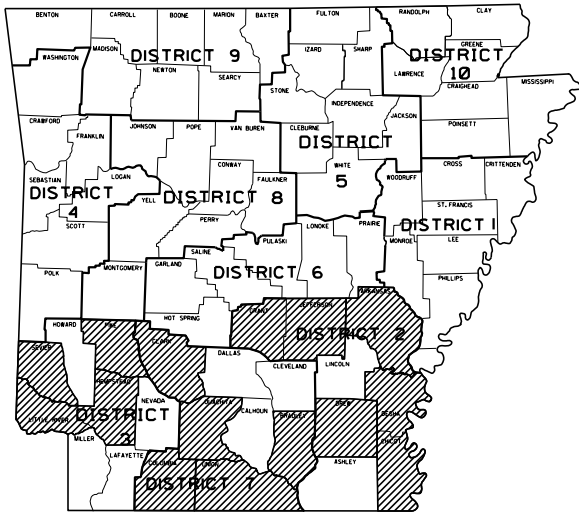


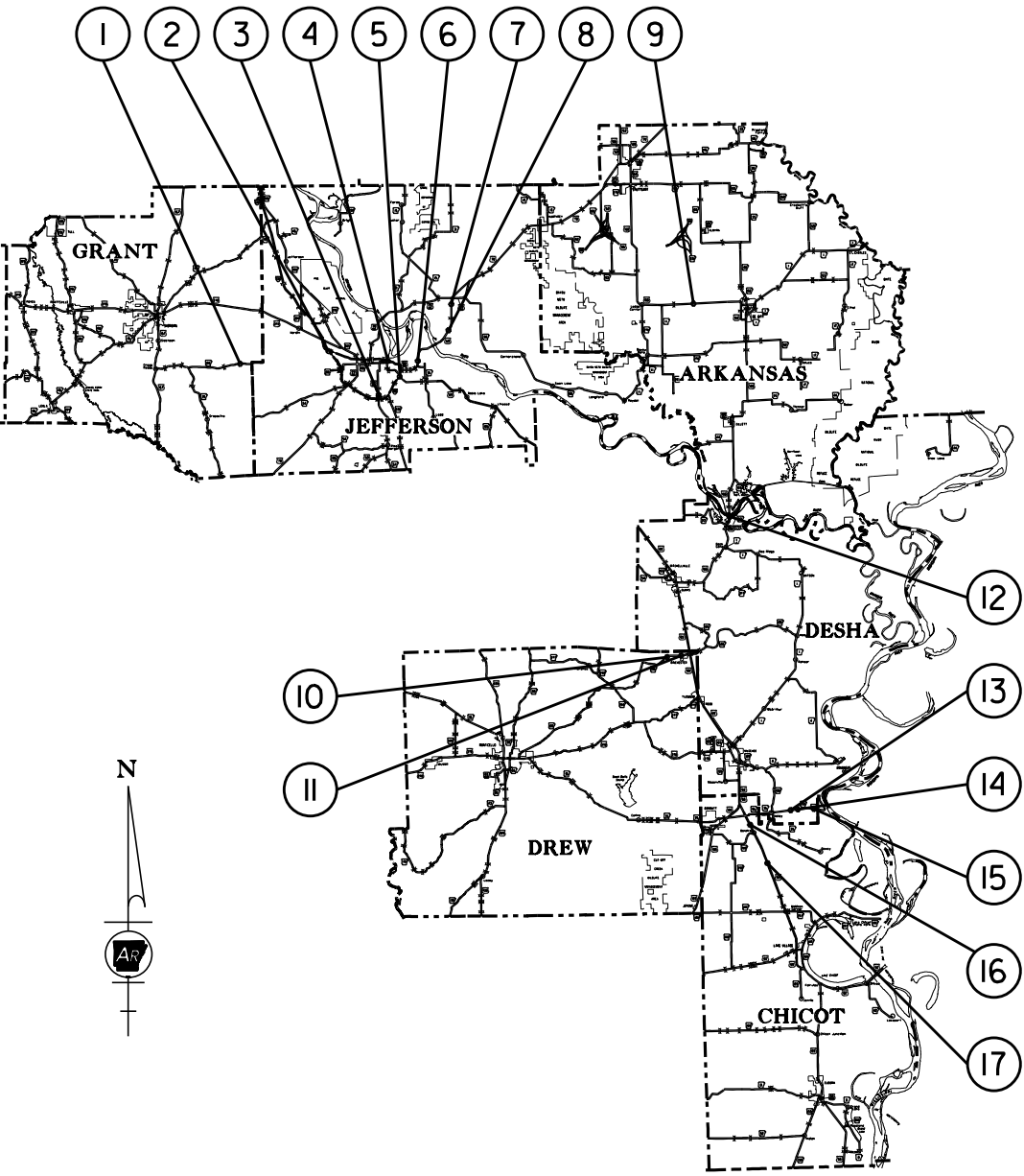
ARKANSAS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLANS

DISTRICTS 2, 3 & 7 BRIDGE
PRESERVATION (2022) (S)
VARIOUS COUNTIES
JOB 012407

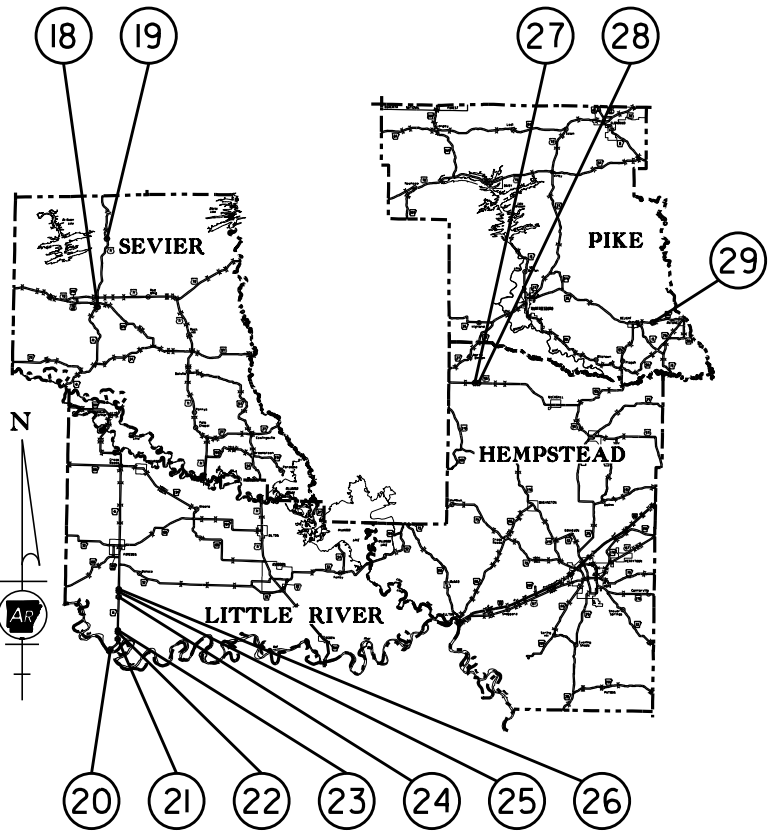
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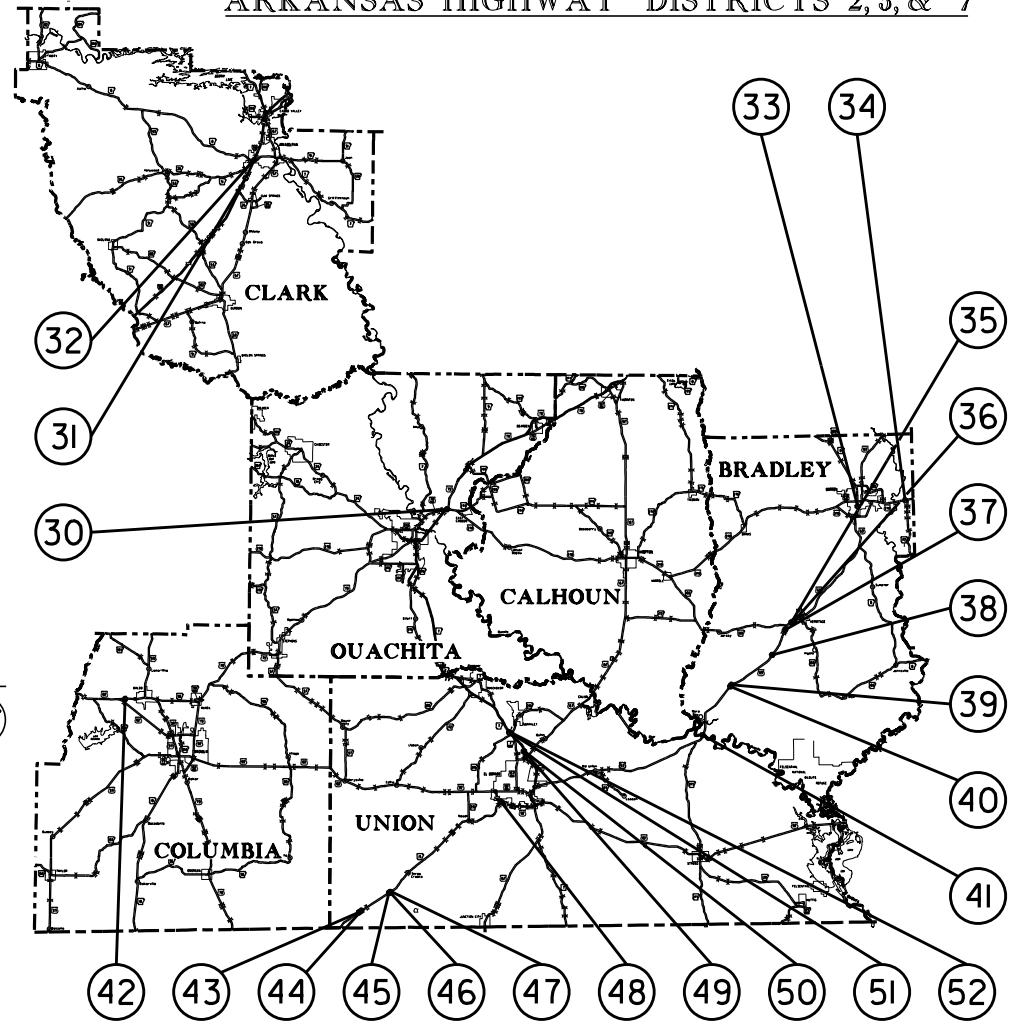
ARKANSAS HIGHWAY DISTRICTS 2, 3, & 7



DISTRICT 2
NOT TO SCALE



DISTRICT 3
NOT TO SCALE



DISTRICT 7
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	0000.00 FEET	0.000 MILES
NET LENGTH OF BRIDGES	20579.52 FEET	3.898 MILES
NET LENGTH OF PROJECT	20579.52 FEET	3.898 MILES

CERTIFICATE OF AUTHORIZATION

MICHAEL BAKER INTERNATIONAL INC
No. 1126

ARKANSAS - ENGINEER

STATE OF ARKANSAS

LICENSED PROFESSIONAL ENGINEER

No. 9678

LINDA S. GUNN

3-15-22

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LEGEND



POLYMER OVERLAY

BRIDGE DATA

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012407	2	64



BRIDGE DATA

1	HWY. 190, SEC. 4 LOG MILE 5.530 BR. END OVER DERRIEUSSEAU CREEK 180' - 0" BRIDGE NO. 05470 26' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	8	HWY. 63, SEC. 13 LOG MILE 3.424 BR. END OVER PLUM BAYOU 414' - 3 5/8" BRIDGE NO. 06566 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	15	HWY. 35, SEC. 10 LOG MILE 5.685 BR. END OVER CLAY BAYOU 202' - 1" BRIDGE NO. 05138 28' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	22	HWY. 41, SEC. 3 LOG MILE 8.545 BR. END OVER CHOCTAW BAYOU 120' - 0" BRIDGE NO. 05718 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
2	HWY. 65, SEC. 14B LOG MILE 0.289 BR. END OVER I-530 (O.P.) 583' - 10 11/16" BRIDGE NO. 06255 25' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	9	HWY. 165, SEC. 5 LOG MILE 28.572 BR. END OVER MILL BAYOU 150' - 0" BRIDGE NO. 02891 26' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	16	HWY. 65, SEC. 20 LOG MILE 3.321 BR. END OVER BLACK POND SLOUGH 152' - 5" BRIDGE NO. 02069 72' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	23	HWY. 41, SEC. 3 LOG MILE 8.359 BR. END OVER CHOCTAW BAYOU RELIEF 90' - 0" BRIDGE NO. 05719 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
3	HWY. 463, SEC. 3 LOG MILE 2.460 BR. END OVER BAYOU BARTHOLOMEW 299' - 4 1/4" BRIDGE NO. 06225 64' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	10	HWY. 138, SEC. 3 LOG MILE 20.931 BR. END OVER BAYOU BARTHOLOMEW 362' - 2 5/8" BRIDGE NO. 05436 26' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	17	HWY. 65, SEC. 20 LOG MILE 7.618 BR. END OVER BOEUF CANAL 220' - 2" BRIDGE NO. 02070 72' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	24	HWY. 41, SEC. 3 LOG MILE 5.089 BR. END OVER WALNUT BAYOU RELIEF 75' - 0" BRIDGE NO. 05720 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
4	HWY. 65, SEC. 14B LOG MILE 6.445 BR. END OVER U.P. R.R. (O.P.) 2342' - 4" BRIDGE NO. 05423 74' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	11	HWY. 138, SEC. 3 LOG MILE 22.414 BR. END OVER COON BAYOU 90' - 0" BRIDGE NO. 05437 26' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	18	HWY. 41, SEC. 1 LOG MILE 0.342 BR. END OVER D & E R.R. 229' - 1 7/8" BRIDGE NO. 05685 44' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	25	HWY. 41, SEC. 3 LOG MILE 4.535 BR. END OVER WALNUT BAYOU RELIEF 200' - 0" BRIDGE NO. 05721 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
5	HWY. 63, SEC. 13 LOG MILE 11.300 BR. END OVER I-530 (O.P.) 542' - 1" BRIDGE NO. 06275 25' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	12	HWY. 165, SEC. 4 LOG MILE 10.253 BR. END OVER ARKANSAS RIVER 2898' - 8" BRIDGE NO. 05121 30' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	19	HWY. 71, SEC. 7 LOG MILE 6.065 BR. END OVER K.C. R.R. (O.P.) 774' - 2 5/8" BRIDGE NO. 06620 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	26	HWY. 41, SEC. 3 LOG MILE 4.301 BR. END OVER WALNUT BAYOU 150' - 0" BRIDGE NO. 05722 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
6	HWY. 63, SEC. 13 LOG MILE 8.397 BR. END OVER U.P. & ST. LOUIS R.R. (O.P.) 788' - 2 5/8" BRIDGE NO. 06582 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	13	HWY. 35, SEC. 10 LOG MILE 3.280 BR. END OVER BAYOU MACON 242' - 1" BRIDGE NO. 05140 28' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	20	HWY. 41, SEC. 3 LOG MILE 10.515 BR. END OVER RED RIVER RELIEF 428' - 11 1/2" BRIDGE NO. 06459 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	27	HWY. 371, SEC. 3 LOG MILE 2.894 BR. END OVER OZAN CREEK 181' - 0" BRIDGE NO. 07215 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)
7	HWY. 63, SEC. 13 LOG MILE 0.642 BR. END OVER U.P. R.R. (O.P.) 242' - 5 11/16" BRIDGE NO. 06567 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	14	HWY. 35, SEC. 10 LOG MILE 4.041 BR. END OVER CANAL 43 182' - 1" BRIDGE NO. 05139 28' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	21	HWY. 41, SEC. 3 LOG MILE 9.259 BR. END OVER RED RIVER RELIEF 75' - 0" BRIDGE NO. 03408 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)	28	HWY. 371, SEC. 3 LOG MILE 2.626 BR. END OVER OZAN CREEK RELIEF 181' - 0" BRIDGE NO. 07214 40' - 0" CLEAR ROADWAY (POLYMER OVERLAY)

BRIDGE DATA

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LEGEND



POLYMER OVERLAY

BRIDGE DATA

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012407	3	64

BRIDGE DATA



- 29

HWY. 26, SEC. 3
LOG MILE 13.273 BR. END
OVER MILL CREEK
105' - 0" BRIDGE NO. 05613
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 30

HWY. 278, SEC. 9
LOG MILE 0.142 BR. END
OVER HWY. 79 (O.P.)
295' - 6" BRIDGE NO. 05627
55' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 31

HWY. 51, SEC. 1
LOG MILE 29.064 BR. END
OVER I-30 (O.P.)
308' - 6 5/8" BRIDGE NO. 06962
58' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 32

I-30 (O.P.), SEC. 14
LOG MILE 70.740 BR. END
OVER I-30 (O.P.)
248' - 6 15/16" BRIDGE NO. 03690
24' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 33

HWY. 63, SEC. 16
LOG MILE 8.512 BR. END
OVER WARREN & SALINE RIVER R.R.
446' - 1" BRIDGE NO. 06633
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 34

HWY. 278, SEC. 13
LOG MILE 5.917 BR. END
OVER FLAT BRANCH
255' - 2 1/4" BRIDGE NO. 06815
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 35

HWY. 63, SEC. 17
LOG MILE 13.558 BR. END
OVER L' AIGLE CREEK RELIEF
280' - 0" BRIDGE NO. 05560
30' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

- 36

HWY. 63, SEC. 17
LOG MILE 13.219 BR. END
OVER L' AIGLE CREEK
315' - 0" BRIDGE NO. 05561
30' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 37

HWY. 63, SEC. 17
LOG MILE 14.522 BR. END
OVER BRANCH L'AIGLE CREEK
75' - 0" BRIDGE NO. 06530
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 38

HWY. 63, SEC. 17
LOG MILE 17.328 BR. END
OVER BEECH CREEK
180' - 0" BRIDGE NO. 06529
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 39

HWY. 63, SEC. 17
LOG MILE 22.364 BR. END
OVER CHARIVARI CREEK
120' - 0" BRIDGE NO. 06528
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 40

HWY. 63, SEC. 17
LOG MILE 22.716 BR. END
OVER CHARIVARI CREEK RELIEF
90' - 0" BRIDGE NO. 06527
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 41

HWY. 63, SEC. 18
LOG MILE 0.268 BR. END
OVER OUACHITA RIVER
2744' - 6 7/16" BRIDGE NO. 06303
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 42

HWY. 98, SEC. 1
LOG MILE 0.528 BR. END
OVER BEECH CREEK
142' - 2 1/4" BRIDGE NO. 06863
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

- 43

HWY. 15, SEC. 1
LOG MILE 2.364 BR. END
OVER BIG CORNIE CREEK
1120' - 0" BRIDGE NO. 06693
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 44

HWY. 15, SEC. 1
LOG MILE 2.715 BR. END
OVER BIG CORNIE RELIEF
245' - 0" BRIDGE NO. 06694
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 45

HWY. 15, SEC. 1
LOG MILE 5.989 BR. END
OVER THREE CREEKS RELIEF
175' - 0" BRIDGE NO. 06695
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 46

HWY. 15, SEC. 1
LOG MILE 6.058 BR. END
OVER THREE CREEK
105' - 0" BRIDGE NO. 06696
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 47

HWY. 15, SEC. 1
LOG MILE 6.122 BR. END
OVER THREE CREEK
245' - 0" BRIDGE NO. 06697
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 48

HWY. 15, SEC. 1
LOG MILE 20.923 BR. END
OVER HWY. 82 (O.P.)
233' - 2 1/4" BRIDGE NO. 05792
44' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 49

HWY. 7, SEC. 2
LOG MILE 0.825 BR. END
OVER MILL CREEK
140' - 0" BRIDGE NO. 05220
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

- 50

HWY. 7, SEC. 2
LOG MILE 0.825 BR. END
OVER MILL CREEK
140' - 0" BRIDGE NO. B7085
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 51

HWY. 7, SEC. 2
LOG MILE 3.200 BR. END
OVER GOODWIN CREEK
90' - 0" BRIDGE NO. 05907
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 52

HWY. 7, SEC. 2
LOG MILE 8.507 BR. END
OVER GOODWIN CREEK
84' - 0" BRIDGE NO. 05221
43' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

BRIDGE DATA

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	4	64
		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 - 24	TYPICAL SECTIONS OF IMPROVEMENT		
25 - 30	SPECIAL DETAILS		
31	TEMPORARY EROSION CONTROL DETAILS		
32 - 41	MAINTENANCE OF TRAFFIC DETAILS		
42 - 44	PERMANENT PAVEMENT MARKING DETAILS		
45 - 59	QUANTITIES		
60	SCHEDULE OF BRIDGE QUANTITIES	ALL BRIDGES	64983
61	SUMMARY OF QUANTITIES AND REVISIONS		
62	BRIDGE PRESERVATION DATA TABLE DISTRICT 2	DISTRICT 2 BRIDGES	64984
63	BRIDGE PRESERVATION DATA TABLE DISTRICT 3	DISTRICT 3 BRIDGES	64985
64	BRIDGE PRESERVATION DATA TABLE DISTRICT 7	DISTRICT 7 BRIDGES	64986

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

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	5	64
04-04-22						
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 TRANSITIONS OR GUARDRAIL 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.
- 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.
- WHEN THE PLANS REQUIRE APPROACH GUTTER REPLACEMENT AND AN EXISTING DROP INLET IS ENCOUNTERED, THE CONTRACTOR SHALL MODIFY THE APPROACH GUTTER STANDARD DRAWING REQUIREMENTS IF AND WHERE DIRECTED BY THE ENGINEER TO RETAIN DRAINAGE AT THE DROP INLET.
- 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.
- BRIDGE PAINTING WILL BE ONGOING SIMUTANEOUSLY IN DISTRICT 2 WITH THIS BRIDGE PRESERVATION PROJECT. IT IS ANTICIPATED THAT JOB 020789 WILL REQUIRE COORDINATION, AS WELL AS ADDITIONAL BRIDGE STRUCTURES IN THE PINE BLUFF AREA SCHEDULED TO RECEIVE POLYMER OVERLAYS AND REPAINTING. THE CONTRACTOR SHALL COORDINATE AND MODIFY HIS SCHEDULE IF AND WHERE DIRECTED BY THE ENGINEER IN THE DISTRICT TO COMPLETE THE BRIDGE REHABILITATION BEFORE THE REPAINTING BEGINS. 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.

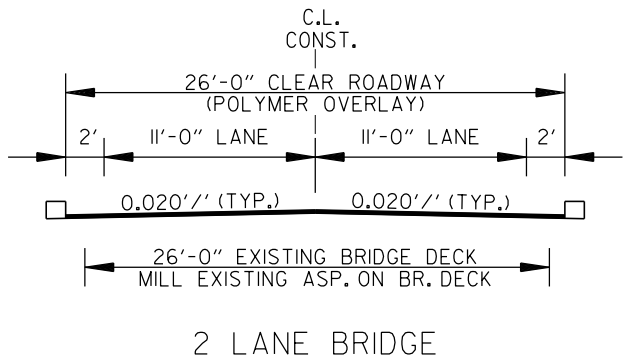
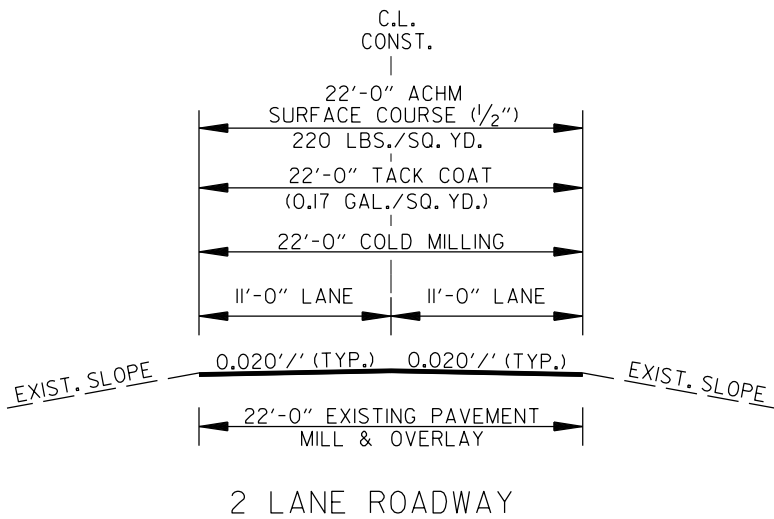
GOVERNING SPECIFICATIONS

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 - 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 012407	ASSESSMENT OF WORKING DAYS – MAINTENANCE OF TRAFFIC
JOB 012407	BIDDING REQUIREMENTS AND CONDITIONS
JOB 012407	BRIDGE DECK REPAIR FOR POLYMER OVERLAYS
JOB 012407	BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
JOB 012407	CARGO PREFERENCE ACT REQUIREMENTS
JOB 012407	COLD MILLING - COUNTY PROPERTY
JOB 012407	COORDINATION OF WORK
JOB 012407	DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILITIES
JOB 012407	GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
JOB 012407	INSURANCE, CONSTRUCTION, AND FLAGGING REQUIREMENTS ON RAILROAD PROPERTY (G&W-WSRR)
JOB 012407	INSURANCE, CONSTRUCTION, AND FLAGGING REQUIREMENTS ON RAILROAD PROPERTY (KCS)
JOB 012407	INSURANCE, CONSTRUCTION, AND FLAGGING REQUIREMENTS ON RAILROAD PROPERTY (PRC)
JOB 012407	INSURANCE, CONSTRUCTION, AND FLAGGING REQUIREMENTS ON RAILROAD PROPERTY (UPRR)
JOB 012407	JOINT REHABILITATION FOR BRIDGE DECKS
JOB 012407	LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
JOB 012407	LONGITUDINAL JOINT DENSITIES FOR ACHM SURFACE COURSES
JOB 012407	MAINTENANCE OF TRAFFIC
JOB 012407	MANDATORY ELECTRONIC CONTRACT
JOB 012407	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB 012407	NESTING SITES OF MIGRATORY BIRDS
JOB 012407	PARTNERING REQUIREMENTS
JOB 012407	POLYMER OVERLAY
JOB 012407	PORTABLE TRAFFIC SIGNAL SYSTEM
JOB 012407	PRICE ADJUSTMENT FOR ASPHALT BINDER
JOB 012407	PROHIBITION OF CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICE OR EQUIPMENT
JOB 012407	SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB 012407	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
JOB 012407	VALUE ENGINEERING
JOB 012407	WARM MIX ASPHALT



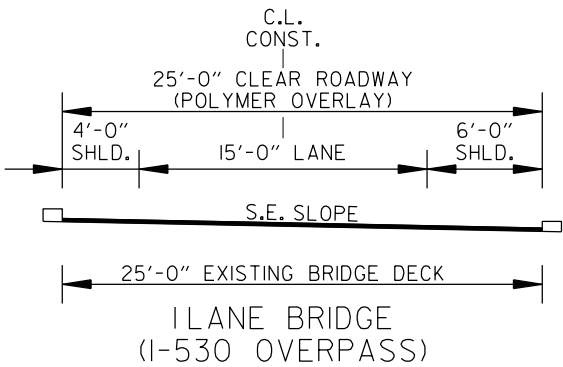
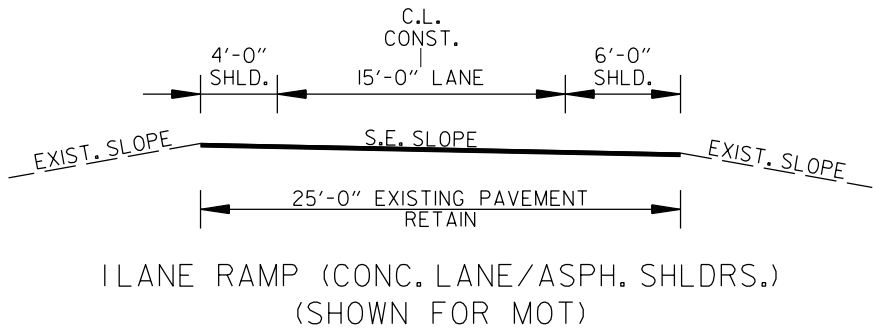
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	6	64
TYPICAL SECTIONS OF IMPROVEMENT						



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

① - BR. NO. 05470 - HWY. 190
EXIST. ASP. DEPTH ON BR. 1"

- 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.



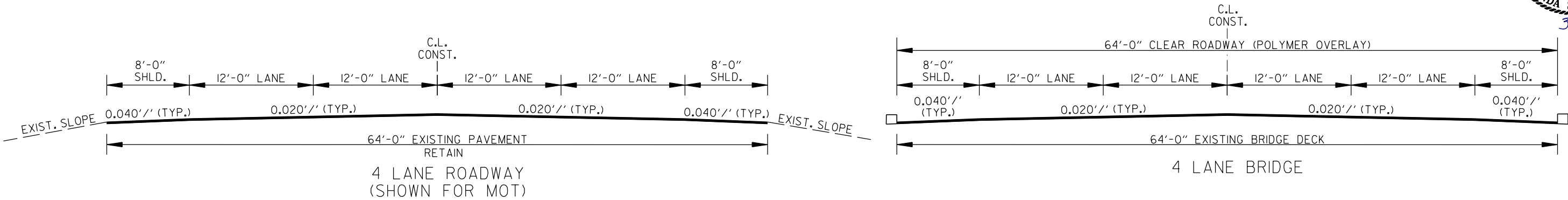
25 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

② - BR NO. 06255 - HWY. 65

T:\civ\kay\proj\3-16-2022 11:51:41 AM
WORKSPACE: ARDOT
Y:\Projects\186576_012407_Bridge Preservation\Design\Civil - Bridges Only\Drawings\012407_04_TS_001.dgn
REVISED DATE: **REVIDATE**

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	7	64

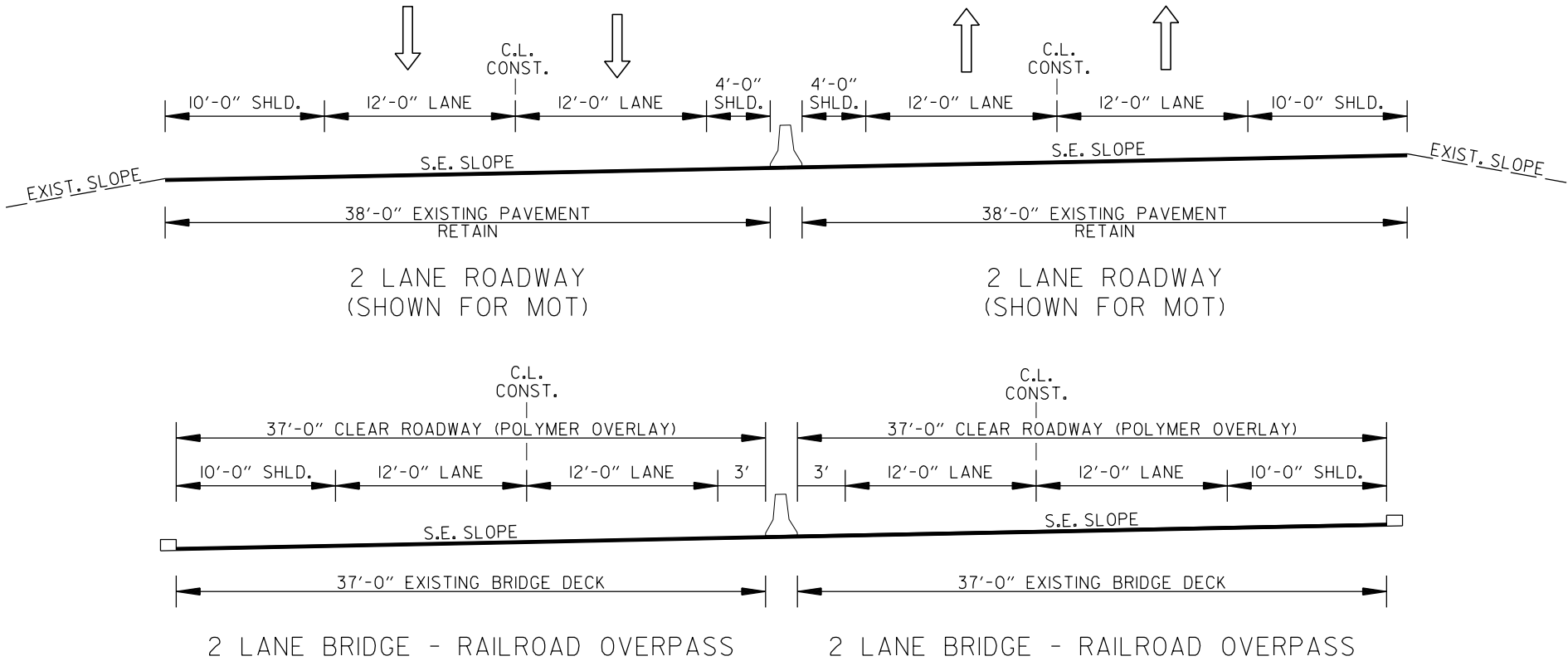
TYPICAL SECTIONS OF IMPROVEMENT



64 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

③ - BR. NO. 06225 - HWY. 63

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



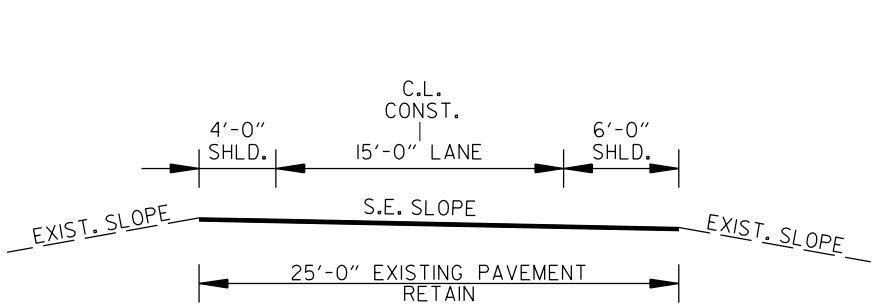
74 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

④ - BR. NO. 05423 - HWY. 65 (UNION PACIFIC RAILROAD OVERPASS)

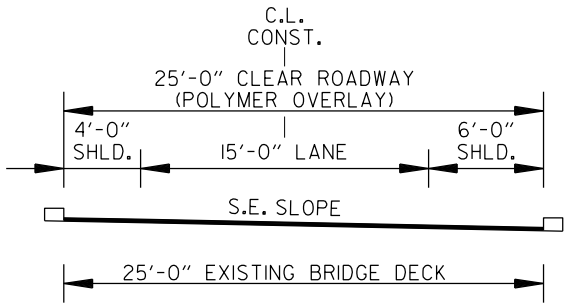
TYPICAL SECTIONS OF IMPROVEMENT

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	8	64

TYPICAL SECTIONS OF IMPROVEMENT



1 LANE RAMP (CONC. LANE/ASPH. SHLDRS.)
(SHOWN FOR MOT)



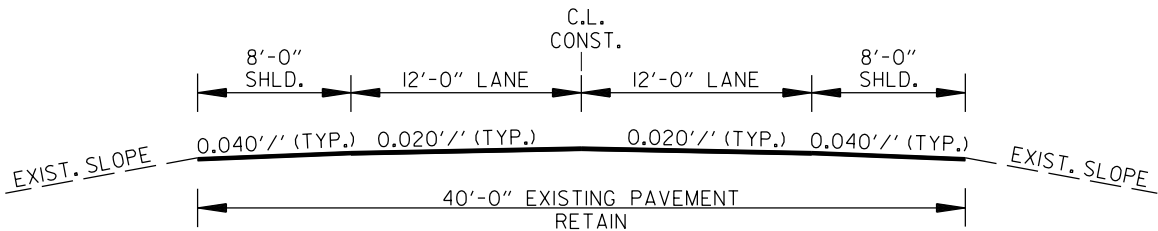
1 LANE OVERPASS BRIDGE

25 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

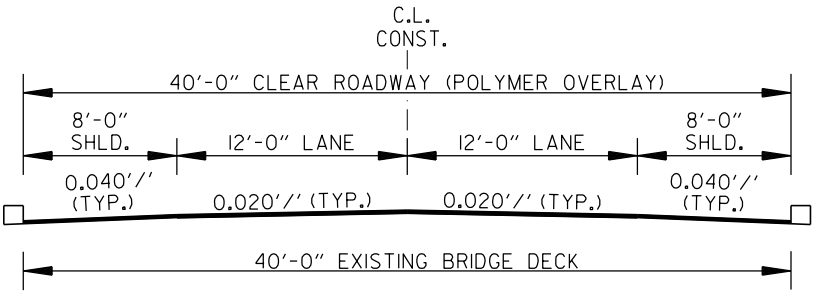
⑤ - BR NO. 06275 - HWY. 63 (I-530 OVERPASS)

NOTE:

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



2 LANE ROADWAY
(SHOWN FOR MOT)



2 LANE BRIDGE

40 FT. CLEAR ROADWAY BRIDGES - POLYMER OVERLAY

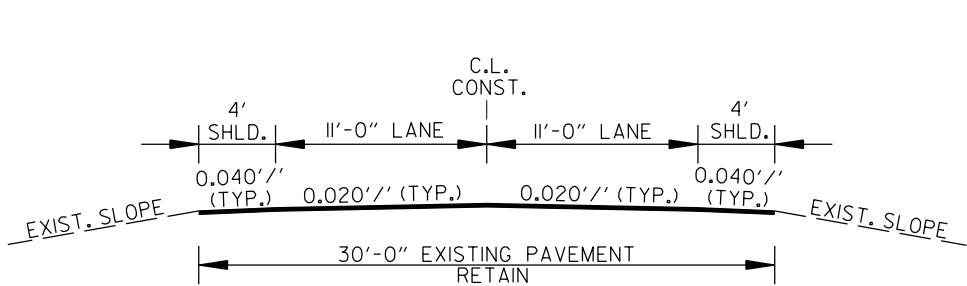
⑥ - BR. NO. 06582 - HWY. 63 (U.P. & ST. LOUIS RAILROAD OVERPASS)

⑦ - BR. NO. 06567 - HWY. 63 (U.P. RAILROAD OVERPASS)

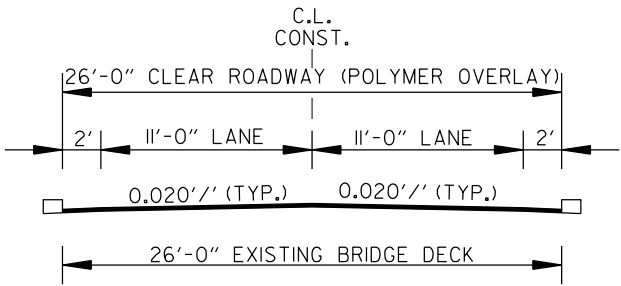
⑧ - BR. NO. 06566 - HWY. 63

TYPICAL SECTIONS OF IMPROVEMENT

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	9	64
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY
(SHOWN FOR MOT)

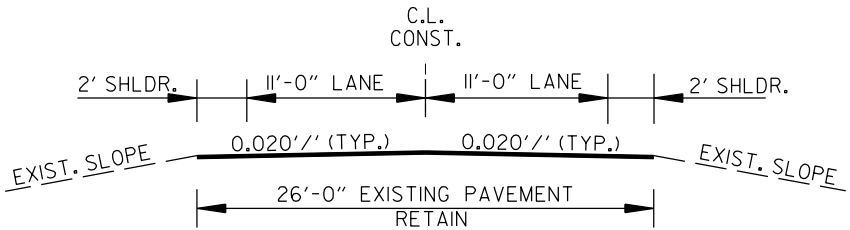


2 LANE BRIDGE

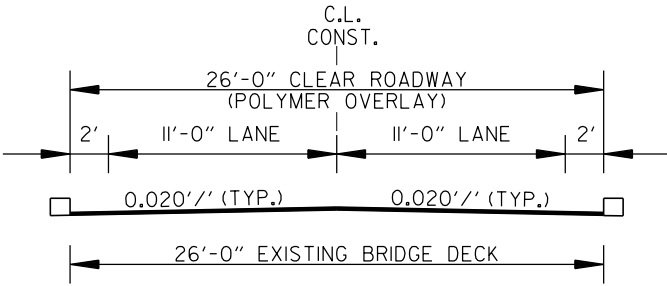
26 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

⑨ - BR NO. 02891 - HWY. 165

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



2 LANE ROADWAY
(SHOWN FOR MOT)



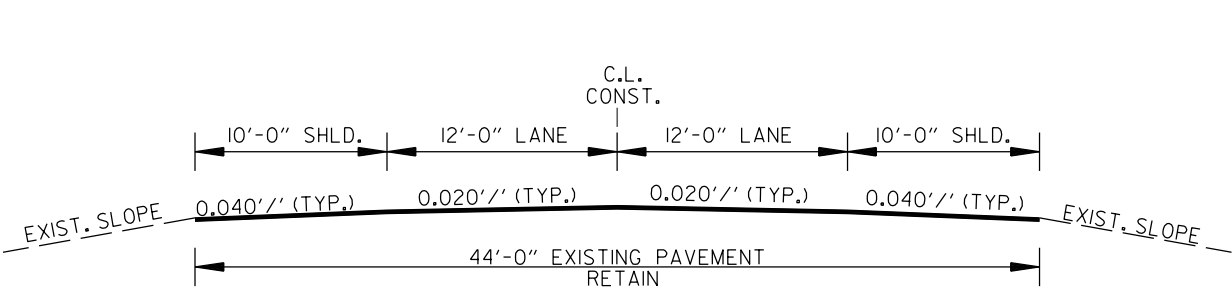
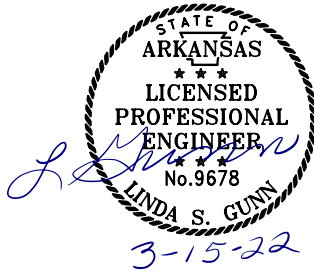
2 LANE BRIDGE

26 FT. CLEAR ROADWAY BRIDGES - POLYMER OVERLAY

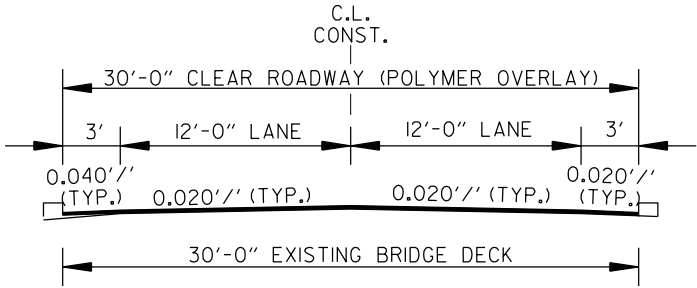
⑩ - BR. NO. 05436 - HWY. 138

⑪ - BR. NO. 05437 - HWY. 138

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	10	64
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY
(SHOWN FOR MOT)



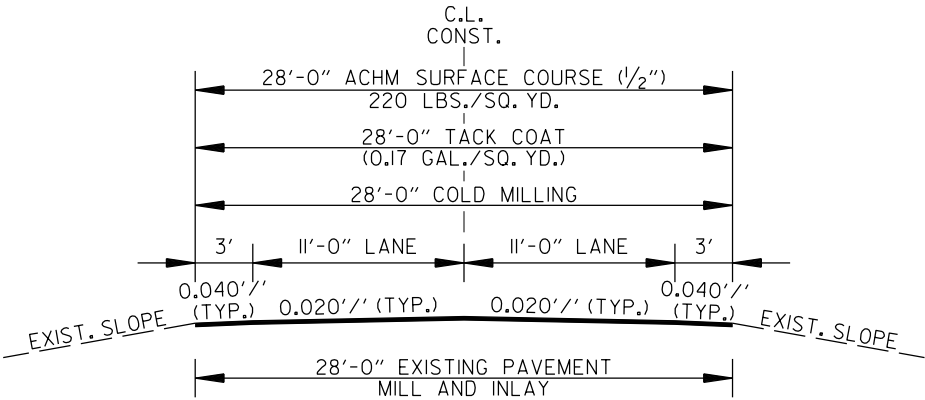
2 LANE ARKANSAS RIVER BRIDGE

30 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

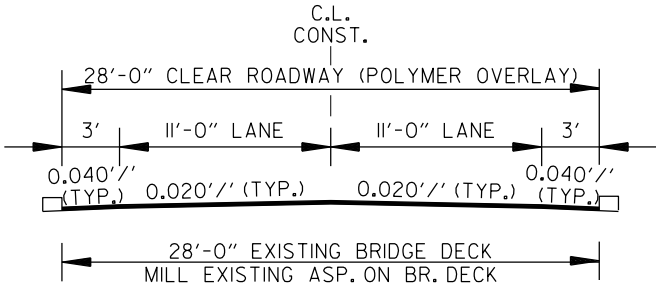
⑫ - BR NO. 05121 - HWY. 165

NOTES:

1. STRINGLINE WILL BE USED TO MAINTAIN A UNIFORM HORIZONTAL ALIGNMENT.
2. THE CONTRACTOR SHALL FURNISH & 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.
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



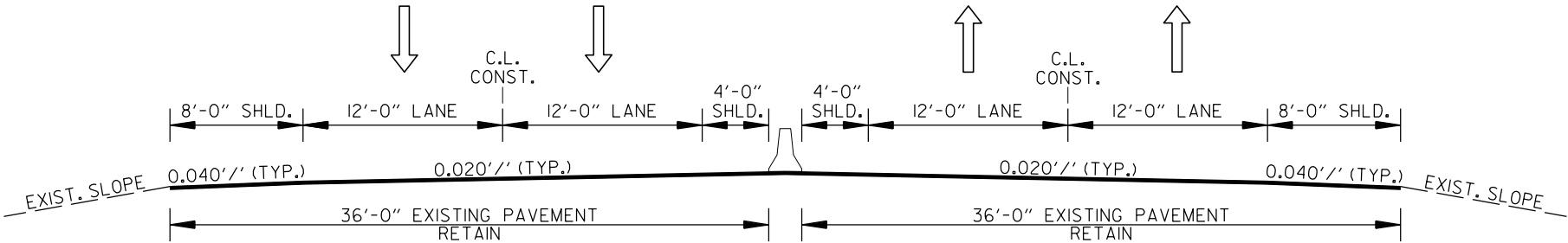
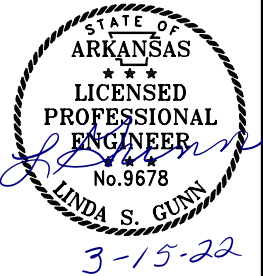
2 LANE BRIDGE

28 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY
(MILLING ASPHALT ON BR. DECK AND ROADWAY TRANSITIONS)

- ⑬ - BR. NO. 05140 - HWY. 35
⑭ - BR. NO. 05139 - HWY. 35
⑮ - BR. NO. 05138 - HWY. 35

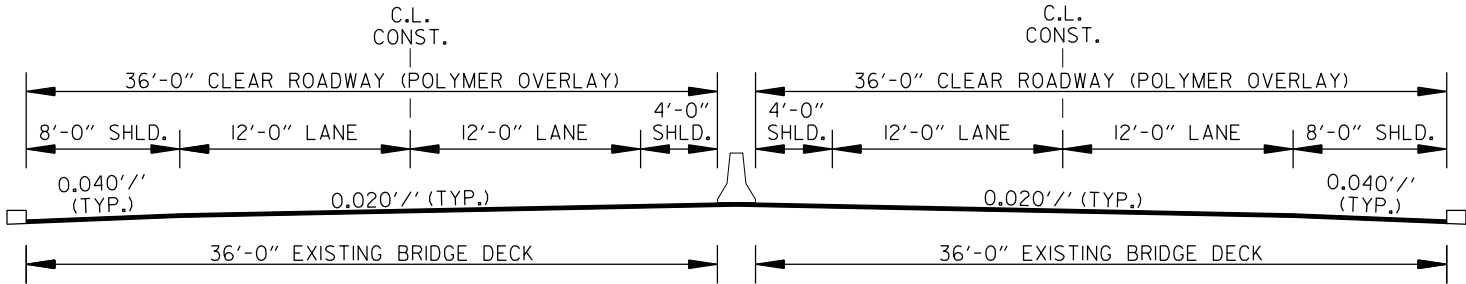
EXIST. ASP.
DEPTH ON BR.
2"
2"
2"

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	II	64
TYPICAL SECTIONS OF IMPROVEMENT						



4 LANE ROADWAY
(SHOWN FOR MOT)

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

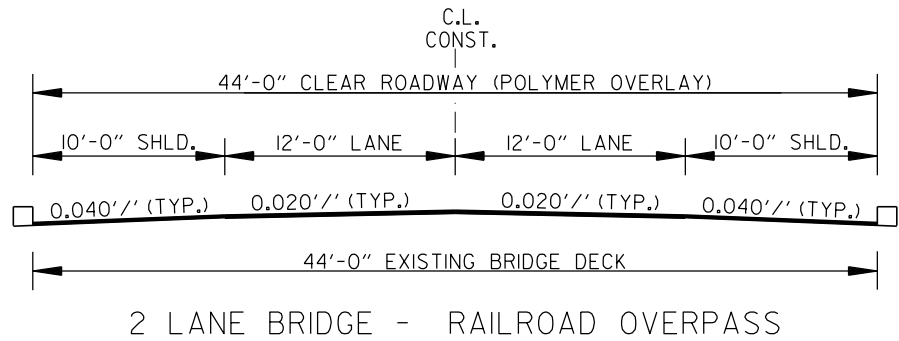
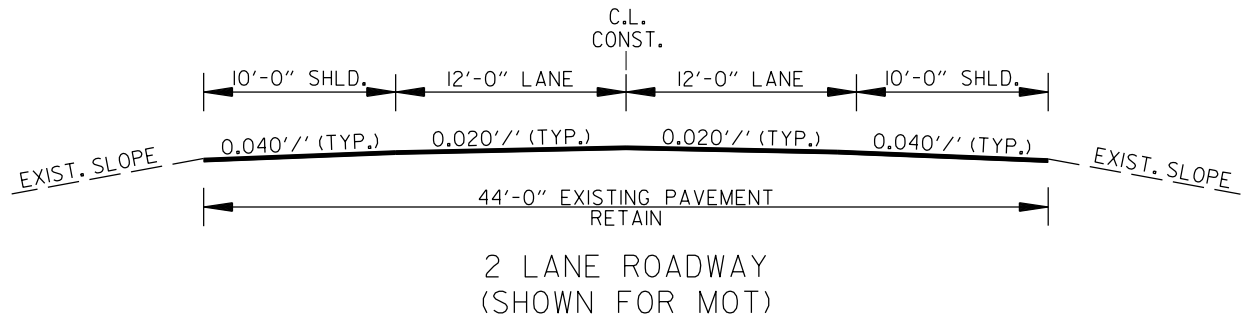
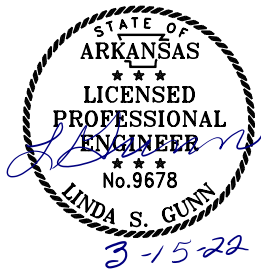


4 LANE BRIDGE

72 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

- (16) - BR. NO. 02069 - HWY. 65
(17) - BR. NO. 02070 - HWY. 65

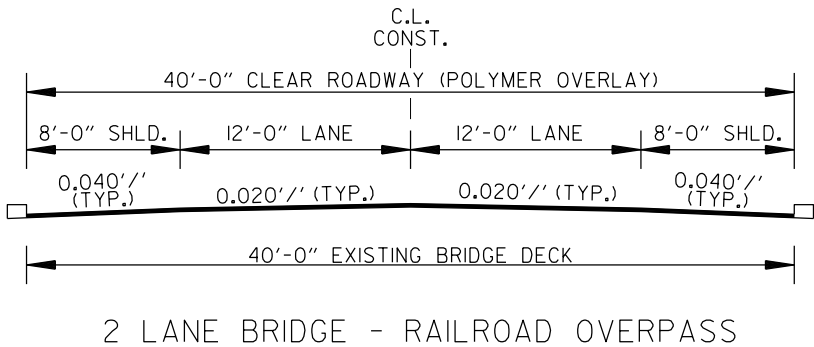
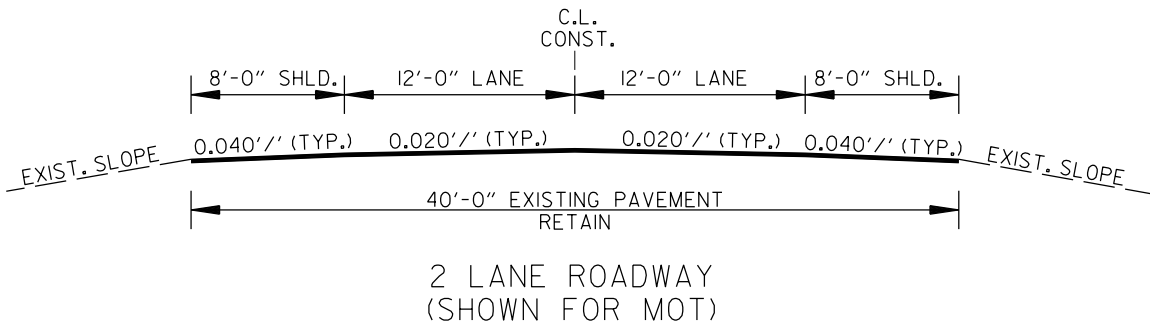
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	12	64
TYPICAL SECTIONS OF IMPROVEMENT						



44 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(18) - BR. NO. 05685 - HWY. 41 (D & E RAILROAD OVERPASS)

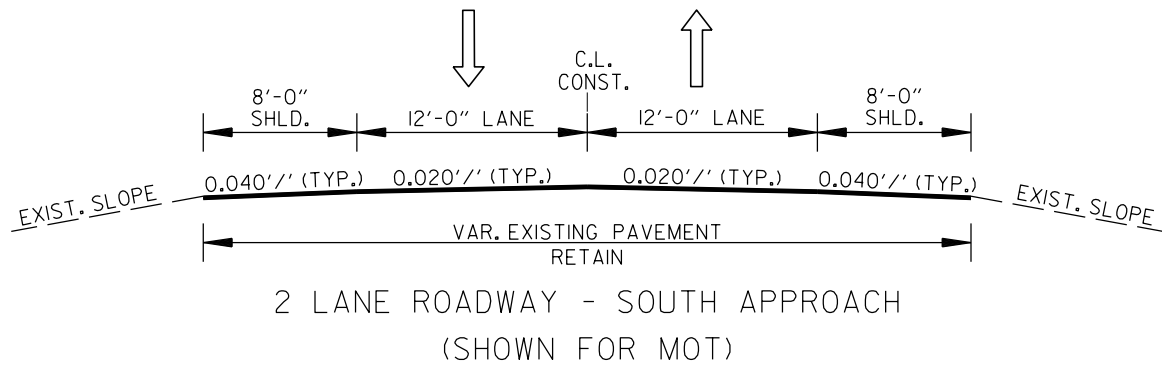
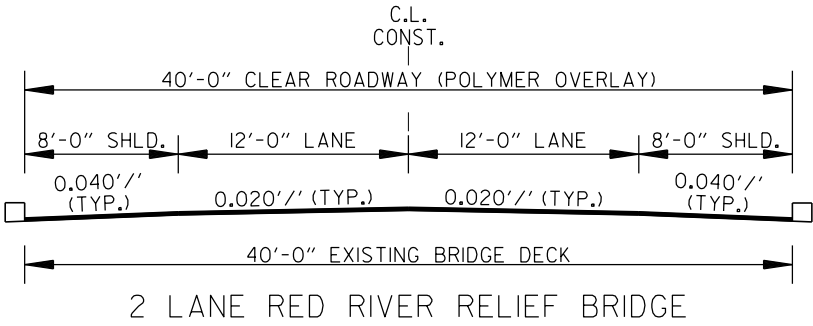
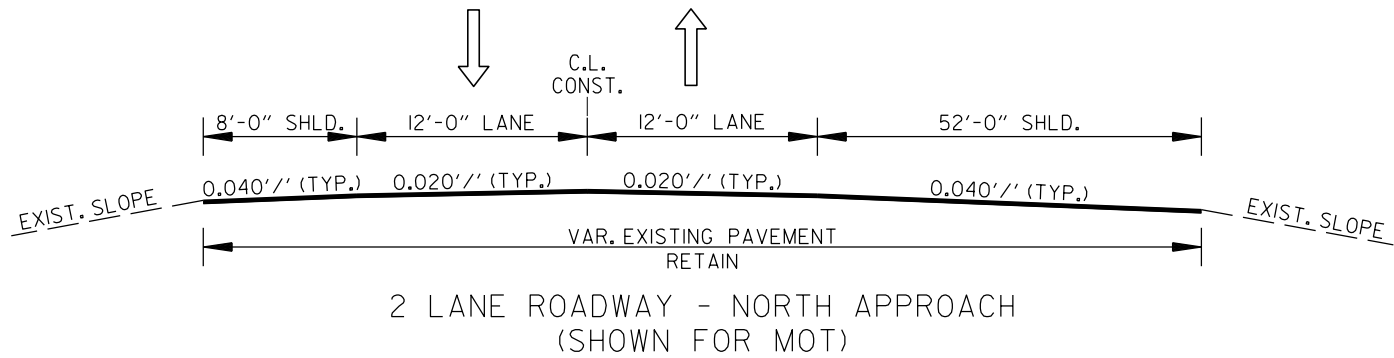
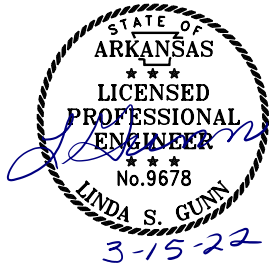
- NOTE:
- ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(19) - BR NO. 06620 - HWY. 71 (KANSAS CITY RAILROAD OVERPASS)

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	13	64
TYPICAL SECTIONS OF IMPROVEMENT						

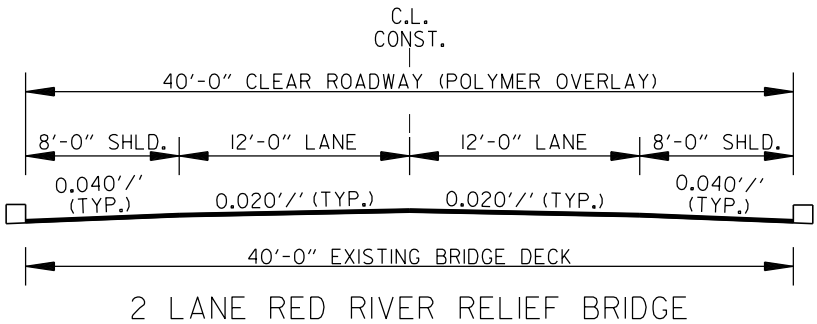
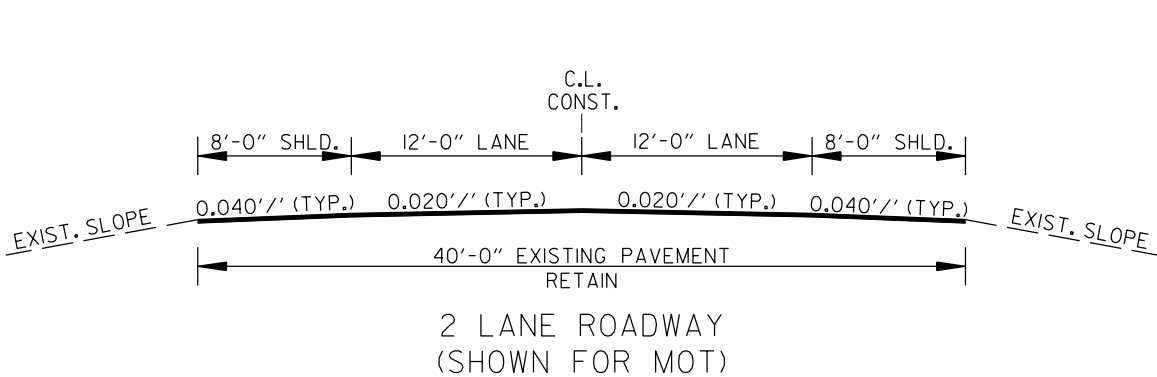
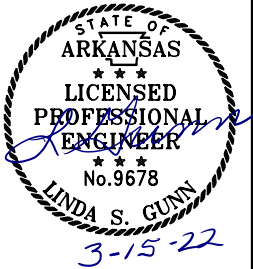


NOTE:
1. ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

20 - BR. NO. 06459 - HWY. 41

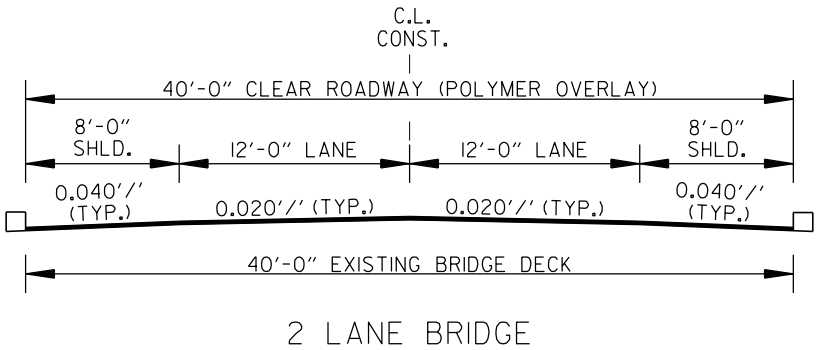
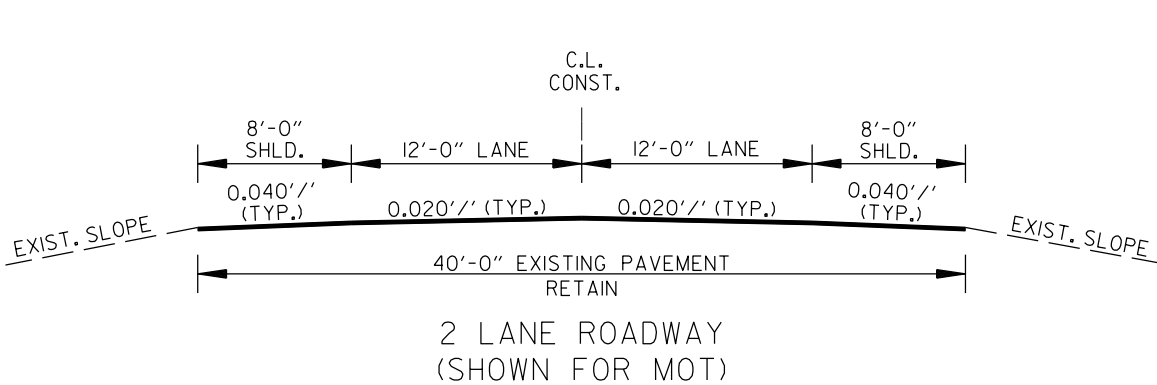
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	14	64
TYPICAL SECTIONS OF IMPROVEMENT						



(21) - BR. NO. 03408 - HWY. 41

NOTE:

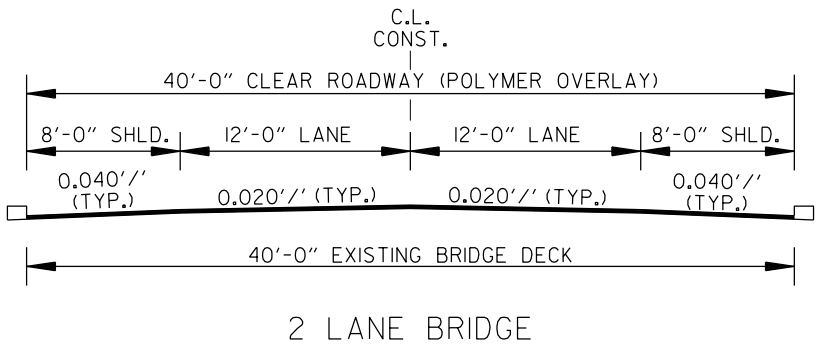
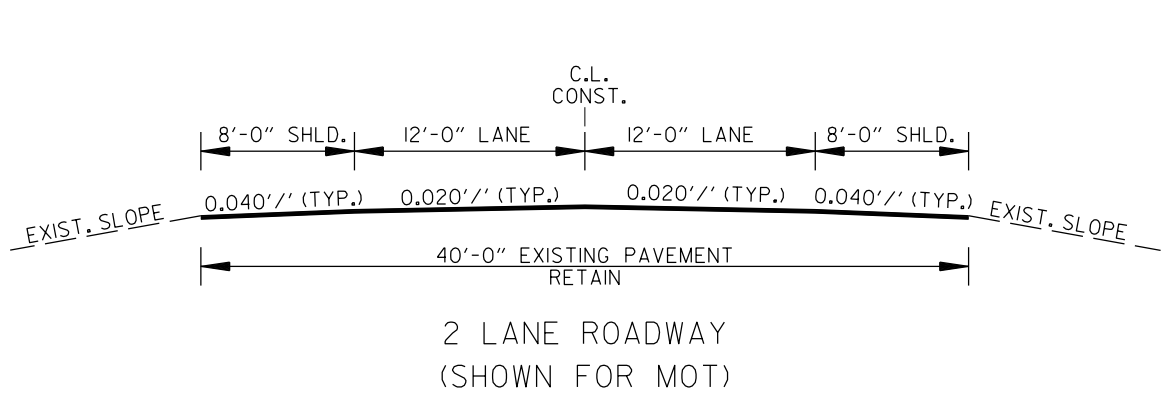
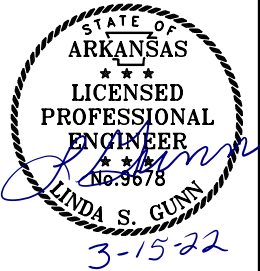
1. ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



(22) - BR. NO. 05718 - HWY. 41

TYPICAL SECTIONS OF IMPROVEMENT

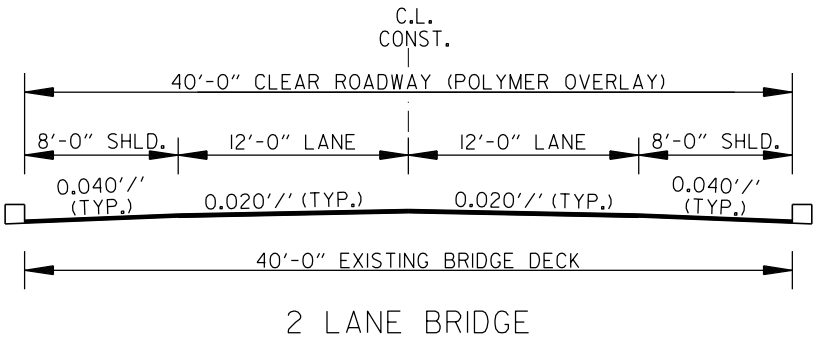
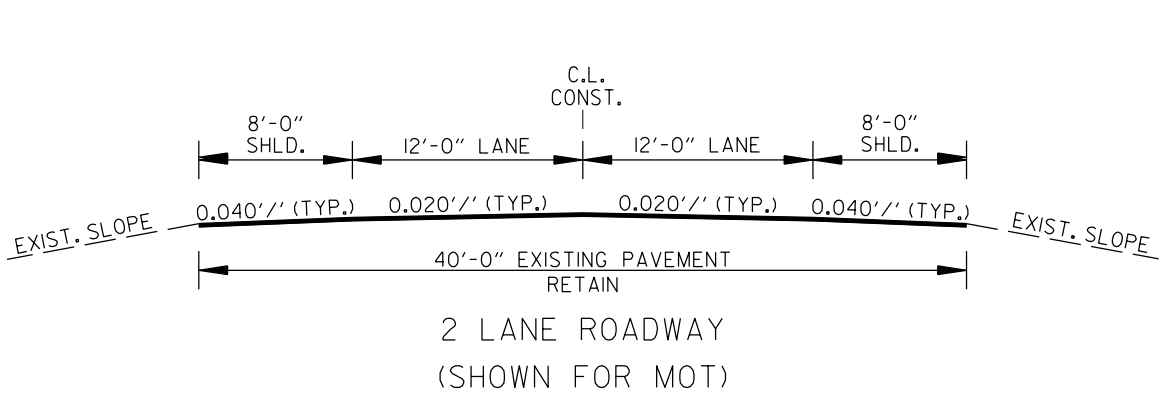
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEET'S
03-15-22		6	ARK.	012407	15	64
TYPICAL SECTIONS OF IMPROVEMENT						



40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

- (23) - BR. NO. 05719 - HWY. 41 (25) - BR. NO. 05721 - HWY. 41
(24) - BR. NO. 05720 - HWY. 41 (26) - BR. NO. 05722 - HWY. 41

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

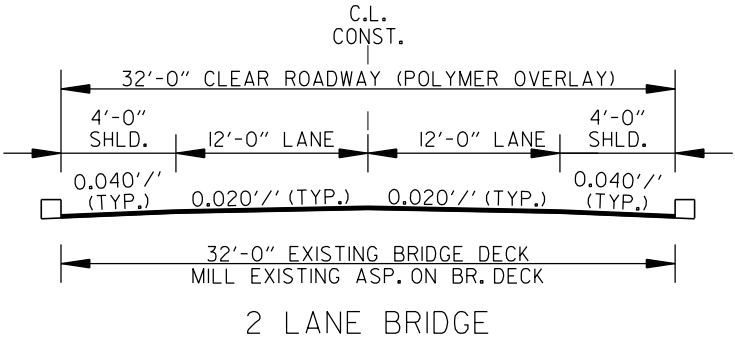
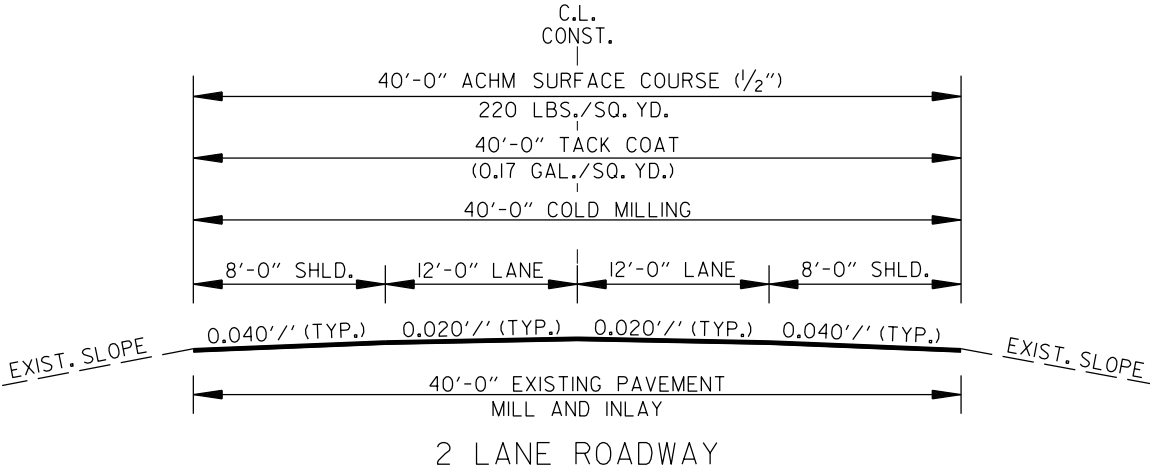
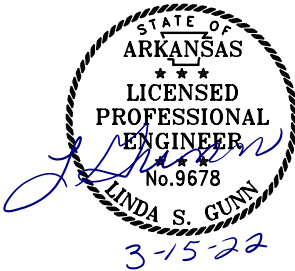


40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

- (27) - BR. NO. 07215 - HWY. 371
(28) - BR. NO. 07214 - HWY. 371

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	16	64

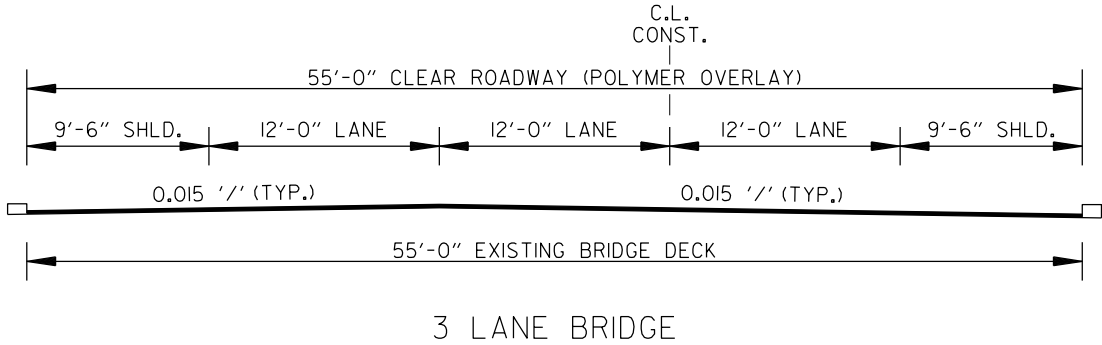
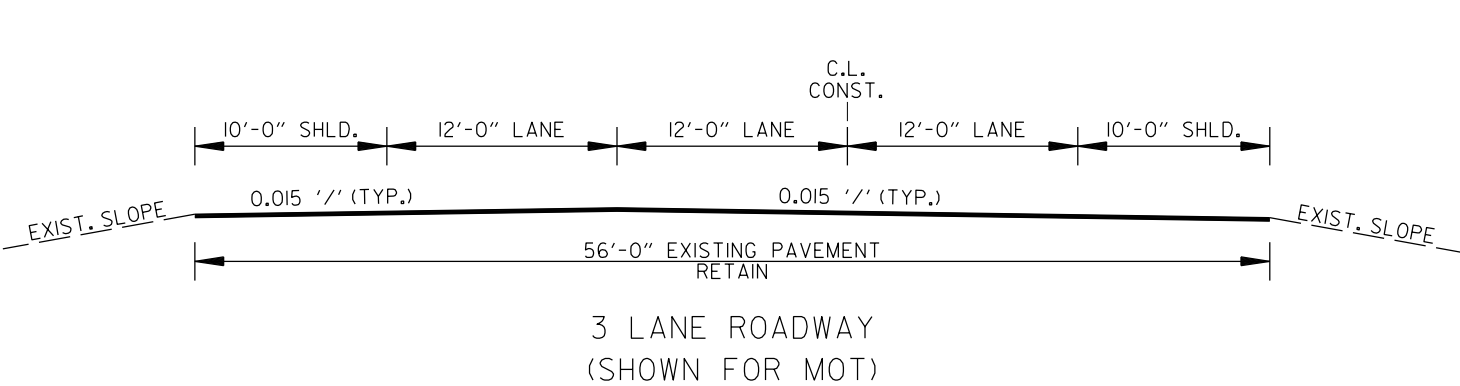
TYPICAL SECTIONS OF IMPROVEMENT



32 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY
(MILLING ON BR. DECK AND ROADWAY TRANSITIONS)

(29) - BR. NO. 05613 - HWY. 26
EXIST. ASP. DEPTH ON BR. 1"

- NOTES:
1. STRINGLINE WILL BE USED TO MAINTAIN A UNIFORM HORIZONTAL ALIGNMENT.
 2. THE CONTRACTOR SHALL FURNISH & 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.
 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.

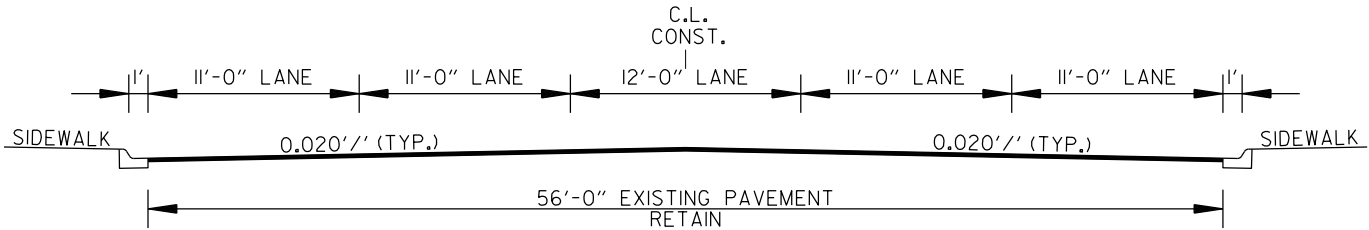
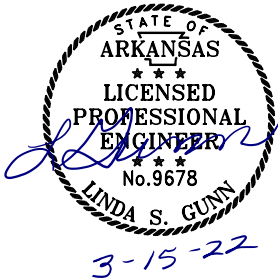


55 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

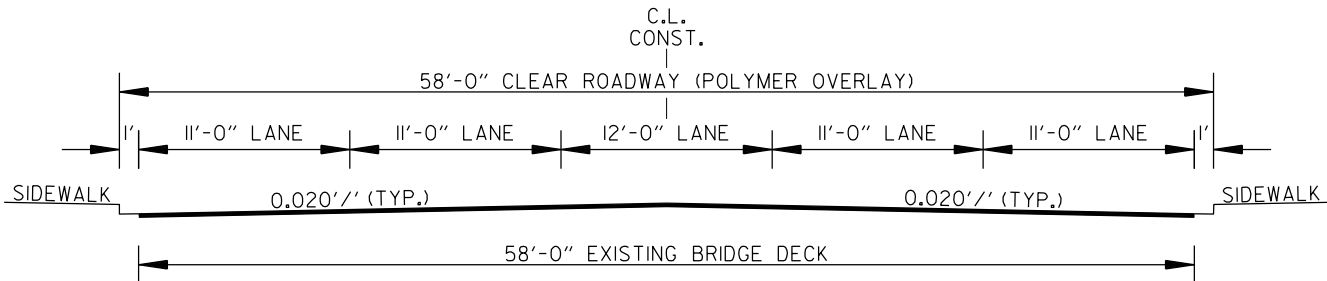
(30) - BR NO. 5627 - HWY. 278 (HWY. 79 OVERPASS)

TYPICAL SECTIONS OF IMPROVEMENT

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	17	64
TYPICAL SECTIONS OF IMPROVEMENT						



5 LANE ROADWAY
(SHOWN FOR MOT)



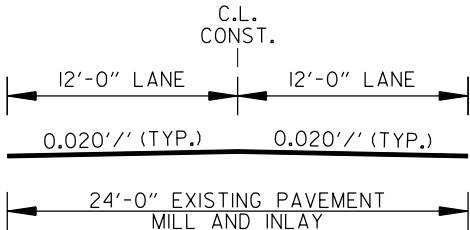
5 LANE I-30 OVERPASS BRIDGE

58 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

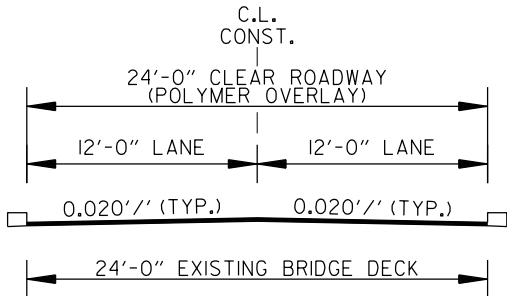
(31) - BR NO. 06962 - HWY. 51 (I-30 OVERPASS)

NOTE:

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



2 LANE ROADWAY
(SHOWN FOR MOT)

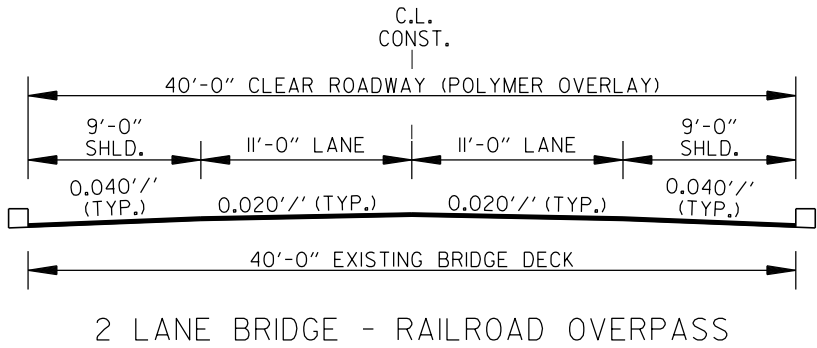
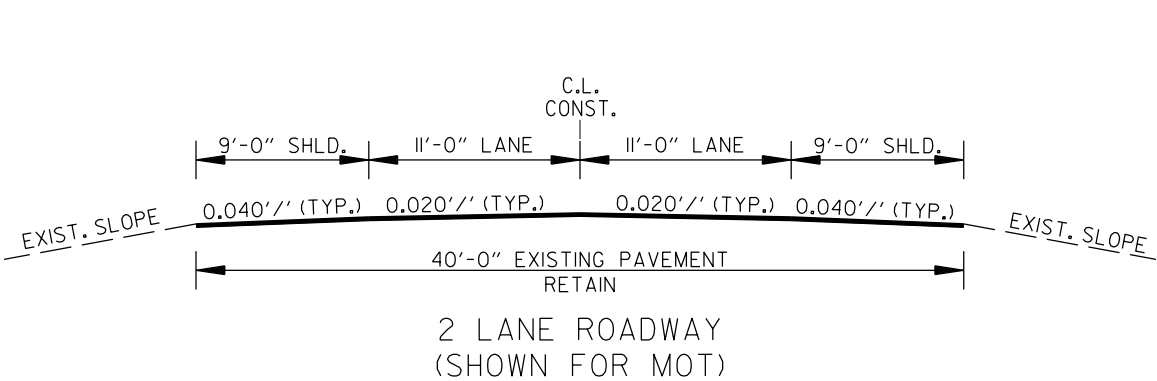
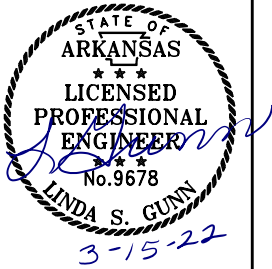


2 LANE I-30 OVERPASS BRIDGE

24 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(32) - BR NO. 03690 - C.R. 73/N. GUM SPRINGS RD. (I-30 OVERPASS)

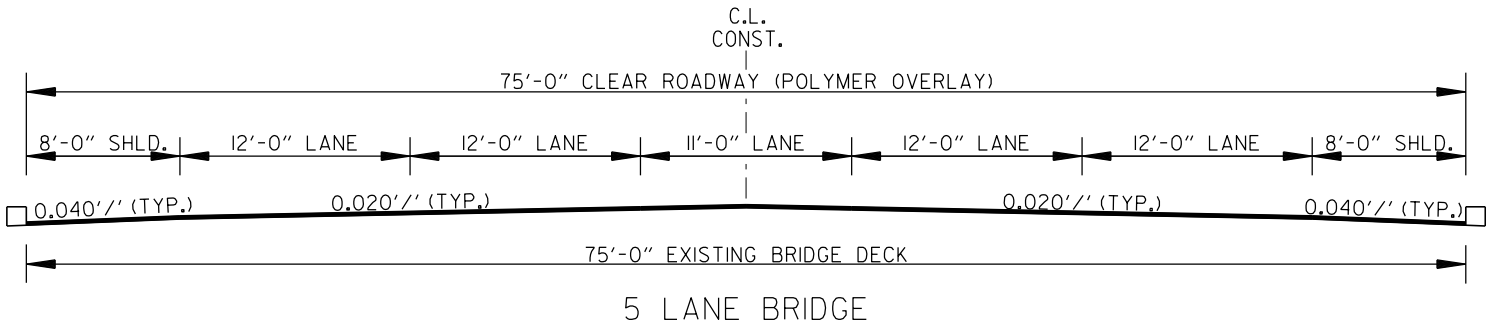
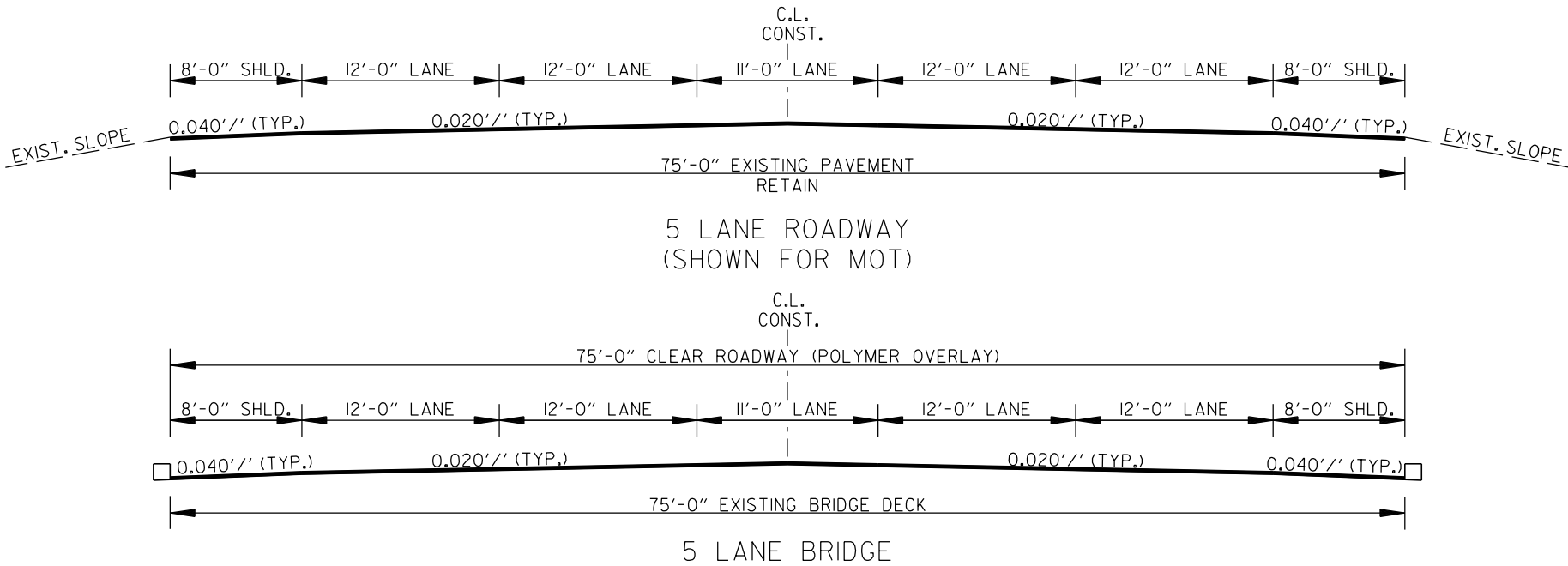
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	18	64
TYPICAL SECTIONS OF IMPROVEMENT						



40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

33 - BR. NO. 06633 - HWY. 63 (WARREN RAILROAD & SALINE RIVER OVERPASS)

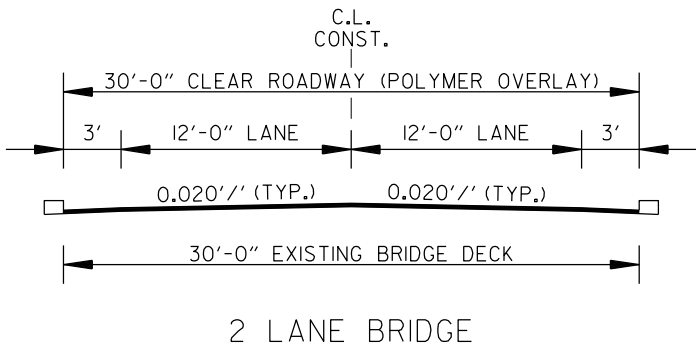
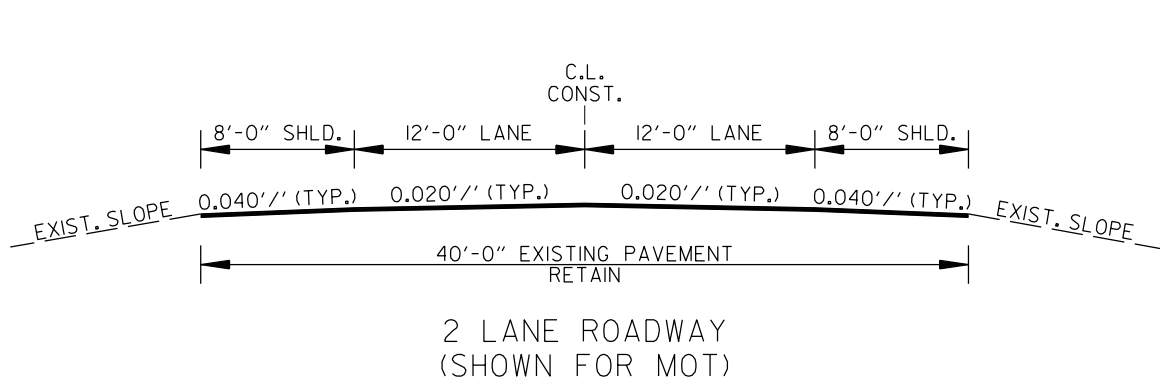
- NOTE:
- ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



75 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

34 - BR. NO. 06815 - HWY. 278

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	19	64
TYPICAL SECTIONS OF IMPROVEMENT						



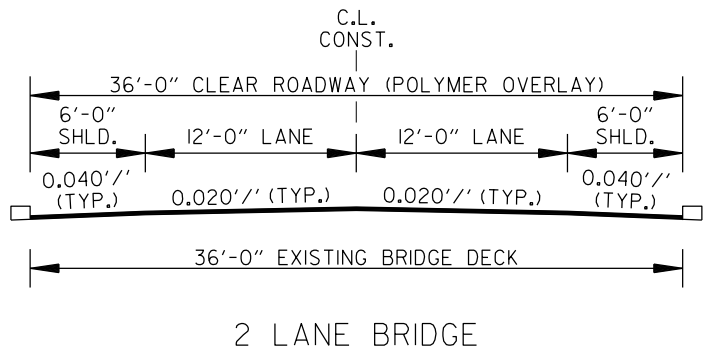
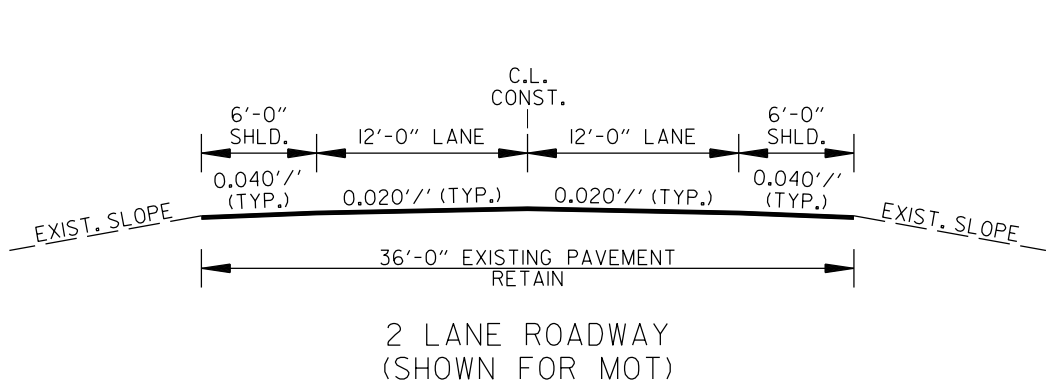
30 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

35 - BR. NO. 05560 - HWY. 63

36 - BR. NO. 05561 - HWY. 63

NOTE:

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



36 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

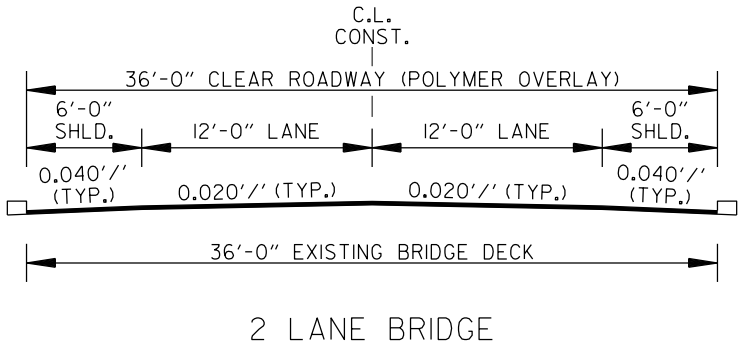
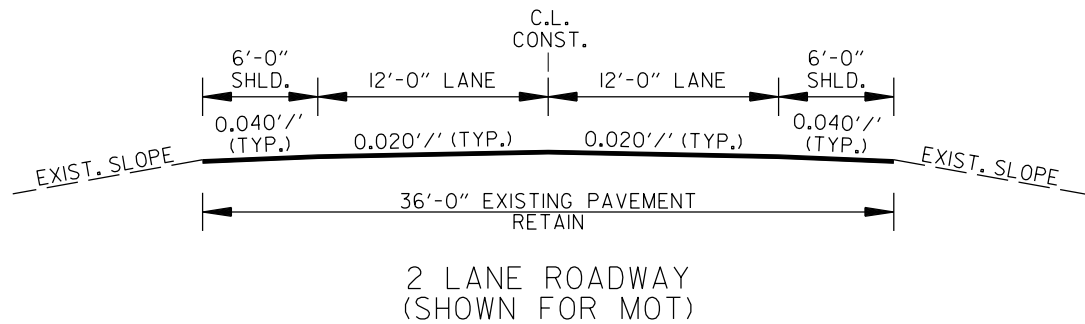
37 - BR. NO. 06530 - HWY. 63

38 - BR. NO. 06529 - HWY. 63

39 - BR. NO. 06528 - HWY. 63

40 - BR. NO. 06527 - HWY. 63

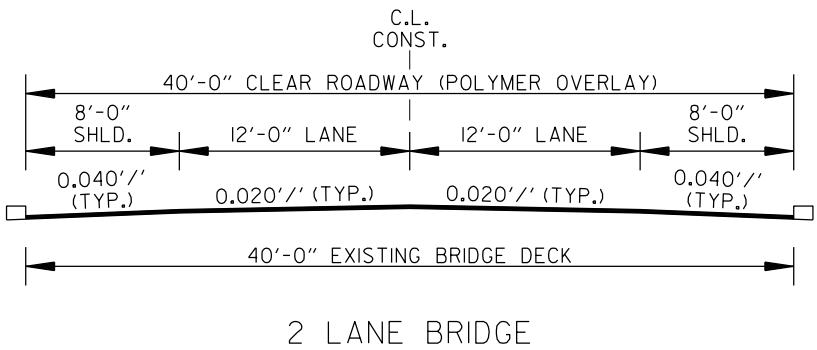
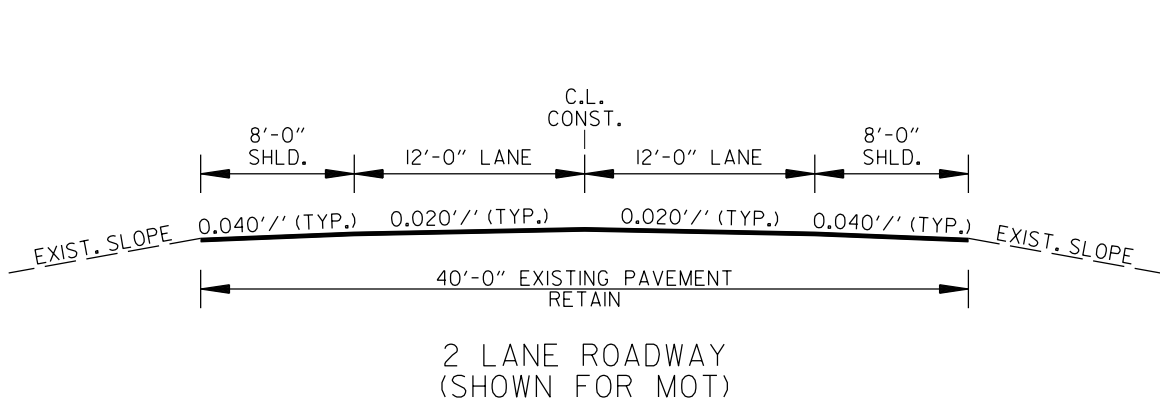
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	20	64
TYPICAL SECTIONS OF IMPROVEMENT						



36 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

④1 - BR NO. 06303 - HWY. 63

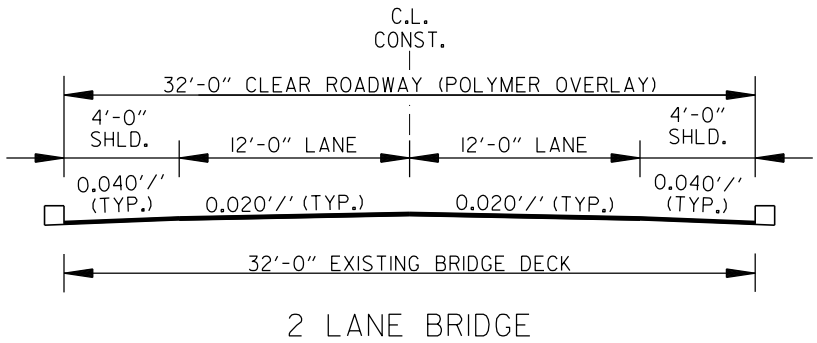
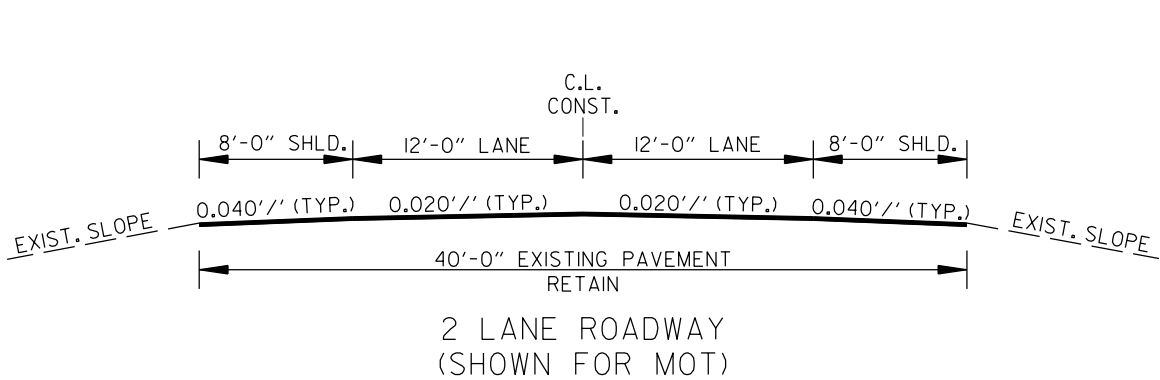
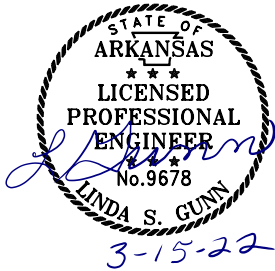
- NOTE:
- ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

④2 - BR NO. 06863 - HWY. 98

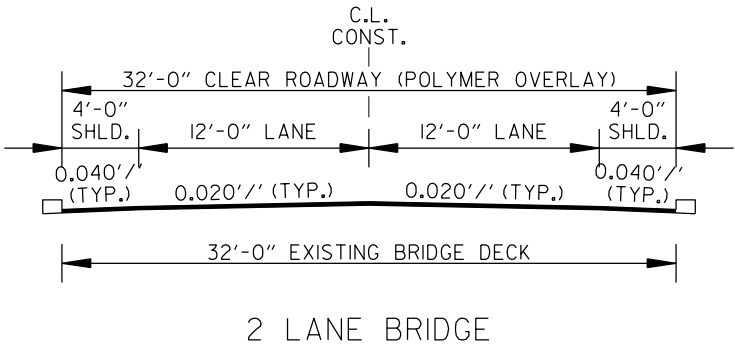
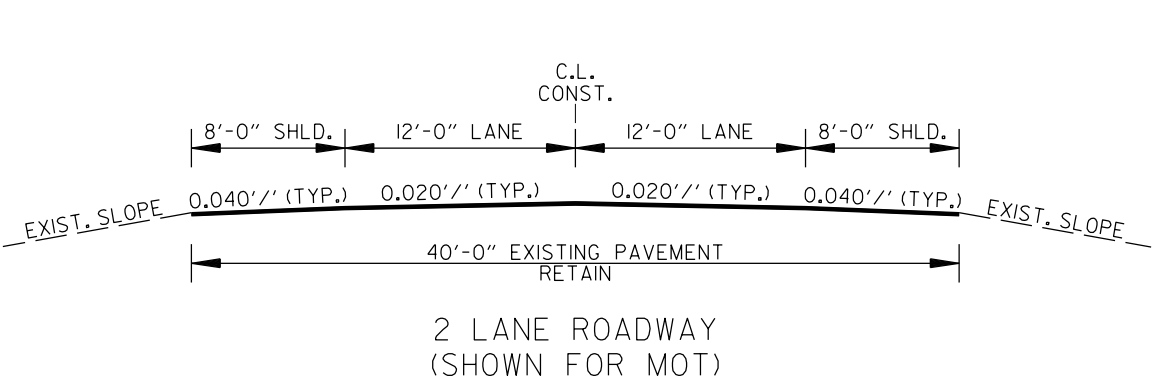
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	21	64
TYPICAL SECTIONS OF IMPROVEMENT						



32 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

- (43) - BR. NO. 06693 - HWY. I5
(44) - BR. NO. 06694 - HWY. I5

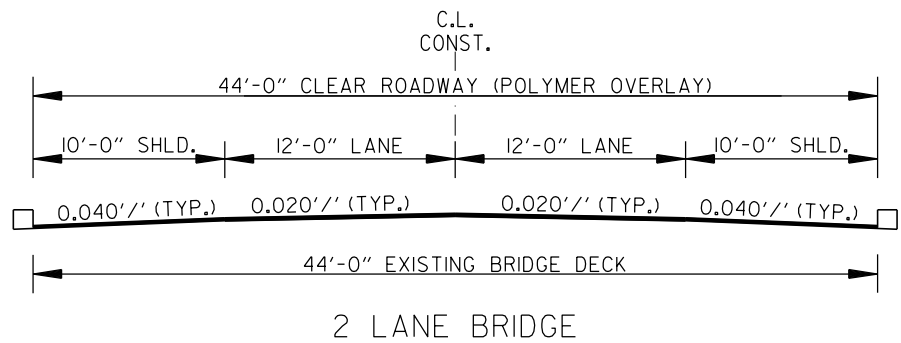
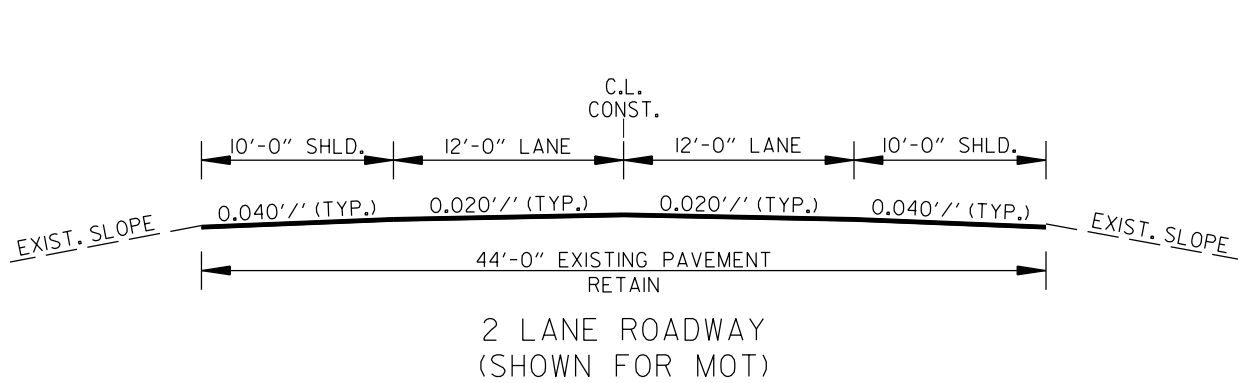
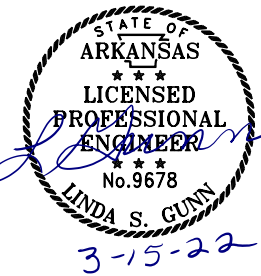
NOTE:
I. ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



32 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

- (45) - BR. NO. 06695 - HWY. I5
(46) - BR. NO. 06696 - HWY. I5
(47) - BR. NO. 06697 - HWY. I5

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	22	64
TYPICAL SECTIONS OF IMPROVEMENT						

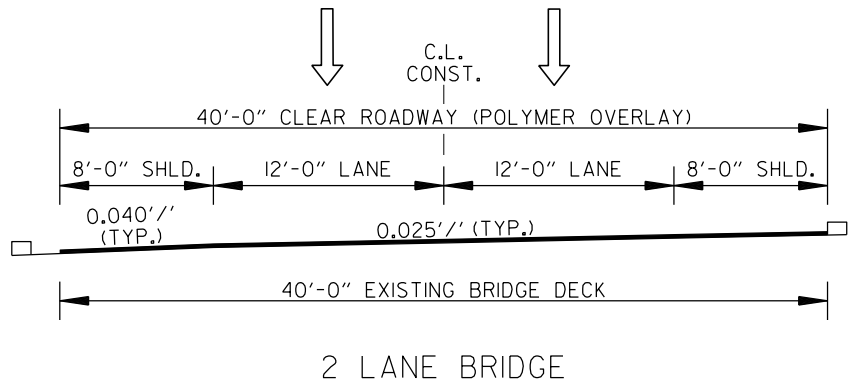
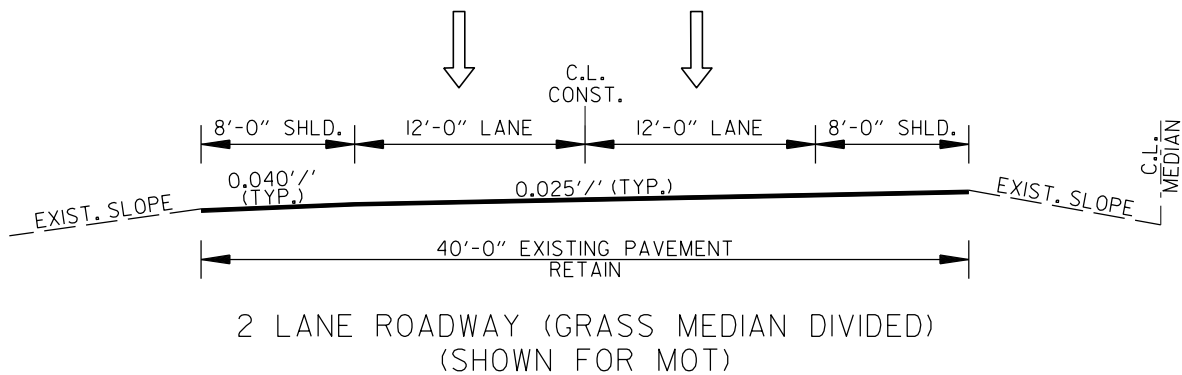


44 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(48) - BR. NO. 05792 - HWY. 15 (HWY. 82 OVERPASS)

NOTE:

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



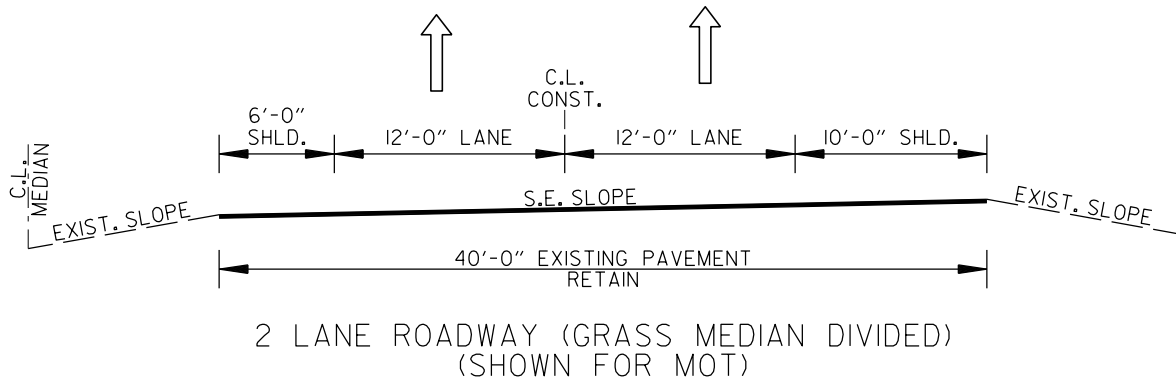
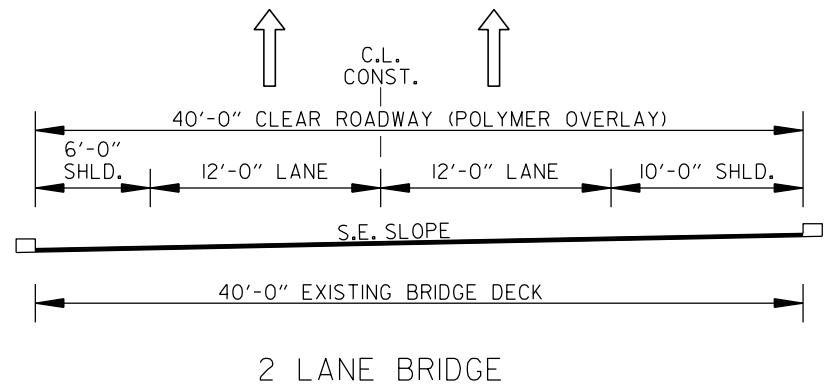
40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(49) - BR NO. 05220 - HWY. 7

NOTE: BR. 05220 AND BR. B7085 ARE A PAIR.

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PROJECT: ARDOT\B6576_012407.Bridge Preservation
REVISED DATE: \$*REVIDATE\$*

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEET'S
03-15-22		6	ARK.	012407	23	64
TYPICAL SECTIONS OF IMPROVEMENT						



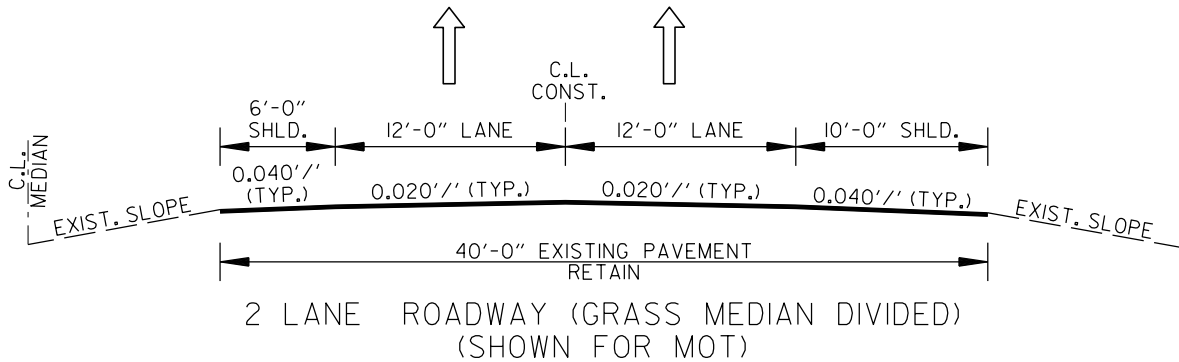
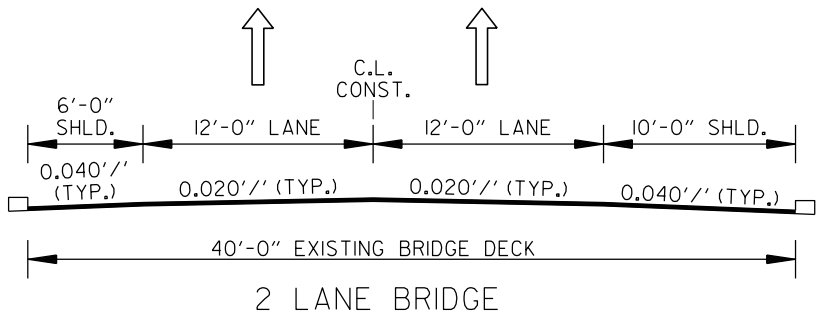
40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(50) - BR NO. B7085 - HWY.7

NOTE: BR. 05220 AND BR. B7085 ARE A PAIR.

NOTE:

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



40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

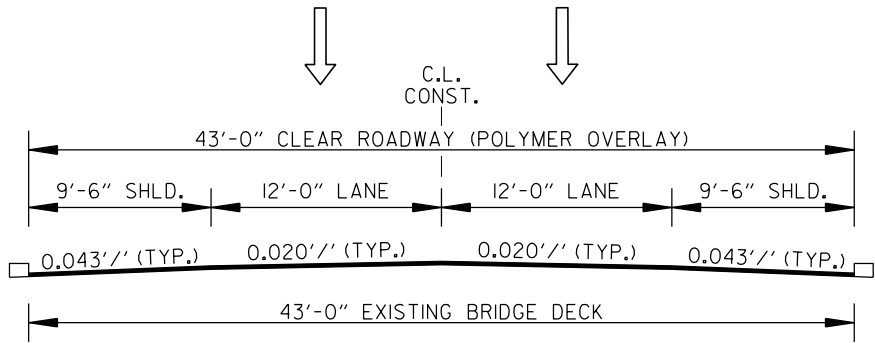
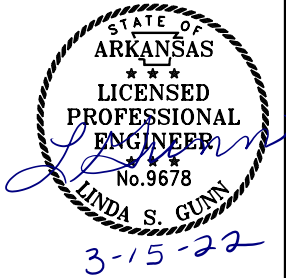
(51) - BR NO. 05907 - HWY. 7

NOTE: BR. 05907 AND BR. 05221 ARE A PAIR.

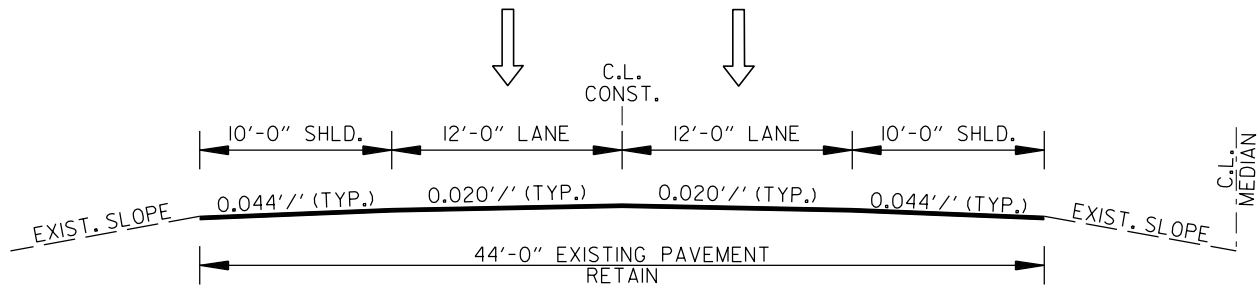
TYPICAL SECTIONS OF IMPROVEMENT

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REVISED DATE: **REVIDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	24	64
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE BRIDGE



2 LANE (GRASS MEDIAN DIVIDED) ROADWAY
(SHOWN FOR MOT)

43 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(52) - BR NO. 05221 - HWY. 7

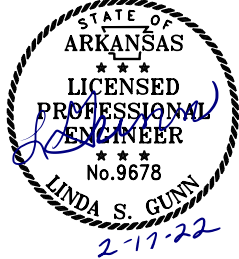
NOTE: BR. 05907 AND BR. 05221 ARE A PAIR.

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

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REVISED DATE: \$*REVIDATE\$*

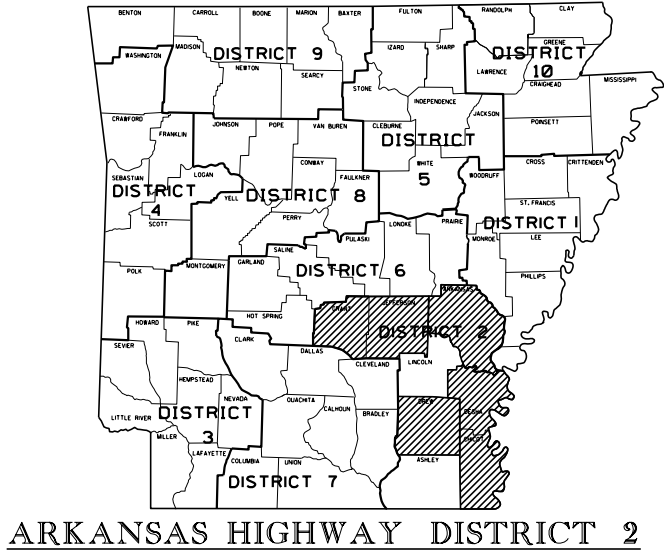
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012407	25	64

SPECIAL DETAILS



T 2 S
T 3 S
T 4 S
T 5 S
T 6 S
T 7 S
T 8 S
T 9 S
T 10 S
T 11 S
T 12 S
T 13 S
T 14 S
T 15 S
T 16 S
T 17 S
T 18 S
T 19 S

SPECIAL DETAILS



ARKANSAS HIGHWAY DISTRICT 2

LEGEND

○ - POLYMER OVERLAY

1 HWY. 190, SEC. 4
LOG MILE 5.530 BR. END
OVER DERRIEUSSEAU CREEK
180' - 0" BRIDGE NO. 05470
26' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

2 HWY. 65, SEC. 14B
LOG MILE 0.289 BR. END
OVER I-530 (O.P.)
583' - 10 11/16" BRIDGE NO. 06255
25' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

3 HWY. 463, SEC. 3
LOG MILE 2.460 BR. END
OVER BAYOU BARTHOLOMEW
299' - 4 1/4" BRIDGE NO. 06225
64' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

4 HWY. 65, SEC. 14B
LOG MILE 6.445 BR. END
OVER U.P. R.R. (O.P.)
2342' - 4" BRIDGE NO. 05423
74' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

5 HWY. 63, SEC. 13
LOG MILE 11.300 BR. END
OVER I-530 (O.P.)
542' - 1" BRIDGE NO. 06275
25' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

6 HWY. 63, SEC. 13
LOG MILE 8.397 BR. END
OVER U.P. & ST. LOUIS R.R. (O.P.)
788' - 2 5/8" BRIDGE NO. 06582
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

7 HWY. 63, SEC. 13
LOG MILE 0.642 BR. END
OVER U.P. R.R. (O.P.)
242' - 5 11/16" BRIDGE NO. 06567
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

8 HWY. 63, SEC. 13
LOG MILE 3.424 BR. END
OVER PLUM BAYOU
414' - 3 5/8" BRIDGE NO. 06566
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

9 HWY. 165, SEC. 5
LOG MILE 28.572 BR. END
OVER MILL BAYOU
150' - 0" BRIDGE NO. 02891
26' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

10 HWY. 138, SEC. 3
LOG MILE 20.931 BR. END
OVER BAYOU BARTHOLOMEW
362' - 2 5/8" BRIDGE NO. 05436
26' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

11 HWY. 138, SEC. 3
LOG MILE 22.414 BR. END
OVER COON BAYOU
90' - 0" BRIDGE NO. 05437
26' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

12 HWY. 165, SEC. 4
LOG MILE 10.253 BR. END
OVER ARKANSAS RIVER
2898' - 8" BRIDGE NO. 05121
30' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

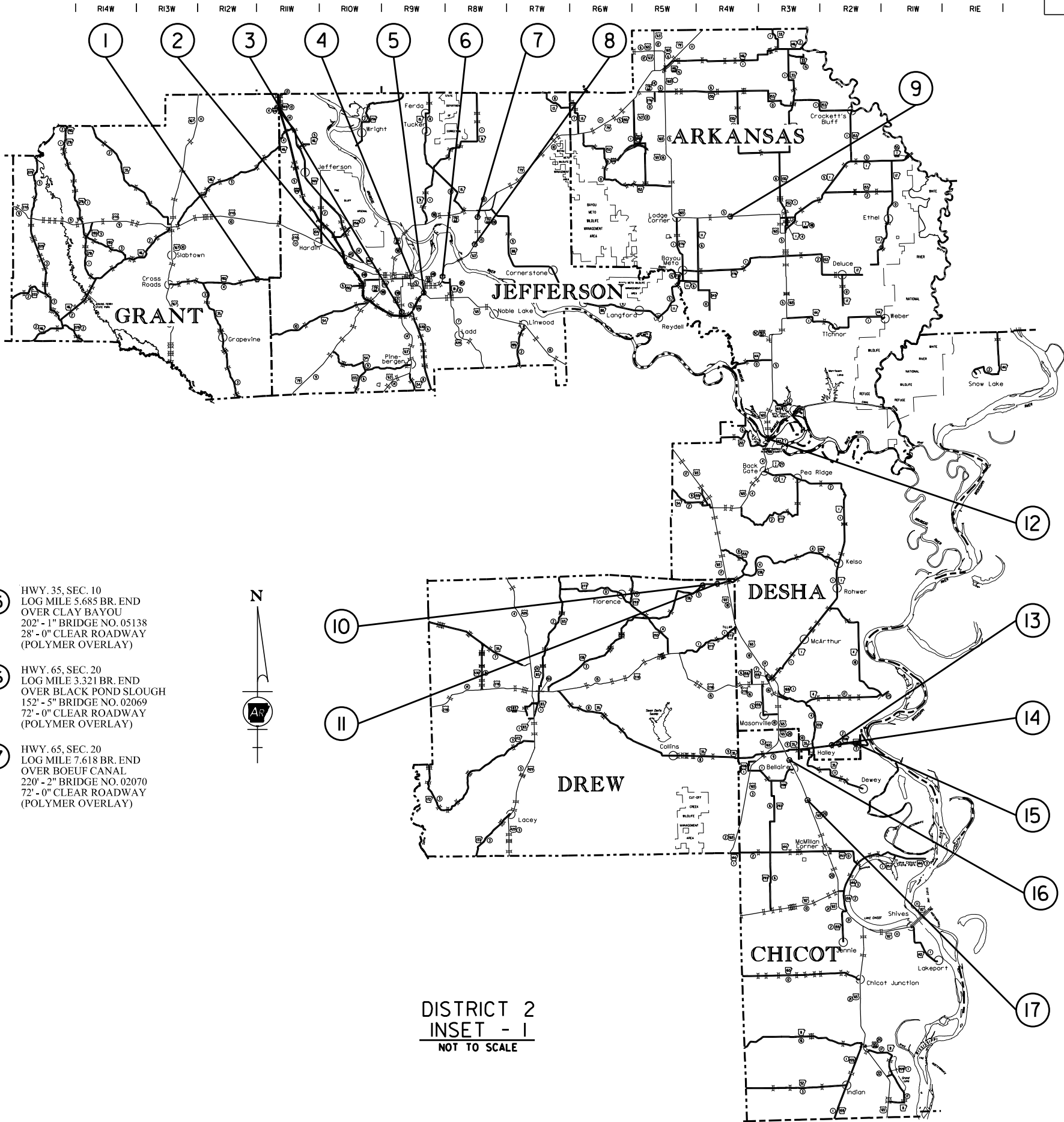
13 HWY. 35, SEC. 10
LOG MILE 3.280 BR. END
OVER BAYOU MACON
242' - 1" BRIDGE NO. 05140
28' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

14 HWY. 35, SEC. 10
LOG MILE 4.041 BR. END
OVER CANAL 43
182' - 1" BRIDGE NO. 05139
28' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

15 HWY. 35, SEC. 10
LOG MILE 5.685 BR. END
OVER CLAY BAYOU
202' - 1" BRIDGE NO. 05138
28' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

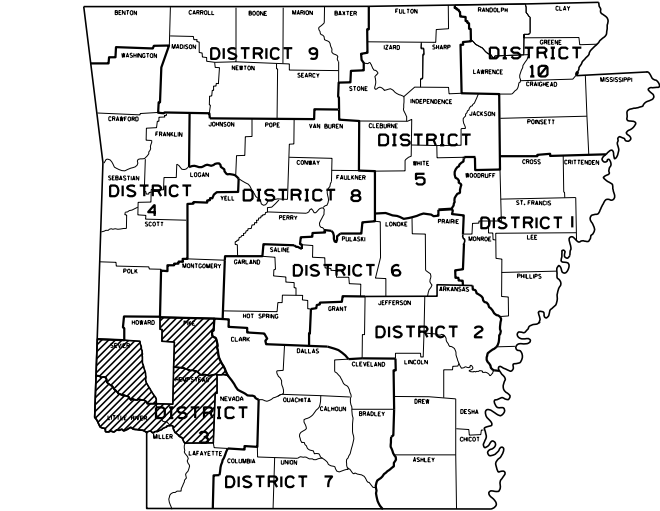
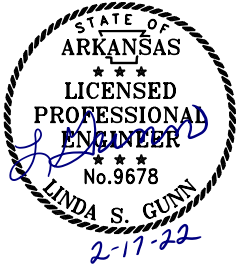
16 HWY. 65, SEC. 20
LOG MILE 3.321 BR. END
OVER BLACK POND SLOUGH
152' - 5" BRIDGE NO. 02069
72' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

17 HWY. 65, SEC. 20
LOG MILE 7.618 BR. END
OVER BOEUF CANAL
220' - 2" BRIDGE NO. 02070
72' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)



DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012407	26	64

SPECIAL DETAILS



ARKANSAS HIGHWAY DISTRICT 3

LEGEND

○ - POLYMER OVERLAY

- 18

HWY. 41, SEC. 1
LOG MILE 0.342 BR. END
OVER D & F R.R.
229' - 1 7/8" BRIDGE NO. 05685
44' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 19

HWY. 71, SEC. 7
LOG MILE 6.065 BR. END
OVER K.C.R.R. (O.P.)
774' - 2 5/8" BRIDGE NO. 06620
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 20

HWY. 41, SEC. 3
LOG MILE 10.515 BR. END
OVER RED RIVER RELIEF
428' - 11 1/2" BRIDGE NO. 06459
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 21

HWY. 41, SEC. 3
LOG MILE 9.259 BR. END
OVER RED RIVER RELIEF
75' - 0" BRIDGE NO. 03408
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 22

HWY. 41, SEC. 3
LOG MILE 8.545 BR. END
OVER CHOCTAW BAYOU
120' - 0" BRIDGE NO. 05718
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 23

HWY. 41, SEC. 3
LOG MILE 8.359 BR. END
OVER CHOCTAW BAYOU RELIEF
90' - 0" BRIDGE NO. 05719
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 24

HWY. 41, SEC. 3
LOG MILE 5.089 BR. END
OVER WALNUT BAYOU RELIEF
75' - 0" BRIDGE NO. 05720
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 25

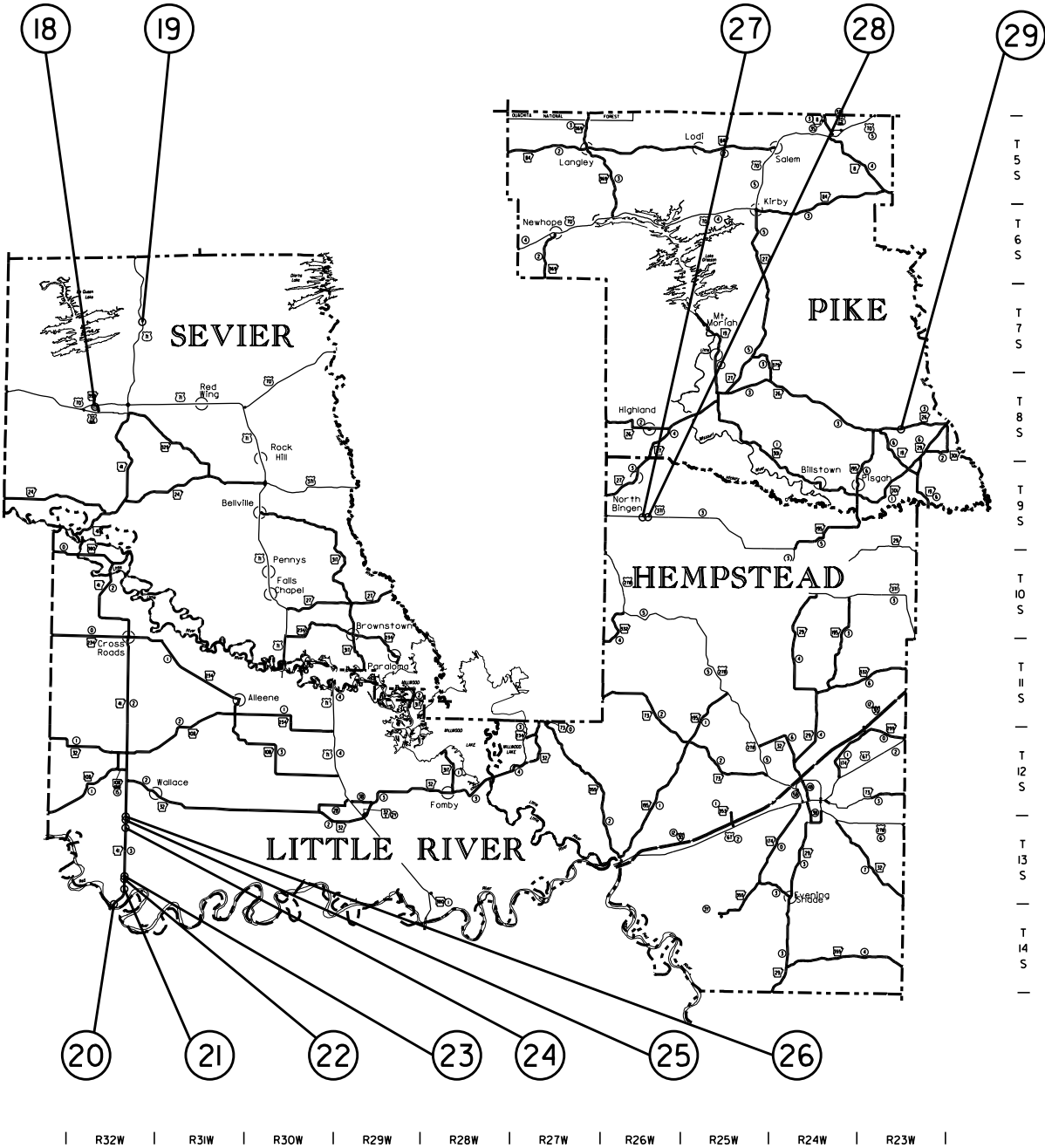
HWY. 41, SEC. 3
LOG MILE 4.535 BR. END
OVER WALNUT BAYOU RELIEF
200' - 0" BRIDGE NO. 05721
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 26

HWY. 41, SEC. 3
LOG MILE 4.301 BR. END
OVER WALNUT BAYOU
150' - 0" BRIDGE NO. 05722
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 27

HWY. 371, SEC. 3
LOG MILE 2.894 BR. END
OVER OZAN CREEK
181' - 0" BRIDGE NO. 07215
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 28

HWY. 371, SEC. 3
LOG MILE 2.626 BR. END
OVER OZAN CREEK RELIEF
181' - 0" BRIDGE NO. 07214
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 29

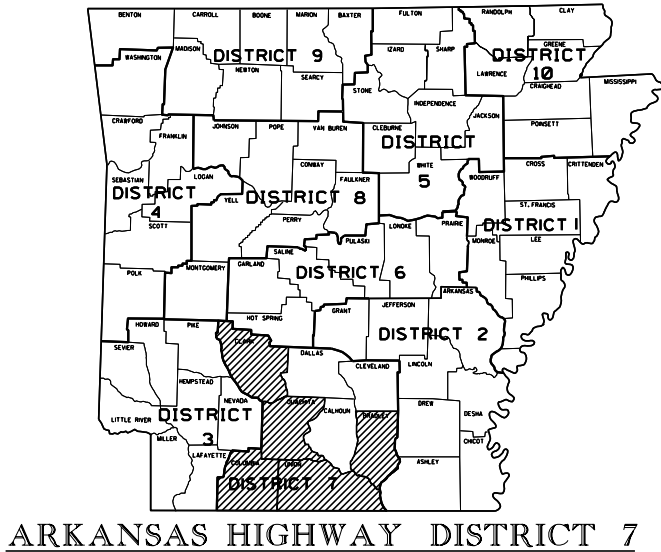
HWY. 26, SEC. 3
LOG MILE 13.273 BR. END
OVER MILL CREEK
105' - 0" BRIDGE NO. 05613
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)



DISTRICT 3
INSET - 2
NOT TO SCALE

T:\civil\kaymac\3/16/2022 11:51:55 AM
WORKSPACE: ARDOT\186516\012407\Bridge Preservation\Design\Civil - Bridges Only\Drawings\012407_05_001.dgn
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REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	27	64
SPECIAL DETAILS						



ARKANSAS HIGHWAY DISTRICT 7

LEGEND

- POLYMER OVERLAY

- 30

HWY. 278, SEC. 9
LOG MILE 0.142 BR. END
OVER HWY. 79 (O.P.)
295' - 6" BRIDGE NO. 05627
55' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 31

HWY. 51, SEC. 1
LOG MILE 29.064 BR. END
OVER I-30 (O.P.)
308' - 6 5/8" BRIDGE NO. 06962
58' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 32

I-30 (O.P.), SEC. 14
LOG MILE 70.740 BR. END
OVER I-30 (O.P.)
248' - 6 15/16" BRIDGE NO. 03690
24' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 33

HWY. 63, SEC. 16
LOG MILE 8.512 BR. END
OVER WARREN & SALINE RIVER R.R.
446' - 1" BRIDGE NO. 06633
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 34

HWY. 278, SEC. 13
LOG MILE 5.917 BR. END
OVER FLAT BRANCH
255' - 2 1/4" BRIDGE NO. 06815
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 35

HWY. 63, SEC. 17
LOG MILE 13.558 BR. END
OVER L' AIGLE CREEK RELIEF
280' - 0" BRIDGE NO. 05560
30' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 36

HWY. 63, SEC. 17
LOG MILE 13.219 BR. END
OVER L' AIGLE CREEK
315' - 0" BRIDGE NO. 05561
30' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 37

HWY. 63, SEC. 17
LOG MILE 14.522 BR. END
OVER BRANCH L'AIGLE CREEK
75' - 0" BRIDGE NO. 06530
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 38

HWY. 63, SEC. 17
LOG MILE 17.328 BR. END
OVER BEECH CREEK
180' - 0" BRIDGE NO. 06529
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 39

HWY. 63, SEC. 17
LOG MILE 22.364 BR. END
OVER CHARIVARI CREEK
120' - 0" BRIDGE NO. 06528
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 40

HWY. 63, SEC. 17
LOG MILE 22.716 BR. END
OVER CHARIVARI CREEK RELIEF
90' - 0" BRIDGE NO. 06527
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 41

HWY. 63, SEC. 18
LOG MILE 0.268 BR. END
OVER OUACHITA RIVER
2744' - 6 7/16" BRIDGE NO. 06303
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 42

HWY. 98, SEC. 1
LOG MILE 0.528 BR. END
OVER BEECH CREEK
142' - 2 1/4" BRIDGE NO. 06863
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 43

HWY. 15, SEC. 1
LOG MILE 2.364 BR. END
OVER BIG CORNIE CREEK
1120' - 0" BRIDGE NO. 06693
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 44

HWY. 15, SEC. 1
LOG MILE 2.715 BR. END
OVER BIG CORNIE RELIEF
245' - 0" BRIDGE NO. 06694
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 45

HWY. 15, SEC. 1
LOG MILE 5.989 BR. END
OVER THREE CREEKS RELIEF
175' - 0" BRIDGE NO. 06695
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 46

HWY. 15, SEC. 1
LOG MILE 22.364 BR. END
OVER THREE CREEK
105' - 0" BRIDGE NO. 06696
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 47

HWY. 15, SEC. 1
LOG MILE 22.716 BR. END
OVER THREE CREEK
245' - 0" BRIDGE NO. 06697
32' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 48

HWY. 15, SEC. 1
LOG MILE 20.923 BR. END
OVER HWY. 82 (O.P.)
233' - 2 1/4" BRIDGE NO. 05792
44' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 49

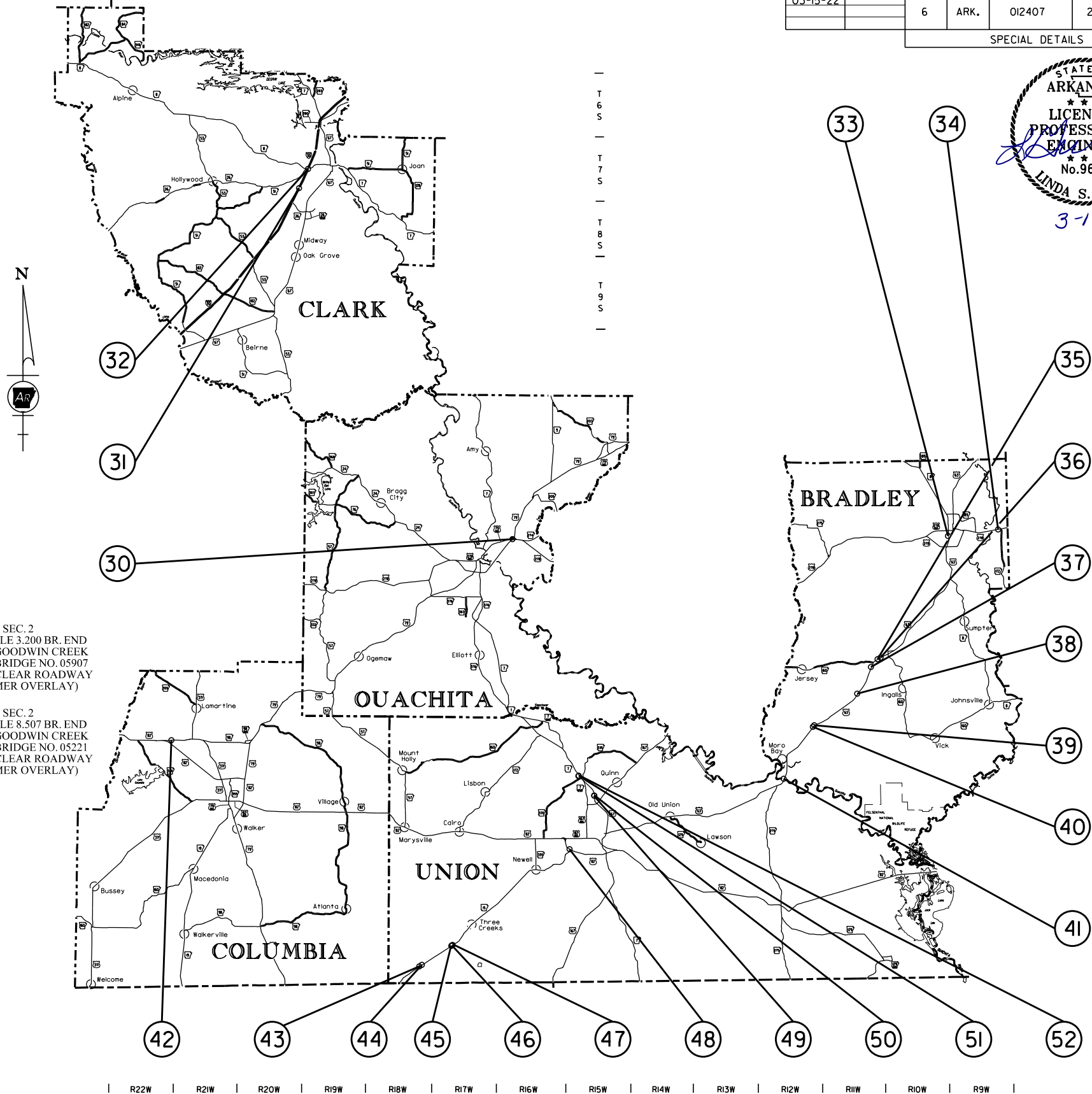
HWY. 7, SEC. 2
LOG MILE 0.825 BR. END
OVER MILL CREEK
140' - 0" BRIDGE NO. 05220
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 50

HWY. 7, SEC. 2
LOG MILE 0.825 BR. END
OVER MILL CREEK
140' - 0" BRIDGE NO. B7085
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

- 51

HWY. 7, SEC. 2
LOG MILE 3.200 BR. END
OVER GOODWIN CREEK
90' - 0" BRIDGE NO. 05907
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 52

HWY. 7, SEC. 2
LOG MILE 8.507 BR. END
OVER GOODWIN CREEK
84' - 0" BRIDGE NO. 05221
43' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)



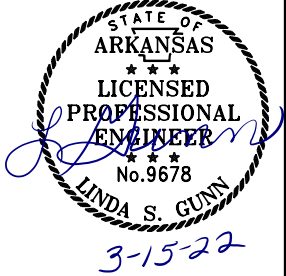
DISTRICT 7
INSET - 3
NOT TO SCALE

STATE OF
ARKANSAS

LICENSED
PROFESSIONAL
ENGINEER

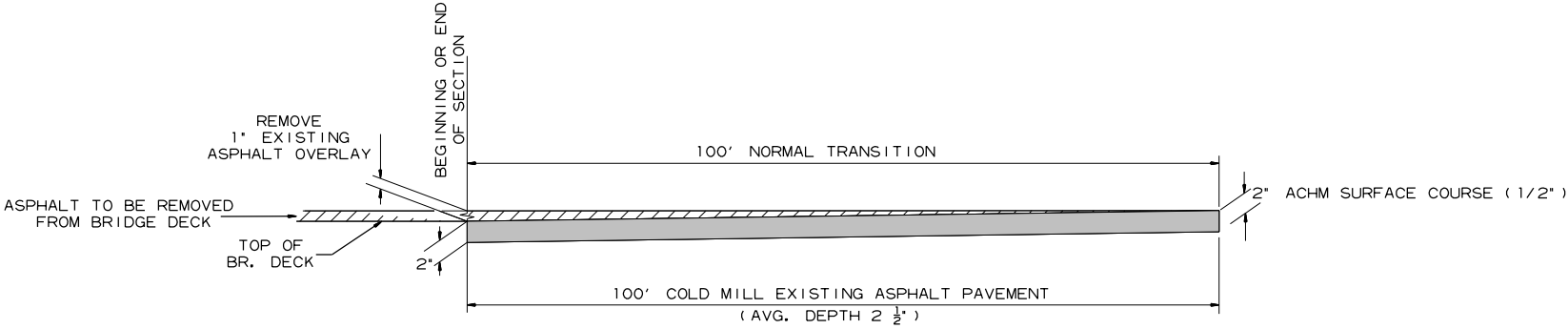
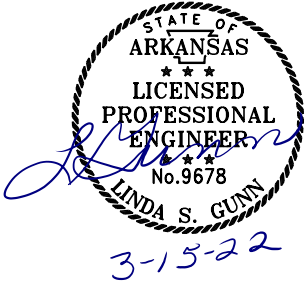
No. 9678
LINDA S. GUNN
3-15-22

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	28	64
SPECIAL DETAILS						

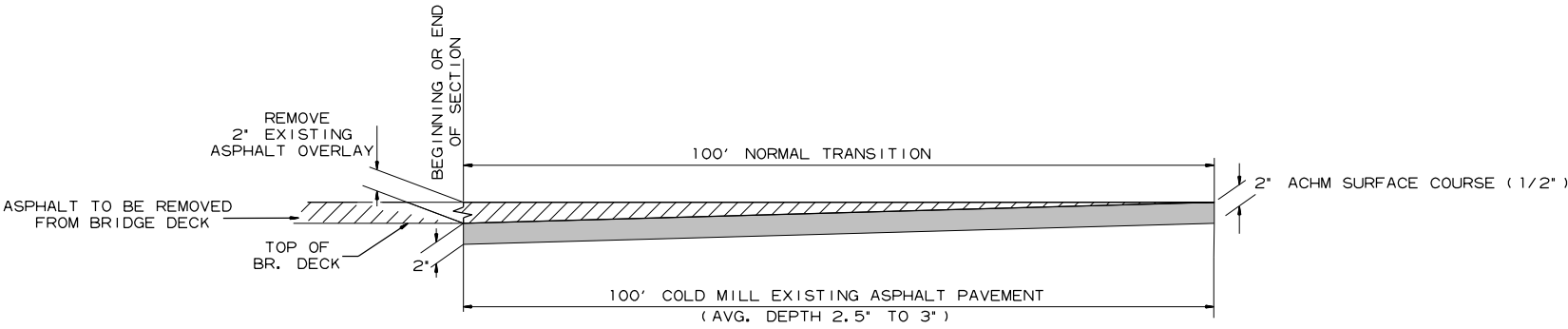


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03-15-22		6	ARK.	012407	29	64
SPECIAL DETAILS						



* REFER TO TYPICAL SECTIONS
FOR EXISTING ASPHALT DEPTH
ON BRIDGE DECKS.



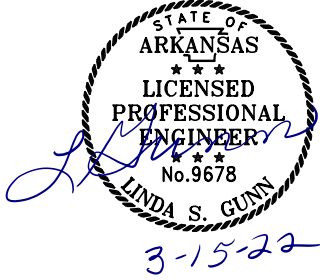
* REFER TO TYPICAL SECTIONS
FOR EXISTING ASPHALT DEPTH
ON BRIDGE DECKS.

DETAIL FOR TRANSITIONS

- NOTES:
1. ACHM SHALL BE PLACED FOR ROADWAY TRANSITIONS/REPAIR AFTER POLYMER OVERLAY HAS BEEN COMPLETED.
 2. 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.

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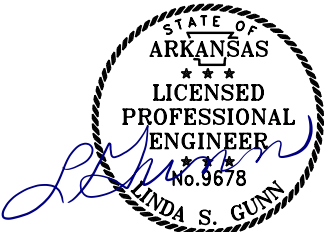
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03-15-22		6	ARK.	012407	30	64
SPECIAL DETAILS						



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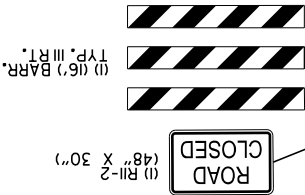
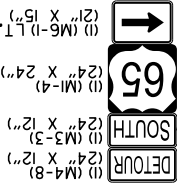
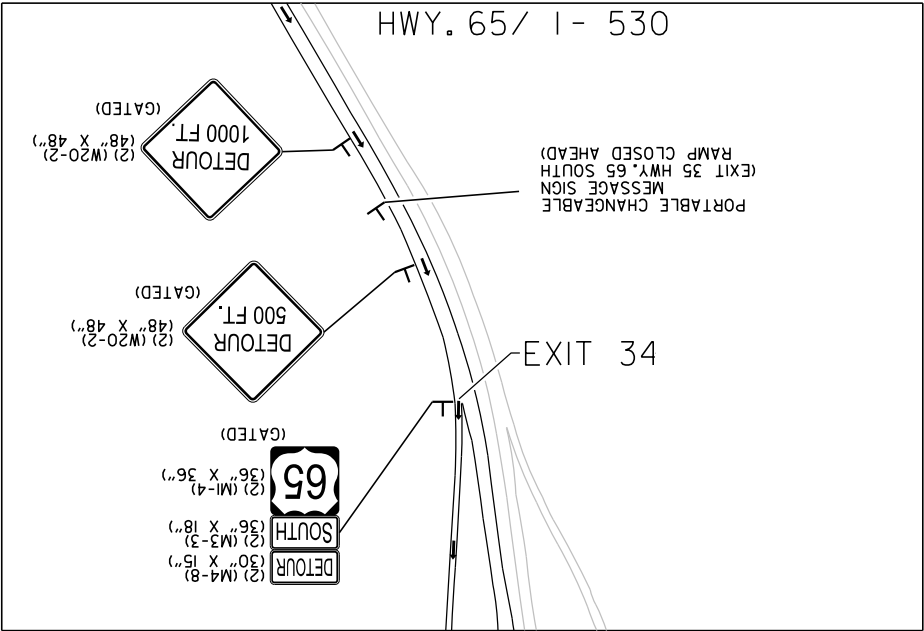
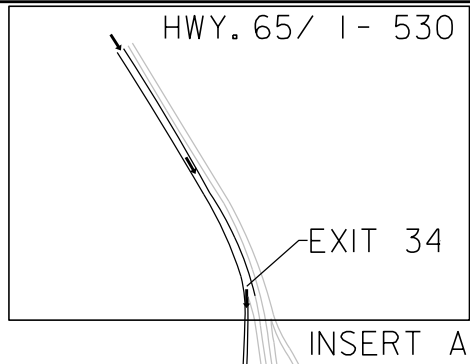
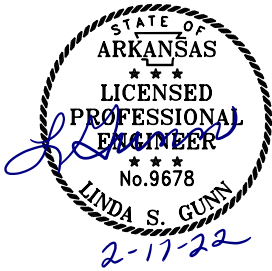
TEMPORARY EROSION CONTROL DETAILS



3-15-22

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012407	32	64
MAINTENANCE OF TRAFFIC DETAILS						



BRIDGE NO. 06255
CONSTRUCTION AREA

BRIDGE ② - NO. 06255
JEFFERSON COUNTY
DIST. 2 - ROUTE 65, SEC. 14B
LOG MILE 0.289
(INTERCHANGE RAMP CLOSURE: SITE 1)

LEGEND

- TEMPORARY TRAFFIC SIGN
- TRAFFIC FLOW ARROWS

NOTE:
REFER TO "MAINTENANCE OF TRAFFIC" SPECIAL
PROVISION FOR CLOSURE DETAILS.

DETOUR FOR RAMP
CLOSURE: BR. ② - NO. 06255
MAINTENANCE
OF TRAFFIC DETAILS

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012407	34	64

MAINTENANCE OF TRAFFIC DETAILS



BRIDGE 30 - NO. 05627
OUACHITA COUNTY
DIST. 7 - ROUTE 278, SEC. 9
LOG MILE 0.142
(INTERCHANGE RAMP CLOSURE: SITE 3)

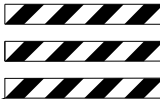
LEGEND

- TEMPORARY TRAFFIC SIGN
- TRAFFIC FLOW ARROWS

NOTE: THE RAMP CLOSURE WILL BE IF AND WHERE DIRECTED BY THE ENGINEER. THE RAMP CLOSURE IS SHOWN, BECAUSE OF THE CLOSE PROXIMITY OF THE RAMP ENTRANCE TO THE END OF THE BRIDGE.

ROAD
CLOSED

(I) R11-2
(48" X 30")



(I) (16') BARR.
TYP. III RT.

(I) (M4-8a)
(24" X 18")

END
DETOUR



(I) (M4-8)
(24" X 12")
(I) (M3-4)
(24" X 12")
(I) (M1-4)
(30" X 24")
(I) (M6-1) RT.
(21" X 15")

HWY. 79 S.



(I) (M4-8)
(24" X 12")
(I) (M3-4)
(24" X 12")
(I) (M1-4)
(30" X 24")
(I) (M6-3)
(21" X 15")



(I) (W20-2)
(36" X 36")



(I) (W20-2)
(36" X 36")

BRIDGE NO. 05627
CONSTRUCTION AREA

HWY. 278 W./ HWY. 79 S.

HWY. 274

HWY. 274

NOTE:
REFER TO "MAINTENANCE OF TRAFFIC" SPECIAL
PROVISION FOR CLOSURE DETAILS.

DETOUR FOR RAMP
CLOSURE: BR. 30 - NO. 05627
MAINTENANCE OF TRAFFIC

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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.

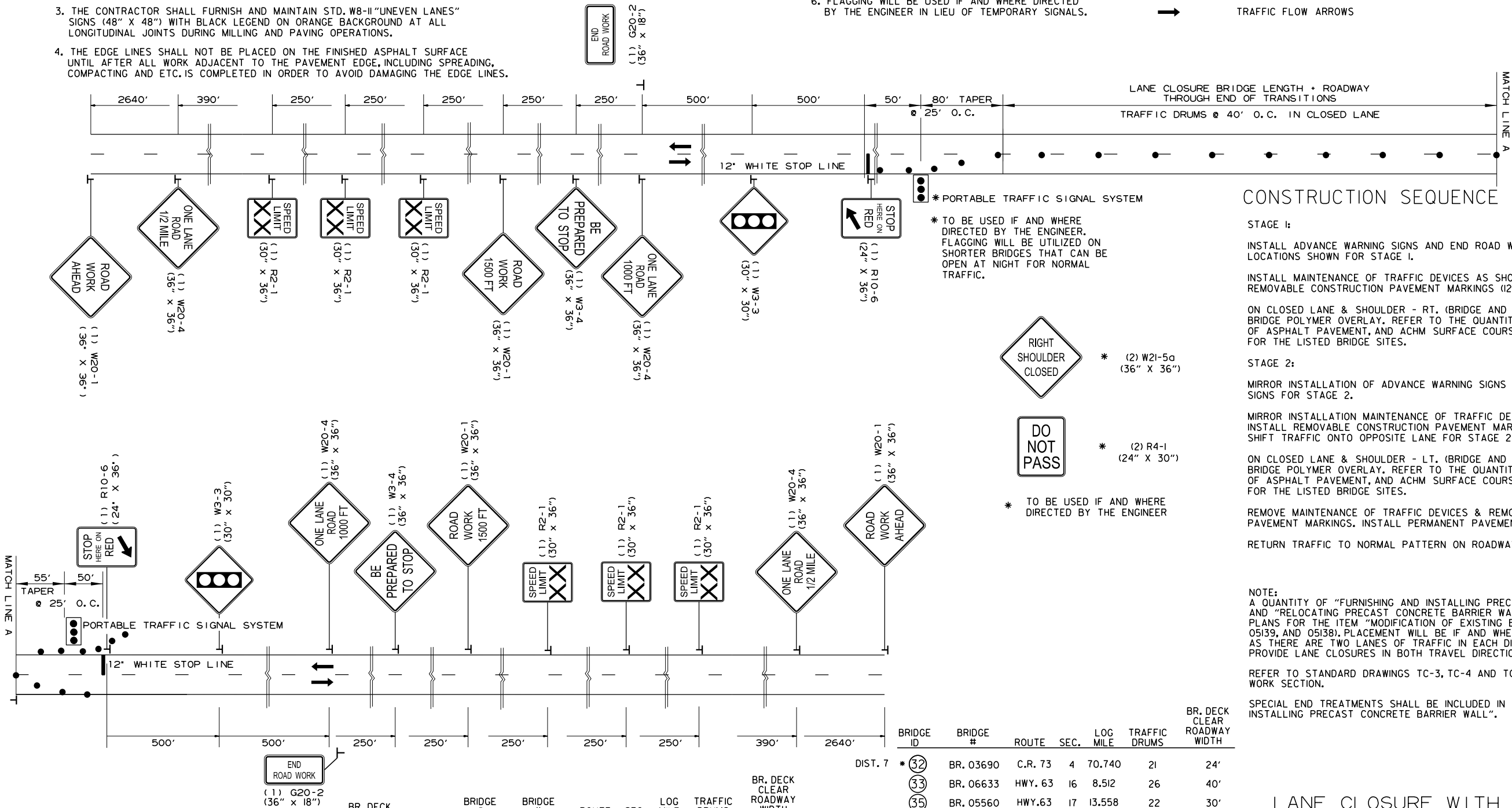
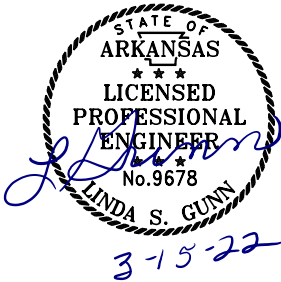
MAINTENANCE OF TRAFFIC NOTES (CONT.):

5. VERTICAL PANELS MAY BE SUBSTITUTED FOR TRAFFIC DRUMS ON BRIDGE DECKS IF AND WHERE DIRECTED BY THE ENGINEER WHEN ACTIVE WORK IS ONGOING.
6. FLAGGING WILL BE USED IF AND WHERE DIRECTED BY THE ENGINEER IN LIEU OF TEMPORARY SIGNALS.

LEGEND

- TRAFFIC DRUM
- ⊥ TEMPORARY TRAFFIC SIGN
- ➔ TRAFFIC FLOW ARROWS

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	35	64
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 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 FOR 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 FOR 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.

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 NO. 05140, 05139, AND 05138). PLACEMENT WILL BE IF AND WHERE DIRECTED BY THE ENGINEER AS LONG AS THERE ARE TWO LANES OF TRAFFIC IN EACH DIRECTION OPEN. THE QUANTITY WILL PROVIDE LANE CLOSURES IN BOTH TRAVEL DIRECTIONS.

REFER TO STANDARD DRAWINGS TC-3, TC-4 AND TC-5, AND ALLOW 100' FOR THE TANGENT WORK SECTION.

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
* (32)	BR. 03690	C.R. 73	4	70.740	21	24'
(33)	BR. 06633	HWY. 63	16	8.512	26	40'
(35)	BR. 05560	HWY. 63	17	13.558	22	30'
(36)	BR. 05561	HWY. 63	17	13.219	23	30'
(37)	BR. 06530	HWY. 63	17	14.522	17	36'
(38)	BR. 06529	HWY. 63	17	17.328	20	36'
(39)	BR. 06528	HWY. 63	17	22.364	18	36'
(40)	BR. 06527	HWY. 63	17	22.716	17	36'
(41)	BR. 06303	HWY. 63	18	0.268	84	36'
(42)	BR. 06863	HWY. 98	1	0.528	19	40'
(43)	BR. 06693	HWY. 15	1	2.364	43	32'
(44)	BR. 06694	HWY. 15	1	2.715	21	32'
(45)	BR. 06695	HWY. 15	1	5.989	19	32'
(46)	BR. 06696	HWY. 15	1	6.058	18	32'
(47)	BR. 06697	HWY. 15	1	6.122	21	32'
(48)	BR. 05792	HWY. 15	1	20.923	21	44'

ROAD WORK (1) G20-2 (36" x 18")							BR. DECK CLEAR ROADWAY WIDTH	DIST. 3	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS	BR. DECK CLEAR ROADWAY WIDTH
BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS										
DIST. 2	(1)	* BR. 05470	HWY. 190	4	5.530	20	26'	(18)	BR. 05685	HWY. 41	1	0.342	21	44'	
	(6)	BR. 06582	HWY. 63	13	8.397	35	40'	(19)	BR. 06620	HWY. 71	7	6.065	34	40'	
	(7)	BR. 06567	HWY. 63	13	0.642	21	40'	(20)	BR. 06459	HWY. 41	3	10.515	26	40'	
	(8)	BR. 06566	HWY. 63	13	3.424	25	40'	(21)	BR. 03408	HWY. 41	3	9.259	17	40'	
	(9)	* BR. 02891	HWY. 165	5	28.572	19	26'	(22)	BR. 05718	HWY. 41	3	8.545	18	40'	
	(10)	* BR. 05436	HWY. 138	3	20.931	24	26'	(23)	BR. 05719	HWY. 41	3	8.359	17	40'	
	(11)	* BR. 05437	HWY. 138	3	22.414	17	26'	(24)	BR. 05720	HWY. 41	3	5.089	15	40'	
	(12)	BR. 05121	HWY. 165	4	10.253	87	30'	(25)	BR. 05721	HWY. 41	3	4.535	20	40'	
	(13)	* BR. 05140	HWY. 35	10	3.280	21	28'	(26)	BR. 05722	HWY. 41	3	4.301	19	40'	
	(14)	* BR. 05139	HWY. 35	10	4.041	20	28'	(27)	BR. 07215	HWY. 371	3	2.894	20	40'	
	(15)	* BR. 05138	HWY. 35	10	5.685	20	28'	(28)	BR. 07214	HWY. 371	3	2.626	20	40'	
								(29)	BR. 05613	HWY. 26	3	13.273	18	32'	

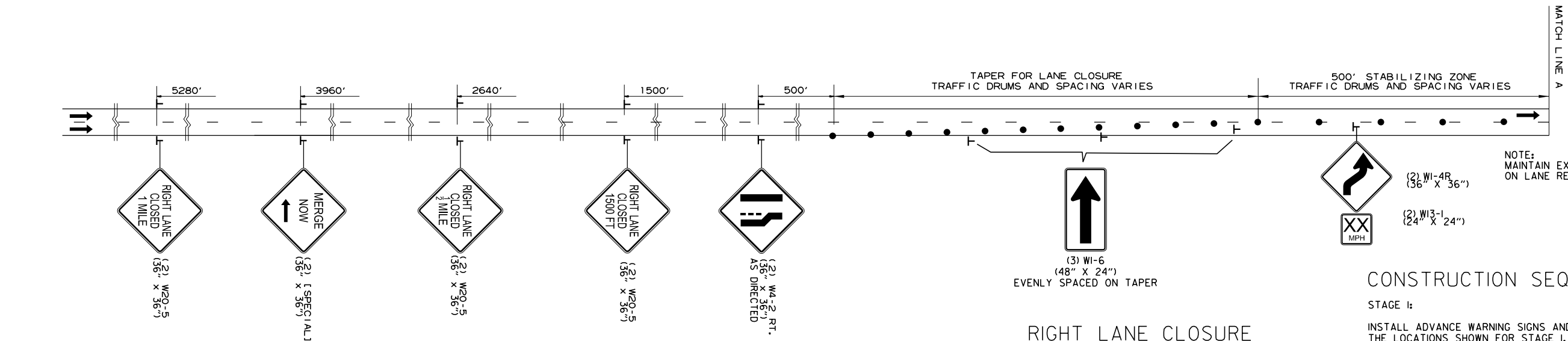
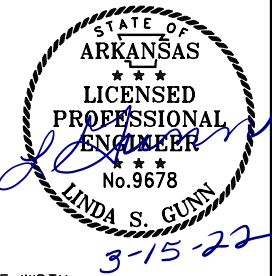
LANE CLOSURE WITH PORTABLE TRAFFIC SIGNAL SYSTEM OR FLAGGING WITH TRAFFIC DRUMS FOR POLYMER OVERLAY (VAR. CLEAR ROADWAY ON THE BRIDGE DECKS)

* 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

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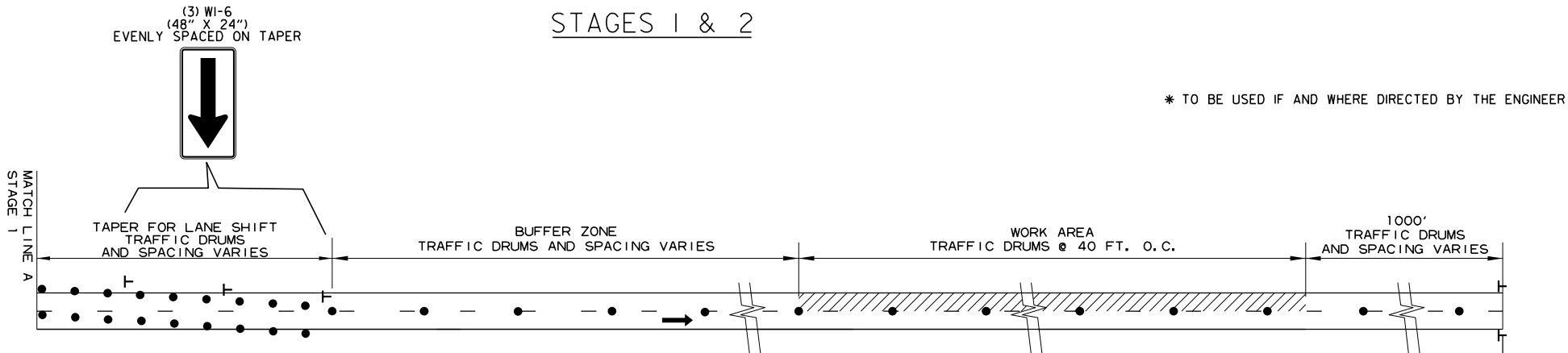
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	36	64
MAINTENANCE OF TRAFFIC DETAILS						



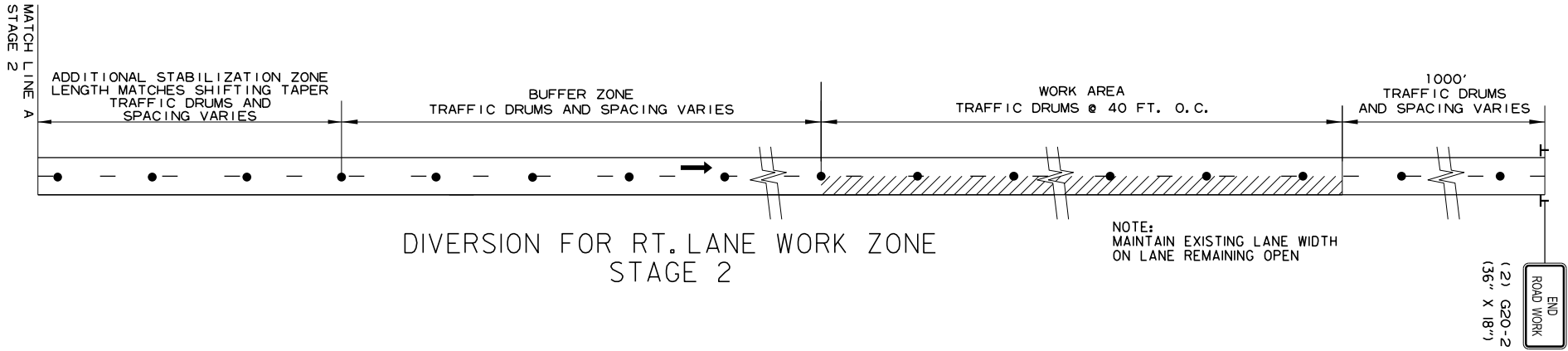
CONSTRUCTION SEQUENCE

- 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



DIVERSION FOR LT. LANE WORK ZONE STAGE 1



DIVERSION FOR RT. LANE WORK ZONE STAGE 2

	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS	TAPER LENGTH AND DRUM SPACING	BUFFER LENGTH AND TANGENT DRUM SPACING
DIST. 2	(4)	BR. 05423	HWY. 65	14B	6.445	108	240' @ 35' O.C.	500' @ 70' O.C.
	(16)	BR. 02069	HWY. 65	20	3.321	60	660' @ 55' O.C.	500' @ 100' O.C.
	(17)	BR. 02070	HWY. 65	20	7.618	62	660' @ 55' O.C.	500' @ 100' O.C.
	(49)	BR. 05220	HWY.7	2	0.825	59	125' @ 25' O.C.	500' @ 50' O.C.
	(50)	BR. B7085	HWY.7	2	0.825	59	125' @ 25' O.C.	500' @ 50' O.C.
	(51)	BR. 05907	HWY.7	2	3.200	58	125' @ 25' O.C.	500' @ 50' O.C.
	(52)	BR. 05221	HWY.7	2	8.507	57	125' @ 25' O.C.	500' @ 50' O.C.

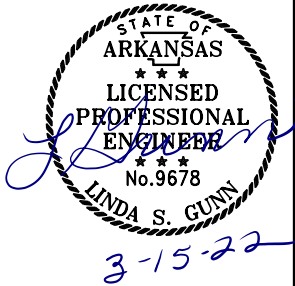
NOTE:
TRAFFIC DRUMS ARE PROVIDED TO WORK
A LANE IN EACH TRAVEL DIRECTION IF AND
WHERE APPROVED BY THE ENGINEER.

LEGEND	
●	TRAFFIC DRUM
⊥	TEMPORARY TRAFFIC SIGN
→	TRAFFIC FLOW ARROWS

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

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

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	37	64
MAINTENANCE OF TRAFFIC DETAILS						



LEGEND

●

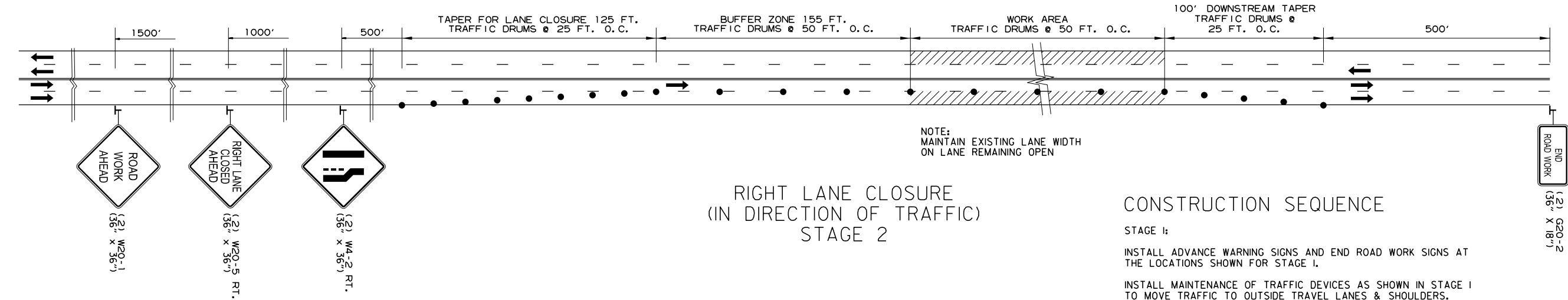
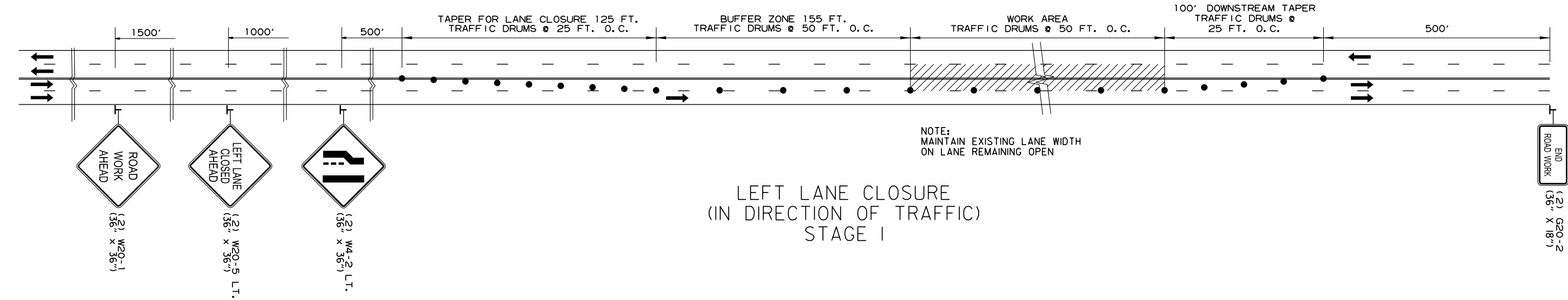
TRAFFIC DRUM

⊥

TEMPORARY TRAFFIC SIGN

→

TRAFFIC FLOW ARROWS



DIST. 3	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE	TRAFFIC DRUMS	TAPER LENGTH	TAPER DRUM SPACING	BUFFER LENGTH	TANGENT DRUM SPACING
	③	BR. 06225	HWY. 63	3	2.460	36	125'	⊙ 25' O.C.	155'	⊙ 50' O.C.

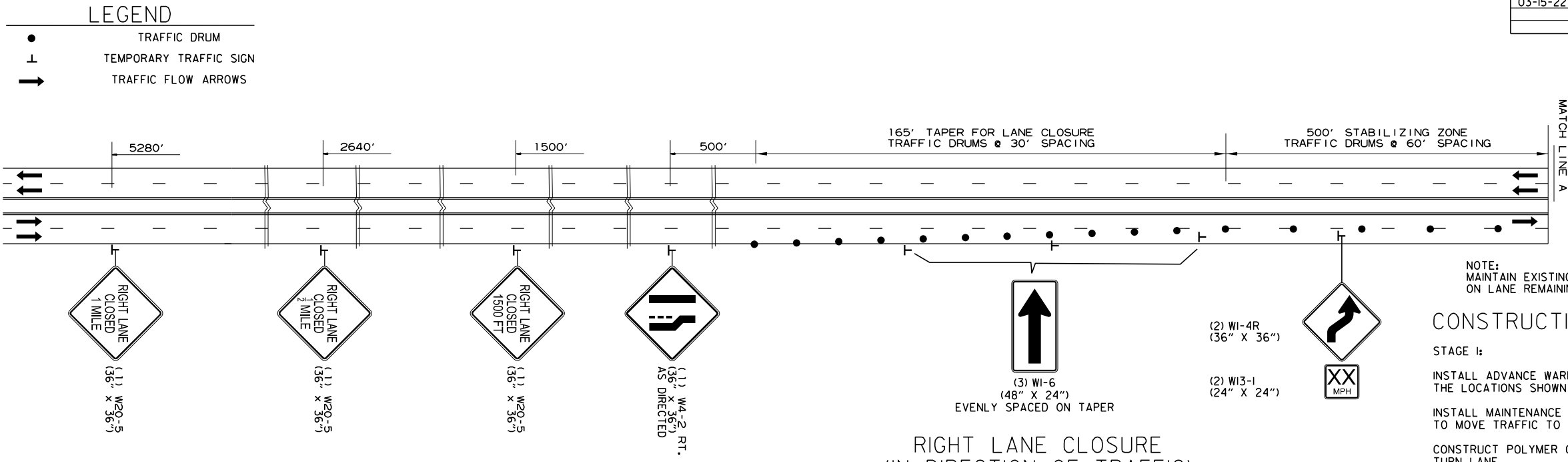
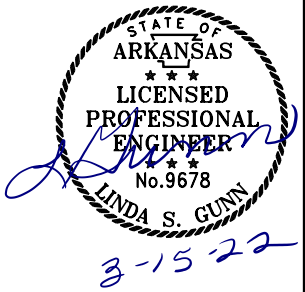
CONSTRUCTION SEQUENCE

- 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 MAINTANCE 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.

LANE CLOSURE WITH TRAFFIC DRUMS
FOR POLYMER OVERLAY BRIDGES
4 LANE HIGHWAY
64' CLEAR ROADWAY ON THE BRIDGE DECK

ADVANCE WARNING
(4 LANE HIGHWAY)
MAINTENANCE
OF TRAFFIC DETAILS

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	38	64
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 LANES & SHOULDERS.
 - CONSTRUCT POLYMER OVERLAY ON BRIDGE INSIDE TRAVEL LANES & TURN LANE.
- 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 MAINTANCE OF TRAFFIC DEVICES AND REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. SHIFT TRAFFIC TO INSIDE LANES.
 - CONSTRUCT POLYMER OVERLAY ON BRIDGE OUTSIDE TRAVEL LANES.
 - RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY. INSTALL PERMANENT PAVEMENT MARKINGS UNDER TRAFFIC.

- (2) W1-4R (36" X 36")
- (2) W13-1 (24" X 24")
- (2) R2-1* (30" X 36")
- (2) R4-1* (24" X 30")
- * TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER

ADDITIONAL ADVANCE WARNING SIGNS WILL BE PLACED AT ENTRANCE AND EXIT RAMP FOR I-30 IF AND WHERE DIRECTED BY THE ENGINEER AT BRIDGE NO. 31- 06962. SEE BELOW FOR ADVANCE WARNING SIGNS NEEDED.

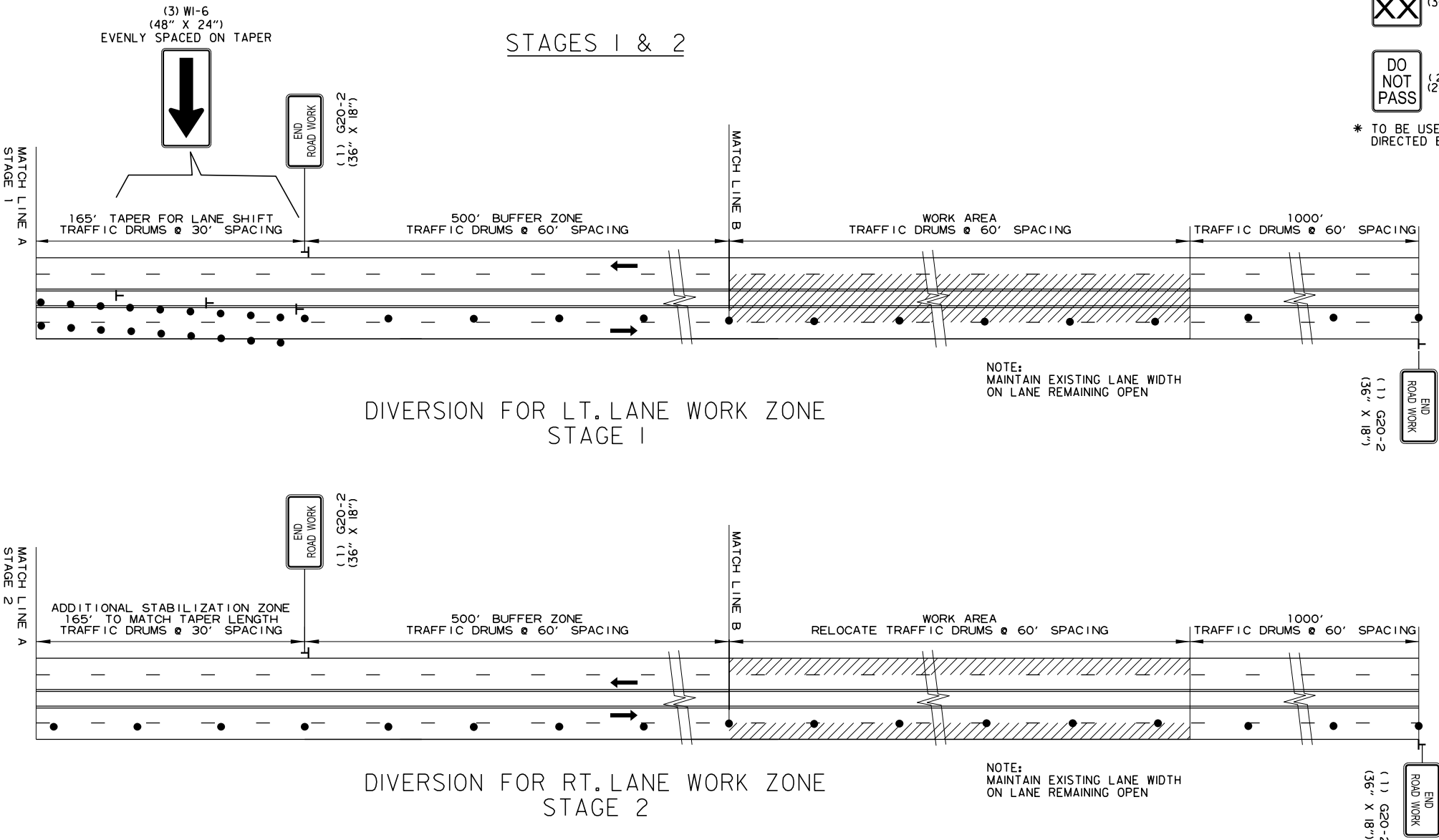


	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE	TRAFFIC DRUMS
DIST. 7	(31)	BR. 06962	HWY. 51	I	29.064	56
	(34)	BR. 06815	HWY. 278	13	5.917	55

LANE CLOSURE WITH TRAFFIC DRUMS
FOR POLYMER OVERLAY BRIDGE
5 LANE BRIDGE
58' & 75' CLEAR ROADWAY ON THE BRIDGE DECK

ADVANCE WARNING (5 LANE)
MAINTENANCE OF TRAFFIC DETAILS

STAGES 1 & 2

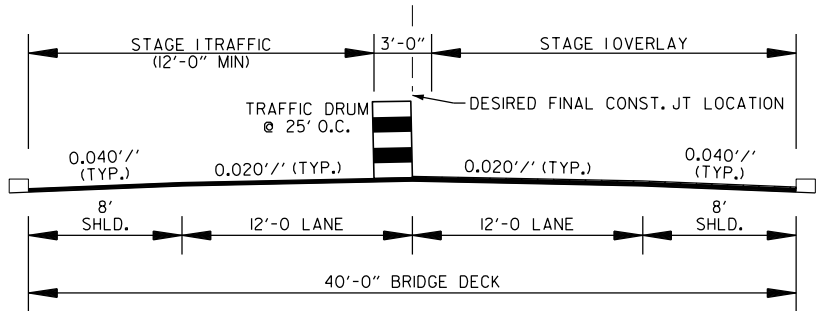
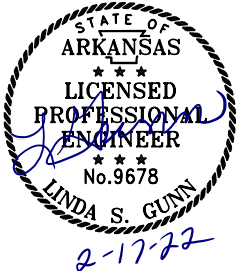


DIVERSION FOR LT. LANE WORK ZONE
STAGE 1

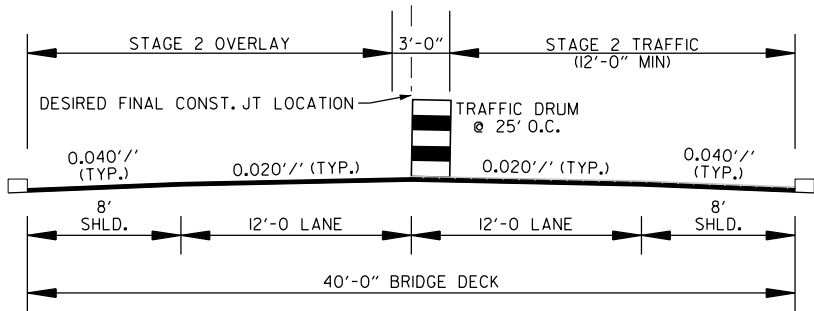
DIVERSION FOR RT. LANE WORK ZONE
STAGE 2

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012407	39	64

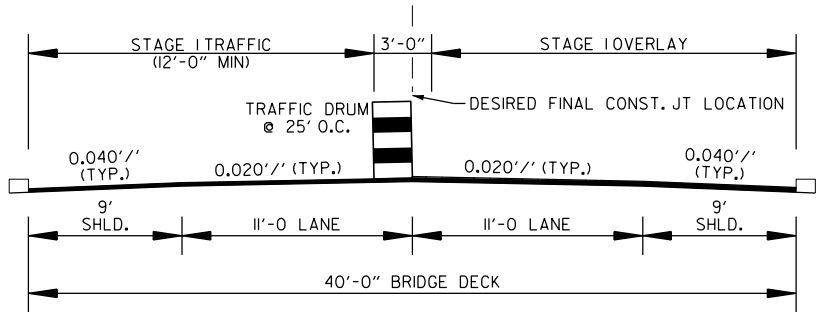
MAINTENANCE OF TRAFFIC DETAILS



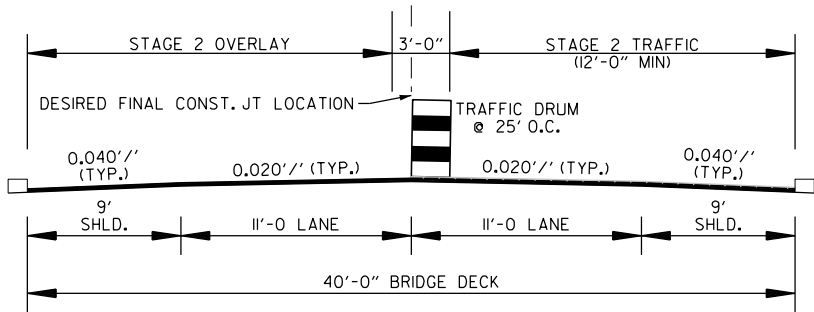
2 LANE BRIDGE



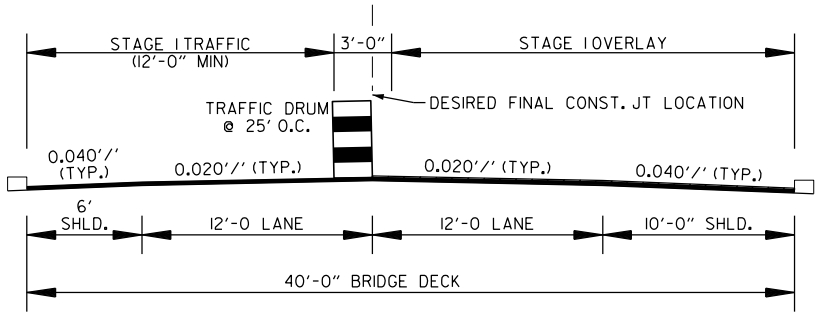
2 LANE BRIDGE



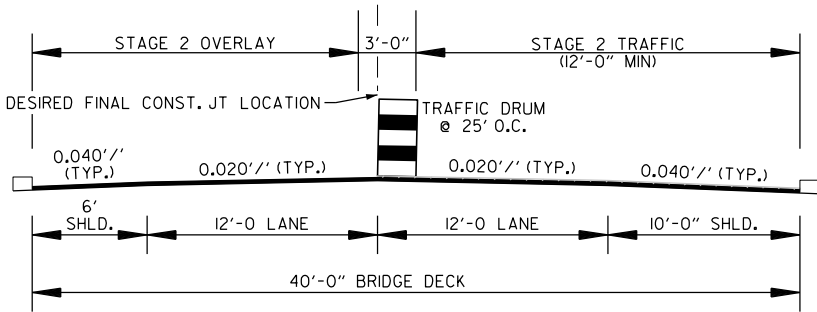
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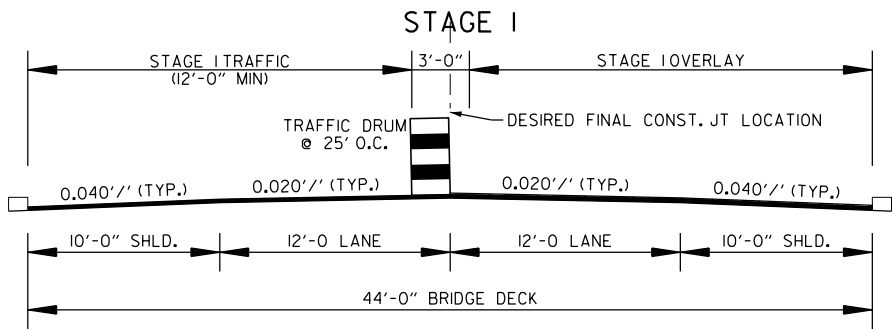
2 LANE BRIDGE



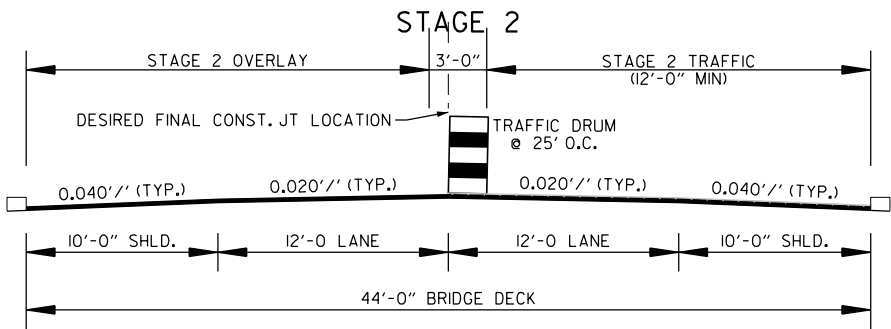
2 LANE BRIDGE



2 LANE BRIDGE



2 LANE BRIDGE



2 LANE BRIDGE

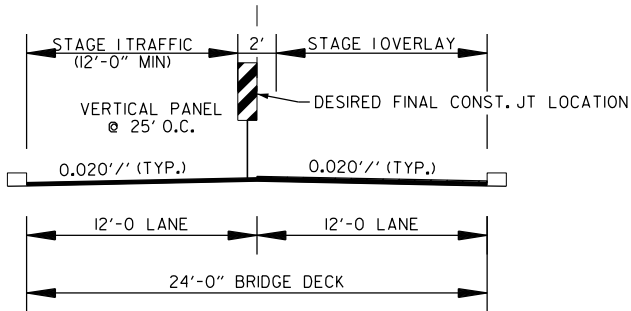
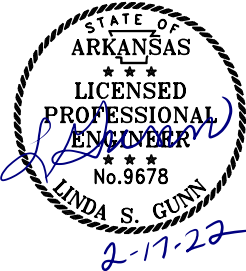
STAGE 1

STAGE 2

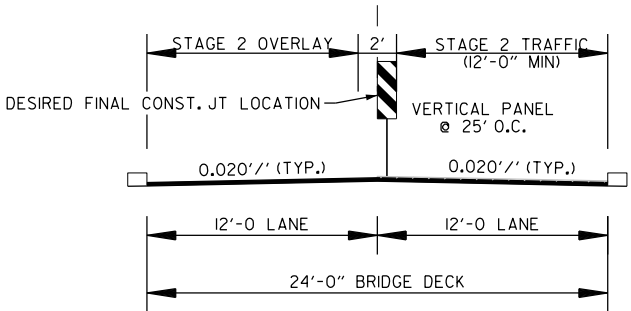
TYPICAL SECTIONS
(2 LANE ROADWAYS)
MAINTENANCE
OF TRAFFIC DETAILS

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012407	40	64

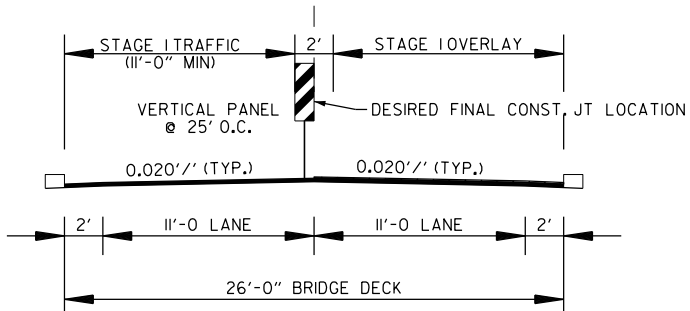
MAINTENANCE OF TRAFFIC DETAILS



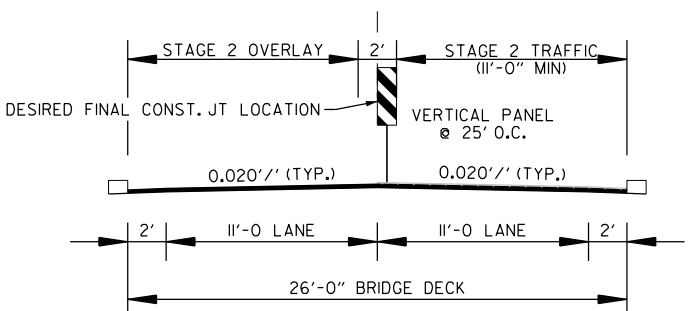
2 LANE BRIDGE



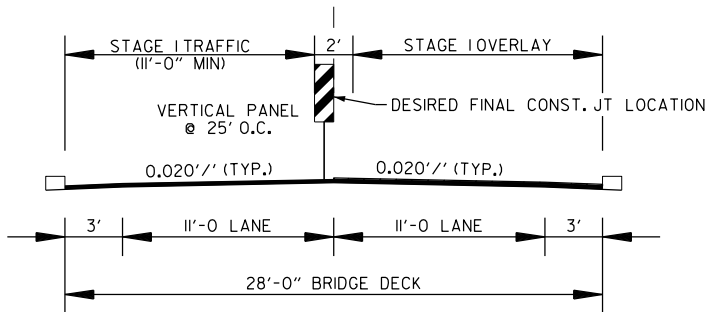
2 LANE BRIDGE



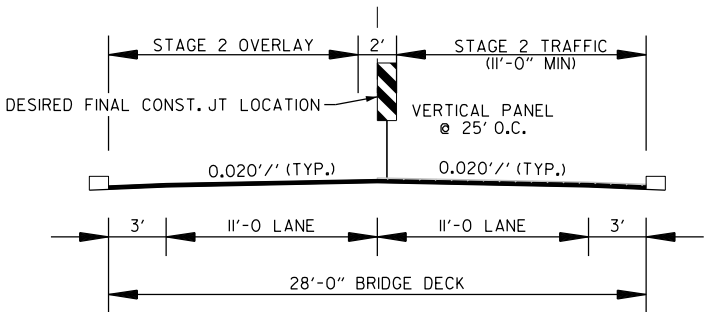
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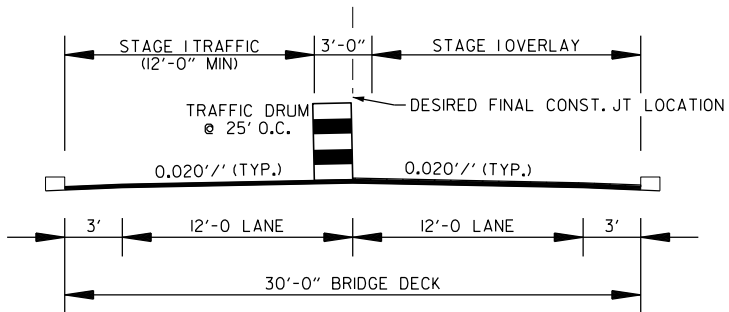
2 LANE BRIDGE



2 LANE BRIDGE

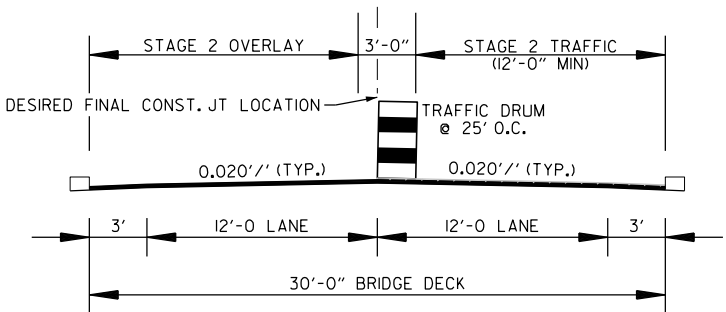


2 LANE BRIDGE



2 LANE BRIDGE

STAGE 1



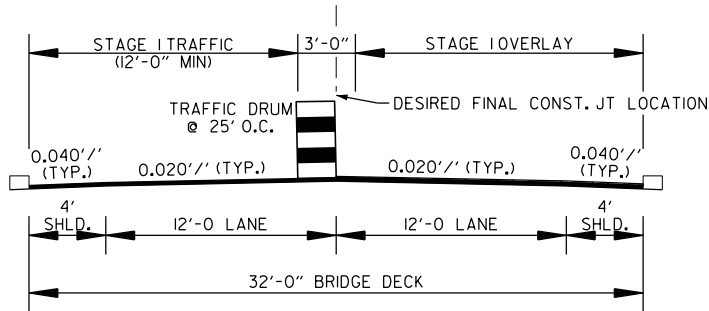
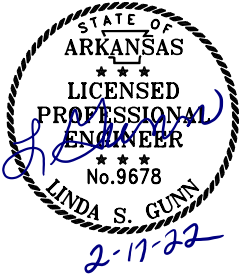
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STAGE 2

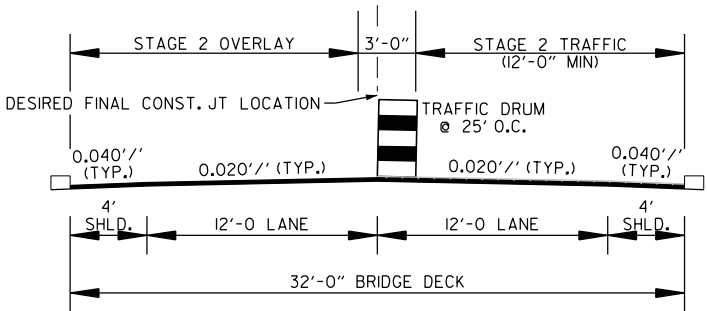
TYPICAL SECTIONS
(2 LANE ROADWAYS)
MAINTENANCE
OF TRAFFIC DETAILS

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012407	41	64

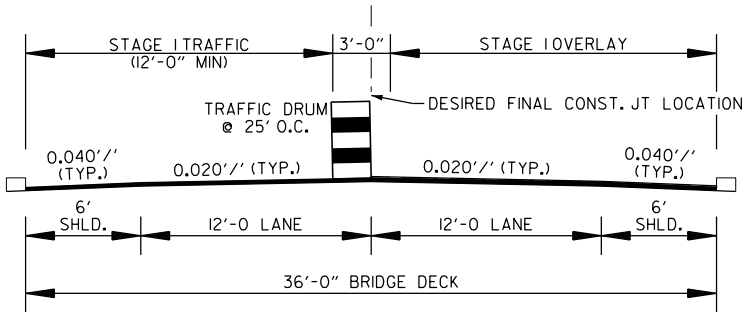
MAINTENANCE OF TRAFFIC DETAILS



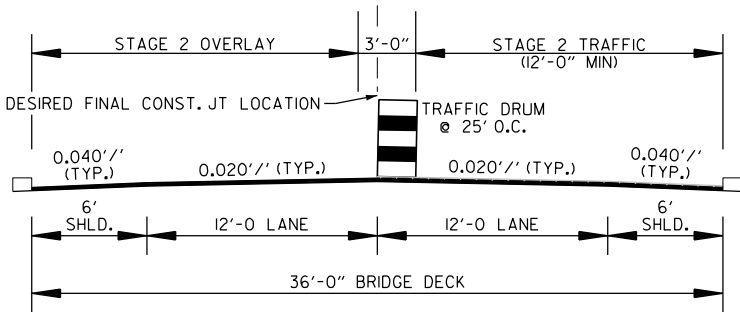
2 LANE BRIDGE



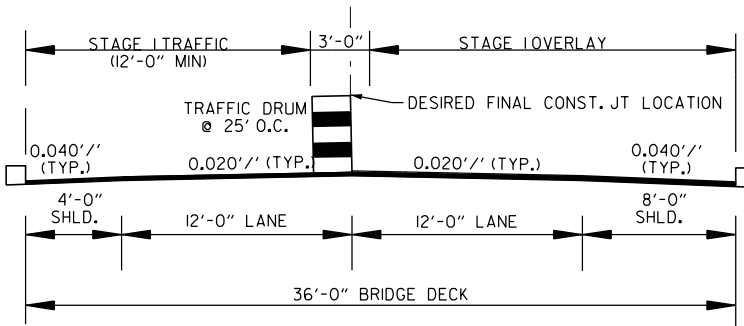
2 LANE BRIDGE



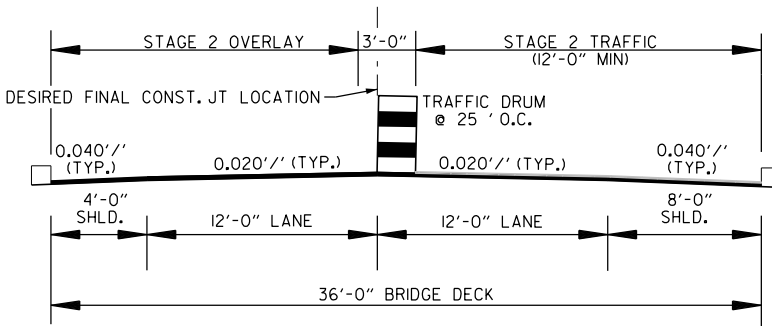
2 LANE BRIDGE



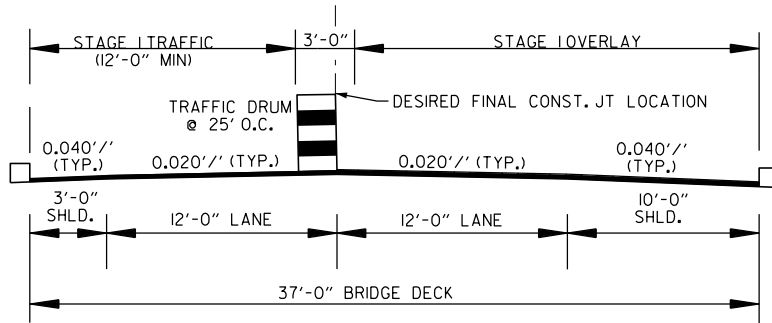
2 LANE BRIDGE



2 LANE BRIDGE

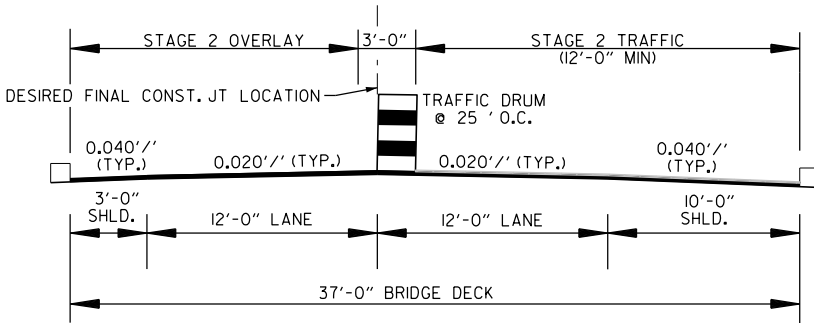


2 LANE BRIDGE



2 LANE BRIDGE

STAGE 1



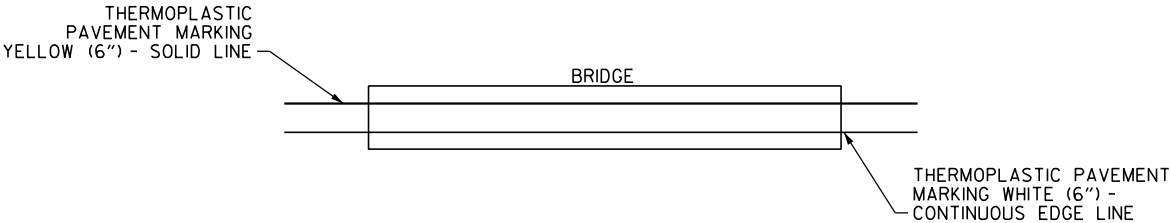
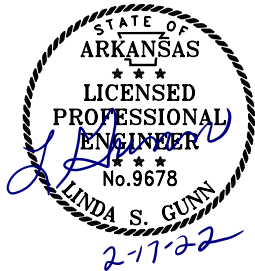
2 LANE BRIDGE

STAGE 2

TYPICAL SECTIONS
(2 LANE ROADWAYS)
MAINTENANCE
OF TRAFFIC DETAILS

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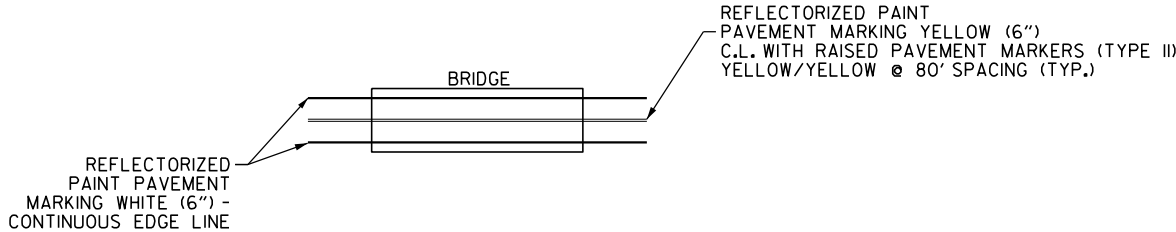
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		6	ARK.	012407	42	64
PERMANENT PAVEMENT MARKINGS DETAILS						



PERMANENT PAVEMENT MARKING DETAILS
ONE LANE RAMPS W/ BRIDGE

- NOTES:
- BRIDGE AND ROADWAY DIMENSIONS VARY FOR EACH SITE. REFER TO TYPICAL SECTIONS.
 - 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.
 - 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. 2	②	BR. 06255	HWY. 65	I4B	0.289
	⑤	BR. 06275	HWY. 63	I3	11.300



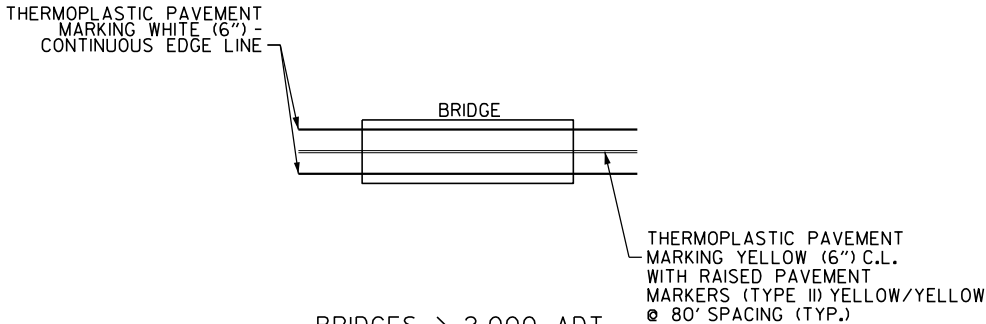
BRIDGES < 2,000 ADT

BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE
①	BR. 05470	HWY. 190	4	5.530	③7	BR. 06530	HWY. 63	17	14.522
⑩	BR. 05436	HWY. 138	3	20.931	③8	BR. 06529	HWY. 63	17	17.328
⑪	BR. 05437	HWY. 138	3	22.414	③9	BR. 06528	HWY. 63	17	22.364
⑫	BR. 05121	HWY. 165	4	10.253	④0	BR. 06527	HWY. 63	17	22.716
⑬	BR. 05140	HWY. 35	10	3.280	④1	BR. 06303	HWY. 63	17	0.268
⑭	BR. 05139	HWY. 35	10	4.041	④2	BR. 06863	HWY. 98	1	0.528
⑮	BR. 05138	HWY. 35	10	5.685	④3	BR. 06693	HWY. 15	1	2.364
⑲	BR. 05613	HWY. 26	3	13.273	④4	BR. 06694	HWY. 15	1	2.715
⑳	BR. 03690	C.R. 73	14	70.740	④5	BR. 06695	HWY. 15	1	5.989
					④6	BR. 06696	HWY. 15	1	6.058
					④7	BR. 06697	HWY. 15	1	6.122

PERMANENT PAVEMENT MARKING DETAILS
TWO LANE ROADWAYS W/ BRIDGE

- NOTES:
- BRIDGE AND ROADWAY DIMENSIONS VARY FOR EACH SITE. REFER TO TYPICAL SECTIONS.
 - 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 EACH BRIDGE SITE.
 - 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 PLACEMENT OF THE FINAL STRIPING. CONTACT THE ARDOT MAINTENANCE DIVISION AFTER THE FINAL LIFT OF SURFACE COURSE HAS BEEN PLACED TO SCHEDULE THE ZONING OF THE PROJECT.

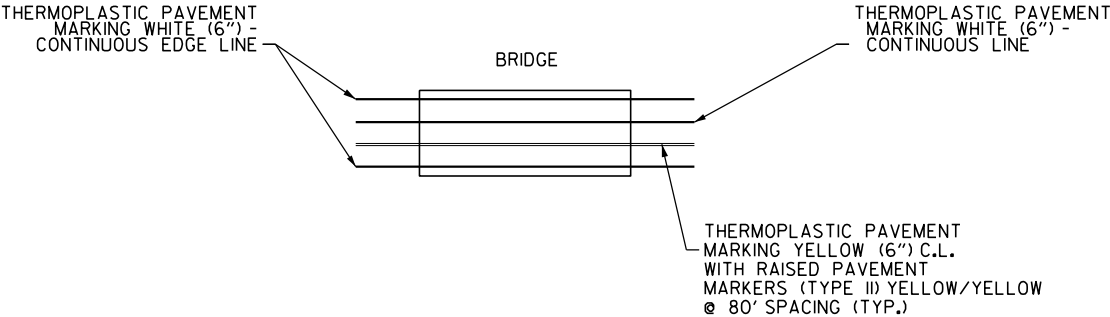
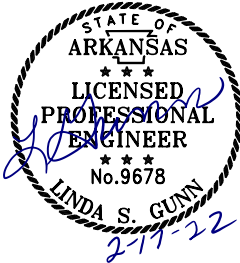


BRIDGES > 2,000 ADT

BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE
⑥	BR. 06582	HWY. 63	13	8.397	③3	BR. 06633	HWY. 63	16	8.512
⑦	BR. 06567	HWY. 63	13	0.642	③5	BR. 05560	HWY. 63	17	13.558
⑧	BR. 06566	HWY. 63	13	3.424	③6	BR. 05561	HWY. 63	17	13.219
⑨	BR. 02891	HWY. 165	5	28.572	④8	BR. 05792	HWY. 15	1	20.923
⑱	BR. 05685	HWY. 41	1	0.342					
⑲	BR. 06620	HWY. 71	7	6.065					
⑳	BR. 06459	HWY. 41	3	10.515					
㉑	BR. 03408	HWY. 41	3	9.259					
㉒	BR. 05718	HWY. 41	3	8.545					
㉓	BR. 05719	HWY. 41	3	8.359					
㉔	BR. 05720	HWY. 41	3	5.089					
㉕	BR. 05721	HWY. 41	3	4.535					
㉖	BR. 05722	HWY. 41	3	4.301					
㉗	BR. 07215	HWY. 371	3	2.894					
㉘	BR. 07214	HWY. 371	3	2.626					

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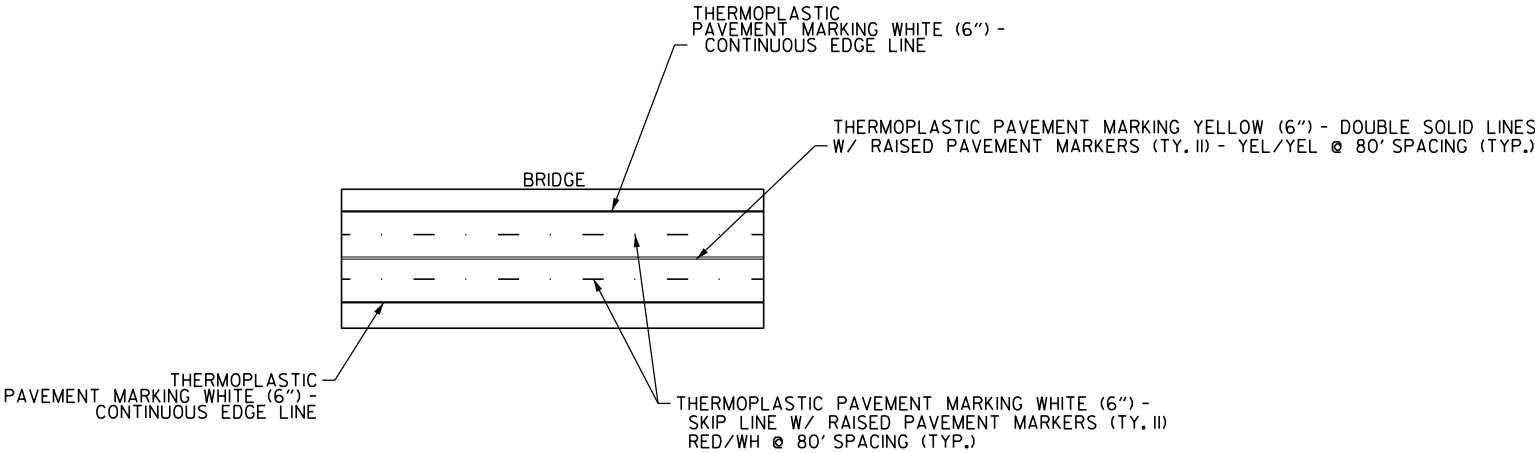
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		6	ARK.	012407	43	64
PERMANENT PAVEMENT MARKINGS DETAILS						



BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE
30	BR. 05627	HWY. 278	9	0.142

PERMANENT PAVEMENT MARKING DETAILS
THREE LANE ROADWAY 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.



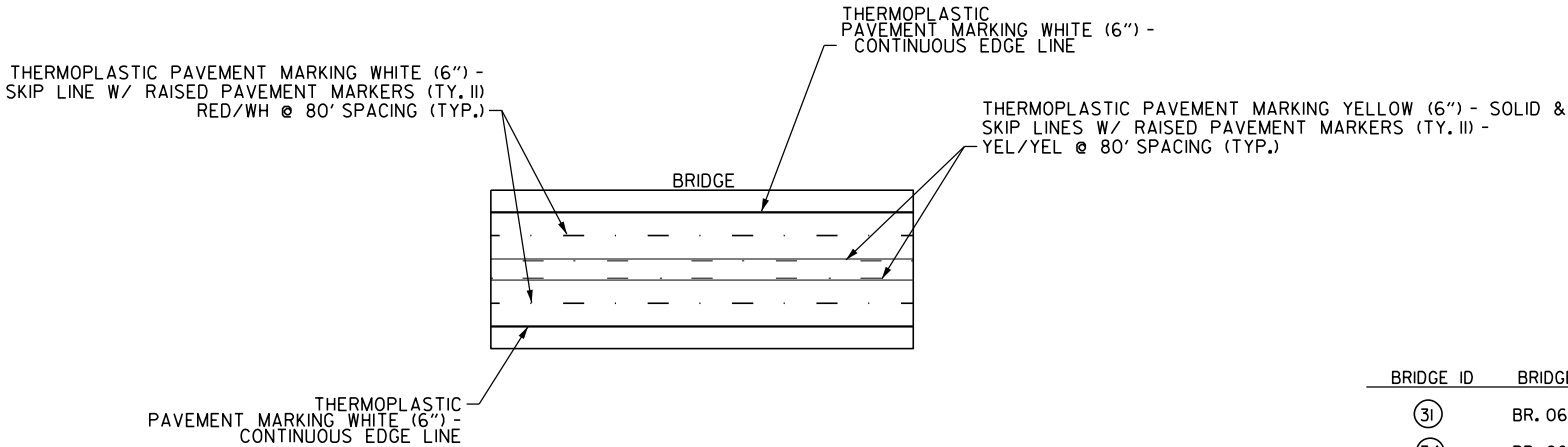
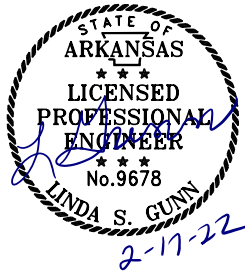
BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE
3	BR. 06225	HWY. 63	3	2.460

PERMANENT PAVEMENT MARKING DETAILS
FOUR LANE 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.

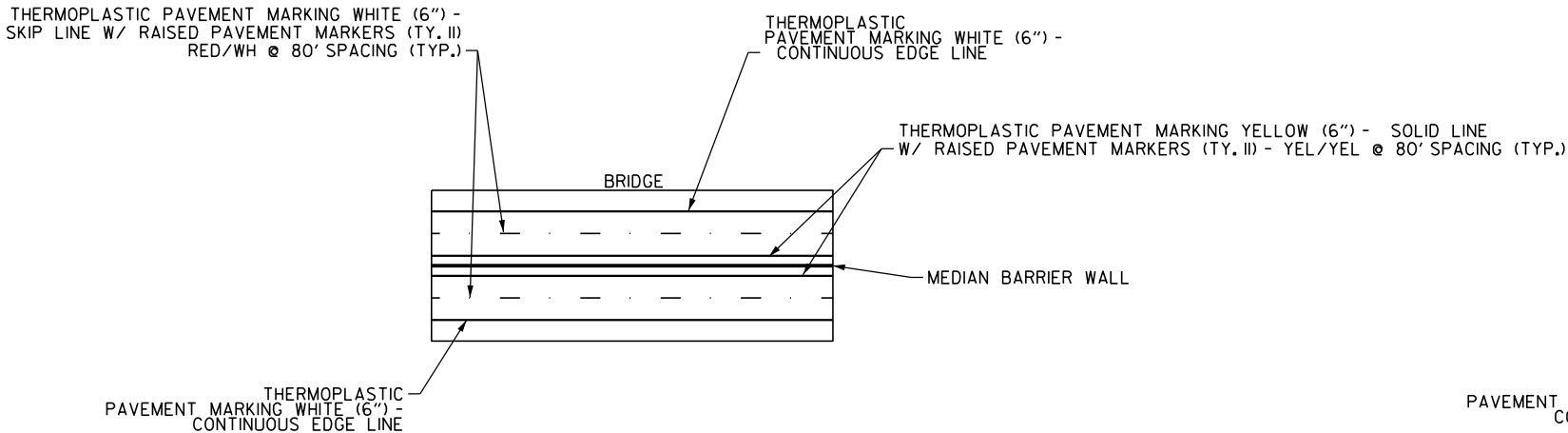
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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012407	44	64
PERMANENT PAVEMENT MARKINGS DETAILS						



PERMANENT PAVEMENT MARKING DETAILS
FIVE LANE ROADWAYS W/ BRIDGE

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



PERMANENT PAVEMENT MARKING DETAILS
TWO LANE MEDIAN BARRIER WALL DIVIDED
ROADWAYS W/ BRIDGE

	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE
DIST. 2	4	BR. 05423	HWY. 65	14B	6.445
	16	BR. 02069	HWY. 65	20	3.321
	17	BR. 02070	HWY. 65	20	7.618

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

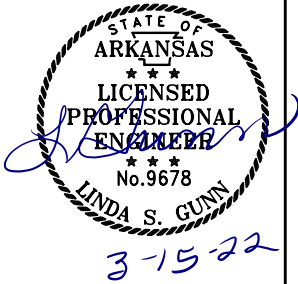
PERMANENT PAVEMENT MARKING DETAILS
TWO LANE GRASS MEDIAN DIVIDED ROADWAYS
W/ BRIDGE

BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE
49	BR. 05220	HWY. 7	2	0.825
50	BR. B7085	HWY. 7	2	0.825
51	BR. 05907	HWY. 7	2	3.200
52	BR. 05221	HWY. 7	2	8.507

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	45	64

QUANTITIES



ADVANCE WARNING SIGNS AND DEVICES - DISTRICTS 2, 3, & 7 LANE CLOSURE FOR POLYMER OVERLAY BRIDGES															
SIGN NUMBER	DESCRIPTION	SIGN SIZE	STAGE 1	STAGE 2	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				
ADVANCE WARNING SIGNS - HIGHWAY															
W20-1	ROAD WORK 1500 FT.	36"x36"	8	8	8	8	72.0								
W20-1	ROAD WORK AHEAD	36"x36"	8	8	8	8	72.0								
W20-2	DETOUR 500 FT.	48"x48"	4	4	4	4	64.0								
W20-2	DETOUR 1000 FT.	48"x48"	4	4	4	4	64.0								
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"	8	8	8	8	72.0								
G20-2	END ROAD WORK	36"x18"	8	8	8	8	36.0								
W1-4R	REVERSE CURVE RT.	36"x36"	8	8	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								
R10-6	STOP HERE ON RED	24"x36"	8	8	8	8	48.0								
R11-2	ROAD CLOSED	48"x30"	3	3	3	3	30.0								
M4-8	DETOUR	24"x12"	12	12	12	12	24.0								
M4-8a	END DETOUR	24"x18"	3	3	3	3	9.0								
W1-6	LARGE ARROW	48"x24"	24	24	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 (LEFT)	36"x36"	2	2	2	2	18.0								
W4-2	LANE ENDS (RIGHT)	36"x36"	8	8	8	8	72.0								
W8-1	BUMP	30"x30"	8	8	8	8	50.0								
W8-11	UNEVEN LANES	48"x48"	8	8	8	8	128.0								
SPECIAL	MERGE NOW	36"x36"	8	8	8	8	72.0								
SUBTOTALS (DISTRICTS 2, 3, & 7 - ADVANCE WARNING SIGNS - HIGHWAY):							1865.0								
ADVANCE WARNING SIGNS - REFER TO DETOUR CLOSURES															
M1-1	INTERSTATE ROUTE (530)	30"x24"	7	7	7	7	35.0								
M1-4	U.S. ROUTE (65) INTERSTATE	36"x36"	2	2	2	2	18.0								
M1-4	U.S. ROUTE (65)	24"x24"	3	3	3	3	12.0								
M1-4	U.S. ROUTE (79)	24"x24"	7	7	7	7	28.0								
M1-4	U.S. ROUTE (278)	30"x24"	3	3	3	3	15.0								
M3-1	CARDINAL DIRECTION (NORTH)	24"x12"	7	7	7	7	14.0								
M3-3	CARDINAL DIRECTION (SOUTH)	24"x12"	9	9	9	9	18.0								
M3-4	CARDINAL DIRECTION (WEST)	24"x12"	3	3	3	3	6.0								
M3-3	CARDINAL DIRECTION (SOUTH) INTERSTATE	36"x18"	2	2	2	2	9.0								
M4-8	DETOUR (INTERSTATE)	30"x15"	2	2	2	2	6.3								
M6-1	DIRECTIONAL ARROW (LEFT)	21"x15"	3	3	3	3	6.6								
M6-1	DIRECTIONAL ARROW (RIGHT)	21"x15"	5	5	5	5	10.9								
M6-3	DIRECTIONAL ARROW (FORWARD)	21"x15"	4	4	4	4	8.8								
SUBTOTALS (DISTRICTS 2, 3, & 7 - ADVANCE WARNING SIGNS - DETOURS):							187.6								
ADVANCE DEVICES															
	VERTICAL PANELS		45	45	45			45							
	TRAFFIC DRUMS		195	195	195				195						
	TYPE III BARRICADE-RT. (16')		2	2	2					32					
	TYPE III BARRICADE-LT. (16')		1	1	1						16				
	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER				562							562			
	RELOCATING PRECAST CONCRETE BARRIER				1984								1984		
	PORTABLE TRAFFIC SIGNAL SYSTEM-ACTUATED													175	
	PORTABLE CHANGEABLE MESSAGE SIGN														70
SUBTOTALS (DISTRICT 2, 3, & 7 - ADVANCE DEVICES):							0.0	45	195	32	16	562	1984	175	70
PROJECT TOTALS (DISTRICTS 2, 3, & 7):							2052.6	45	195	32	16	562	1984	175	70

MAINTENANCE OF TRAFFIC ITEMS ARE TO BE RELOCATED BETWEEN BRIDGE SITES AND DISTRICTS IF AND WHERE DIRECTED BY THE ENGINEER, THE TOTALS ARE ESTIMATED. PAYMENT WILL BE BASED ON FIELD MEASURED QUANTITIES.

NOTES: ALL LOCATIONS HAVE BOTH HIGH AND LOW TRAFFIC VOLUMES IN DISTRICTS 2, 3, & 7 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.

- * FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER AND RELOCATING PRECAST CONCRETE BARRIER QUANTITY ARE TO BE PLACED IN ACCORDANCE WITH 'MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 05140, 05139, and 05138)' IN DISTRICT 2.
- * THE PORTABLE TRAFFIC SIGNAL SYSTEM-ACTUATED QUANTITY IS ESTIMATED AND BASED ON TWO SIGNALS AT BRIDGES IF AND WHERE DIRECTED BY THE ENGINEER.
- * THE PORTABLE CHANGEABLE MESSAGE BOARD QUANTITY IS ESTIMATED AND TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER AT EACH END OF THE BRIDGES WITH APPROVED LONG LANE CLOSURES TO EXPEDITE THE WORK.
- * IN LIEU OF THESE MOT ITEMS, TRAINED FLAGGERS ARE TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER AT ALL TWO LANE BRIDGES THAT CAN BE OPENED TO NORMAL TRAFFIC WHEN THE CONTRACTOR HAS COMPLETED THE DAILY WORK.

QUANTITIES ESTIMATED.
SEE SECTION 104.03 OF THE STD SPECS.

QUANTITIES

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QUANTITIES						



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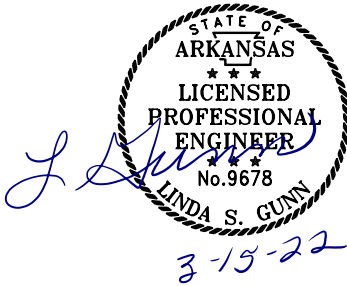


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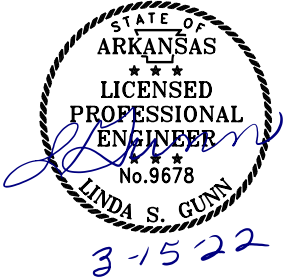
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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	49	64
QUANTITIES						



BASE AND SURFACING - MAIN LANE TRANSITIONS - DIST. 2 (BOX 1 OF 2)

BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	LOCATION	TRANSITION LENGTH	TACK COAT			ACHM SURFACE COURSE (1/2")			
						(0.17 GAL. PER SQ. YD.)		TOTAL GALLONS	TOTAL WID.	SQ.YD.	POUND / SQ.YD.	TOTAL PG 64-22 TON
						TOTAL WID.	SQ.YD.					
					FEET	FEET			FEET			
1	05470	190	5.530	MAIN LANE TRANSITION	200.00	22	488.89	83.11	22	488.89	220	53.78
13	05140	35	3.280	MAIN LANE TRANSITION	200.00	22	488.89	83.11	22	488.89	220	53.78
14	05139	35	4.041	MAIN LANE TRANSITION	200.00	22	488.89	83.11	22	488.89	220	53.78
15	05138	35	5.685	MAIN LANE TRANSITION	200.00	22	488.89	83.11	22	488.89	220	53.78
SUBTOTALS (DIST. 2):								332.44				215.12

BASIS OF ESTIMATE (DIST. 2)
ACHM SURFACE COURSE (1/2").....94.9% MIN. AGGR.....5.1% 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. 3 (BOX 2 OF 2)

BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	LOCATION	TRANSITION LENGTH	TACK COAT			ACHM SURFACE COURSE (1/2")			
						(0.17 GAL. PER SQ. YD.)		TOTAL GALLONS	AVG. WID.	SQ.YD.	POUND / SQ.YD.	TOTAL PG 64-22 TON
						TOTAL WID.	SQ.YD.					
					FEET	FEET			FEET			
DISTRICT 3 BRIDGE STRUCTURES												
29	05613	26	13.273	MAIN LANE TRANSITION	200.00	24	533.33	90.67	24	533.33	220	58.67
SUBTOTALS (DIST. 3):								90.67				58.67

BASIS OF ESTIMATE (DIST. 3)
ACHM SURFACE COURSE (1/2").....94.8% MIN. AGGR.....5.2% 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.

SUBTOTALS DIST. 2 - (BOX 1 OF 2):		332.44			215.12
SUBTOTALS DIST. 3 - (BOX 2 OF 2):		90.67			58.67
PROJECT TOTALS:		423.11			273.79

BASIS OF ESTIMATE (DIST. 2):
ACHM SURFACE COURSE (1/2").....94.9% MIN. AGGR.....5.1% ASPHALT BINDER

BASIS OF ESTIMATE (DIST. 3):
ACHM SURFACE COURSE (1/2").....94.8% MIN. AGGR.....5.2% 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.

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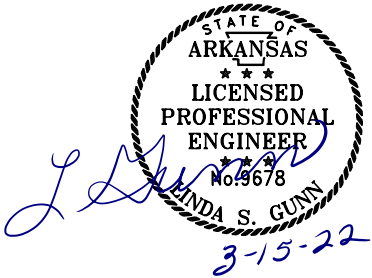
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QUANTITIES						



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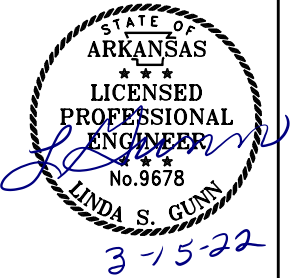
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QUANTITIES						



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QUANTITIES						



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03-15-22		6	ARK.	012407	53	64
QUANTITIES						

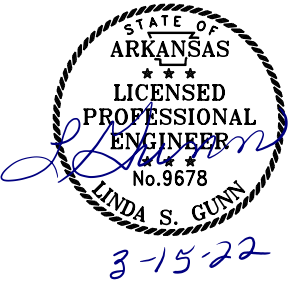


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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
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QUANTITIES						

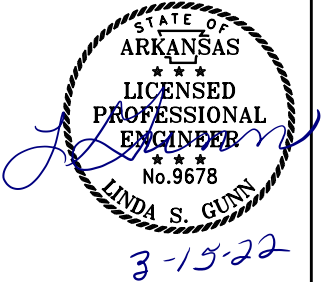


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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	55	64
QUANTITIES						



COLD MILLING ASPHALT PAVEMENT - DIST. 2 (BOX 1 OF 3)								
BR. ID # (TITLE SHEET)	BRIDGE STRUCTURE NO.	ROUTE	LOG MILE	LOCATION	* AVG. DEPTH OF ASPHALT	LENGTH	AVG. WIDTH	COLD MILLING ASPHALT PAVEMENT
					INCHES	FEET	FEET	SQ. YD.
1	05470	190	5.530	BR. DECK	1	180.00	26	520.00
				TRANSITION	2	200.00	22	488.89
13	05140	35	3.280	BR. DECK	2	242.08	28	753.14
				TRANSITION	2	200.00	22	488.89
14	05139	35	4.041	BR. DECK	2	182.08	28	566.47
				TRANSITION	2	200.00	22	488.89
15	05138	35	5.685	BR. DECK	2	202.08	28	628.69
				TRANSITION	2	200.00	22	488.89
SUBTOTAL (DIST. 2):								4423.86

*AVERAGE DEPTH OF ASPHALT IS ESTIMATED AND SHOWN FOR INFORMATION ONLY.

NOTE: COORDINATE COLD MILLING STOCKPILE LOCATIONS WITH DISTRICT ENGINEER.

COLD MILLING ASPHALT PAVEMENT - DIST. 3 (BOX 2 OF 3)								
BR. ID # (TITLE SHEET)	BRIDGE STRUCTURE NO.	ROUTE	LOG MILE	LOCATION	* AVG. DEPTH OF ASPHALT	LENGTH	AVG. WIDTH	COLD MILLING ASPHALT PAVEMENT
29	05613	26	13.273	BR. DECK	2	105.00	32	373.33
				TRANSITION	2	200.00	24	533.33
SUBTOTAL (DIST. 3):								906.66

*AVERAGE DEPTH OF ASPHALT IS ESTIMATED AND SHOWN FOR INFORMATION ONLY.

NOTE: COORDINATE COLD MILLING STOCKPILE LOCATIONS WITH DISTRICT ENGINEER.

SUBTOTAL DIST. 2 - (BOX 1 OF 2):	4423.86
SUBTOTAL DIST. 3 - (BOX 2 OF 2):	906.66
PROJECT TOTAL:	5330.52

*AVERAGE DEPTH OF ASPHALT IS ESTIMATED AND SHOWN FOR INFORMATION ONLY.

NOTE: COORDINATE COLD MILLING STOCKPILE LOCATIONS WITH DISTRICT ENGINEER.

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	0I2407	56	64

QUANTITIES



3-15-22

CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS - DIST. 2 (BOX 1 OF 3)

BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	DESCRIPTION	REMOVABLE CONST. PAVEMENT MARKINGS	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.	
1	05470	190	5.530	WHITE	104					360	
				YELLOW	932					932	
				R.P.M.		6					
2	06255	65	0.289	WHITE	584			584			
				YELLOW	584			584			
				R.P.M.		4					
3	06225	463	2.460	WHITE	748			748			
				YELLOW	599				599		
				R.P.M.		7	4				
4	05423	65	6.445	WHITE	5856			5856			
				YELLOW	4685				4685		
				R.P.M.		59	29				
5	06275	63	11.300	WHITE	542			542			
				YELLOW	542				542		
				R.P.M.		3					
6	06582	63	8.397	WHITE	160			1576			
				YELLOW	1576				1576		
				R.P.M.		10					
7	06567	63	0.642	WHITE	160			485			
				YELLOW	485				485		
				R.P.M.		3					
8	06566	63	3.424	WHITE	160			829			
				YELLOW	829				829		
				R.P.M.		5					
9	02891	165	28.572	WHITE	104			300			
				YELLOW	300				300		
				R.P.M.		2					
10	05436	138	20.931	WHITE	104					724	
				YELLOW	724						724
				R.P.M.		5					
11	05437	138	22.414	WHITE	104					180	
				YELLOW	180						180
				R.P.M.		1					
12	05121	165	10.253	WHITE	120					5797	
				YELLOW	5797						5797
				R.P.M.		36					
13	05140	35	3.280	WHITE	112					484	
				YELLOW	884						884
				R.P.M.		6					
14	05139	35	4.041	WHITE	112					364	
				YELLOW	764						764
				R.P.M.		5					
15	05138	35	5.685	WHITE	112					404	
				YELLOW	804						804
				R.P.M.		5					
16	02069	65	3.321	WHITE	381			381			
				YELLOW	305				305		
				R.P.M.		4	2				
17	02070	65	7.618	WHITE	550			550			
				YELLOW	440				440		
				R.P.M.		6	3				
SUBTOTALS (DIST. 2):					30443	76	129	11851	10345	8313	10085

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.

CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS - DIST. 3 (BOX 2 OF 3)

BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	DESCRIPTION	REMOVABLE CONST. PAVEMENT MARKINGS	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.		LIN. FT.		
18	05685	41	0.342	WHITE	176			458			
				YELLOW R.P.M.	458		3		458		
19	06620	71	6.065	WHITE	160			1548			
				YELLOW R.P.M.	1548		10		1548		
20	06459	41	10.515	WHITE	160			858			
				YELLOW R.P.M.	858		5		858		
21	03408	41	9.259	WHITE	160			150			
				YELLOW R.P.M.	150		1		150		
22	05718	41	8.545	WHITE	160			240			
				YELLOW R.P.M.	240		2		240		
23	05719	41	8.359	WHITE	160			180			
				YELLOW R.P.M.	180		1		180		
24	05720	41	5.089	WHITE	160			150			
				YELLOW R.P.M.	150		1		150		
25	05721	41	4.535	WHITE	160			400			
				YELLOW R.P.M.	400		3		400		
26	05722	41	4.301	WHITE	160			300			
				YELLOW R.P.M.	700		4		700		
27	07215	371	2.894	WHITE	160			362			
				YELLOW R.P.M.	362		2		362		
28	07214	371	2.626	WHITE	160			362			
				YELLOW R.P.M.	362		2		362		
29	05613	26	13.273	WHITE	128					210	
				YELLOW R.P.M.	610		4			610	
SUBTOTALS (DIST. 3):					7922		38	5008	5408	210	610

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.

QUANTITIES

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	57	64
QUANTITIES						

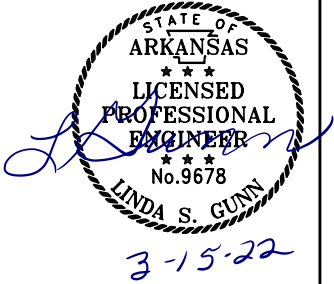
CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS - DIST. 7 (BOX 3 OF 3)

BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	DESCRIPTION	REMOVABLE CONST. PAVEMENT MARKINGS	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.	LIN. FT.		
30	05627	278	0.142	WHITE YELLOW R.P.M.	591 591			591	591		
31	06962	51	29.064	WHITE YELLOW R.P.M.	771 771		7	771	771		
32	03690	I-30(O.P.)	70.740	WHITE YELLOW R.P.M.	96 498	8	8			498	498
33	06633	63	8.512	WHITE YELLOW R.P.M.	160 892		3	892	892		
34	06815	278	5.917	WHITE YELLOW R.P.M.	638 638		6	638	638		
35	05560	63	13.558	WHITE YELLOW R.P.M.	120 560		13	560	560		
36	05561	63	13.219	WHITE YELLOW R.P.M.	120 630		4	630	630		
37	06530	63	14.522	WHITE YELLOW R.P.M.	144 150					150	150
38	06529	63	17.328	WHITE YELLOW R.P.M.	144 360		1			360	360
39	06528	63	22.364	WHITE YELLOW R.P.M.	144 240		2			240	240
40	06527	63	22.716	WHITE YELLOW R.P.M.	144 180					180	180
41	06303	63	0.268	WHITE YELLOW R.P.M.	144 5490		1			5490	5490
42	06863	98	0.528	WHITE YELLOW R.P.M.	160 284					284	284
43	06693	15	2.364	WHITE YELLOW R.P.M.	128 2240		2			2240	2240
44	06694	15	2.715	WHITE YELLOW R.P.M.	128 490		14			490	490
45	06695	15	5.989	WHITE YELLOW R.P.M.	128 350		3			350	350
46	06696	15	6.058	WHITE YELLOW R.P.M.	128 210		2			210	210
47	06697	15	6.122	WHITE YELLOW R.P.M.	128 490		1			490	490
48	05792	15	20.923	WHITE YELLOW R.P.M.	176 466			466	466		
49	05220	7	0.825	WHITE YELLOW R.P.M.	175 140		3	175	140		
50	B7085	7	0.825	WHITE YELLOW R.P.M.	175 140	4	1	175	140		
51	05907	7	3.200	WHITE YELLOW R.P.M.	113 90	2	1	113	90		
52	05221	7	8.507	WHITE YELLOW R.P.M.	105 84	2	1	105	84		
SUBTOTALS (DIST. 7):					20744	26	117	5116	5002	10982	10982
SUBTOTALS DIST. 2 - (BOX 1 OF 3):					30443	76	129	11851	10345	8313	10085
SUBTOTALS DIST. 3 - (BOX 2 OF 3):					7922		38	5008	5408	210	610
SUBTOTALS DIST. 7 - (BOX 3 OF 3):					20744	26	117	5116	5002	10982	10982
PROJECT TOTALS:					59109	102	284	21975	20755	19505	21677

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.

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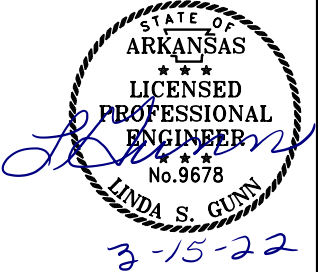
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	58	64
QUANTITIES						



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DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	59	64
		QUANTITIES				



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QUANTITIES

	DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL SHEETS
⚠	03/15/2022				6	ARK.			
					JOB NO.		012407	60	64
	① DISTRICTS 2, 3, & 7 BRIDGES - QUANTITIES - 64983								

SCHEDULE OF BRIDGE QUANTITIES - JOB NO. 012407

DISTRICT	SITE NO.	COUNTY	ROUTE	SECTION	LOG MILE	BRIDGE NO.	SP & 509	SS & 804	SS & 804	SS & 809	821	SP JOB 012407	SP JOB 012407
							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.
2	1	GRANT	HWY. 190	4	5.530	05470 ①⑧ ⚠	130	200				234.0	520.0
	2	JEFFERSON	HWY. 65	14B	0.289	06255 ②⑨ ⚠		620				725.0	1,611.2
	3	JEFFERSON	HWY. 463	3	2.460	06225 ②⑨ ⚠			810	472 ⑥		951.3	2,114.0
	4	JEFFERSON	HWY. 65	14B	6.445	05423 ②④⑧⚠		7,360		2,105 ⑥		8,658.0	19,240.0
	5	JEFFERSON	HWY. 63	13	11.300	06275 ②⑨ ⚠			580			674.9	1,499.8
	6	JEFFERSON	HWY. 63	13	8.397	06582 ②			1,340		1 ⑩	1,572.0	3,493.4
	7	JEFFERSON	HWY. 63	13	0.642	06567 ②⑨ ⚠			410	97 ⑦		480.0	1,066.7
	8	JEFFERSON	HWY. 63	13	3.424	06566 ②⑨ ⚠			710			824.0	1,831.2
	9	ARKANSAS	HWY. 165	5	28.572	02891 ②④	130	170				195.0	433.4
	10	DREW	HWY. 138	3	20.931	05436 ③		400		216 ⑥		468.0	1,040.0
	11	DREW	HWY. 138	3	22.414	05437 ②	52	100				117.0	260.0
	12	DESHA	HWY. 165	4	10.253	05121 ②④⑧⚠		3,700		61 ⑥		4,345.3	9,656.2
	13	DESHA	HWY. 35	10	3.280	05140 ①		290		143 ⑥	1 ⑪	336.0	746.7
	14	DESHA	HWY. 35	10	4.041	05139 ①		220		114 ⑥	1 ⑪	252.0	560.0
	15	DESHA	HWY. 35	10	5.685	05138 ①		240		143 ⑥	1 ⑪	280.0	622.3
	16	CHICOT	HWY. 65	20	3.321	02069 ②		470		336 ⑥		548.7	1,219.4
	17	CHICOT	HWY. 65	20	7.618	02070 ②⑨ ⚠		670		452 ⑥		784.1	1,742.4
TOTALS FOR DISTRICT 2							312	14,440	3,850	4,139		21,445.3	47,656.7
3	18	SEVIER	HWY. 41	1	0.342	05685 ③⑧ ⚠		430		95 ⑥		499.4	1,109.8
	19	SEVIER	HWY. 71	7	6.065	06620 ②⑨ ⚠			1,320			1,544.0	3,431.2
	20	LITTLE RIVER	HWY. 41	3	10.515	06459 ②⑨ ⚠			730			853.5	1,896.7
	21	LITTLE RIVER	HWY. 41	3	9.259	03408 ②⑨ ⚠	80	130				150.0	333.4
	22	LITTLE RIVER	HWY. 41	3	8.545	05718 ②⑧ ⚠	120	210				240.0	533.4
	23	LITTLE RIVER	HWY. 41	3	8.359	05719 ②⑧ ⚠	160	160				180.0	400.0
	24	LITTLE RIVER	HWY. 41	3	5.089	05720 ②⑧ ⚠	160	130				150.0	333.4
	25	LITTLE RIVER	HWY. 41	3	4.535	05721 ②⑧ ⚠	360	340				400.0	888.9
	26	LITTLE RIVER	HWY. 41	3	4.301	05722 ②⑧ ⚠	256	260				300.0	666.7
	27	HEMPSTEAD	HWY. 371	3	2.894	07215 ②			310			360.0	800.0
	28	HEMPSTEAD	HWY. 371	3	2.626	07214 ②			310			360.0	800.0
	29	PIKE	HWY. 26	3	13.273	05613 ①⑧ ⚠	64	150				168.0	373.4
TOTALS FOR DISTRICT 3							1,200	1,810	2,670	95		5,204.9	11,566.9
7	30	OUACHITA	HWY. 278	9	0.142	05627 ②⑧ ⚠		690		65 ⑥		805.8	1,790.6
	31	CLARK	HWY. 51	1	29.064	06962 ②			760	178 ⑥		887.4	1,972.0
	32	CLARK	I-30 (O.P.)	14	70.740	03690 ②⑧ ⚠		260				295.2	656.0
	33	BRADLEY	HWY. 63	16	8.512	06633 ②⑨ ⚠			760			884.0	1,964.5
	34	BRADLEY	HWY. 278	13	5.917	06815 ②			810	157 ⑥		948.8	2,108.4
	35	BRADLEY	HWY. 63	17	13.558	05560 ②	210	360				420.0	933.4
	36	BRADLEY	HWY. 63	17	13.219	05561 ②	240	410				472.5	1,050.0
	37	BRADLEY	HWY. 63	17	14.522	06530 ②⑨ ⚠	72	120				135.0	300.0
	38	BRADLEY	HWY. 63	17	17.328	06529 ②⑨ ⚠	180	280				324.0	720.0
	39	BRADLEY	HWY. 63	17	22.364	06528 ②⑨ ⚠	108	190				216.0	480.0
	40	BRADLEY	HWY. 63	17	22.716	06527 ②⑨ ⚠	72	140				162.0	360.0
	41	UNION	HWY. 63	18	0.268	06303 ②⑨ ⚠			4,200		1 ⑫	4,935.6	10,968.0
	42	COLUMBIA	HWY. 98	1	0.528	06863 ②			240	87 ⑥		280.0	622.3
	43	UNION	HWY. 15	1	2.364	06693 ②⑨ ⚠	992	1,530				1,792.0	3,982.3
	44	UNION	HWY. 15	1	2.715	06694 ②⑨ ⚠	192	340				392.0	871.2
	45	UNION	HWY. 15	1	5.989	06695 ②⑨ ⚠	128	240				280.0	622.3
	46	UNION	HWY. 15	1	6.058	06696 ②⑨ ⚠	64	150				168.0	373.4
	47	UNION	HWY. 15	1	6.122	06697 ②⑨ ⚠	192	340				392.0	871.2
	48	UNION	HWY. 15	1	20.923	05792 ②⑧ ⚠		440		96 ⑥		508.2	1,129.4
	49	UNION	HWY. 7	2	0.825	05220 ②④	160	240				280.0	622.3
	50	UNION	HWY. 7	2	0.825	B7085 ②	160		240			280.0	622.3
	51	UNION	HWY. 7	2	3.200	05907 ②⑧ ⚠	86	160				180.0	400.0
	52	UNION	HWY. 7	2	8.507	05221 ②⑧ ⚠	172	160				180.6	401.4
TOTALS FOR DISTRICT 7							3,028	6,050	7,010	583		15,219.1	33,821.0
TOTALS FOR JOB 012407							4,540	22,300 ⑤	13,530 ⑤	4,817		41,869.3 ⑤	93,044.6

REFERENCE TABLE

BRIDGE NO.	EXISTING DWG. NOS.
05470	17767
06255	29795
06225	28830
05423	17672, 17673, 17674, 17675
06275	34266
06582	35166, 35167
06567	34307
06566	34294
02891	8325
05436	17287
05437	17288
05121	13693, 13718, 13721A
05140	13854, 13855, 13895
05139	13853, 13855, 13895
05138	13852, 13855, 13895
02069	29184
02070	29197
05685	21653
06620	36415
06459	32785
03408	32780
05718	21175
05719	21178
05720	21179
05721	21182
05722	21183
07215	51955
07214	51954
05613	19055
05627	19282
06962	45761
03690	12153
06633	36082
06815	41472, 41473
05560	18423
05561	18424
06530	33733
06529	33729
06528	33728
06527	33727
06303	30468, 31648
06863	42702
06693	38337, 38338
06694	38340
06695	38342
06696	38343
06697	38344
05792	22376
05220	15956, 47864
B7085	45030
05907	24306
05221	15958

⚠

 REMOVED NOTES PERTAINING TO REMOVAL AND DISPOSAL OF APPROACH GUTTERS AND ATTACHING NEW GUARDRAIL.
ERBB 3/15/2022

- 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 QUANTITY SHOWN IS FOR ESTIMATING AND BIDDING PURPOSES ONLY. ACTUAL QUANTITY, IF ANY, WILL BE DETERMINED IN THE FIELD.
- ⑥ EXISTING BRIDGE HAS FILLED JOINTS TO BE REMOVED AND REPLACED WITH POURED SILICONE JOINTS.
- ⑦ EXISTING BRIDGE HAS SLIDER PLATE JOINTS TO BE PARTIALLY REMOVED AND REPLACED WITH POURED SILICONE JOINTS.
- ⚠

 ⑧ REMOVE AND DISPOSE OF EXISTING APPROACH GUTTERS AT DESIGNATED LOCATIONS. SEE ROADWAY PLANS FOR ADDITIONAL INFORMATION.
- ⚠

 ⑨ MODIFY CONCRETE BRIDGE END POST AT ALL FOUR BRIDGE CORNERS AND ATTACH NEW APPROACH GUARDRAIL TO BRIDGE RAIL. ANY EXPOSED REINFORCING STEEL SHALL BE DRILLED DOWN 2" AND COVERED WITH A QPL-APPROVED NON-SHRINK GROUT.
- ⑩ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REMOVAL OF DEBRIS AT SLIDER PLATE JOINTS.
- ⑪ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REPAIR OF BACKWALL AND JOINT ARMOR AT ALL JOINTS.
- ⑫ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REMOVAL AND REPLACEMENT OF NEOPRENE STRIP SEAL JOINT MATERIAL.



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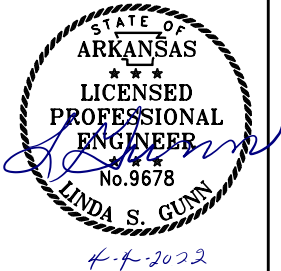
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SCHEDULE OF BRIDGE QUANTITIES
DISTRICTS 2, 3, & 7
BRIDGE PRESERVATION (2022) (S)
VARIOUS COUNTIES
ROUTE VARIES SECTION VARIES
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
03-15-22		6	ARK.	012407	61	64
04-04-22						
SUMMARY OF QUANTITIES AND REVISIONS						



SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	DIST. 2 QUANTITIES	DIST. 3 QUANTITIES	DIST. 7 QUANTITIES	PROJECT TOTAL QUANTITIES	UNIT
SS & 401	TACK COAT	332	91		423	GAL.
SP, SS, & 407	MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2")	204	56		260	TON
SP, SS, & 407	ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (1/2")	11	3		14	TON
SP & 412	COLD MILLING ASPHALT PAVEMENT	4424	907		5331	SQ. YD.
601	MOBILIZATION	0.52	0.12	0.36	1.00	LUMP SUM
SP, SS, & 603	MAINTENANCE OF TRAFFIC	0.52	0.12	0.36	1.00	LUMP SUM
SS & 604	SIGNS				2053	SQ. FT.
SS & 604	BARRICADES				48	LIN. FT.
SS & 604	TRAFFIC DRUMS				195	EACH
SS & 604	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER				562	LIN. FT.
SS & 604	RELOCATING PRECAST CONCRETE BARRIER				1984	LIN. FT.
604	REMOVABLE CONSTRUCTION PAVEMENT MARKINGS	30443	7922	20744	59109	LIN. FT.
SP, SS, & 604	PORTABLE CHANGEABLE MESSAGE SIGN				70	WEEK
SS & 604	VERTICAL PANELS				45	EACH
635	ROADWAY CONSTRUCTION CONTROL	0.52	0.12	0.36	1.00	LUMP SUM
SP	PORTABLE TRAFFIC SIGNAL SYSTEM - ACTUATED				175	WEEK
718	REFLECTORIZED PAINT PAVEMENT MARKING WHITE (6")	8313	210	10982	19505	LIN. FT.
718	REFLECTORIZED PAINT PAVEMENT MARKING YELLOW (6")	10085	610	10982	21677	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING WHITE (6")	11851	5008	5116	21975	LIN. FT.
719	THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	10345	5408	5002	20755	LIN. FT.
721	RAISED PAVEMENT MARKERS (TYPE II)	205	38	143	386	EACH
STRUCTURES OVER 20' SPAN						
SP & 509	JOINT REHABILITATION (TYPE A)	312	1200	3028	4540	LIN. FT.
636	BRIDGE CONSTRUCTION CONTROL	0.52	0.12	0.36	1.00	LUMP SUM
SS & 804	REINFORCING STEEL-BRIDGE (GRADE 60)	14440	1810	6050	22300	POUND
SS & 804	EPOXY COATED REINFORCING STEEL (GRADE 60)	3850	2670	7010	13530	POUND
SS & 809	SILICONE JOINT SEALANT	4139	95	583	4817	LIN. FT.
821	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 06582)	1.00			1.00	LUMP SUM
821	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 05140)	1.00			1.00	LUMP SUM
821	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 05139)	1.00			1.00	LUMP SUM
821	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 05138)	1.00			1.00	LUMP SUM
821	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 06303)			1.00	1.00	LUMP SUM
SP	BRIDGE DECK REPAIR FOR POLYMER OVERLAYS	21445.3	5204.9	15219.1	41869.3	SQ. FT.
SP	POLYMER OVERLAY	47656.7	11566.9	33821.0	93044.6	SQ. YD.

REVISIONS

DATE	REVISION	SHEET NUMBER
3/15/2022	REVISED COUNTY MAP, REVISED STANDARD DRAWINGS, REVISED GOVERNING SPECIFICATIONS, REVISED TYPICAL SECTIONS, REMOVED GUARDRAIL, GUARDRAIL WIDENING, AND APPROACH GUTTERS AND RELATED MOT PAGES, REVISED QUANTITY BOXES, REMOVED NOTES PERTAINING TO REMOVAL & DISPOSAL OF APPROACH GUTTERS AND ATTACHING NEW GUARDRAIL, REMOVED TABLE COLUMNS "THRIE-BEAM GUARDRAIL CONNECTIONS AND "APP. GUTTER TYPE/STD. DRAWING" FROM BRIDGE DATA SHEETS AND REVISED BRIDGE QUANTITIES.	1, 4, 5, 6-24, 27, 28, 29, 30, 31, 35-38, 45-59, 60, 61, 62, 63, & 64
04/04/22	REVISED GOVERNING SPECIFICATIONS.	5 & 61

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Travis Keymer
WORKSPACE: ARDOT
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REVISID DATE:

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03/15/2022				6	ARK.			
						JOB NO.	012407	62
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DISTRICT 2 BRIDGES - BRIDGE DATA - 64984								

BRIDGE PRESERVATION DATA TABLE
(DISTRICT 2)

CURRENT CONST. CONTRACT SITE NO.	BRIDGE NO.	ORIGINAL CONTRACT NO.	COUNTY	ROUTE	SECTION	DECK TREATMENT TYPE	THRIE-BEAM GUARDRAIL CONNECTION PRESENT?	APP. GUTTER TYPE/ STD. DRAWING	BRIDGE JOINT TREATMENT STD. DRAWING	BRIDGE JOINT TREATMENT LOCATION
1	05470	6943	GRANT	HWY. 190	4	POLYMER OVERLAY	NO	PT/55035	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2-6
2	06255	R20063	JEFFERSON	HWY. 65	14B	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	N/A	N/A
3	06225	2972	JEFFERSON	HWY. 463	3	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	55064	BENTS 1-7
4	05423	2773	JEFFERSON	HWY. 65	14B	POLYMER OVERLAY	YES	N/A	55064	BENTS 2-9, 12-17, 21-27, & 29-31
5	06275	R20054	JEFFERSON	HWY. 63	13	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	N/A	N/A
6	06582	020202	JEFFERSON	HWY. 63	13	POLYMER OVERLAY	YES	N/A	N/A	REMOVE DEBRIS AT SLIDER PLATE JOINTS (BENTS 1, 4, 6, & 9)
7	06567	020128	JEFFERSON	HWY. 63	13	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	55064	BENTS 1 & 4
8	06566	020128	JEFFERSON	HWY. 63	13	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	N/A	N/A
9	02891	2444	ARKANSAS	HWY. 165	5	POLYMER OVERLAY	NO	N/A	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2-6
10	05436	2744	DREW	HWY. 138	3	POLYMER OVERLAY	NO	PT/55035	55064	BENTS 1-7
11	05437	2744	DREW	HWY. 138	3	POLYMER OVERLAY	NO	PT/55035	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 & 3
12	05121	2710-2712	DESHA	HWY. 165	4	POLYMER OVERLAY	NO	AT/55036	55064	SOUTH ABUTMENT & NORTH ABUTMENT
13	05140	2718	DESHA	HWY. 35	10	POLYMER OVERLAY	NO	AT/55036	55064	BENTS 1-5
14	05139	2718	DESHA	HWY. 35	10	POLYMER OVERLAY	NO	AT/55036	55064	BENTS 1-4
15	05138	2718	DESHA	HWY. 35	10	POLYMER OVERLAY	NO	AT/55036	55064	BENTS 1-5
16	02069	2272	CHICOT	HWY. 65	20	POLYMER OVERLAY	YES	N/A	55064	BENTS 1-4
17	02070	2272	CHICOT	HWY. 65	20	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	55064	BENTS 1-6

REMOVED TABLE COLUMNS
"THRIE-BEAM GUARDRAIL
CONNECTION PRESENT?" AND "APP.
GUTTER TYPE/ STD. DRAWING".
ERBB 3/15/2022



BRIDGE ENGINEER
PRINT DATE: 3/16/2022

DRAWN BY: ERBB
CHECKED BY: JSB
DESIGNED BY: ERBB
BRIDGE NO. DISTRICT 2 BRIDGES

DATE: 11/2021
DATE: 11/2021
DATE: 11/2021
DRAWING NO. 64984

FILENAME: B012407_DT2.dgn

SCALE: NO SCALE

BRIDGE PRESERVATION DATA TABLE
DISTRICT 2
ROUTE VARIES SECTION VARIES
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS

Travis Keymer 3/16/2022 11:52:20 AM
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REVISED DATE:

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL SHEETS
03/15/2022				6	ARK.			
						JOB NO.	012407	63
								64
DISTRICT 3 BRIDGES - BRIDGE DATA - 64985								

BRIDGE PRESERVATION DATA TABLE
(DISTRICT 3)

CURRENT CONST. CONTRACT SITE NO.	BRIDGE NO.	ORIGINAL CONTRACT NO.	COUNTY	ROUTE	SECTION	DECK TREATMENT TYPE	THRIE-BEAM GUARDRAIL CONNECTION PRESENT?	APP. GUTTER TYPE/ STD. DRAWING	BRIDGE JOINT TREATMENT STD. DRAWING	BRIDGE JOINT TREATMENT LOCATION
18	05685	3657	SEVIER	HWY. 41	1	POLYMER OVERLAY	NO	PT/55035	55064	BENTS 1 & 4
19	06620	030006	SEVIER	HWY. 71	7	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	N/A	N/A
20	06459	30034	LITTLE RIVER	HWY. 41	3	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	N/A	N/A
21	03408	3563	LITTLE RIVER	HWY. 41	3	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 & 3
22	05718	3776	LITTLE RIVER	HWY. 41	3	POLYMER OVERLAY	NO	PT/55035	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2-4
23	05719	3776	LITTLE RIVER	HWY. 41	3	POLYMER OVERLAY	NO	PT/55035	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 1-4
24	05720	3776	LITTLE RIVER	HWY. 41	3	POLYMER OVERLAY	NO	PT/55035	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 1-4
25	05721	3776	LITTLE RIVER	HWY. 41	3	POLYMER OVERLAY	NO	PT/55035	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 1-9
26	05722	3776	LITTLE RIVER	HWY. 41	3	POLYMER OVERLAY	NO	PT/55035	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 1-6
27	07215	030387	HEMPSTEAD	HWY. 371	3	POLYMER OVERLAY	YES	N/A	N/A	N/A
28	07214	030387	HEMPSTEAD	HWY. 371	3	POLYMER OVERLAY	YES	N/A	N/A	N/A
29	05613	3772	PIKE	HWY. 26	3	POLYMER OVERLAY	NO	PT/55035	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 & 3

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"THRIE-BEAM GUARDRAIL
CONNECTION PRESENT?" AND "APP.
GUTTER TYPE/ STD. DRAWING".
ERBB 3/15/2022



BRIDGE ENGINEER
PRINT DATE: 3/16/2022

DRAWN BY: ERBB
CHECKED BY: JSB
DESIGNED BY: ERBB
BRIDGE NO. DISTRICT 3 BRIDGES

DATE: 11/2021
DATE: 11/2021
DATE: 11/2021

FILENAME: B012407_DT3.dgn
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BRIDGE PRESERVATION DATA TABLE
DISTRICT 3
ROUTE VARIES SECTION VARIES
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS

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Travis Keymer
WORKSPACE: ARDOT
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REVISED DATE:

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					JOB NO.		012407	64	64
	DISTRICT 7 BRIDGES - BRIDGE DATA - 64986								

BRIDGE PRESERVATION DATA TABLE
(DISTRICT 7)

CURRENT CONST. CONTRACT SITE NO.	BRIDGE NO.	ORIGINAL CONTRACT NO.	COUNTY	ROUTE	SECTION	DECK TREATMENT TYPE	THRIE-BEAM GUARDRAIL CONNECTION PRESENT?	APP. GUTTER TYPE/ STD. DRAWING	BRIDGE JOINT TREATMENT STD. DRAWING	BRIDGE JOINT TREATMENT LOCATION
30	05627	7695	OUACHITA	HWY. 278	9	POLYMER OVERLAY	NO	AT/55036	55064	BENT 4
31	06962	070180	CLARK	HWY. 51	1	POLYMER OVERLAY	NO	NONE - EXISTING SIDEWALK	55064	BENTS 1 & 5
32	03690	7573	CLARK	I-30 (O.P.)	14	POLYMER OVERLAY	NO	AT2/55038	N/A	N/A
33	06633	070034	BRADLEY	HWY. 63	16	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	N/A	N/A
34	06815	070150	BRADLEY	HWY. 278	13	POLYMER OVERLAY	YES	N/A	55064	BENTS 1 & 6
35	05560	7758	BRADLEY	HWY. 63	17	POLYMER OVERLAY	NO	PT/55035	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 - 8
36	05561	7758	BRADLEY	HWY. 63	17	POLYMER OVERLAY	NO	PT/55035	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 - 9
37	06530	070004	BRADLEY	HWY. 63	17	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENT 2 & 3
38	06529	070004	BRADLEY	HWY. 63	17	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 - 6
39	06528	070004	BRADLEY	HWY. 63	17	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 - 4
40	06527	070004	BRADLEY	HWY. 63	17	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 - 3
41	06303	R70069	UNION	HWY. 63	18	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	55064	BENTS 1, 7, 18, 23
42	06863	070114	COLUMBIA	HWY. 98	1	POLYMER OVERLAY	YES	N/A	55064	BENTS 1 & 5
43	06693	007967	UNION	HWY. 15	1	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 - 32
44	06694	007967	UNION	HWY. 15	1	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 - 7
45	06695	007967	UNION	HWY. 15	1	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 - 5
46	06696	007967	UNION	HWY. 15	1	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 & 3
47	06697	007967	UNION	HWY. 15	1	POLYMER OVERLAY	NO	NONE - DRILL NEW THRIE-BEAM INTO EXISTING TRANSITION RAIL	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 - 7
48	05792	7706	UNION	HWY. 15	1	POLYMER OVERLAY	NO	PT2/55037	55064	BENTS 1 & 3
49	05220	7663	UNION	HWY. 7	2	POLYMER OVERLAY	YES	N/A	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 - 5
50	B7085	070267	UNION	HWY. 7	2	POLYMER OVERLAY	YES	N/A	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 - 5
51	05907	7904	UNION	HWY. 7	2	POLYMER OVERLAY	NO	PT/55035	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 2 & 3
52	05221	7663	UNION	HWY. 7	2	POLYMER OVERLAY	NO	AT/55036	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP	BENTS 1 - 4

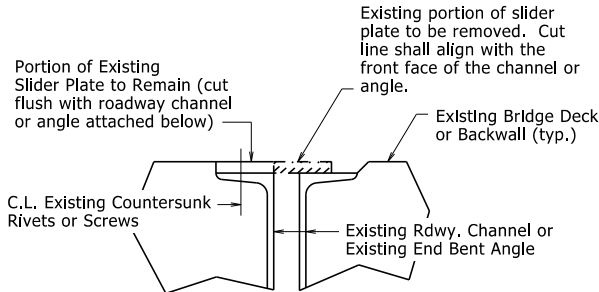
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CONNECTION PRESENT?" AND "APP.
GUTTER TYPE/ STD. DRAWING".
ERBB 3/15/2022



BRIDGE ENGINEER
PRINT DATE: 3/16/2022

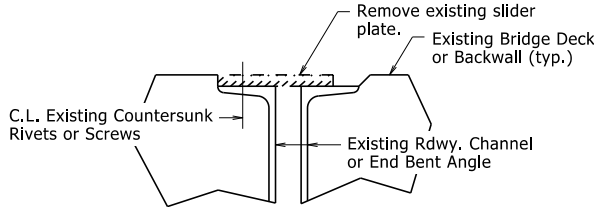
BRIDGE PRESERVATION DATA TABLE
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ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS
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CHECKED BY: JSB
DESIGNED BY: ERBB
DATE: 11/2021
DATE: 11/2021
DATE: 11/2021
FILENAME: B012407_DT7.dgn
SCALE: NO SCALE
DRAWING NO. 64986

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								



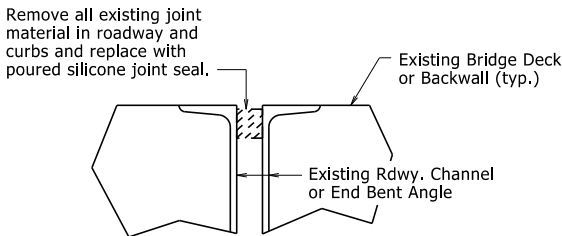
REMOVAL DETAILS AT EXISTING SLIDER PLATE JOINTS

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.



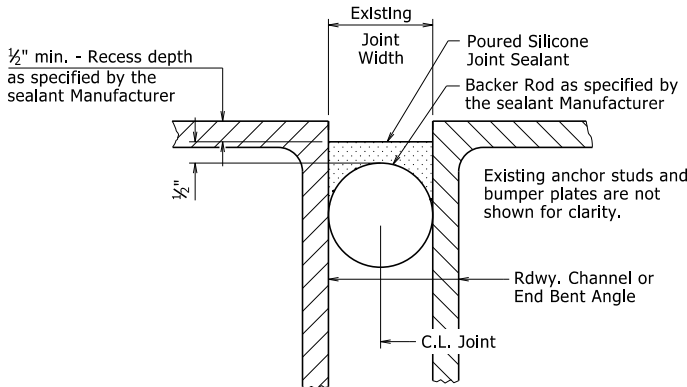
REMOVAL DETAILS AT EXISTING SLIDER PLATE JOINTS WITH GRADE RAISE

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".



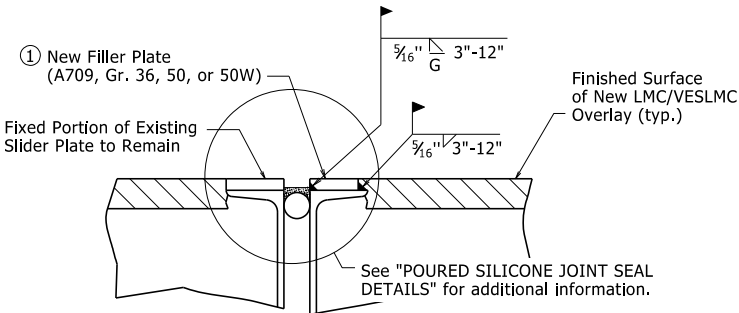
POURED SILICONE JOINT SEAL DETAILS

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".

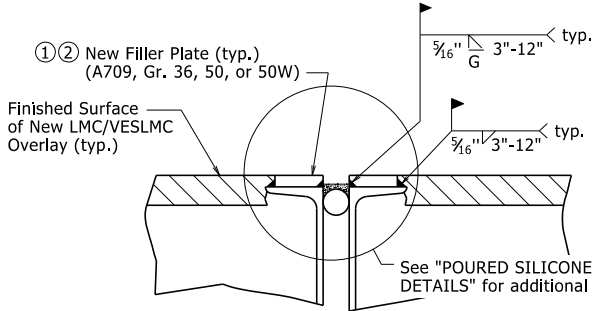
Backer rods shall be extended beyond the length of the poured joint in the initial joint repair area so that the two pieces can be properly spliced together prior to installing sealant for the adjacent joint repair. Manufacturer's recommendations shall be followed to prevent sealant leakage during repair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

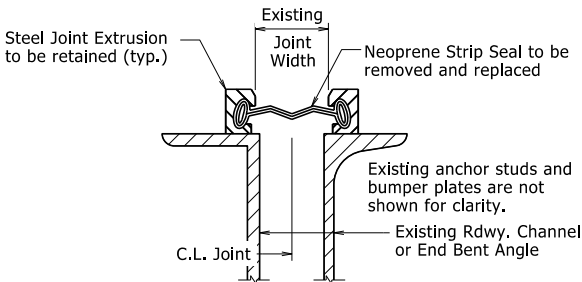


JOINT MODIFICATION WITH GRADE RAISE

- 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.



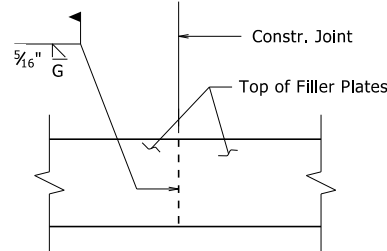
STRIP SEAL JOINT DETAILS

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.

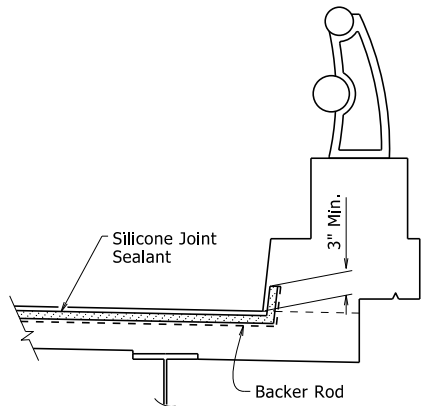
Removal and replacement of the existing neoprene strip seal joint material will require the removal of the parapet slider plates, where present. Parapet slider plates removed for this work shall be reinstalled after installation of the new neoprene strip seal joint material.

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. _)".

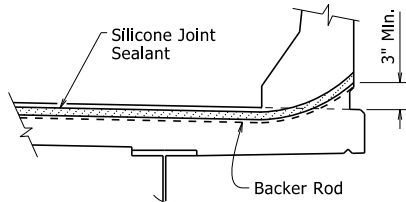


PLAN VIEW OF FILLER PLATE

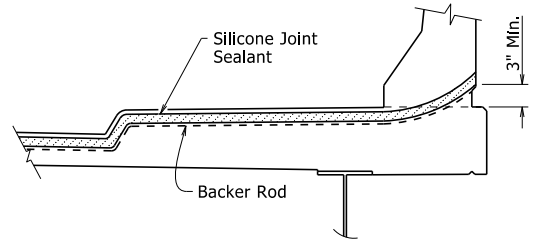


SILICONE JOINT SEAL PLACEMENT AT CURB

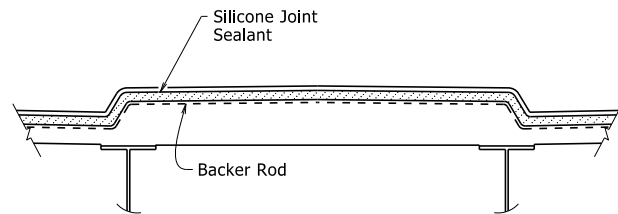
Vertical joints may require forming. The clearance from deck surface to joint material shall be maintained.



SILICONE JOINT SEAL PLACEMENT AT RAIL



SILICONE JOINT SEAL PLACEMENT AT SIDEWALK



SILICONE JOINT SEAL PLACEMENT AT MEDIAN

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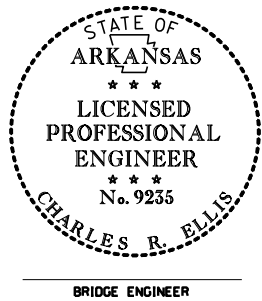
STANDARD DETAILS FOR JOINT REPAIRS & MODIFICATIONS

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

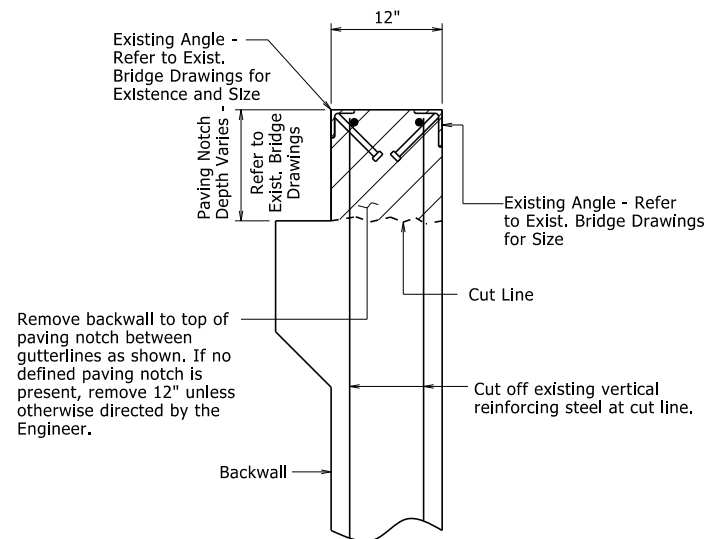
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DESIGNED BY: STD. DATE: -----

DRAWING NO. 55064



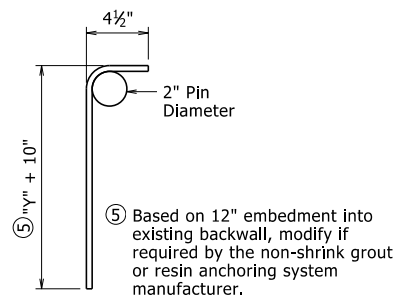
BRIDGE ENGINEER

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.				
				BACKWALL REPAIR - 55065				

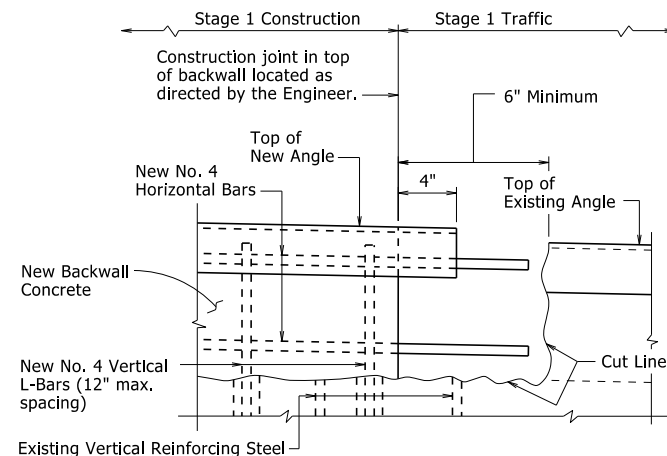


BACKWALL REPAIR REMOVAL DETAIL

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.)".

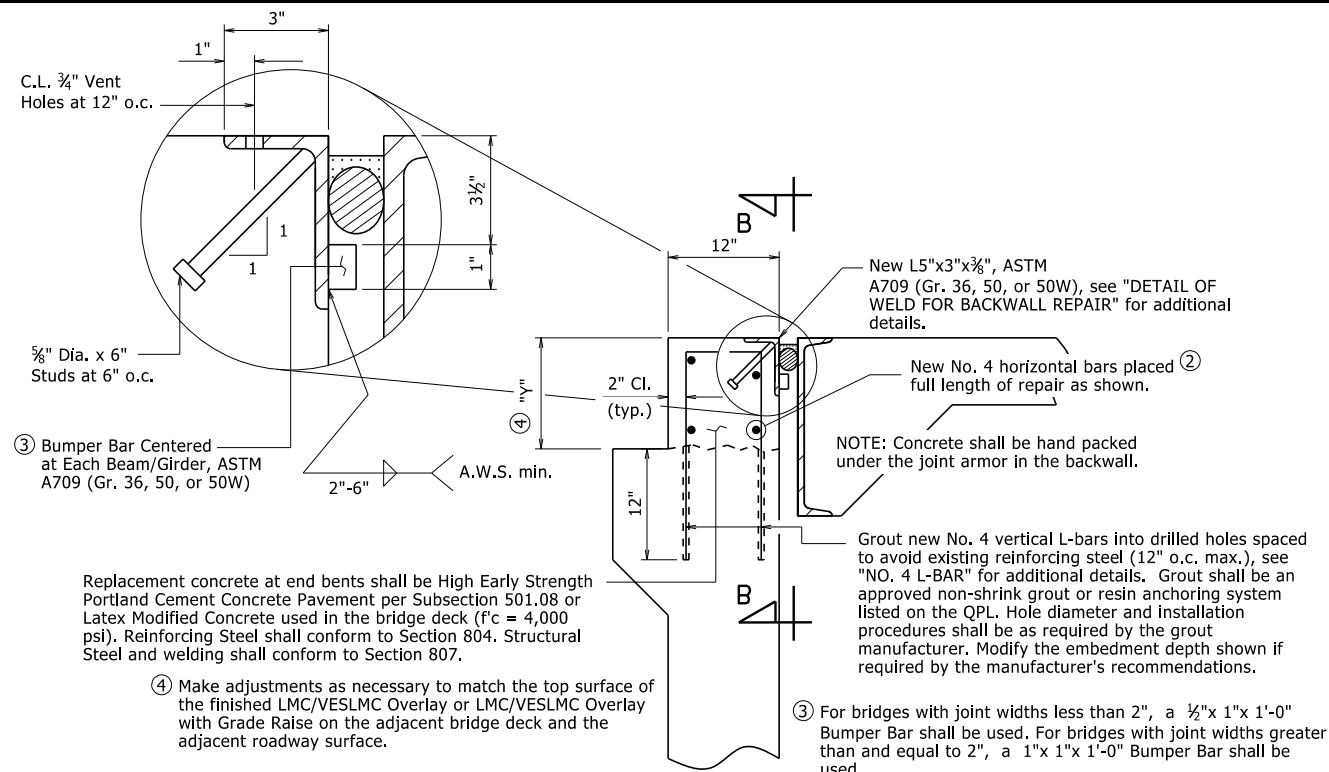


NO. 4 L-BAR



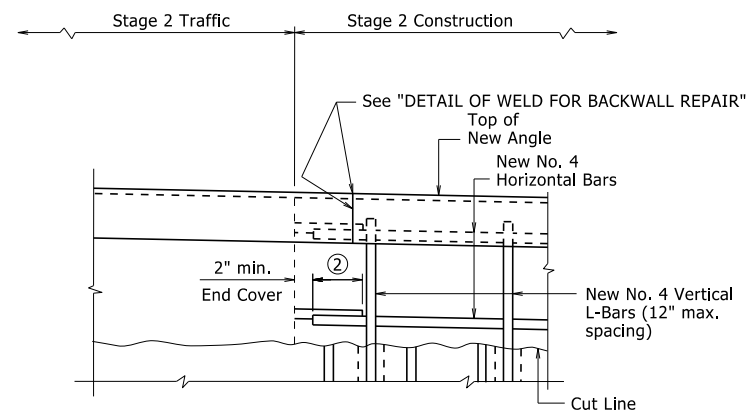
① VIEW B-B, STAGE 1

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



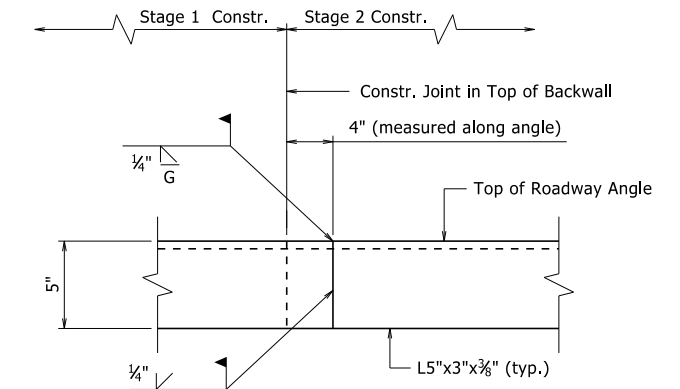
BACKWALL REPAIR INSTALLATION DETAIL

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



① VIEW B-B, STAGE 2

- ① 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.
- ② 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.



NOTE: All welding shall be done after the Stage 1 concrete pour and prior to the Stage 2 concrete pour.

① DETAIL OF WELD FOR BACKWALL REPAIR

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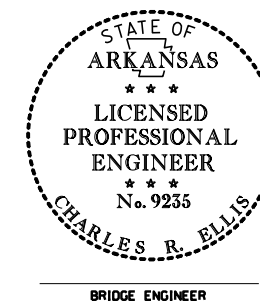
STANDARD DETAILS FOR
BACKWALL REPAIRS

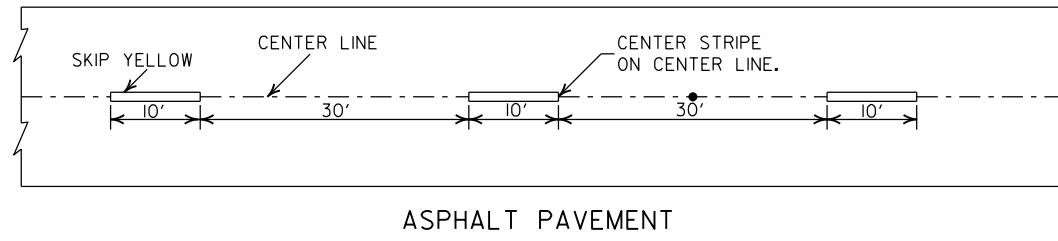
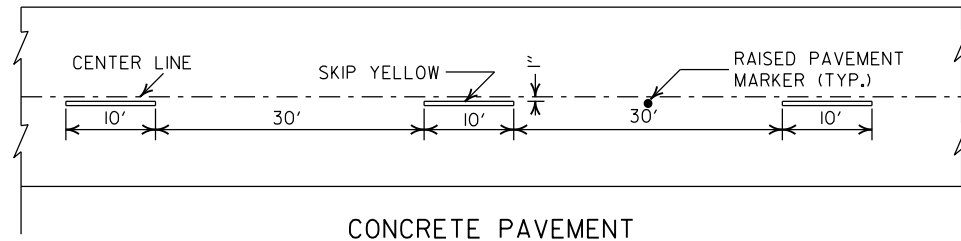
ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

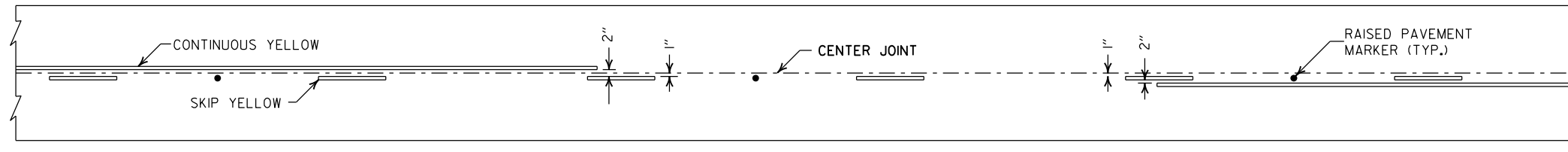
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DRAWING NO. 55065

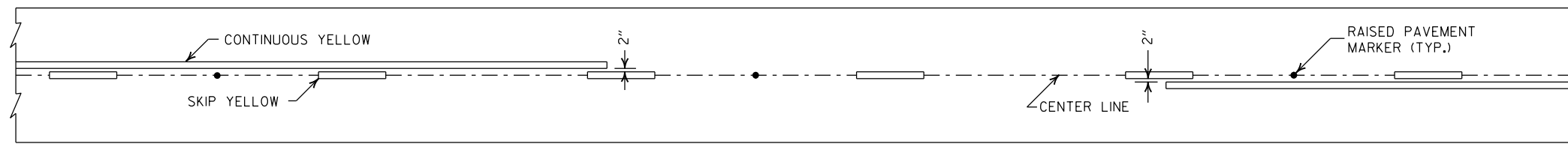




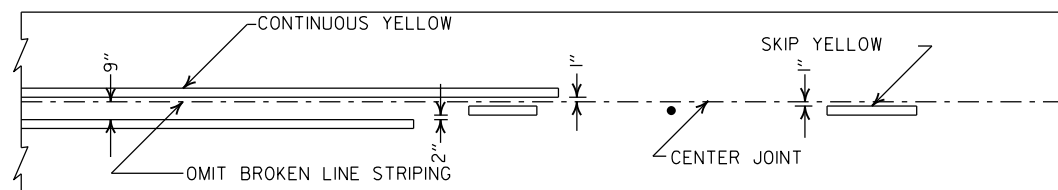
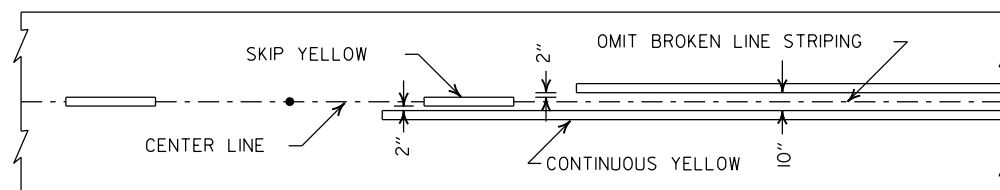
BROKEN LINE STRIPING



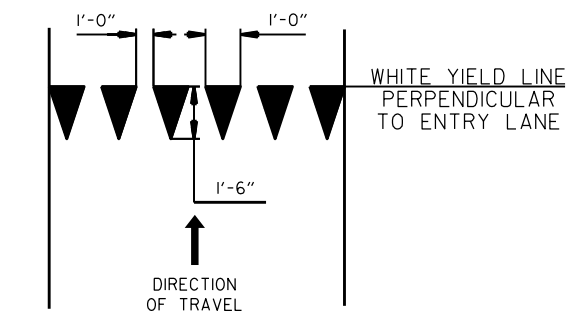
SOLID LINE STRIPING ON CONCRETE PAVEMENT



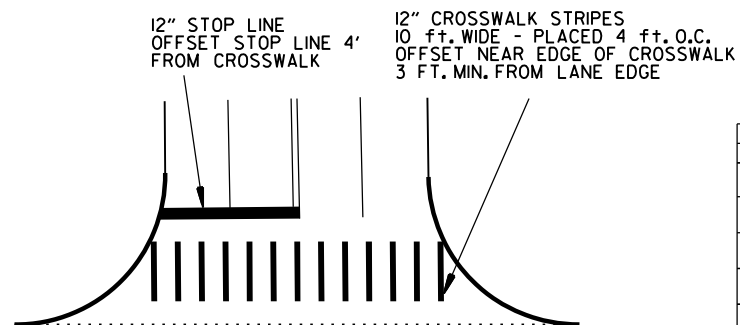
SOLID LINE STRIPING ON ASPHALT PAVEMENT



STRIPING AT ADJACENT NO PASSING LANES



YIELD LINE DETAIL

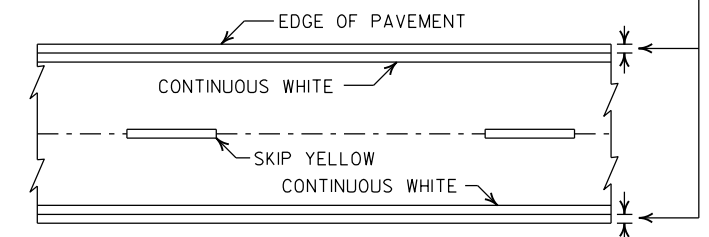


CROSSWALK AND STOP LINE DETAILS

NOTES:

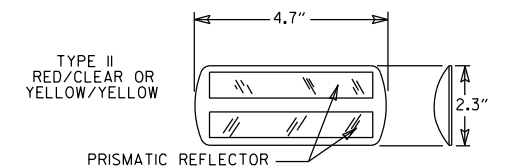
1. REFER TO THE STRIPING DETAILS FOR PAVEMENT MARKING LINE WIDTHS.
2. THIS DRAWING SHALL BE USED IN CONJUNCTION WITH THE LATEST REVISED ADDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
3. RAISED PAVEMENT MARKERS SHALL BE PLACED ON AN 80 FEET SPACING UNLESS OTHERWISE SHOWN IN THE PLANS.

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

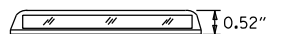


PAVEMENT EDGE LINE MARKING

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



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.



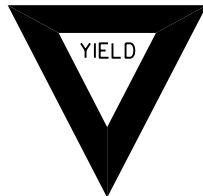
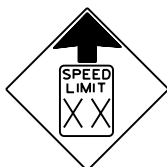
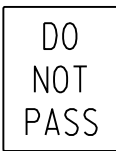
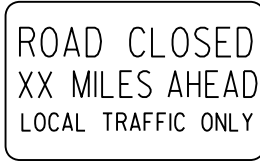
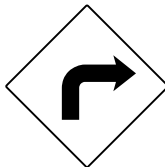
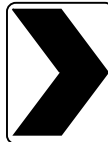
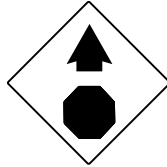
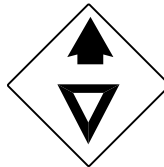
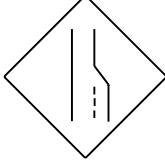
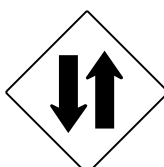
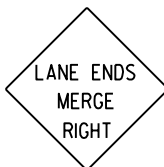
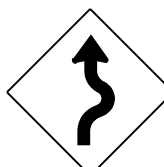
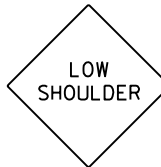
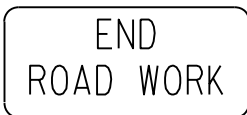
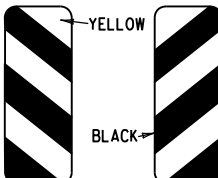
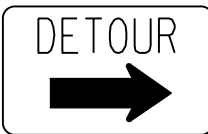
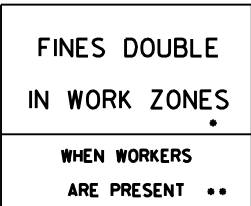
DETAIL OF STANDARD RAISED PAVEMENT MARKERS

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

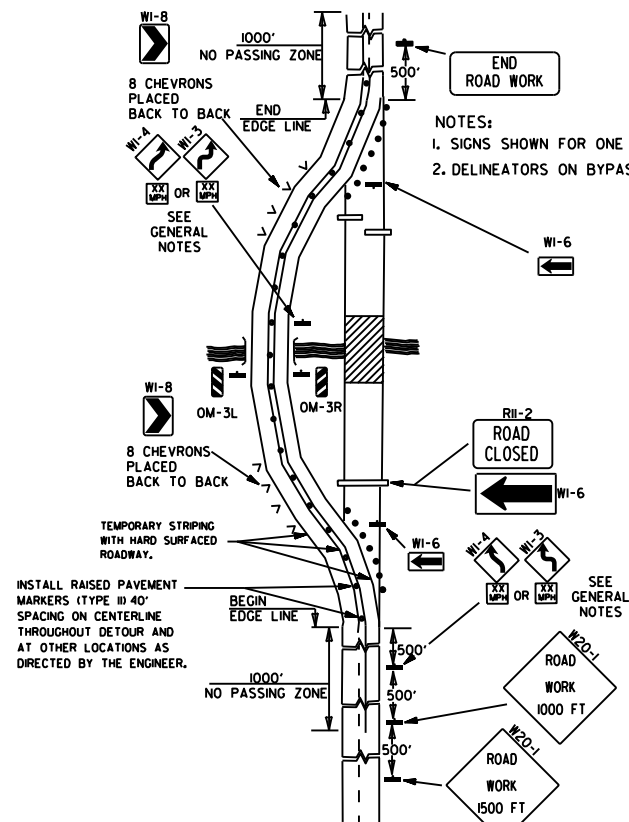
PAVEMENT MARKING DETAILS

STANDARD DRAWING PM-1

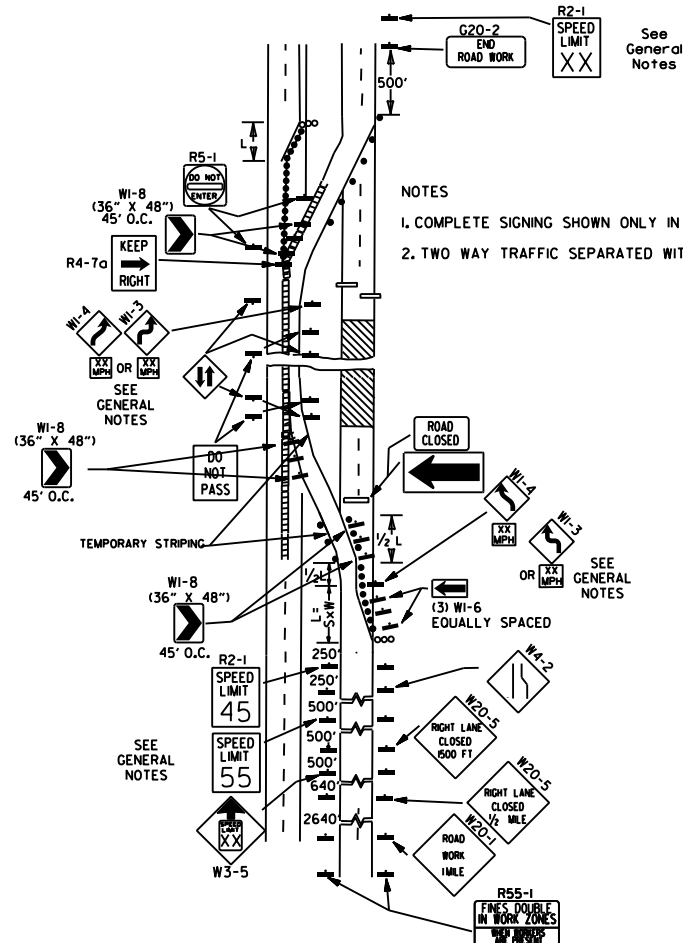
RI-I  STANDARD 30"x30" EXPRESSWAY 36"x36" SPECIAL 48"x48"	RI-2  STD. 36"x36"x36" EXPWY. 48"x48"x48" FWY. 60"x60"x60"	R2-I  STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"	W3-5  STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"	W3-5a  STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"	R4-I  STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"	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  YELLOW BLACK 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

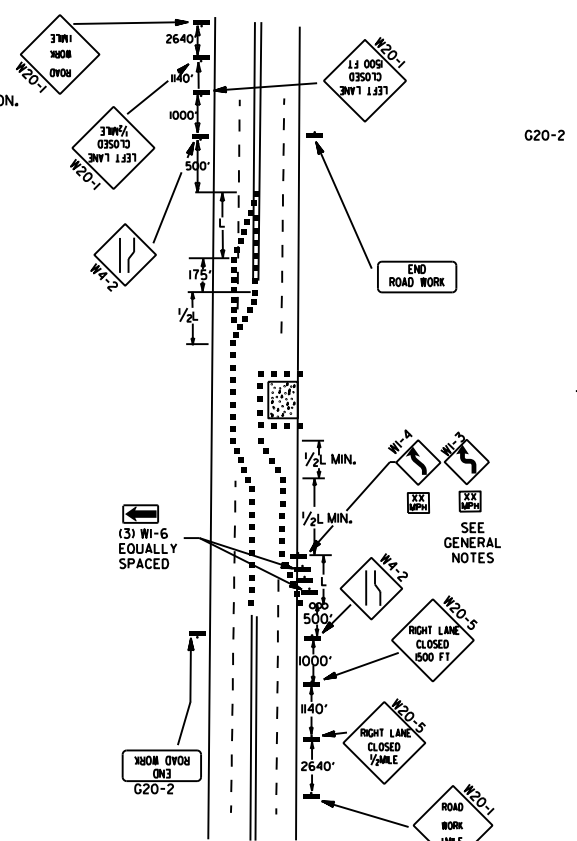
ARKANSAS STATE HIGHWAY COMMISSION
STANDARD TRAFFIC CONTROLS
FOR HIGHWAY CONSTRUCTION
STANDARD DRAWING TC-1



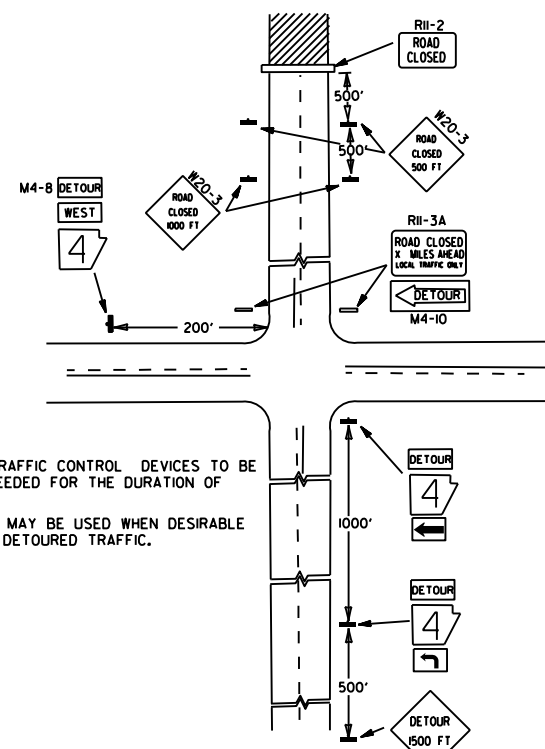
(A) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON A 2-LANE HIGHWAY WHERE THE ENTIRE ROADWAY IS CLOSED AND A BYPASS DETOUR IS PROVIDED.



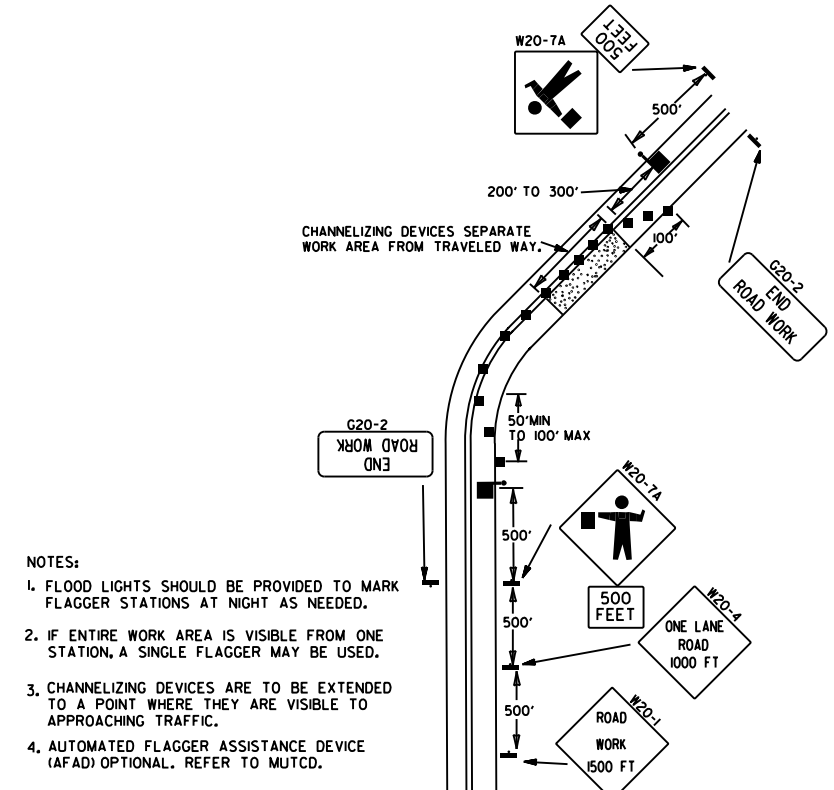
(B) TYPICAL APPLICATION - 4-LANE DIVIDED ROADWAY WHERE ONE ROADWAY IS CLOSED.



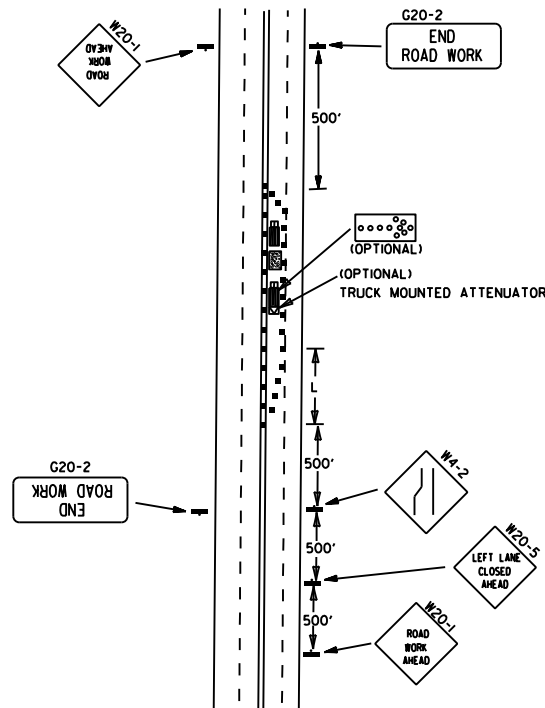
(C) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.



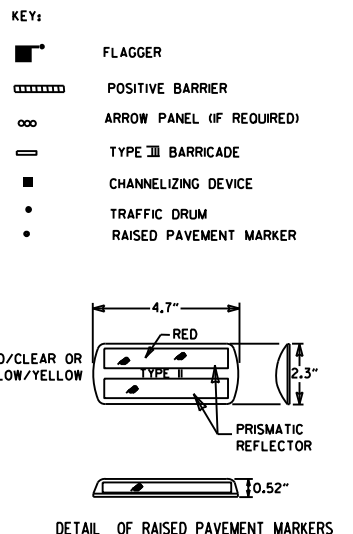
(D) TYPICAL APPLICATION - ROADWAY CLOSED BEYOND DETOUR POINT.



(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.

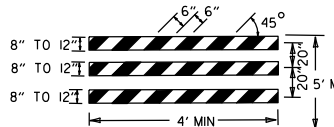
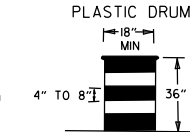
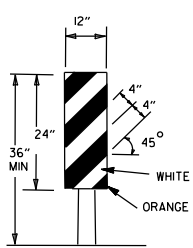
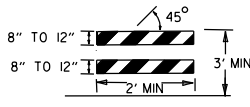
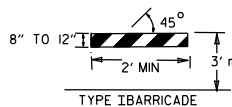
(B) TYPICAL APPLICATION - 3-LANE ONEWAY ROADWAY WHERE CENTER LANE IS CLOSED.

CHANNELIZING DEVICES



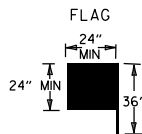
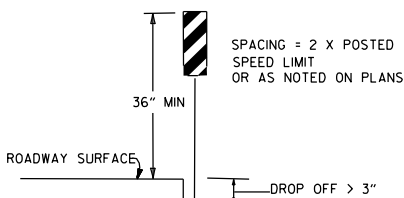
• WHEN CONES ARE USED ON FREEWAYS AND MULTI-LANE HIGHWAYS, THEY SHALL BE 28" MIN. DURING HOURS OF DARKNESS, 28" CONES SHALL BE USED ON ALL ROADWAYS, AND SHALL BE REFLECTORIZED IN ACCORDANCE WITH THE M.U.T.C.D.

CONES



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

VERTICAL PANEL PLACEMENT



FLAG SHALL BE OF GOOD GRADE RED MATERIAL

KEY:

- ○ ○ ○ ARROW PANEL (IF REQUIRED)
- CHANNELIZING DEVICE
- TRAFFIC DRUM

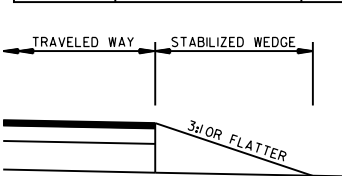
GENERAL NOTES:

- A SPEED LIMIT REDUCTION MAY BE IMPLEMENTED ONLY WHEN DESIGNATED IN THE PLAN OR WHEN RECOMMENDED BY THE ROADWAY DESIGN DIVISION.
- WHEN THE EXISTING SPEED LIMIT IS 55MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 45MPH, THE R2-(55) SHALL BE OMITTED AND THE W3-5 SHALL BE INSTALLED AT THAT LOCATION. ADDITIONAL R2-1(45MPH) SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/2 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
- WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 55MPH, THE R2-(65) SHALL BE OMITTED. ADDITIONAL R2-1(55MPH) SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1/2 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
- THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED LIMIT. BEYOND THE TAPER, MAXIMUM SPACING SHALL BE TWO TIMES THE SPEED LIMIT OR AS DIRECTED BY THE ENGINEER.
- WARNING LIGHTS AND/OR FLAGS MAY BE MOUNTED TO SIGNS OR CHANNELIZING DEVICES AT NIGHT AS NEEDED.
- PAVEMENT MARKINGS NO LONGER APPLICABLE WHICH MIGHT CREATE CONFUSION IN THE MINDS OF VEHICLE OPERATORS SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICABLE.
- THE G20-1 SIGN WILL BE REQUIRED ON JOBS OF OVER TWO MILES IN LENGTH. WHEN THE LANE CLOSURE IS NOT AT THE BEGINNING OF THE PROJECT, THE G20-1 SIGN SHALL BE ERECTED 125' IN ADVANCE OF THE JOB LIMIT. ADDITIONAL W20-1(1/2 MILE) SIGNS ARE NOT REQUIRED IN ADVANCE OF LANE CLOSURES THAT BEGIN INSIDE THE PROJECT LIMITS.
- FLAGGERS SHALL USE STOP/SLOW PADDLES FOR CONTROLLING TRAFFIC THROUGH WORK ZONES. FLAGS MAY BE USED ONLY FOR EMERGENCY SITUATIONS.
- ALL PLASTIC DRUMS AND CONES SHALL MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).
- TRAILER MOUNTED DEVICES SUCH AS ARROW PANELS AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE DELINEATED BY AFFIXING 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.
- 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).

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⁾
> 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	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

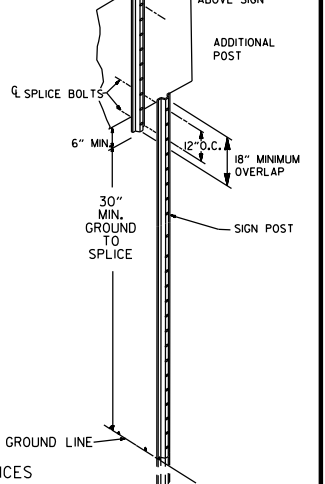
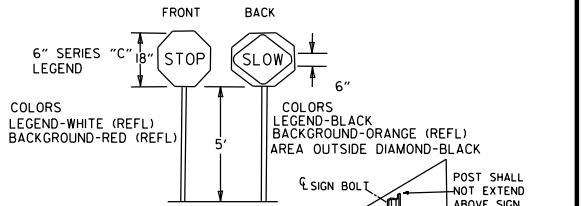


STABILIZED WEDGE

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

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

STOP SLOW PADDLE



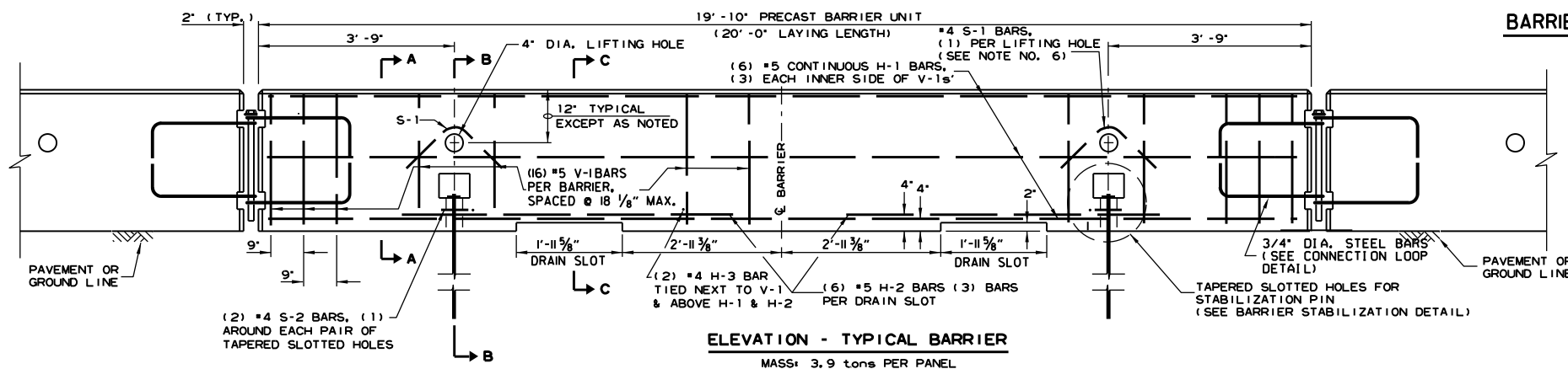
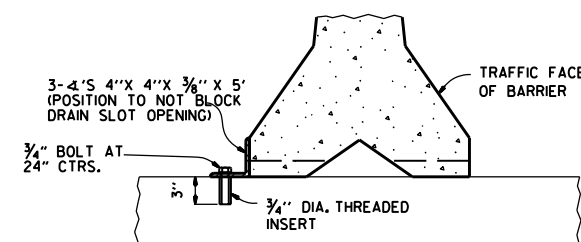
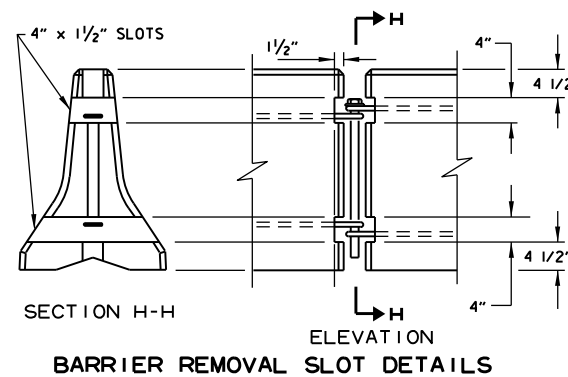
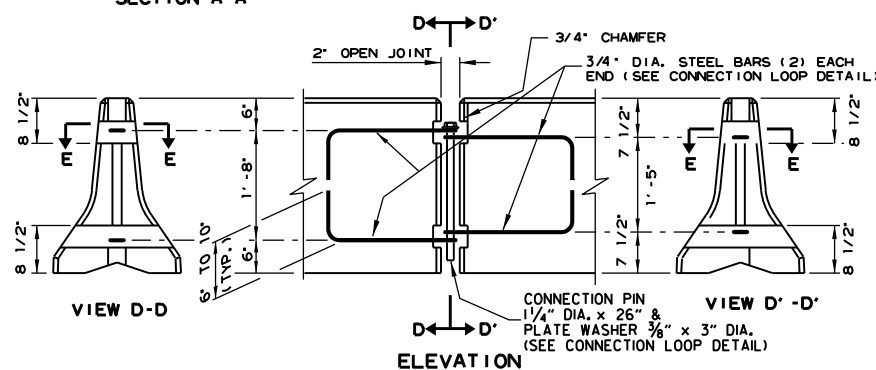
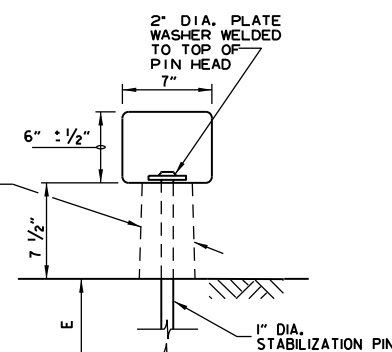
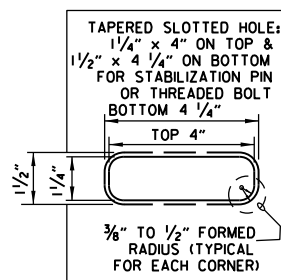
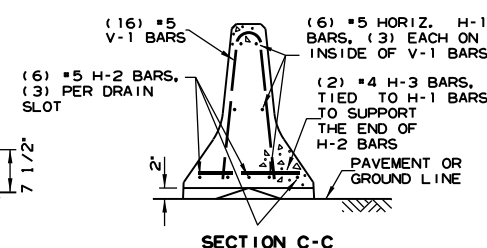
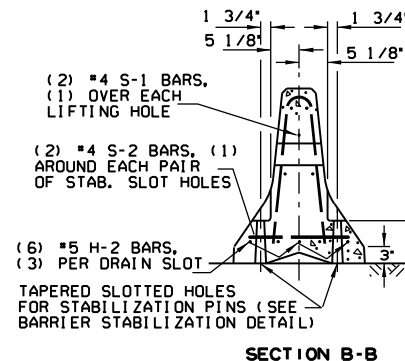
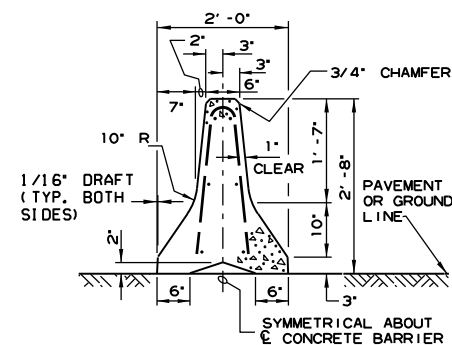
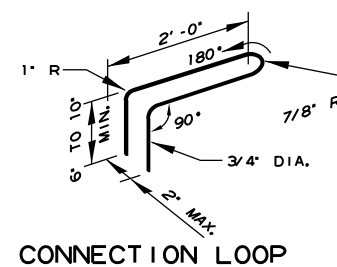
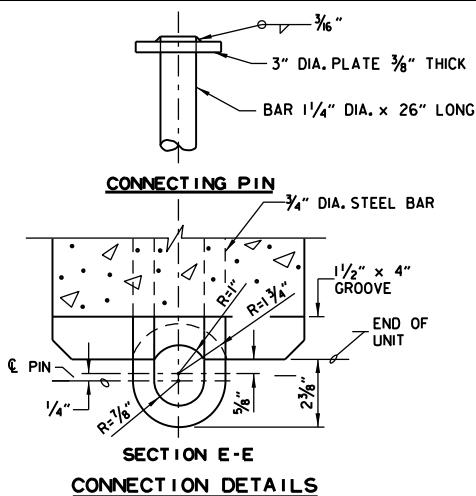
DETAIL OF SPLICES

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

REINFORCING BAR TABLE PER BARRIER UNIT				
MARK	LOCATION	BAR SIZE	(NO. BARS)	SKETCH
H-1	HORIZONTAL IN BARRIER TIED INSIDE V-1 BARS	#5	(6)	
H-2	CENTERED ABOVE DRAIN SLOTS LONG. & TRANSVERSELY	#5	(6)	
H-3	TIED ABOVE H-1 BARS TO SUPPORT H-2, TIED TO V-1	#4	(2)	
S-1	OVER LIFT HOLES	#4	(2)	
S-2	HORIZ. AROUND SLOTS BETWEEN V-1'S @ DRAIN SLOTS	#4	(2)	
V-1	VERTICAL IN BARRIER (3) EACH END & (2) AT EACH DRAIN SLOTS	#5	(16)	



- GENERAL NOTES
- ① THE CONTRACTOR SHALL FURNISH THE PRECAST CONCRETE BARRIER UNITS AND SHALL BE RESPONSIBLE FOR THE MANUFACTURE, SHIPMENT, STORAGE, PLACEMENT AND REMOVAL. AT THE COMPLETION OF THE PROJECT, THE PRECAST UNITS WILL REMAIN THE PROPERTY OF THE CONTRACTOR.
 - ② MATERIALS SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
CONCRETE: 2500 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
REINFORCING STEEL: AASHTO M 31 OR M 53, GRADE 60
STRUCTURAL STEEL: AASHTO-M270 GRADE 36 SHALL BE USED FOR THE CONNECTION PIN, CONNECTION LOOPS, AND STABILIZATION PINS. A ONE PIECE PIN WITH A 3" ROUNDED TOP MAY BE USED IN PLACE OF THE DETAILED CONNECTION PIN.
DELINEATORS: DELINEATORS SHALL BE MOUNTED AT 10' SPACING ON TOP OF PRECAST BARRIER.
 - IN APPLICATIONS WHERE BARRIER WALL IS WITHIN 6 FEET OF A TRAFFIC LANE, ADDITIONAL DELINEATORS SHALL BE PLACED ON THE BARRIER AT 10' SPACING APPROXIMATELY ONE (1) FOOT FROM THE TOP OF THE BARRIER. DELINEATORS SHALL BE ON THE ADJUT QUALIFIED PRODUCTS LIST FOR CONSTRUCTION CONCRETE BARRIER MARKERS.
DELINEATOR COLOR SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
PAYMENT FOR DELINEATORS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID PER LIN.FT. FOR "FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER".
THE CONTRACTOR SHALL CERTIFY TO THE ENGINEER THAT THE MATERIAL AND THE DESIGN USED IN THE PRECAST BARRIER UNITS MEETS THE REQUIREMENTS AS SHOWN ON THIS STANDARD DRAWING.
 - ③ OTHER PRECAST CONCRETE BARRIERS THAT HAVE BEEN CRASH TESTED AND APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION TO MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) WILL BE ACCEPTED IN LIEU OF THE BARRIER SHOWN. DRAIN SLOTS SHALL BE PROVIDED AS NEEDED OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH A CERTIFICATION OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) COMPLIANCE FOR ANY OTHER TYPES OF PRECAST BARRIER TO BE USED. THE CERTIFICATION SHALL STATE THAT THE PRECAST CONCRETE BARRIER MEETS THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH). MIXING OF SHAPES WILL NOT BE ALLOWED IN A CONTINUOUS LINE OF UNITS.
 - ④ DOWEL HOLES IN PAVEMENT OR BRIDGE SLABS THAT ARE TO REMAIN IN PLACE SHALL BE FILLED. HOLES IN CONCRETE PAVEMENT AND BRIDGE SLABS SHALL BE FILLED WITH AN APPROVED NON-SHRINK EPOXY GROUT. HOLES IN ASPHALT PAVEMENT SHALL BE FILLED WITH AN APPROVED ASPHALT JOINT FILLER. PAYMENT FOR DRILLING AND FILLING HOLES TO BE INCLUDED IN THE PRICE FOR VARIOUS BARRIER ITEMS.
 - ⑤ ATTACH UNITS TO ROADWAY SURFACE WITH STABILIZATION PINS AND TO DECK SLABS USING BOLTS WHEN REQUIRED.
 - ⑥ A 4" WHITE PVC SLEEVE MAY BE USED TO FORM THE LIFTING HOLE AND IF THE SLEEVE IS TO BE LEFT IN PLACE.

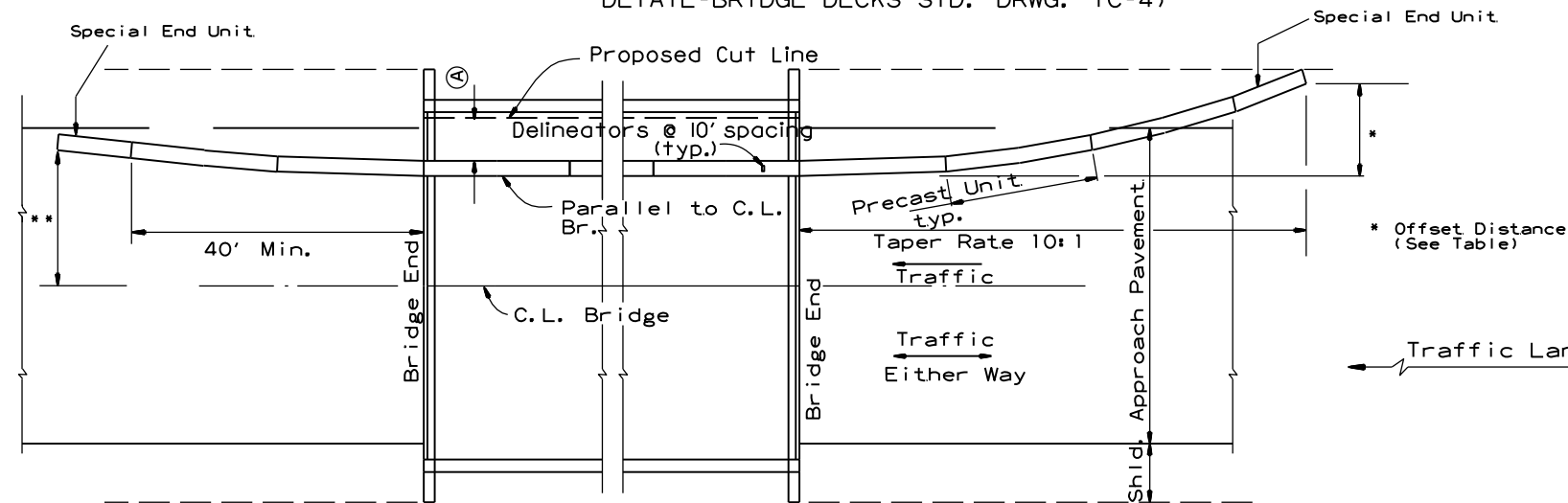
11-07-19	REVISED NOTE 3	
2-27-14	REVISED BARRIER STABILIZATION DETAIL	
10-15-09	ADDED REFERENCE TO MASH	
8-5-09	REV. NOTE 3 CONCERNING DRAIN SLOTS	
11-29-07	REVISED NOTE 3	
5-25-06	DELETED GENERAL NOTE 7	
11-18-04	REVISED BARRIER STABILIZATION DETAIL BRIDGE DECKS	
4-10-03	REVISED GENERAL NOTE 2	
8-22-02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

ARKANSAS STATE HIGHWAY COMMISSION

STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION - TEMPORARY PRECAST BARRIER

STANDARD DRAWING TC-4

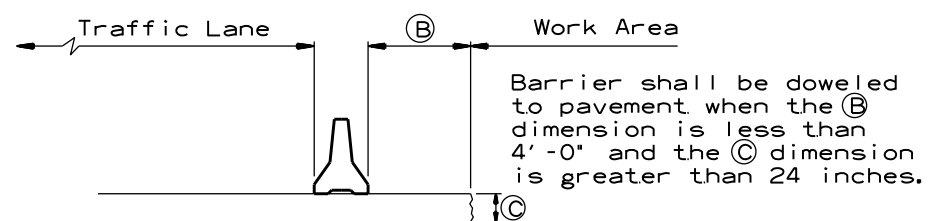
(A) 4 feet or greater preferred. If less than 4 feet, Precast Units shall be connected to slab (SEE BARRIER STABILIZATION DETAIL-BRIDGE DECKS STD. DRWG. TC-4)



BARRIER PLACEMENT ALONG BRIDGE WITH OFFSET

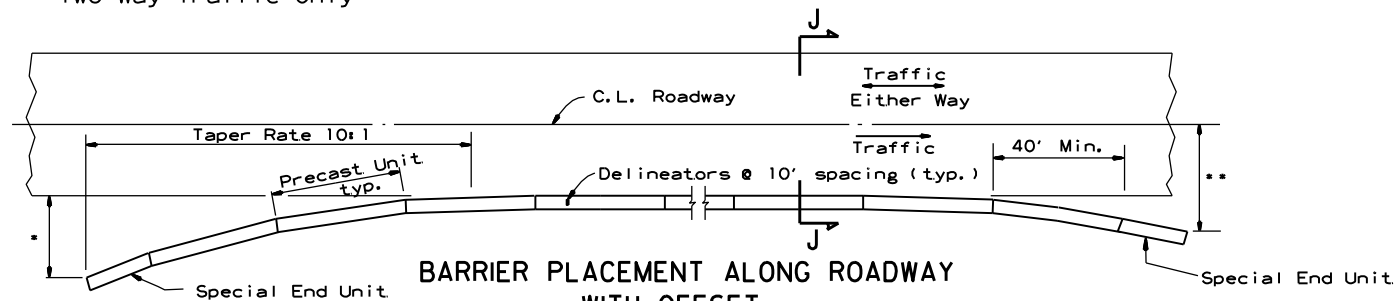
No Scale

** Offset Distance for Two Way Traffic Only



SECTION J-J

No Scale



BARRIER PLACEMENT ALONG ROADWAY WITH OFFSET

No Scale

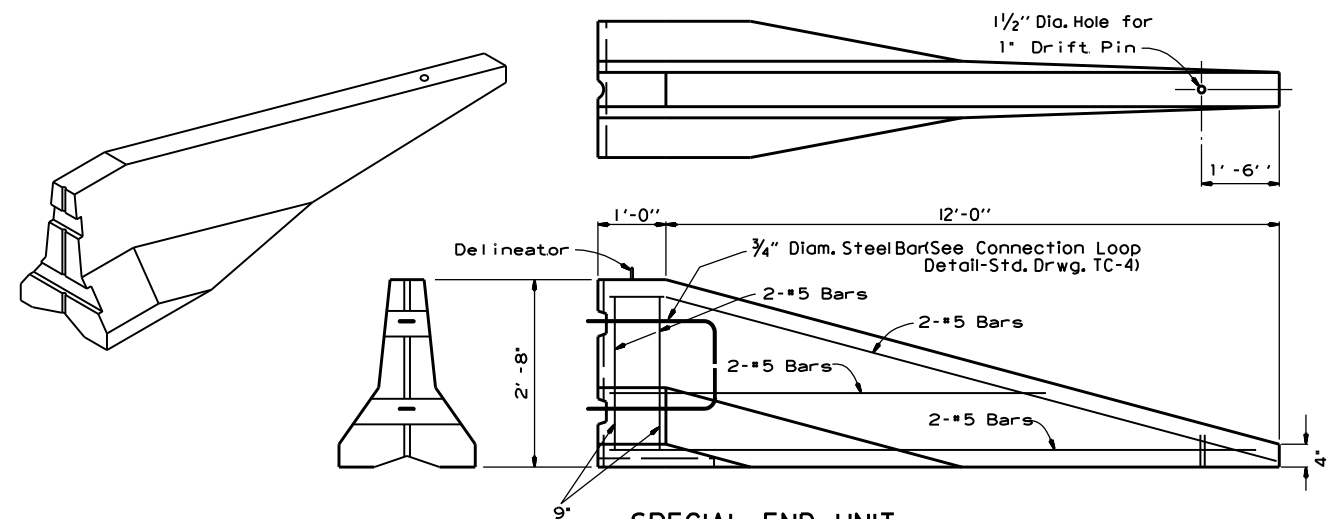
* Offset Distance (See Table)

** Offset Distance For Two Way Traffic Only

Offset Distance Table

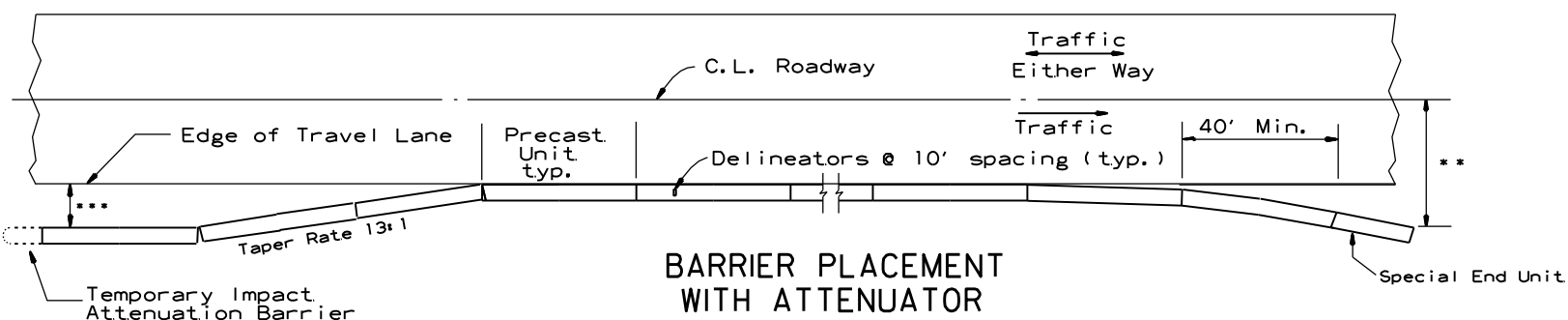
Speed (MPH)	Offset Distance (FT.)
≤ 45	12
> 45	18

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



SPECIAL END UNIT

No Scale



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

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	
			STANDARD DRAWING TC-5	
11-07-19	REVISED NOTE			
10-15-09	ADDED REFERENCE TO MASH			
5-25-06	REVISED BARRIER PLACEMENT			
8-22-02	ISSUED NEW DRAWING			
DATE	REVISION	FILMED		