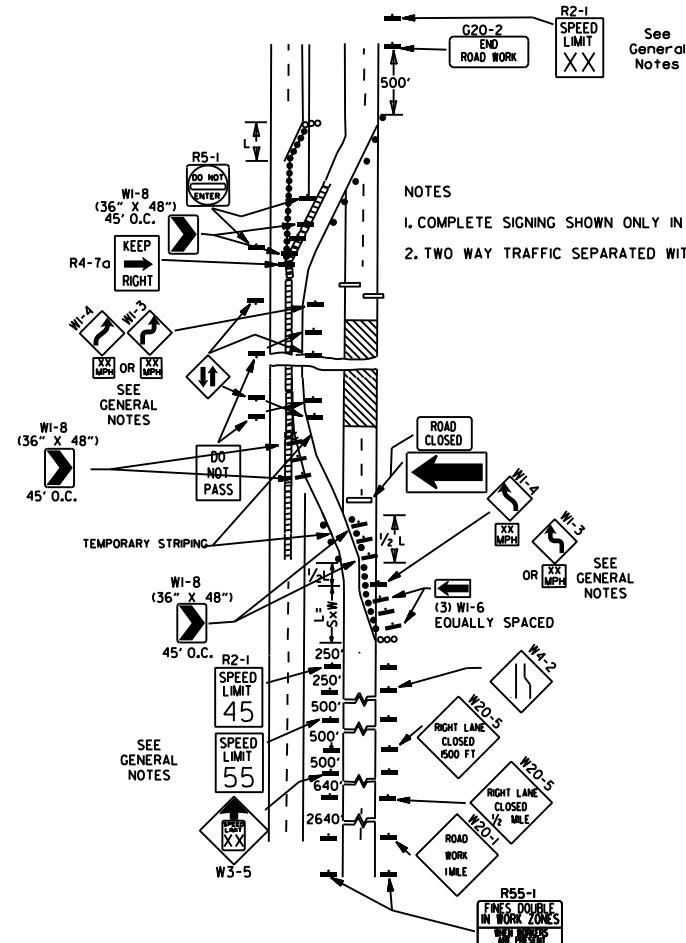
RI-I  STANDARD 30"x30" EXPRESSWAY 36"x36" SPECIAL 48"x48"	RI-2  STD. 36"x36"x36" EXPWY. 48"x48"x48" FWY. 60"x60"x60"	R2-I  STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"	W3-5  STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"	W3-5a  STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"	R4-I  STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"	R4-2  STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"	ADVANCE DISTANCES (XXXX) 500 FT 1/2 MILE 1000 FT 3/4 MILE 1500 FT 1 MILE AHEAD GENERAL NOTES: 1. 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. 2. 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. 3. 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. 4. SIGNS ARE USUALLY MOUNTED ON A SINGLE POST, ALTHOUGH THOSE WIDER THAN 36" OR LARGER THAN 10 SQ. FT. SHALL BE MOUNTED ON TWO POSTS OR ABOVE A TYPE III BARRICADE. 5. 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. 6. 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. 7. 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. 8. FLAGGERS SHALL USE REFLECTORIZED STOP-SLOW PADDLES. FLAGS MAY BE USED ONLY FOR EMERGENCY SITUATIONS. 9. 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. 10. R55-1 SIGNS SHALL BE PLACED AT LEAST 1500' BUT NOT MORE THAN 1 MILE IN ADVANCE OF THE WORK ZONE. IF A SPEED LIMIT REDUCTION IS IN EFFECT, THE SIGN SHALL BE PLACED A MINIMUM OF 500' IN ADVANCE OF THE "REDUCED SPEED AHEAD" SIGN. • 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.
R5-I  STD. 30"x30" EXPWY. 36"x36" SPECIAL 48"x48"	R1I-2  48"x30"	R1I-3A  60"x30"	R1I-4  60"x30"	W2I-5a  STD. 36"x36" FWY. 48"x48"	WI-I  STD. 36"x36" FWY. 48"x48"	WI-2  STD. 36"x36" FWY. 48"x48"	
WI-3  STD. 48"x48"	WI-4  STD. 48"x48"	WI-6  STD. 48"x24" SPECIAL 60"x30"	WI-8  STD. 18"x24" SPECIAL 24"x30" EXPWY. 30"x36" FWY. 36"x48"	W3-I  STD. 36"x36" SPECIAL 48"x48"	W3-2  STD. 36"x36" SPECIAL 48"x48"	W4-2  STD. 36"x36" FWY. 48"x48"	
W5-I  STD. 36"x36" SPECIAL 48"x48"	W6-3  EXPWY. 36"x36" SPECIAL 48"x48"	W8-7  EXPWY. 36"x36" FWY. 48"x48"	W9-2  STD. 36"x36" FWY. 48"x48"	W13-I  STD. 24"x24"	W20-I  STD. 48"x48"	W20-2  STD. 48"x48"	W20-3  STD. 48"x48"
W20-4  STD. 48"x48"	W20-5  STD. 48"x48"	W20-7a  18" 500 FEET 24" W16-2 STD. 36"x36" FWY. 48"x48"	W2I-2  STD. 30"x30" SPECIAL 36"x36"	W2I-5  STD. 30"x30" SPECIAL 36"x36"	W24-I  STD. 36"x36"	WI-4b  STD. 48"x48"	R56-I  STD. 18"x18"
W8-II  STD. 36"x36" FWY. 48"x48"	W8-9  STD. 36"x36" FWY. 48"x48"	G20-I  60"x24"	G20-2  48"x24"	OM-3L OM-3R  12"x36"	M4-9  STD. 30"x24" SPECIAL 48"x36" SPECIAL 60"x48"	M4-10  48"x18"	R55-I  36"x60" • USE 6" C LETTERS •• USE 4" D LETTERS

II-07-19	REVISED FOR MASH	
4-13-17	DELETED RSP-1 & ADDED W2I-5a	
9-2-15	REVISED REDUCED SPEED LIMIT AHEAD SIGNS REVISED ROAD WORK NEXT XX MILES	
12-15-11	REVISED W24-1	
11-17-10	DELETED W8-9a & ADDED W8-9	
10-15-09	ADDED REFERENCE TO MASH & ADDED SIGN W24-1	
4-17-08	REVISED SIGN DESIGNATIONS	
11-18-04	REVISED NOTES	
10-9-03	REVISED NOTE 1	
11-16-01	REVISED NOTE 7	
9-28-00	REVISED NOTE	
11-18-98	ADDED NOTE	
6-26-97	REVISED NOTE 5	
4-03-97	REVISED NOTE 5	
10-18-96	ADDED CONTROLLED ACCESS HWY. SIGN & TO NOTE 7	
10-12-95	ADDED R55-1	
6-8-95	REVISED TO CORRECT SIGN ILLUSTRATIONS	6-8-95
2-2-95	REVISED PER PART VI, MUTCD SEPT. 3, 1993	
8-15-91	DRAWN AND PLACED IN USE	
DATE	REVISION	FILMED

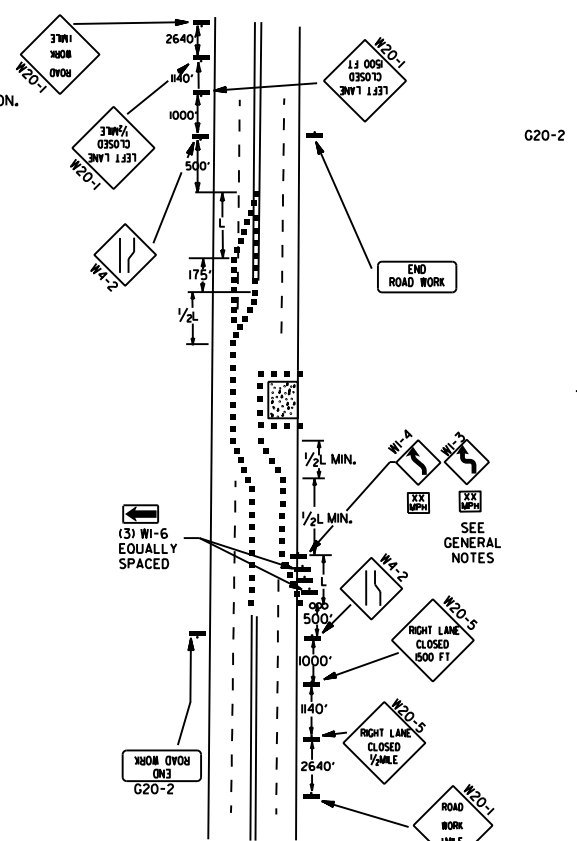
ARKANSAS STATE HIGHWAY COMMISSION
STANDARD TRAFFIC CONTROLS
FOR HIGHWAY CONSTRUCTION
STANDARD DRAWING TC-1



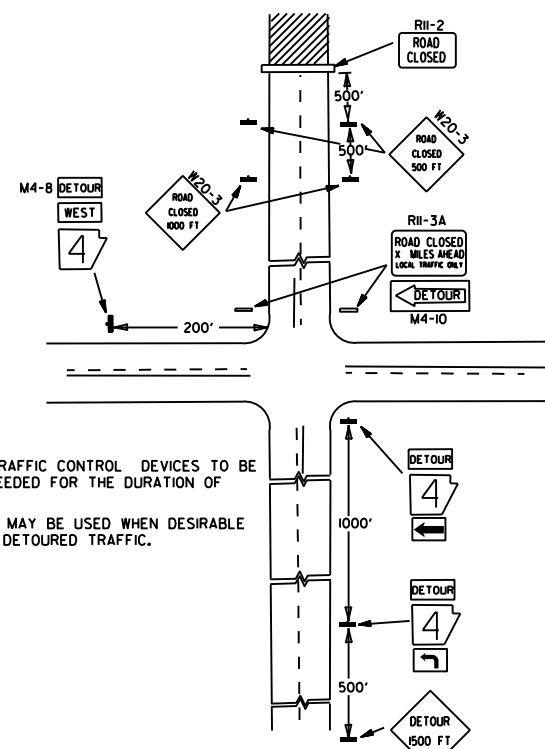
(A) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON A 2-LANE HIGHWAY WHERE THE ENTIRE ROADWAY IS CLOSED AND A BYPASS DETOUR IS PROVIDED.



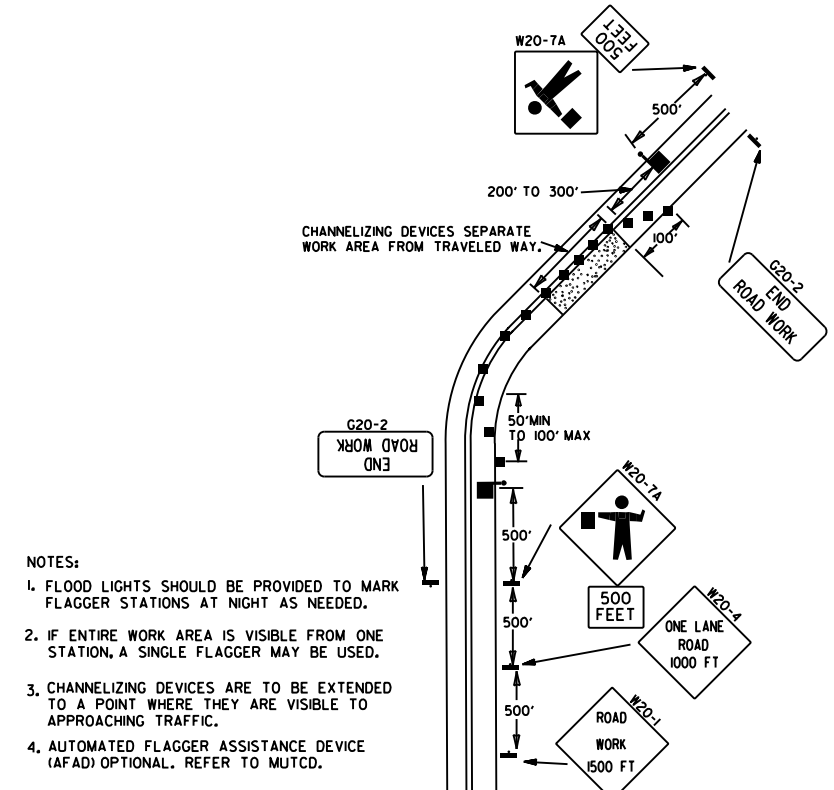
(B) TYPICAL APPLICATION - 4-LANE DIVIDED ROADWAY WHERE ONE ROADWAY IS CLOSED.



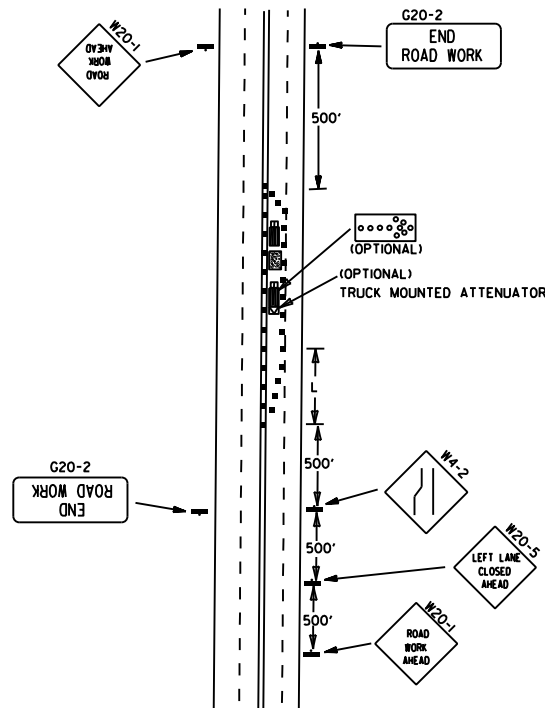
(C) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.



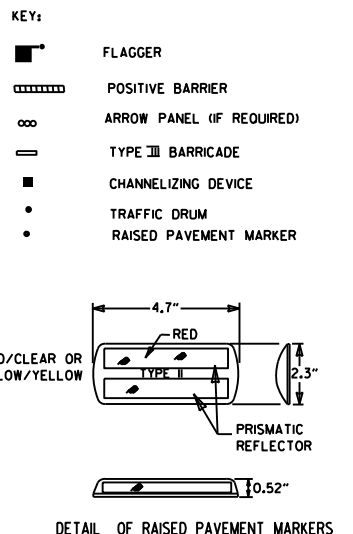
(D) TYPICAL APPLICATION - ROADWAY CLOSED BEYOND DETOUR POINT.



(E) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON 2-LANE HIGHWAY WHERE ONE LANE IS CLOSED AND FLAGGING IS PROVIDED.



(F) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WITH INSIDE LANE CLOSED.



- 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(45)MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1MILE 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(55)MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1MILE 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).

05-20-21	REVISED NOTE 7	
11-07-19	REVISED NOTE 1, ADDED NOTE 9	
9-2-15	REVISED NOTE 2, ADDED NOTE 8, REVISED DRAWING (A) & REPLACED R2-5A WITH W3-5	
9-12-13	REVISED DETAIL OF RAISED PAVEMENT MARKERS	
3-11-10	ADDED (AFAD)	
11-20-08	REVISED SIGN DESIGNATIONS	
11-18-04	ADDED GENERAL NOTE	
10-18-96	ADDED R55-1	
4-26-96	CORRECTED (a) BEHIND G20-2	
6-8-95	CORRECTED SIGN IDENT. ON W1-4A	6-8-95
2-2-95	REVISED PER PART VI, MUTCD, SEPT. 3, 1993	
8-15-91	DRAWN AND PLACED IN USE	
DATE	REVISION	FILMED

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

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

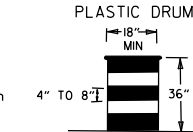
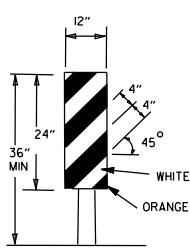
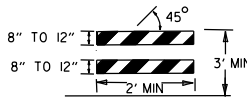
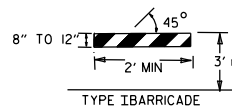
(B) TYPICAL APPLICATION - 3-LANE ONEWAY ROADWAY WHERE CENTER LANE IS CLOSED.

CHANNELIZING DEVICES

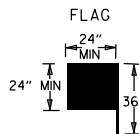
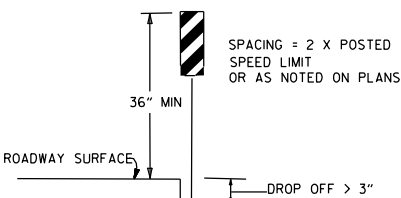


• WHEN CONES ARE USED ON FREEWAYS AND MULTI-LANE HIGHWAYS, THEY SHALL BE 28" MIN. DURING HOURS OF DARKNESS, 28" CONES SHALL BE USED ON ALL ROADWAYS, AND SHALL BE REFLECTORIZED IN ACCORDANCE WITH THE M.U.T.C.D.

CONES



VERTICAL PANEL PLACEMENT

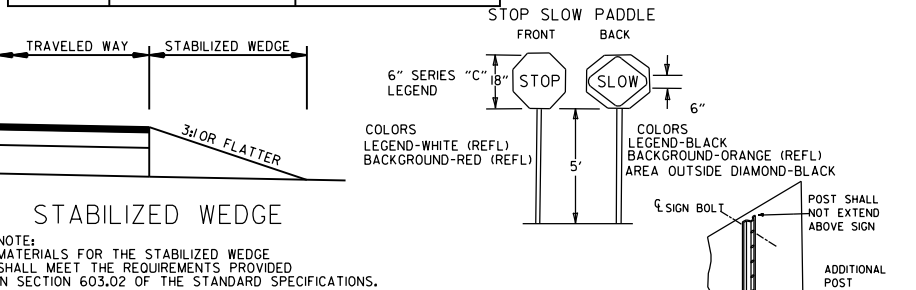


FLAG SHALL BE OF GOOD GRADE RED MATERIAL

TRAFFIC CONTROL DEVICES			
NON-INTERSTATE			
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 ⁽⁶⁾	STANDARD LANE CLOSURE ⁽⁶⁾
> 3"	CENTERLINE	STANDARD LANE CLOSURE ⁽⁶⁾	STANDARD LANE CLOSURE ⁽⁶⁾
≤ 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⁾
> 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 ⁽³⁾
≤ 24"	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⁾
> 24"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	PRECAST CONCRETE BARRIER ⁽⁴⁾ & EDGE LINES	PRECAST CONCRETE BARRIER ⁽⁴⁾ & 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

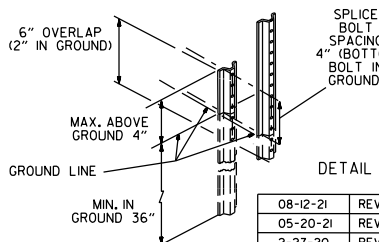
INTERSTATE AND NON-INTERSTATE		
FORESLOPE	HEIGHT	TRAFFIC CONTROL
1:1	> 2 FT	PRECAST CONCRETE BARRIER
2:1	≤ 5 FT	TRAFFIC DRUMS
2:1	> 5 FT	PRECAST CONCRETE BARRIER
Flatter than 2:1	N/A	TRAFFIC DRUMS



STABILIZED WEDGE

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. 5HS-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.



DETAIL OF SPLICES

DATE	REVISION	FILED
08-12-21	REVISED TRAFFIC CONTROL DEVICES AND NOTES	
05-20-21	REVISED NOTE 10	
2-27-20	REVISED TRAFFIC CONTROL DEVICES DETAILS	
11-07-19	REVISED NOTE 9, ADDED NOTE 11	
7-25-19	REVISED TRAFFIC CONTROL DEVICES DETAILS	
9-2-15	REVISED NOTE 2 & REPLACED R2-5A WITH W3-5	
10-15-09	ADDED REFERENCE TO MASH	
11-20-08	REVISED SIGN DESIGNATIONS	
11-18-04	ADDED NOTE	
10-1-98	ADDED NOTE	
4-03-97	ADDED (SP) TO W6-18 & REVISED TRAFFIC CONTROL DEVICES NOTE	
10-18-96	ADDED R55-1	
10-12-95	MOVED UPPER SPLICE	
6-8-95	REVISED SPLICE DETAIL, TEXT	6-8-95
2-2-95	REVISED PER PART VI, MUTCD, SEPT. 3, 1993	
8-15-91	DRAWN AND PLACED IN USE	

ARKANSAS STATE HIGHWAY COMMISSION
STANDARD TRAFFIC CONTROLS
FOR HIGHWAY CONSTRUCTION

STANDARD DRAWING TC-3

3/8"

3" DIA. PLATE 3/8" THICK

BAR 1 1/4" DIA. x 26" LONG

CONNECTING PIN

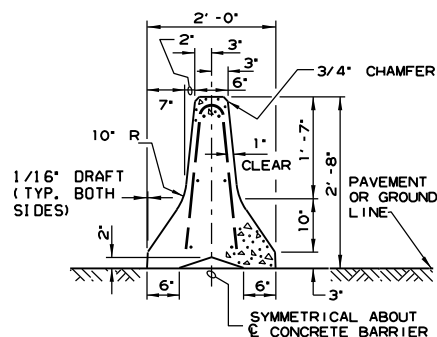
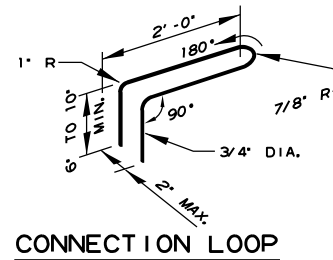
3/4" DIA. STEEL BAR

1 1/2" x 4" GROOVE

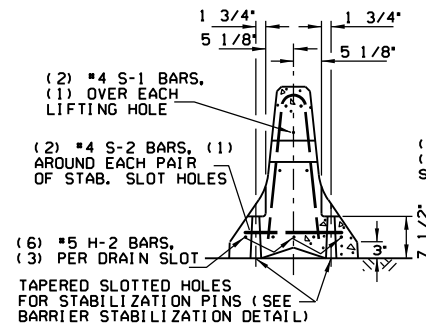
END OF UNIT

SECTION E-E

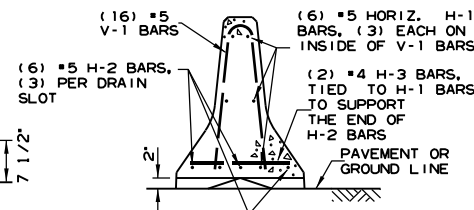
CONNECTION DETAILS



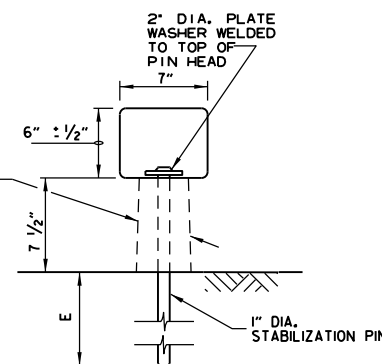
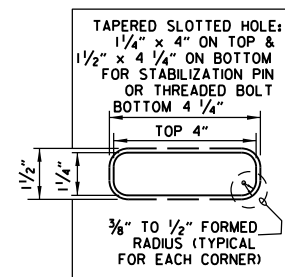
SECTION A-A



SECTION B-B



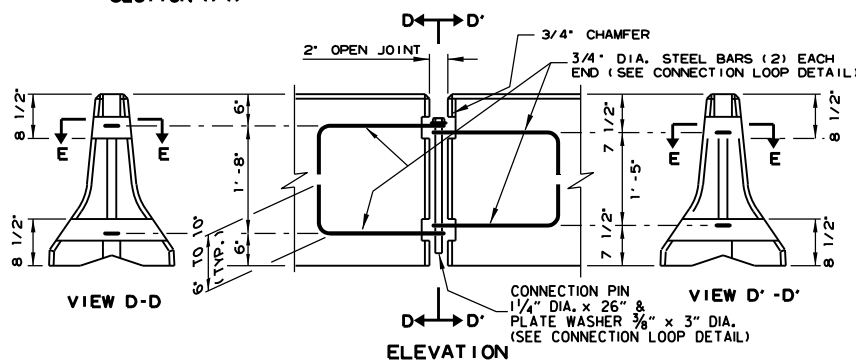
SECTION C-C



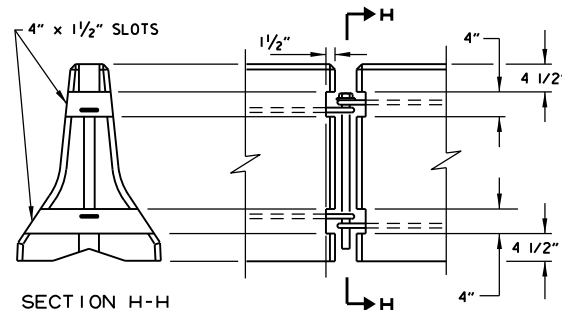
BARRIER STABILIZATION DETAIL

ROADWAY SECTION

(E) 4" - CONCRETE PAVEMENT
8" - ASPHALT PAVEMENT
12" - SHOULDER AREAS



ELEVATION

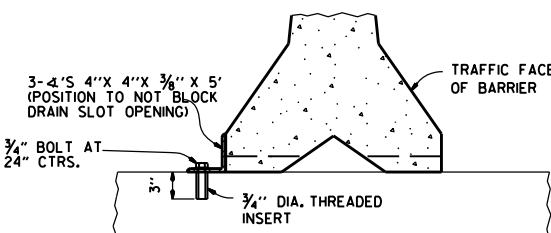


SECTION H-H

ELEVATION

BARRIER REMOVAL SLOT DETAILS

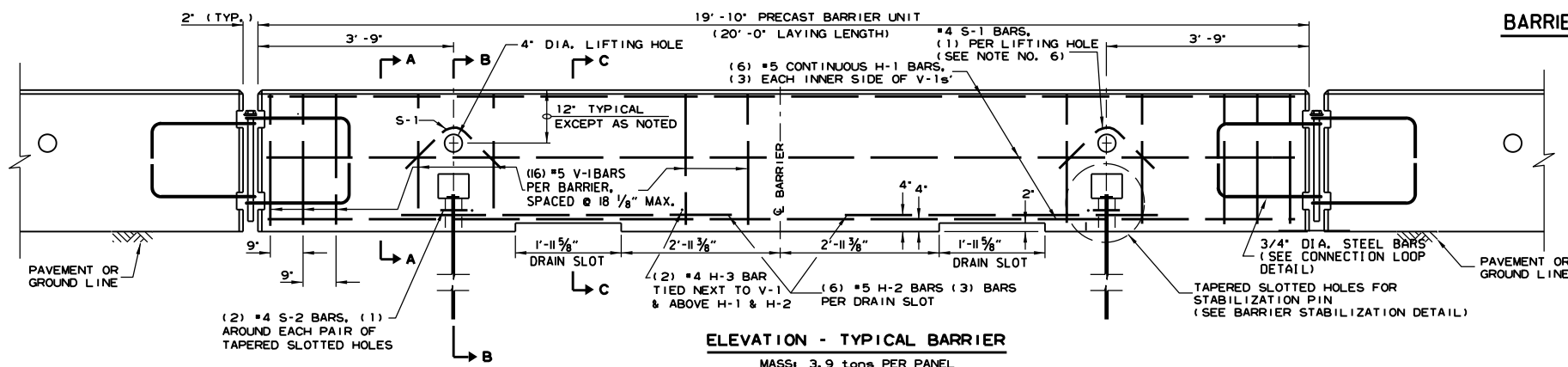
4"



NOTE: " THREADED INSERTS SHALL BE CAST IN PLACE FOR ALL NEW BRIDGE DECKS AND DRILLED AND GROUTED FOR EXISTING BRIDGE DECKS. INSERTS SHALL HAVE A MINIMUM ULTIMATE LOAD CAPACITY OF 8000 LBS. IN TENSION. AFTER REMOVAL OF BARRIER, BOLTS, AND ANGLES, THE INSERTS SHALL BE FILLED WITH APPROVED NON-SHRINK EPOXY.

BARRIER STABILIZATION DETAIL

BRIDGE DECKS



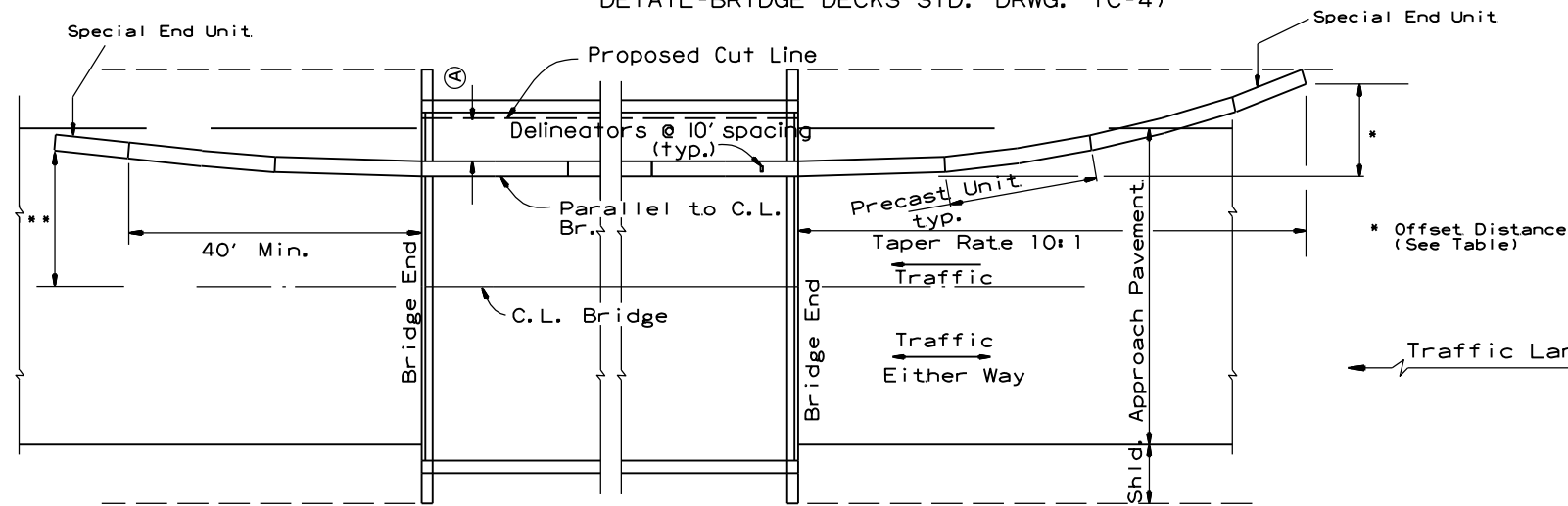
11-07-19	REVISED NOTE 3	
2-27-14	REVISED BARRIER STABILIZATION DETAIL	
10-15-09	ADDED REFERENCE TO MASH	
8-5-09	REV. NOTE 3 CONCERNING DRAIN SLOTS	
11-29-07	REVISED NOTE 3	
5-25-06	DELETED GENERAL NOTE 7	
11-18-04	REVISED BARRIER STABILIZATION DETAIL BRIDGE DECKS	
4-10-03	REVISED GENERAL NOTE 2	
8-22-02	ISSUED NEW DRAWING	
DATE	REVISION	FILE #

ARKANSAS STATE HIGHWAY COMMISSION

STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION - TEMPORARY PRECAST BARRIER

STANDARD DRAWING TC-4

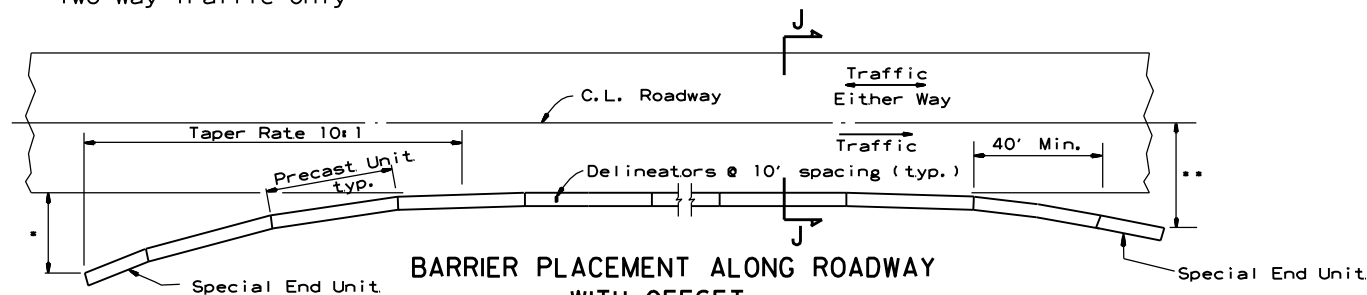
- (A) 4 feet or greater preferred. If less than 4 feet, Precast Units shall be connected to slab (SEE BARRIER STABILIZATION DETAIL-BRIDGE DECKS STD. DRWG. TC-4)



BARRIER PLACEMENT ALONG BRIDGE WITH OFFSET

No Scale

** Offset Distance for Two Way Traffic Only



BARRIER PLACEMENT ALONG ROADWAY WITH OFFSET

No Scale

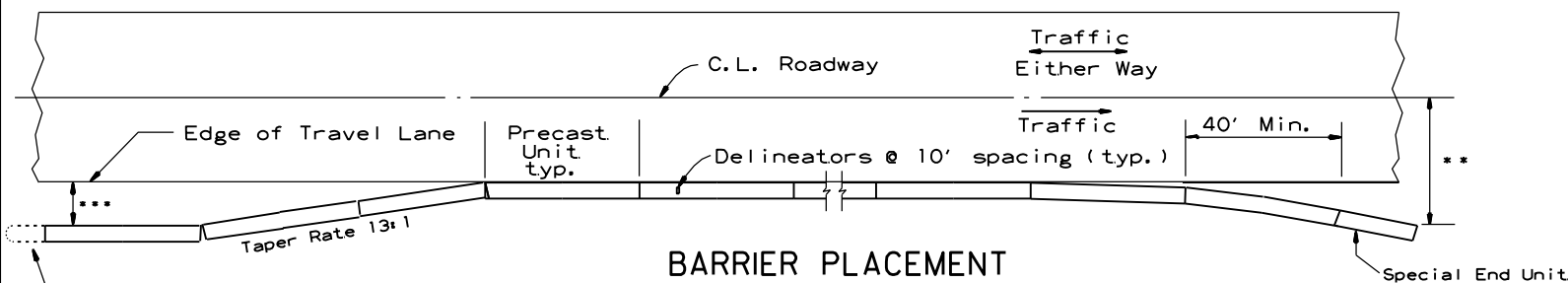
* Offset Distance (See Table)

** Offset Distance For Two Way Traffic Only

Offset Distance Table

Speed (MPH)	Offset Distance (FT.)
≤ 45	12
> 45	18

If offset distance is not attainable, then see "Barrier Placement With Attenuator" Detail shown below.

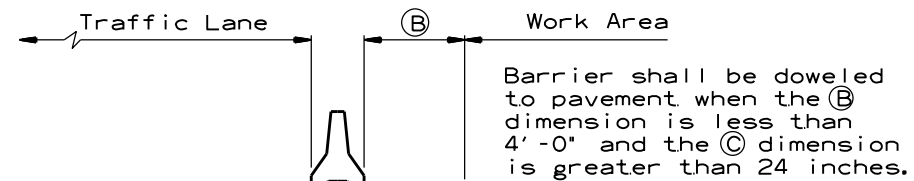


BARRIER PLACEMENT WITH ATTENUATOR

No Scale

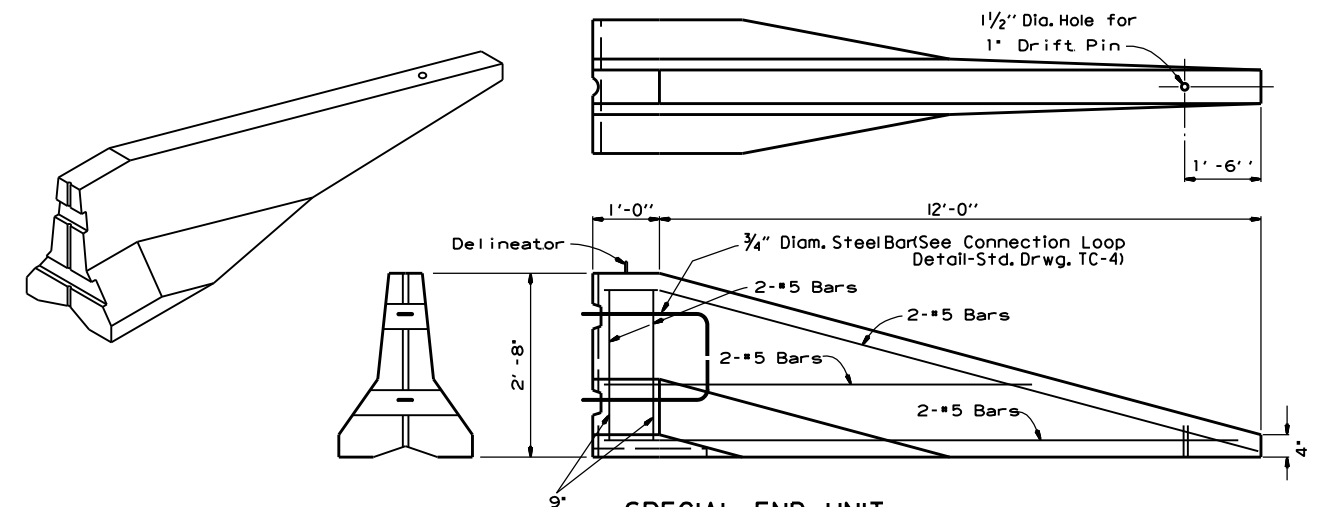
** Offset Distance For Two Way Traffic Only

***Min. 3'-0" From Edge of Travel Lane to Nearest Edge of Attenuator



SECTION J-J

No Scale



SPECIAL END UNIT

No Scale

General Notes

When shown on the Plans, the ends of the Temporary Precast Concrete Barrier shall be protected with a Manual For Assessing Safety Hardware (MASH) approved Crash Cushion. Payment for Crash Cushions shall be made under the item of "Temporary Impact Attenuation Barrier."

			ARKANSAS STATE HIGHWAY COMMISSION	
			STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION - TEMPORARY PRECAST BARRIER	
11-07-19	REVISED NOTE		STANDARD DRAWING TC-5	
10-15-09	ADDED REFERENCE TO MASH			
5-25-06	REVISED BARRIER PLACEMENT			
8-22-02	ISSUED NEW DRAWING			
DATE	REVISION	FILMED		