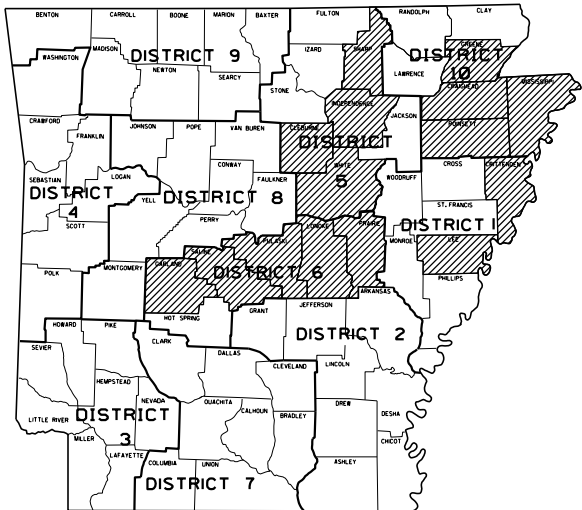


DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	1	51
DISTRICTS 1, 5, 6 & 10 BRIDGE PRESERVATION (2022) (S)						

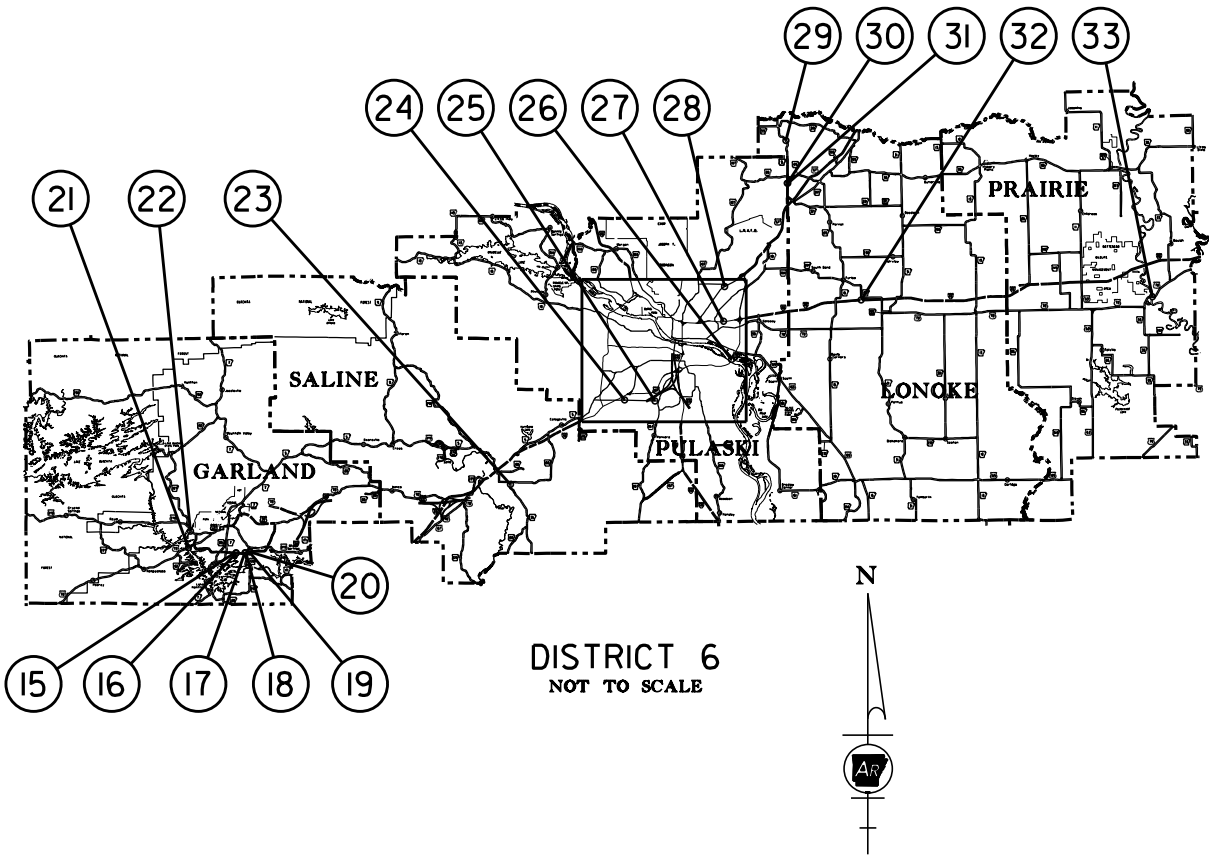
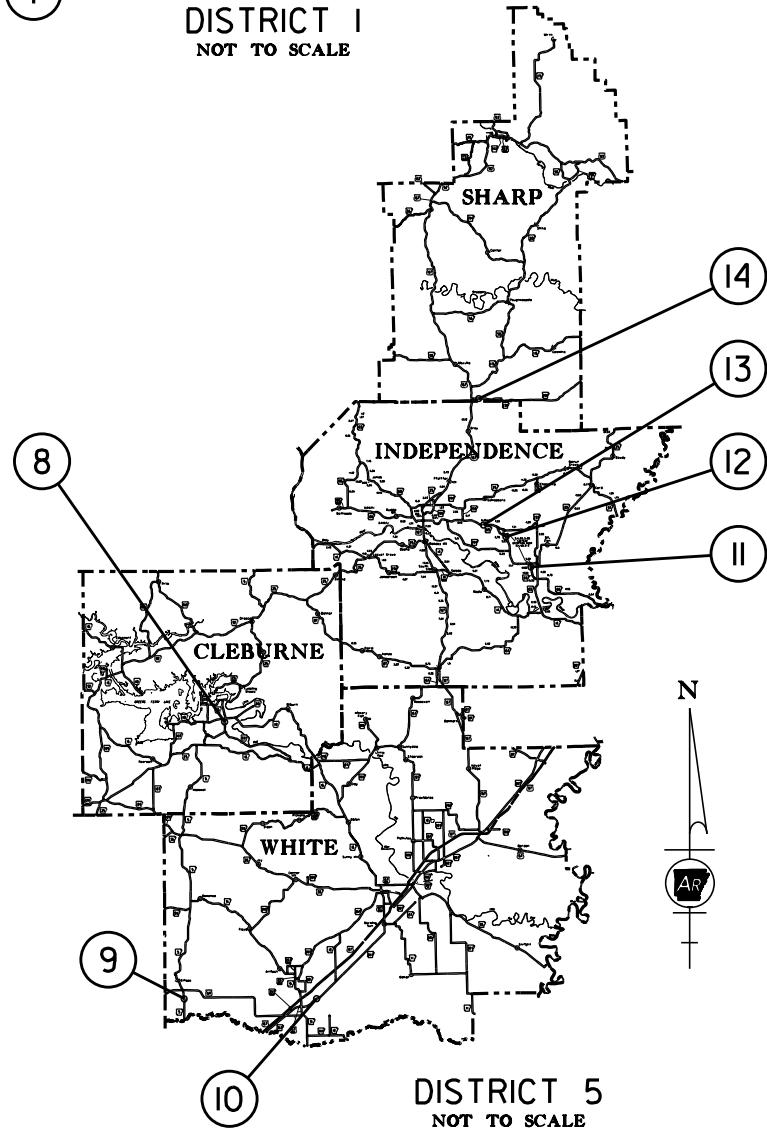
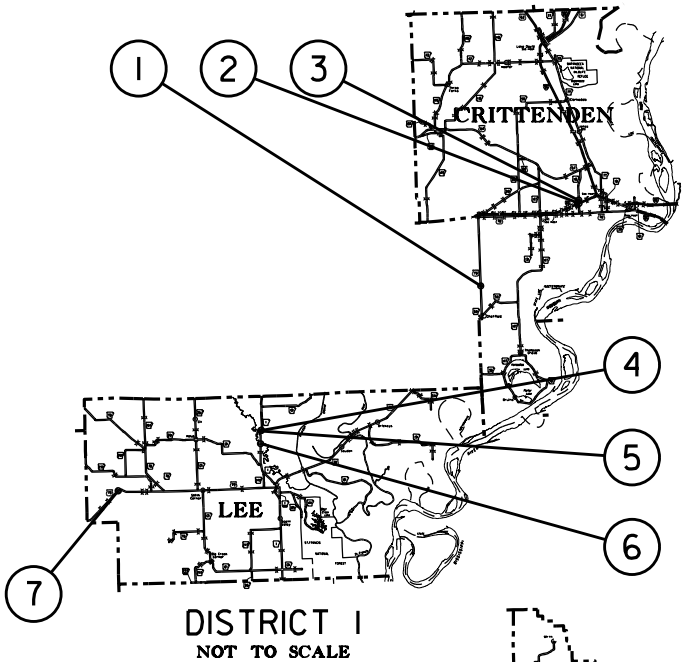
ARKANSAS DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLANS

DISTRICTS 1, 5, 6 & 10 BRIDGE
PRESERVATION (2022) (S)
VARIOUS COUNTIES
JOB 012406

FED. AID PROJ. NHPP-0076(266)

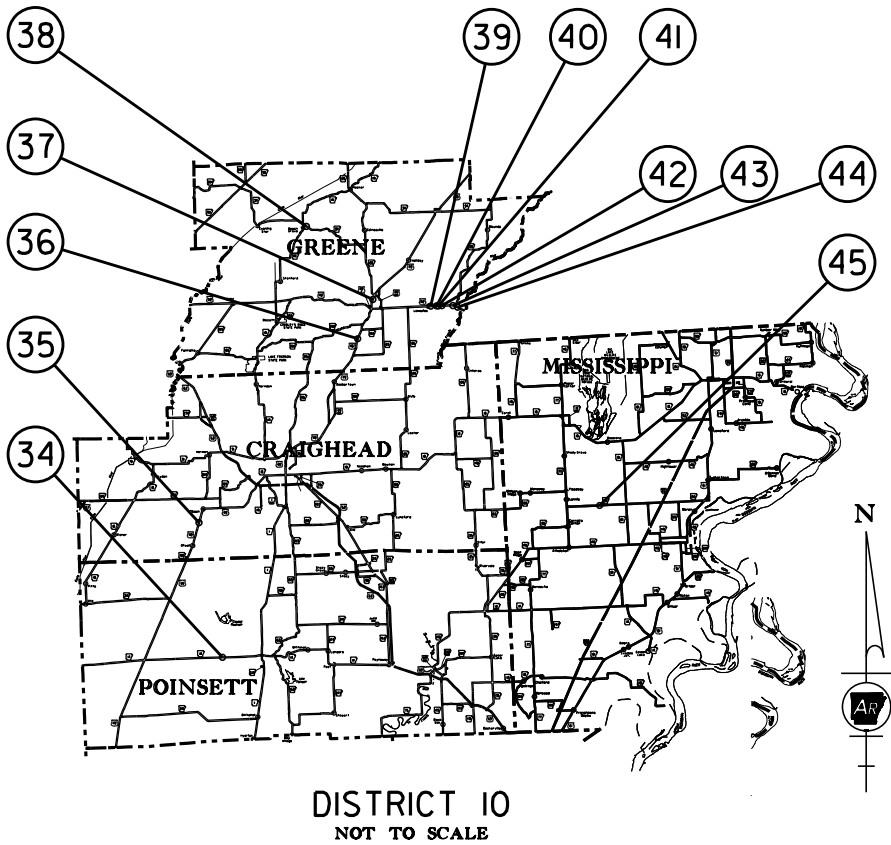


ARKANSAS HIGHWAY DISTRICTS 1, 5, 6 & 10



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

LENGTH CALCULATED ALONG C. L. BRIDGES			
NET LENGTH OF ROADWAY	00000.00 FEET	0.000 MILES	
NET LENGTH OF BRIDGES	18907.63 FEET	3.581 MILES	
NET LENGTH OF PROJECT	18907.63 FEET	3.581 MILES	



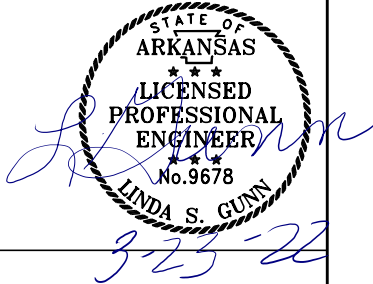
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REVISED DATE: \$*REVIDATE\$*

LEGEND

 POLYMER OVERLAY

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	2	51
BRIDGE DATA						



BRIDGE DATA

1 HWY. 79, SEC. 18
LOG MILE 2.774 BR. END
OVER CUTOFF BAYOU
347' - 9 3/4" BRIDGE NO. 06795
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

2 HWY. 118, SEC. 4
LOG MILE 3.280 BR. END
OVER I-40/SEC-52
442' - 4 7/8" BRIDGE NO. 07026
84' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

3 HWY. 118, SEC. 4
LOG MILE 3.018 BR. END
OVER TEN MILE BAYOU CUTOFF
120' - 0" BRIDGE NO. 07032
64' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

4 HWY. 1, SEC. 10
LOG MILE 3.433 BR. END
OVER U.P. R.R.
357' - 8 1/4" BRIDGE NO. A7043
38' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

5 HWY. 1, SEC. 10
LOG MILE 5.949 BR. END
OVER U.P. R.R.
357' - 8 1/4" BRIDGE NO. B7043
38' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

6 HWY. 1, SEC. 10
LOG MILE 4.609 BR. END
OVER L 'ANGUILLE RIVER
549' - 2" BRIDGE NO. 07042
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

7 HWY. 79, SEC. 15
LOG MILE 4.289 BR. END
OVER WALNUT LAKE/BIG CREEK
307' - 2 1/2" BRIDGE NO. 06978
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

8 HWY. 25, SEC. 3
LOG MILE 3.959 BR. END
OVER SULPHUR CREEK
152' - 4 7/8" BRIDGE NO. 06297
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

9 HWY. 5, SEC. 13
LOG MILE 2.045 BR. END
OVER LITTLE CYPRESS CREEK
84' - 0" BRIDGE NO. 05242
34' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

10 HWY. 367, SEC. 15
LOG MILE 6.079 BR. END
OVER BULL BAYOU
252' - 3 5/8" BRIDGE NO. 06797
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

11 HWY. 69, SEC. 3
LOG MILE 13.840 BR. END
OVER MISSOURI & N. ARKANSAS R.R.
907' - 9 1/4" BRIDGE NO. 06771
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

12 HWY. 69, SEC. 3
LOG MILE 9.212 BR. END
OVER SULPHUR SPRINGS CREEK
105' - 0" BRIDGE NO. 05857
30' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

13 HWY. 69, SEC. 3
LOG MILE 6.445 BR. END
OVER MISSOURI & N. ARKANSAS R.R.
146' - 1" BRIDGE NO. 05858
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

14 HWY. 230, SEC. 1
LOG MILE 0.703 BR. END
OVER ROLLING FORK CREEK
92' - 9 3/4" BRIDGE NO. 06849
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

15 HWY. 270, SEC. 6
LOG MILE 8.014 BR. END
OVER HOT SPRINGS CREEK
347' - 6 5/8" BRIDGE NO. A6426
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

16 HWY. 270, SEC. 6
LOG MILE 0.895 BR. END
OVER HOT SPRINGS CREEK
347' - 6 5/8" BRIDGE NO. B6426
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

17 HWY. 270, SEC. 6
LOG MILE 7.054 BR. END
OVER SHADY GROVE RD.
154' - 2 5/8" BRIDGE NO. A6427
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

18 HWY. 270, SEC. 6
LOG MILE 1.862 BR. END
OVER SHADY GROVE RD.
154' - 2 5/8" BRIDGE NO. B6427
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

19 HWY. 270, SEC. 6
LOG MILE 6.673 BR. END
OVER SH 128
259' - 2 1/4" BRIDGE NO. A6493
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

20 HWY. 270, SEC. 6
LOG MILE 2.239 BR. END
OVER SH 128
259' - 2 1/4" BRIDGE NO. B6493
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

21 HWY. 70, SEC. 8
LOG MILE 14.457 BR. END
OVER LAKE HAMILTON
1410' - 0" BRIDGE NO. 05872
64' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

22 HWY. 270, SEC. 5
LOG MILE 17.455 BR. END
OVER BULL BAYOU
162' - 0 3/4" BRIDGE NO. 01093
50' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

23 HWY. 35, SEC. 1
LOG MILE 2.658 BR. END
OVER DEPOT CREEK
252' - 3 5/8" BRIDGE NO. 07089
52' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

24 HWY. 338, SEC. 1
LOG MILE 3.010 BR. END
OVER U.P. R.R.
403' - 11 9/16" BRIDGE NO. 06827
50' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

25 HWY. 338, SEC. 1
LOG MILE 6.221 BR. END
OVER LITTLE FOURCHE CREEK
140' - 0" BRIDGE NO. 05943
46' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

26 I-440, SEC. 1
LOG MILE 5.747 BR. END
OVER ARKANSAS RIVER
4190' - 0" BRIDGE NO. 05705
112' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

27 I-40 (O.P.), SEC. 0
LOG MILE 0.461 BR. END
OVER I-40
216' - 2 7/8" BRIDGE NO. 03195
26' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

28 HWY. 176, SEC. 2
LOG MILE 2.901 BR. END
OVER HWY. 67 (O.P.)
318' - 2" BRIDGE NO. 07053
58' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

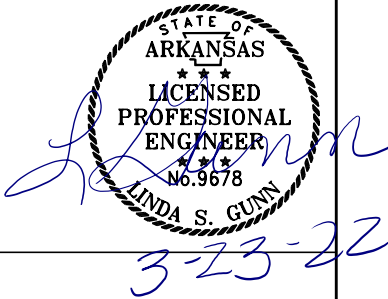
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REVISED DATE: **REDATE**

LEGEND

 POLYMER OVERLAY

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	3	51
BRIDGE DATA						



BRIDGE DATA

- 29

HWY. 5, SEC. 12
LOG MILE 6.382 BR. END
OVER MAGNESS CREEK
84' - 0" BRIDGE NO. 05239
34' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 30

HWY. 5, SEC. 12
LOG MILE 6.959 BR. END
OVER TWO PRAIRE BAYOU
106' - 0" BRIDGE NO. A7017
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 31

HWY. 5, SEC. 12
LOG MILE 2.077 BR. END
OVER TWO PRAIRE BAYOU
106' - 0" BRIDGE NO. B7017
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 32

I-40 (O.P.), SEC. 0
LOG MILE 0.279 BR. END
OVER I-40
226' - 3 5/8" BRIDGE NO. 03225
20' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 33

HWY. 70, SEC. 16
LOG MILE 14.725 BR. END
OVER WHITE RIVER
3302' - 2" BRIDGE NO. 06675
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 34

HWY. 14, SEC. 13
LOG MILE 13.839 BR. END
OVER L 'ANGUILLE RIVER
152' - 1" BRIDGE NO. 06150
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 35

HWY. 49, SEC. 4
LOG MILE 8.204 BR. END
OVER BLACK FORK DITCH
75' - 0" BRIDGE NO. 06012
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

- 36

HWY. 49, SEC. 2
LOG MILE 20.376 BR. END
OVER VILLAGE CREEK
165' - 1 5/8" BRIDGE NO. 06501
70' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 37

HWY. 49, SEC. 2
LOG MILE 16.082 BR. END
OVER EIGHT MILE CREEK
213' - 0 3/4" BRIDGE NO. 07086
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 38

HWY. 34, SEC. 3
LOG MILE 9.718 BR. END
OVER LICK CREEK
107' - 0" BRIDGE NO. 06253
30' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 39

HWY. 412, SEC. 9
LOG MILE 4.949 BR. END
OVER JOHNSON CREEK
91' - 0 1/4" BRIDGE NO. 07038
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 40

HWY. 412, SEC. 9
LOG MILE 5.509 BR. END
OVER LOCUST CREEK RELIEF
91' - 0" BRIDGE NO. 07039
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 41

HWY. 412, SEC. 9
LOG MILE 5.703 BR. END
OVER LOCUST CREEK
143' - 0" BRIDGE NO. 07040
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 42

HWY. 412, SEC. 9
LOG MILE 6.045 BR. END
OVER MUD SLOUGH
91' - 0" BRIDGE NO. 07041
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

- 43

HWY. 412, SEC. 9
LOG MILE 7.089 BR. END
OVER BIG SLOUGH
462' - 2" BRIDGE NO. 06971
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 44

HWY. 412, SEC. 9
LOG MILE 7.648 BR. END
OVER ST. FRANCIS RIVER RELIEF
462' - 2" BRIDGE NO. 06972
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 45

HWY. 158, SEC. 1
LOG MILE 11.584 BR. END
OVER KOCHTITZKY DITCH
193' - 6 1/4" BRIDGE NO. 06461
30' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

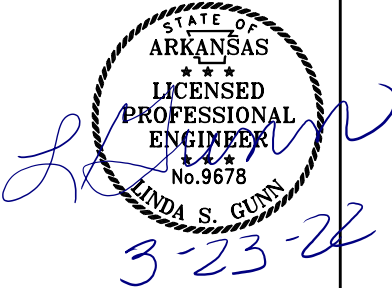
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REVISED DATE: **REVIDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	4	51
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 - 23	TYPICAL SECTIONS OF IMPROVEMENT		
24 - 28	SPECIAL DETAILS		
29 - 37	MAINTENANCE OF TRAFFIC DETAILS		
38 - 42	PERMANENT PAVEMENT MARKING DETAILS		
43 - 46	QUANTITIES		
47	SCHEDULE OF BRIDGE QUANTITIES – DISTRICTS 1, 5, 6, & 10	ALL BRIDGES	65097
48	SUMMARY OF QUANTITIES AND REVISIONS		
49	BRIDGE PRESERVATION DATA TABLE – DISTRICTS 1 & 5	DISTRICTS 1 & 5 BRIDGES	65098
50	BRIDGE PRESERVATION DATA TABLE – DISTRICT 6	DISTRICT 6 BRIDGES	65099
51	BRIDGE PRESERVATION DATA TABLE – DISTRICT 10	DISTRICT 10 BRIDGES	65100



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

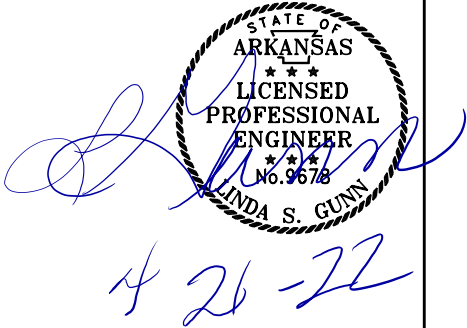
ROADWAY STANDARD DRAWINGS

DRWG.NO.	TITLE	DATE
PM-1	PAVEMENT MARKING DETAILS	02-27-20
PM-2	PERMANENT PAVEMENT MARKING ON ACCESS CONTROLLED ROADWAYS	05-14-20
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
04-21-22		6	ARK.	012406	5	51

GOVERNING SPECIFICATIONS & GENERAL NOTES



GENERAL NOTES

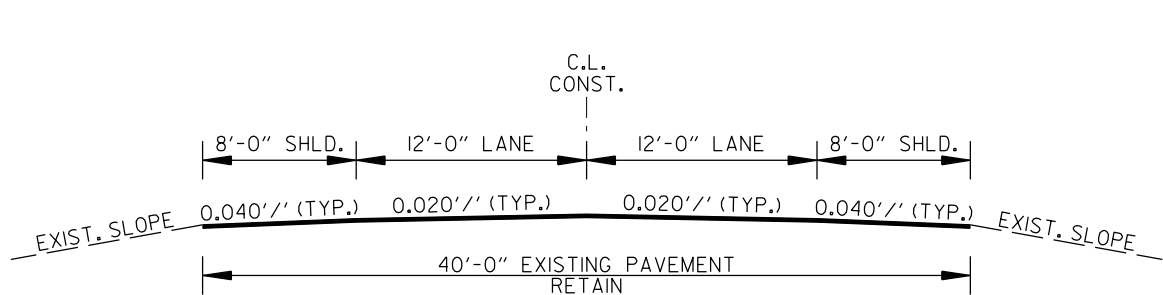
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING U.S. MAILBOXES WITHIN THE PROJECT LIMITS IN SUCH A MANNER THAT THE PUBLIC MAY RECEIVE CONTINUED MAIL SERVICE. PAYMENT WILL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS BID ITEMS.
- ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA 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.
- 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.
- BRIDGE PRESERVATION PROJECTS AND PAVEMENT PRESERVATION PROJECTS ARE ONGOING SIMULTANEOUSLY IN ALL DISTRICTS IN ARKANSAS. THE CONTRACTOR SHALL COORDINATE THE WORK SCHEDULE AND PRIORITIZE BRIDGE REHABILITATION IF AND WHERE DIRECTED BY THE ENGINEER IN THE DISTRICT IN ORDER FOR THE BRIDGE REHABILITATION TO BE COMPLETED BEFORE THE ASSOCIATED PAVEMENT PRESERVATION PROJECT BEGINS WORK. THERE SHALL BE NO DIRECT PAYMENT FOR FULFILLING THIS REQUIREMENT, BUT PAYMENT WILL BE CONSIDERED INCLUDED IN THE PRICE BID FOR THE VARIOUS CONTRACT ITEMS.

GOVERNING SPECIFICATIONS

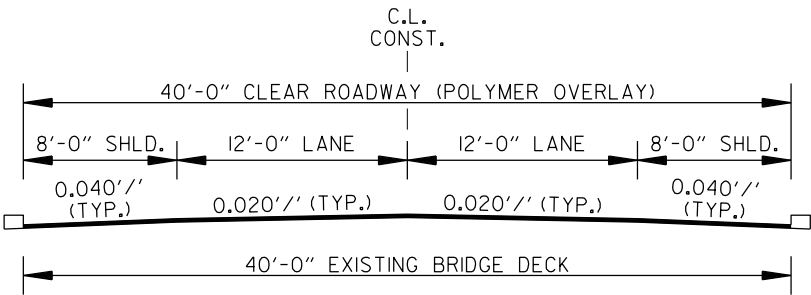
ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS:

NUMBER	TITLE
ERRATA	ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS
FHWA-1273	REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - NOTICE TO CONTRACTORS
FHWA-1273	SUPPLEMENT - SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES (23 U.S.C. 140)
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - GOALS AND TIMETABLES
FHWA-1273	SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - FEDERAL STANDARDS
FHWA-1273	SUPPLEMENT - 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
802-4	CEMENT
804-2	REINFORCING STEEL FOR STRUCTURES
JOB 012406	ASSESSMENT OF WORKING DAYS – MAINTENANCE OF TRAFFIC
JOB 012406	BIDDING REQUIREMENTS AND CONDITIONS
JOB 012406	BRIDGE DECK REPAIR FOR POLYMER OVERLAYS
JOB 012406	BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
JOB 012406	CARGO PREFERENCE ACT REQUIREMENTS
JOB 012406	COLD MILLING - COUNTY PROPERTY
JOB 012406	COORDINATION OF WORK
JOB 012406	DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILITIES
JOB 012406	ENHANCED THERMOPLASTIC PAVEMENT MARKING
JOB 012406	GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
JOB 012406	INSURANCE, CONSTRUCTION, AND FLAGGING REQUIREMENTS ON RAILROAD PROPERTY (G&W-MNA)
JOB 012406	INSURANCE, CONSTRUCTION, AND FLAGGING REQUIREMENTS ON RAILROAD PROPERTY (UPRR)
JOB 012406	JOINT REHABILITATION FOR BRIDGE DECKS
JOB 012406	LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
JOB 012406	LONGITUDINAL JOINT DENSITIES FOR ACHM SURFACE COURSES
JOB 012406	MAINTENANCE OF TRAFFIC
JOB 012406	MANDATORY ELECTRONIC CONTRACT
JOB 012406	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB 012406	NESTING SITES OF MIGRATORY BIRDS
JOB 012406	PARTNERING REQUIREMENTS
JOB 012406	POLYMER OVERLAY
JOB 012406	PORTABLE TRAFFIC SIGNAL SYSTEM
JOB 012406	PRICE ADJUSTMENT FOR ASPHALT BINDER
JOB 012406	PROHIBITION OF CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICE OR EQUIPMENT
JOB 012406	SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB 012406	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
JOB 012406	VALUE ENGINEERING
JOB 012406	WARM MIX ASPHALT

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	6	51
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY
(SHOWN FOR MOT)



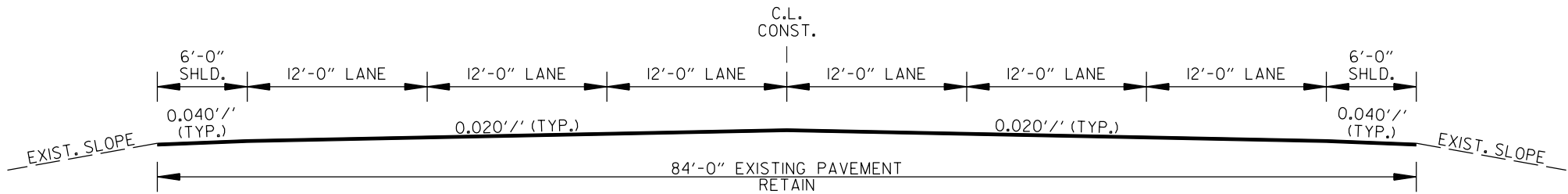
2 LANE BRIDGE

40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

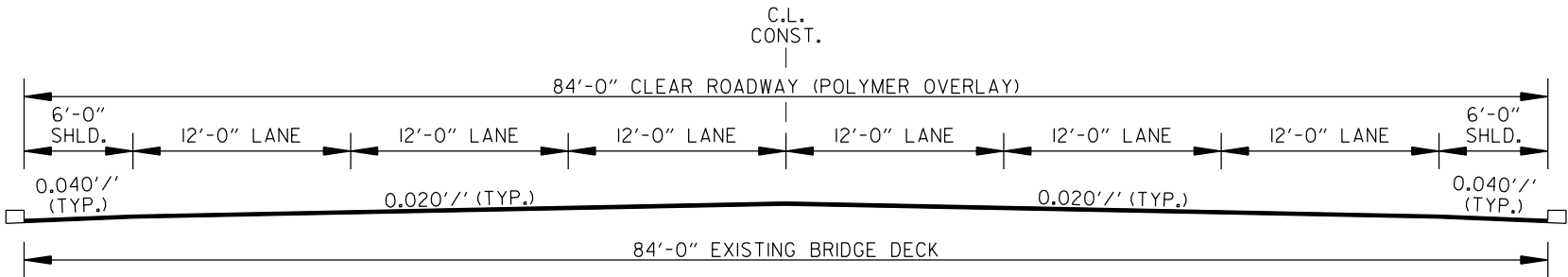
① - BR NO. 06795 - HWY. 79

NOTE:

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



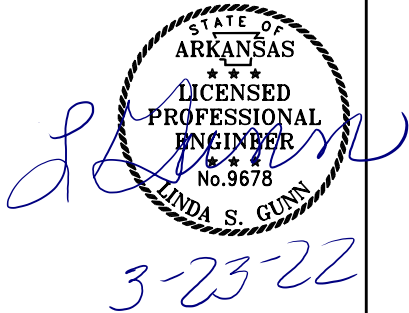
6 LANE ROADWAY
(SHOWN FOR MOT)



6 LANE BRIDGE (I-40 OVERPASS)

84 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

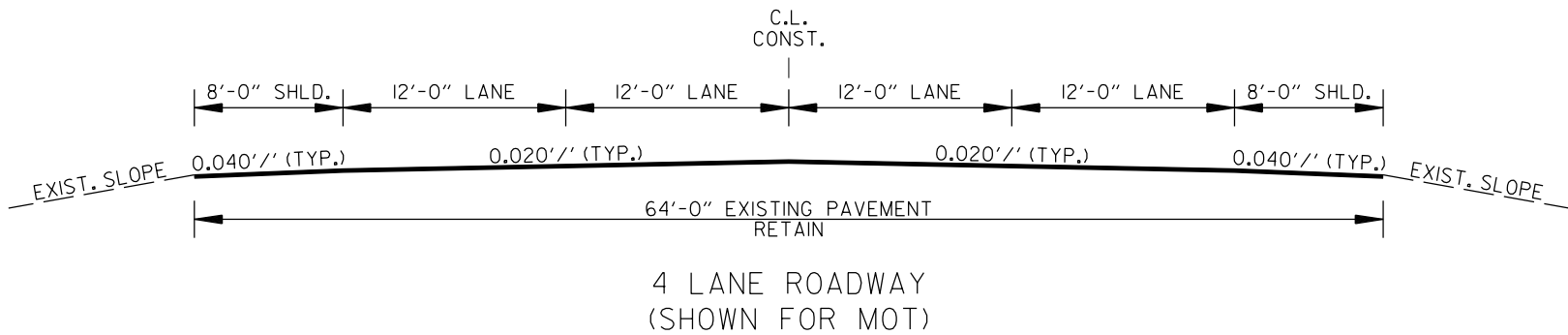
② - BR NO. 07026 - HWY. 118



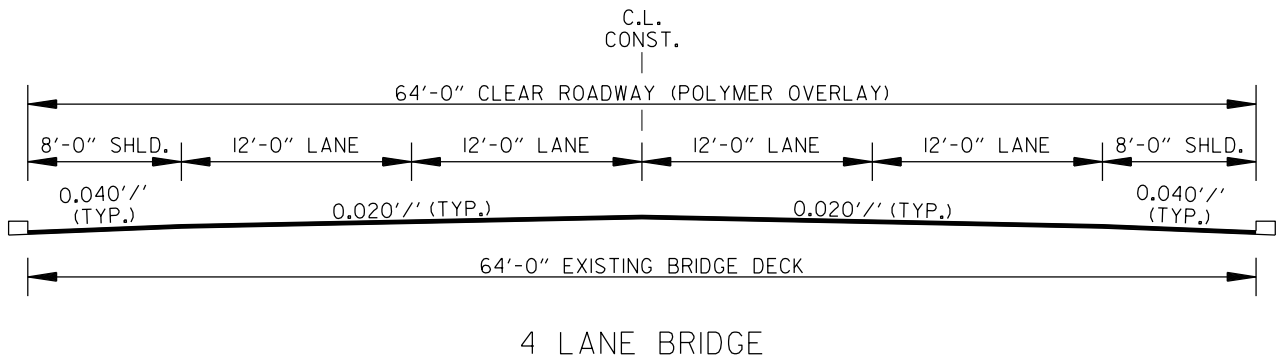
T:\civil\kaymac\3/22/2022 12:48:13 PM
WORKSPACE\AR001\B6557.012406.Bridge Preservation\Design\Civil - Bridge Only\Drawings\012406.04.TS.001.dgn
PROJECT: AR001 - B6557.012406.Bridge Preservation
REVISED DATE: \$*REDATE\$*

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	7	51

TYPICAL SECTIONS OF IMPROVEMENT



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

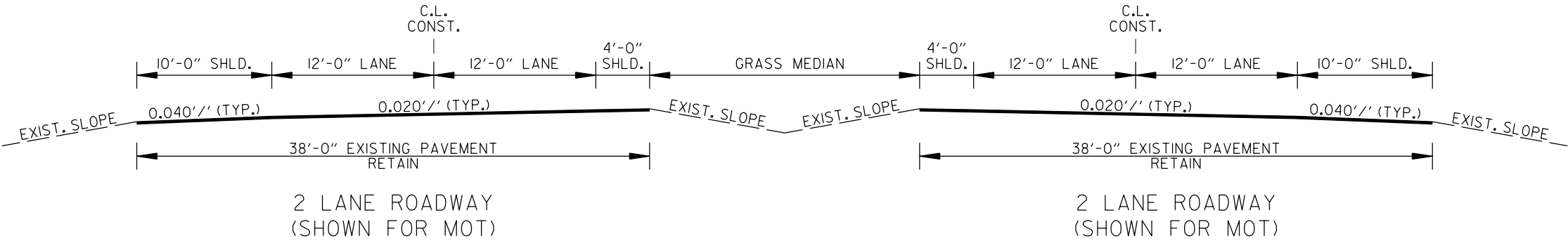
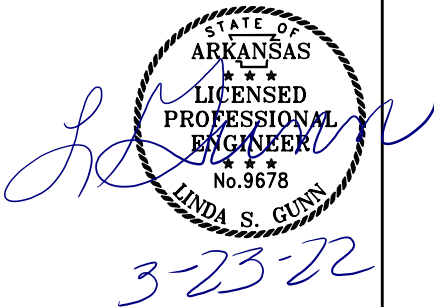


64 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

③ - BR NO. 07032 - HWY. 118

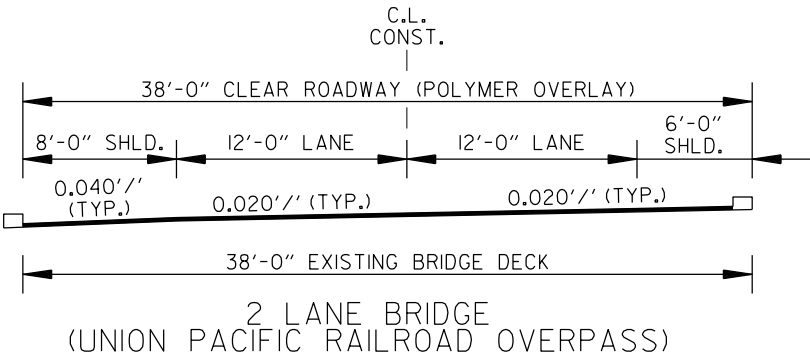
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	8	51

TYPICAL SECTIONS OF IMPROVEMENT



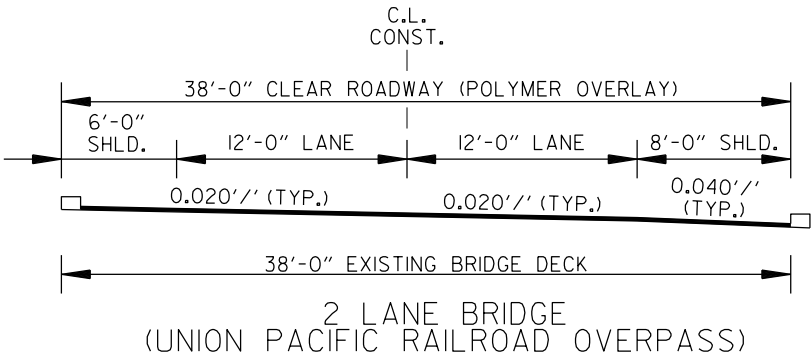
NOTE:

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



38 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

④ - BR NO. A7043 - HWY. 1



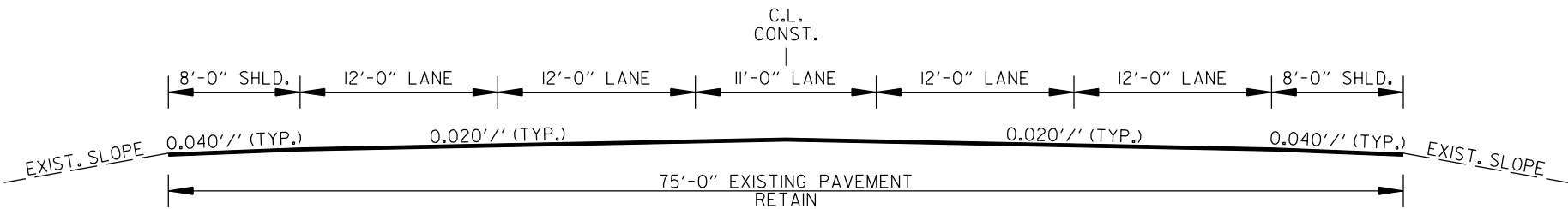
38 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

⑤ - BR NO. B7043 - HWY. 1

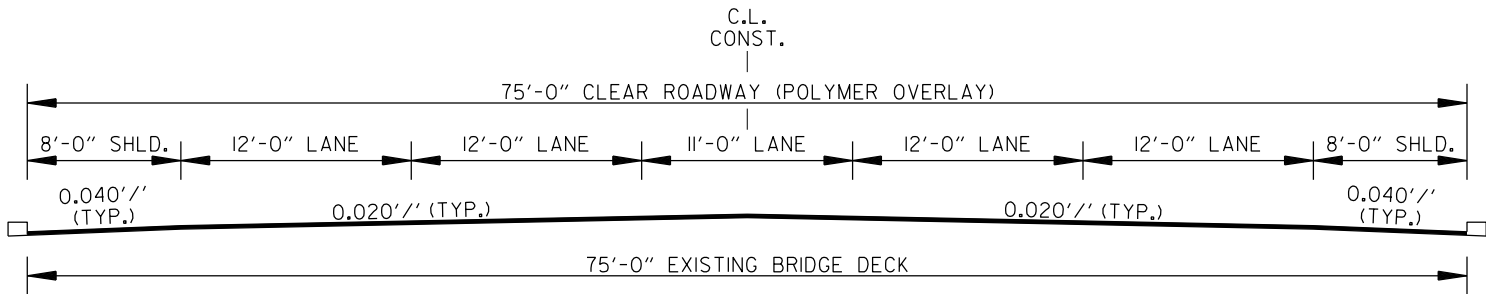
TYPICAL SECTIONS OF IMPROVEMENT

T:\civil\kaymac\3/22/2022 12:45 PM
WORKSPACE\AR001
Y:\Projects\VAR001\B6557.02406.Bridge Preservation\Design\Civil - Bridge Only\Drawings\02406.04.TS.001.dgn
REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	9	51
TYPICAL SECTIONS OF IMPROVEMENT						



5 LANE ROADWAY
(SHOWN FOR MOT)



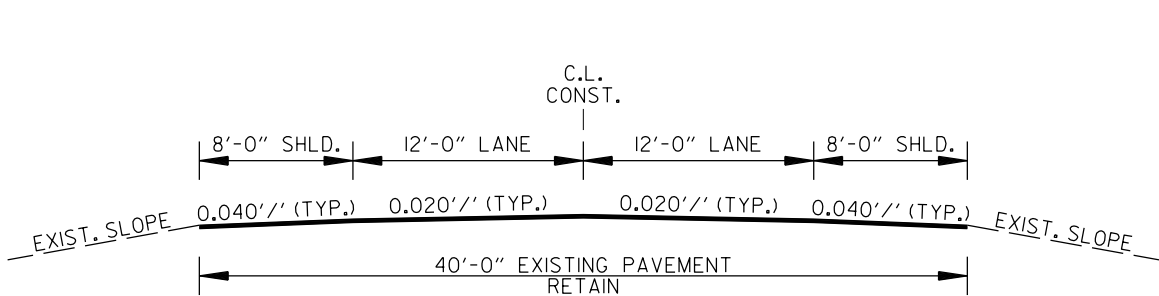
5 LANE BRIDGE (L'ANGUILLE RIVER)

75 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

NOTE:

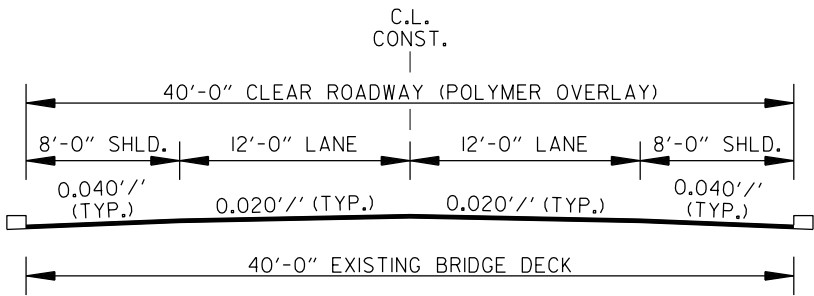
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

⑥ - BR NO. 07042 - HWY. 1



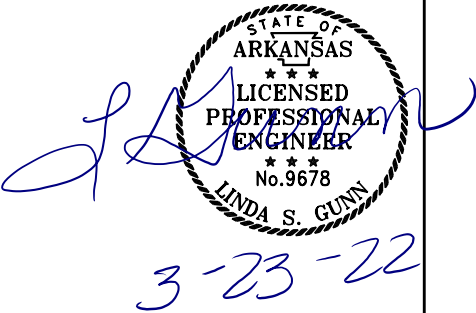
2 LANE ROADWAY
(SHOWN FOR MOT)

40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

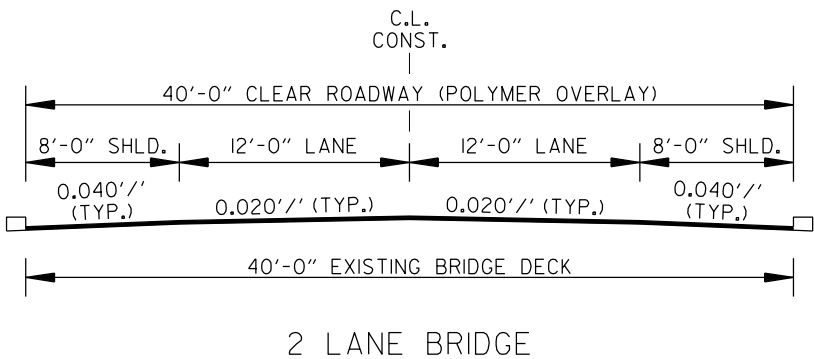
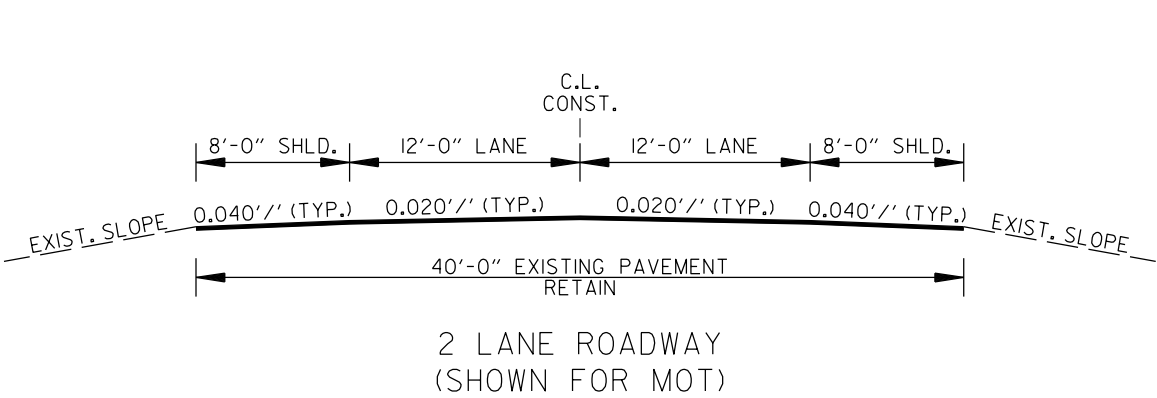
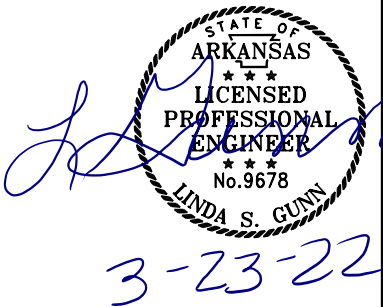


2 LANE BRIDGE (WALNUT LAKE/BIG CREEK)

⑦ - BR NO. 06978 - HWY. 79



DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	10	51
TYPICAL SECTIONS OF IMPROVEMENT						

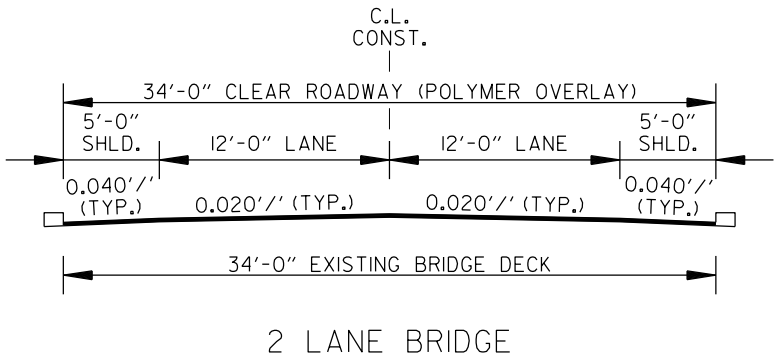
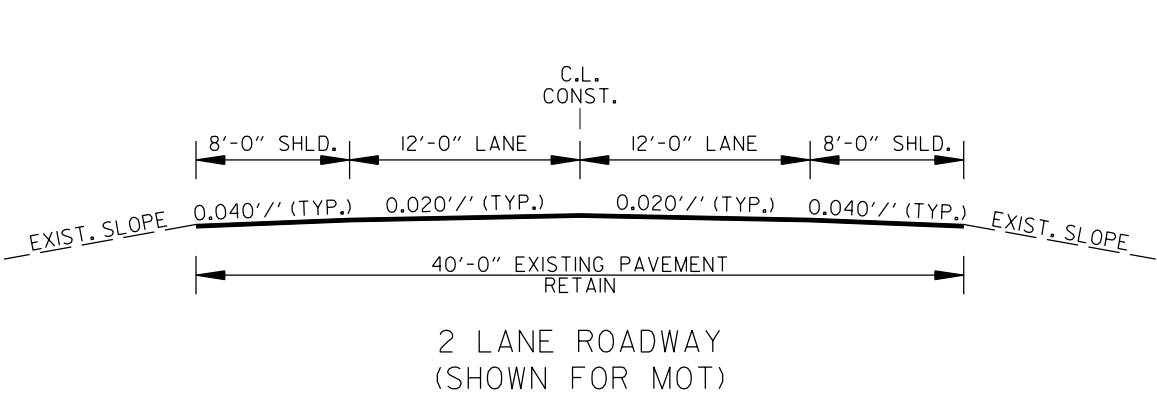


40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

⑧ - BR NO. 06297 - HWY. 25

NOTE:

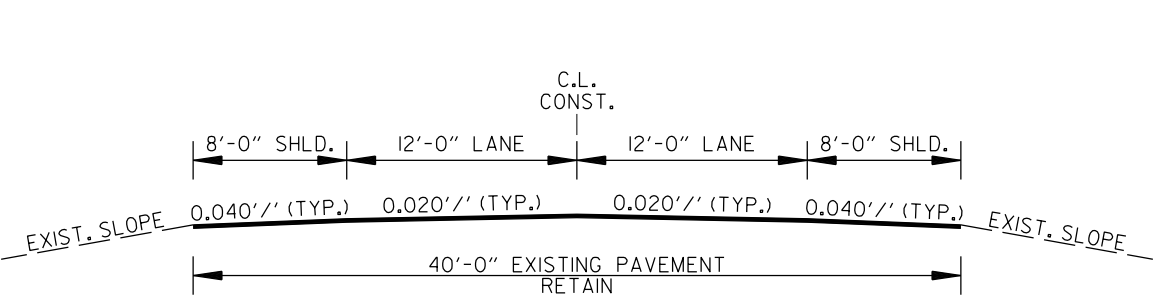
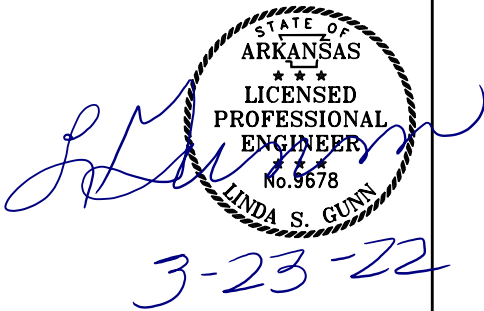
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



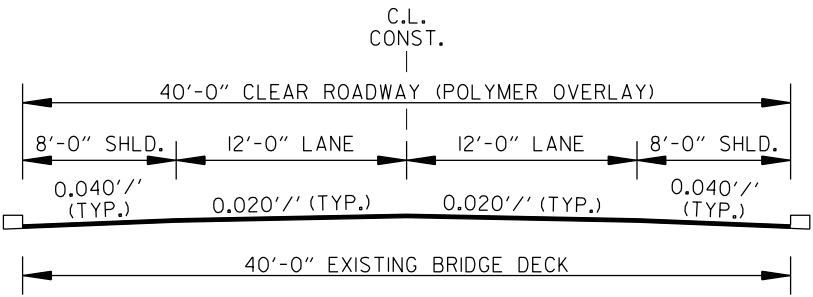
34 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

⑨ - BR NO. 05242 - HWY. 5

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	II	51
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY
(SHOWN FOR MOT)



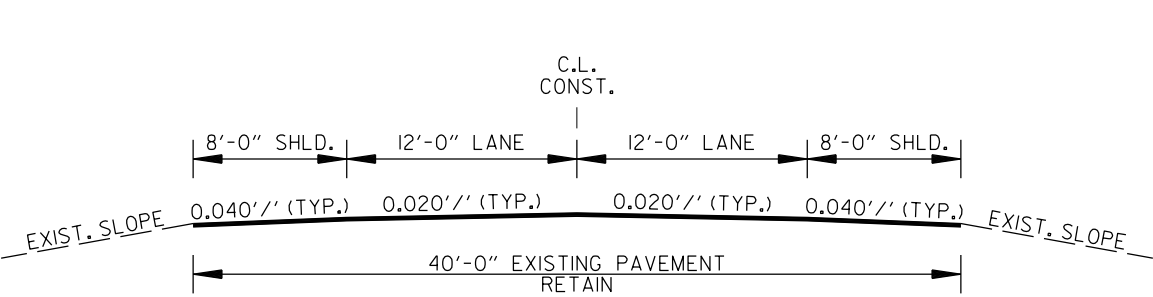
2 LANE BRIDGE

40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

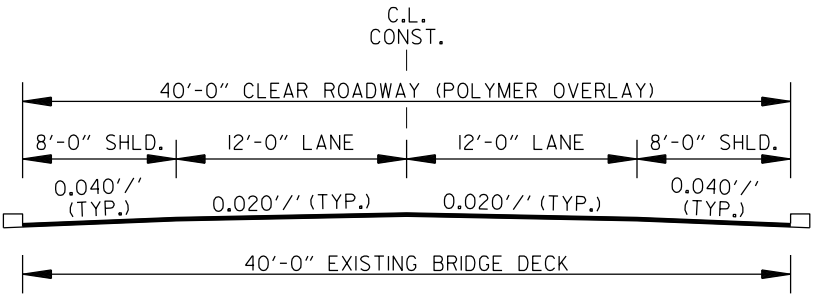
⑩ - BR NO. 06797 - HWY. 367

NOTE:

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



2 LANE ROADWAY
(SHOWN FOR MOT)



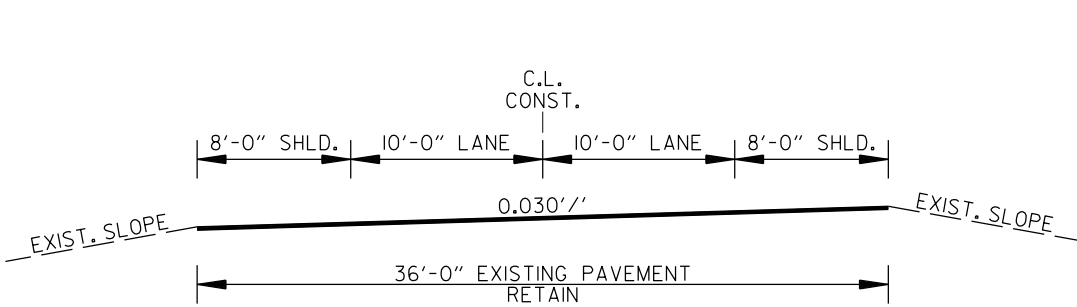
2 LANE BRIDGE - MISSOURI & NO. ARKANSAS
RAILROAD OVERPASS

40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

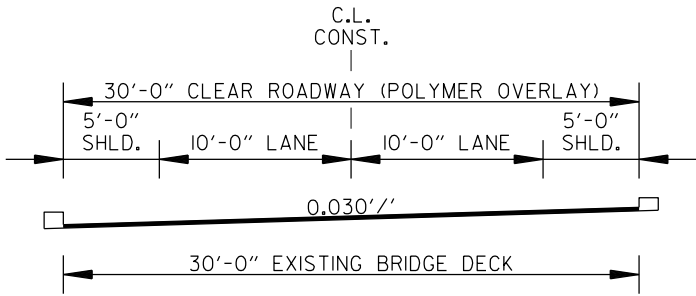
⑪ - BR NO. 06771 - HWY. 69

TYPICAL SECTIONS OF IMPROVEMENT

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	12	51
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY
(SHOWN FOR MOT)



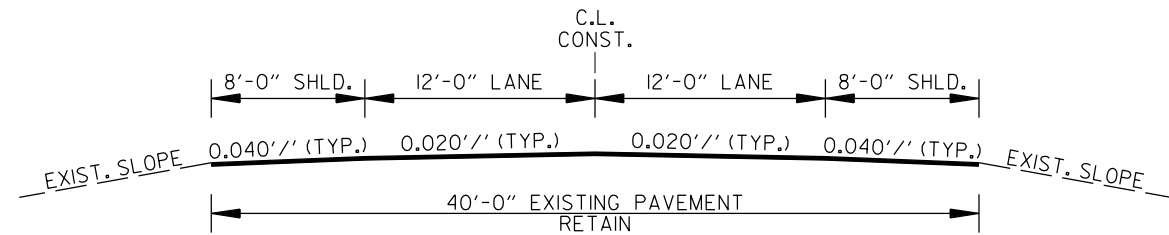
2 LANE BRIDGE

30 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

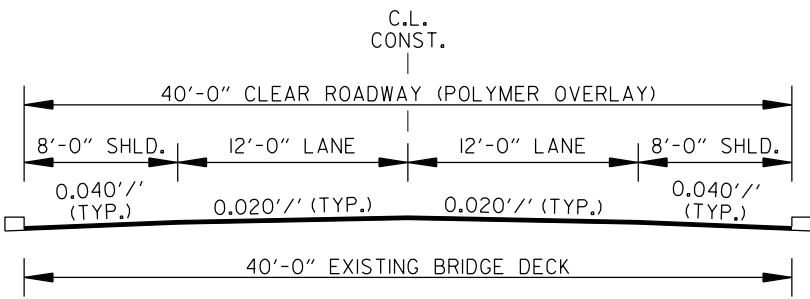
⑫ - BR NO. 05857 - HWY. 69

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

40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

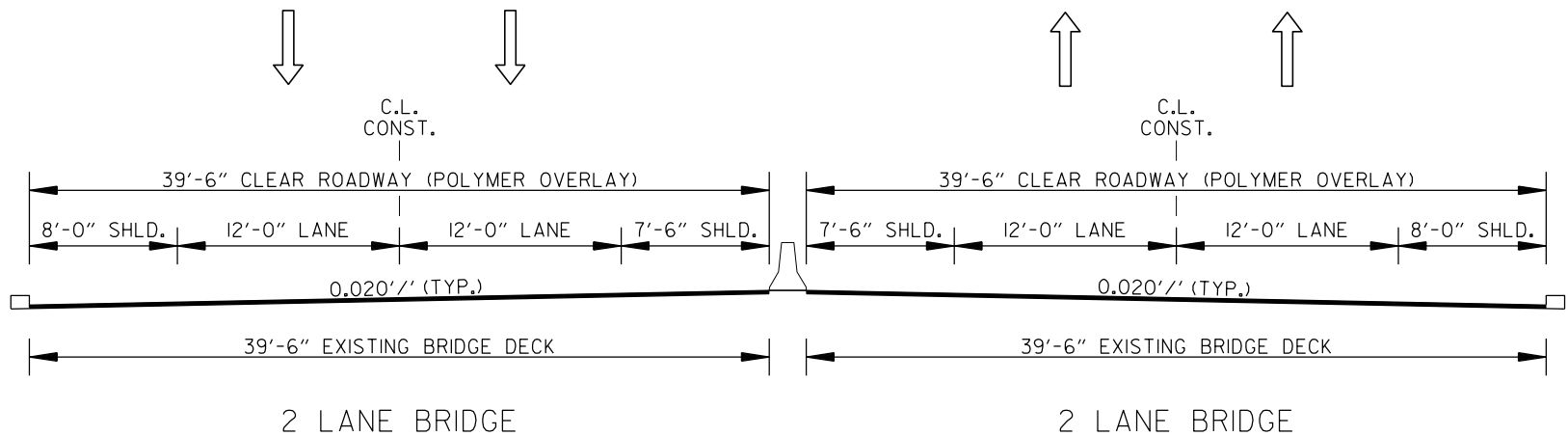
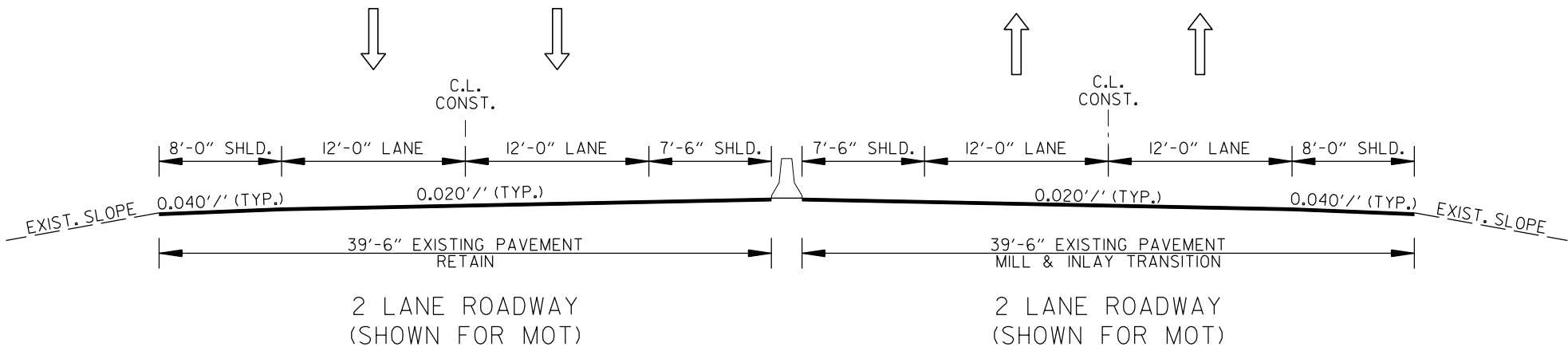
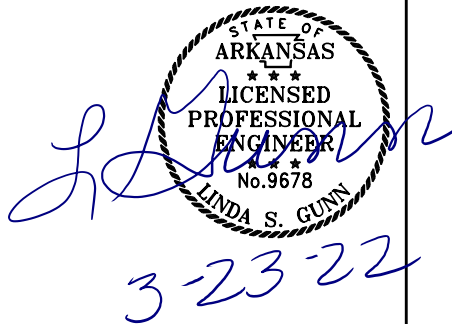
⑬ - BR NO. 05858 - HWY. 69 - MISSOURI & NO. ARKANSAS RAILROAD OVERPASS

⑭ - BR NO. 06849 - HWY. 230

STATE OF ARKANSAS
LINDA S. GUNN
LICENSED PROFESSIONAL ENGINEER
No. 9678
3-23-22

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	13	51

TYPICAL SECTIONS OF IMPROVEMENT



39.5 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

39.5 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

- (15) - BR NO. A6426 - HWY. 270
- (17) - BR NO. A6427 - HWY. 270
- (19) - BR NO. A6493 - HWY. 270

- (16) - BR NO. B6426 - HWY. 270
- (18) - BR NO. B6427 - HWY. 270
- (20) - BR NO. B6493 - HWY. 270 (ROADWAY TRANSITION)

* BR. NO. 20 - B6493 WILL REQUIRE COLD MILLING AND TRANSITION DUE TO BACKWALL REPAIR BEING EXECUTED ON BRIDGE.

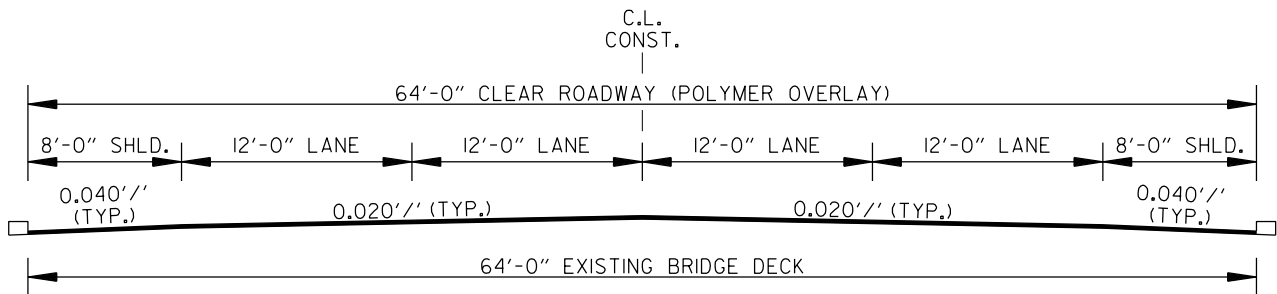
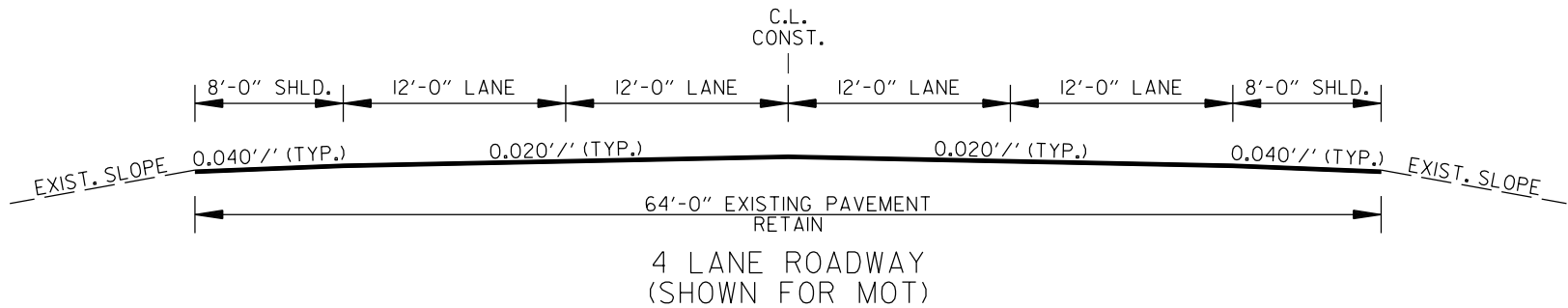
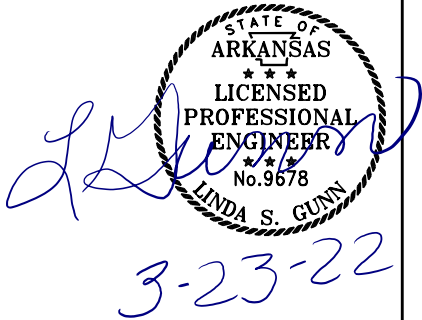
NOTES:

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.

TYPICAL SECTIONS OF IMPROVEMENT

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WORKSPACE: AR001 - 012406.Bridge Preservation\Design\Civil - Bridge Only\Drawings\012406.04.TS.001.dgn
PROJECT: AR001 - 012406.Bridge Preservation
REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	14	51
TYPICAL SECTIONS OF IMPROVEMENT						

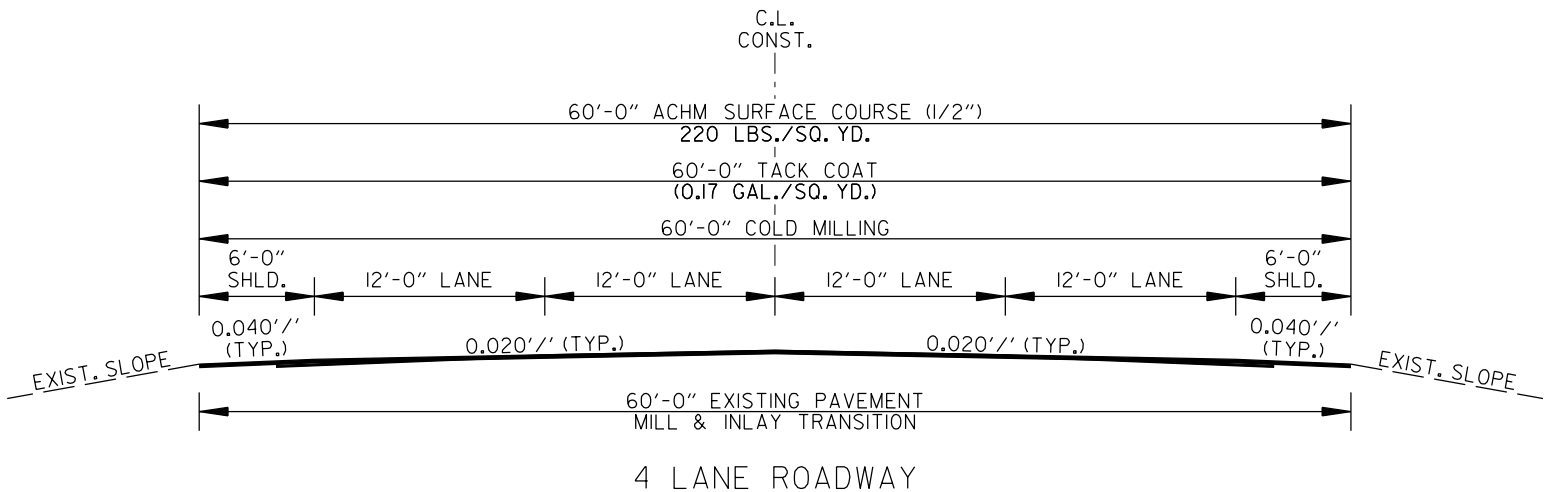


4 LANE BRIDGE (LAKE HAMILTON)
64 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(21) - BR NO. 05872 - HWY. 70

NOTES:

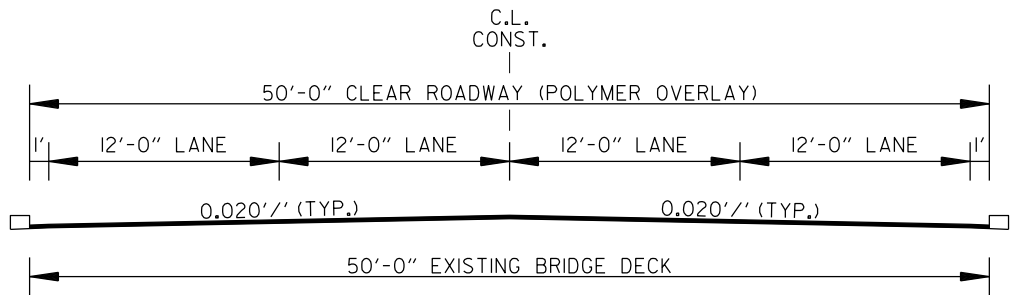
1. STRINGLINE WILL BE USED TO MAINTAIN A UNIFORM HORIZONTAL ALIGNMENT.
2. THE CONTRACTOR SHALL FURNISH & MAINTAIN STD. W8-II "UNEVEN LANES" SIGNS (48" X 48") WITH BLACK LEGEND ON ORANGE BACKGROUND AT ALL LONGITUDINAL JOINTS DURING MILLING AND PAVING OPERATIONS.
3. LONGITUDINAL JOINTS ARE TO BE PLACED 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.



50 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY
(ROADWAY TRANSITION)

* BR. NO. 22 - 01093 WILL REQUIRE COLD MILLING AND TRANSITION DUE TO BACKWALL REPAIR BEING EXECUTED ON BRIDGE.

(22) - BR NO. 01093 - HWY. 270

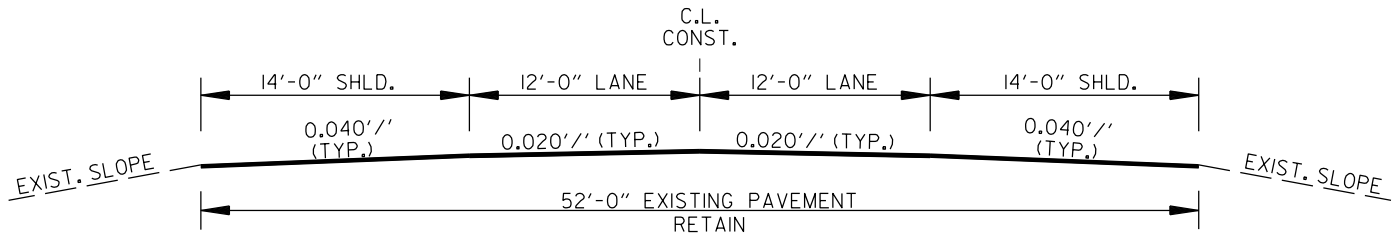
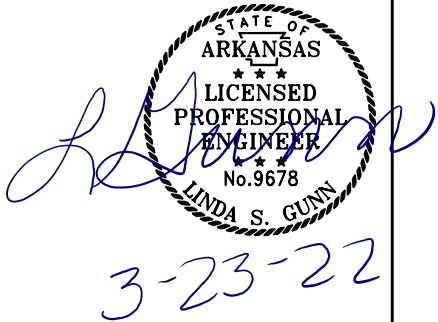


4 LANE BRIDGE

NOTE: THE ROADWAY ON THE SOUTHEAST BRIDGE CORNER HAS NEW EXISTING SIDEWALK.

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	15	51

TYPICAL SECTIONS OF IMPROVEMENT

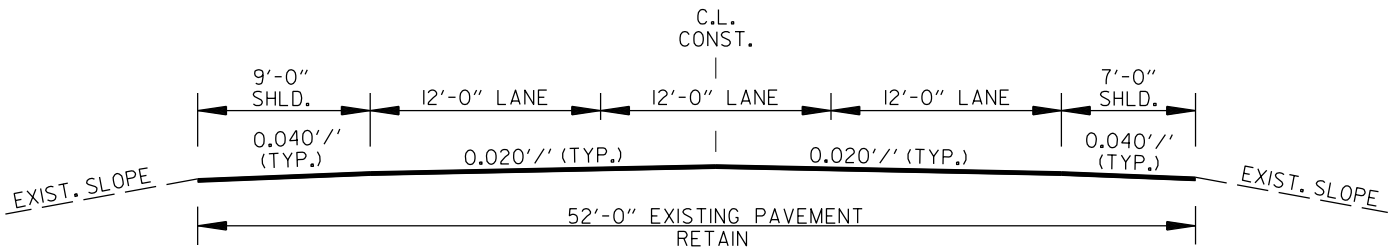


2 LANE ROADWAY - ENTRANCE APPROACH
(SHOWN FOR MOT)

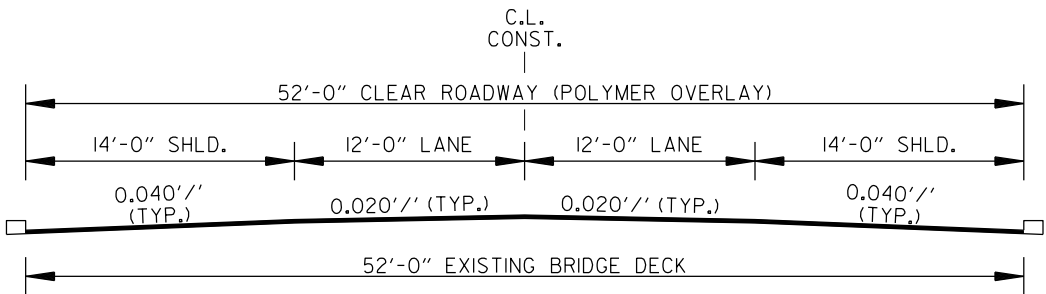
NOTE: THE FIRST 65' FROM THE SOUTH BRIDGE END HAS A STRIPING TAPER FOR THE INTERSECTION TURN LANE. BRIDGE NO. 07089 IS A CONSISTANT WIDTH OF 52'-0" FROM BRIDGE END TO BRIDGE END.

NOTE:

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



3 LANE ROADWAY - EXIT APPROACH
(SHOWN FOR MOT)



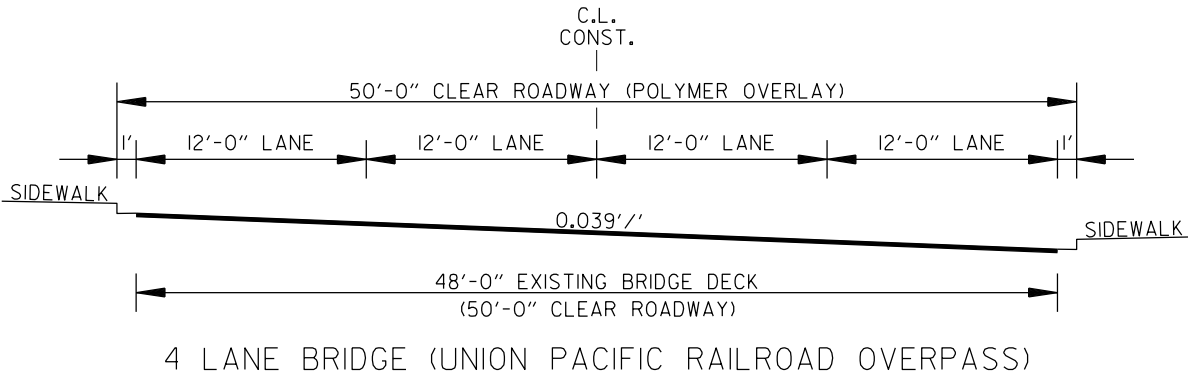
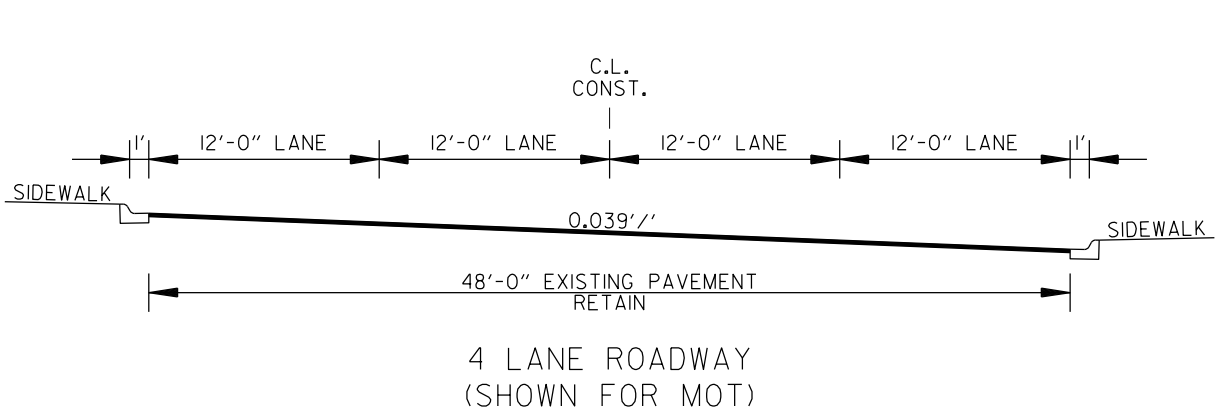
2 LANE BRIDGE

52 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(23) - BR NO. 07089 - HWY. 35

TYPICAL SECTIONS OF IMPROVEMENT

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	16	51
TYPICAL SECTIONS OF IMPROVEMENT						

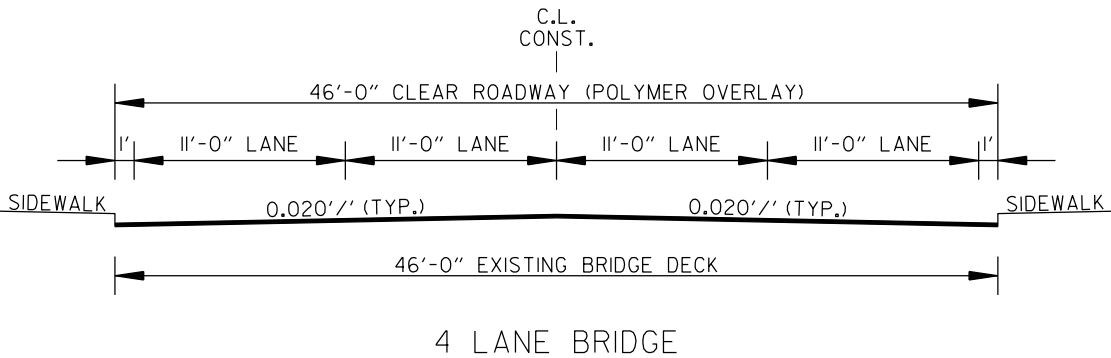
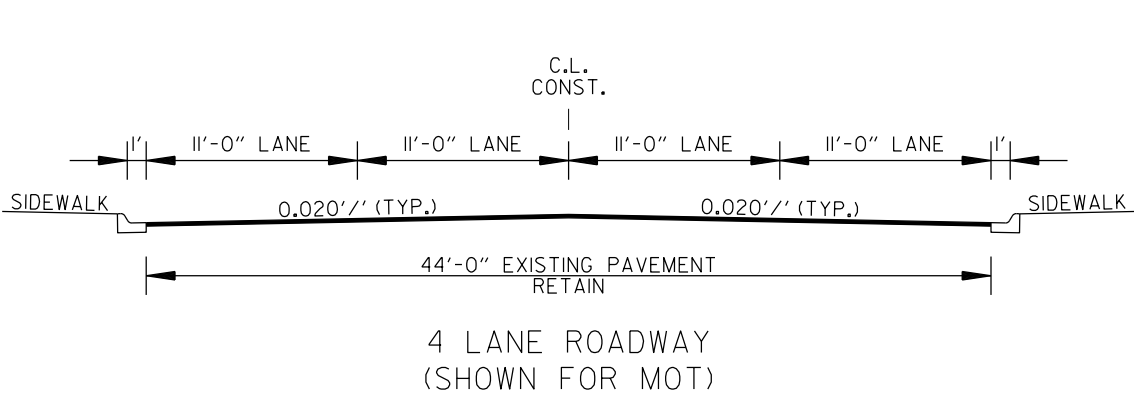


50 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(24) - BR NO. 06827 - HWY. 338

NOTE:

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



46 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

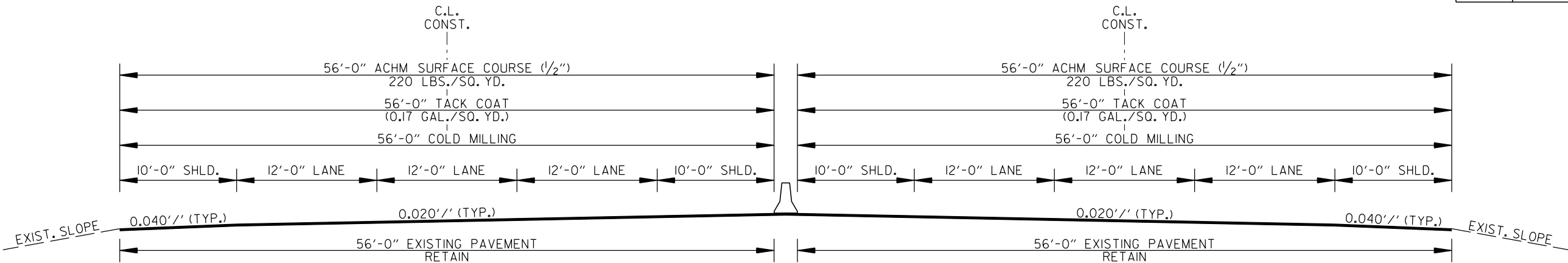
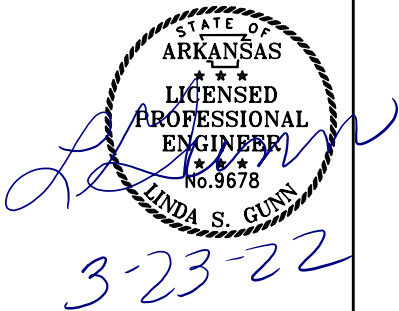
(25) - BR NO. 05943 - HWY. 338

STATE OF
ARKANSAS

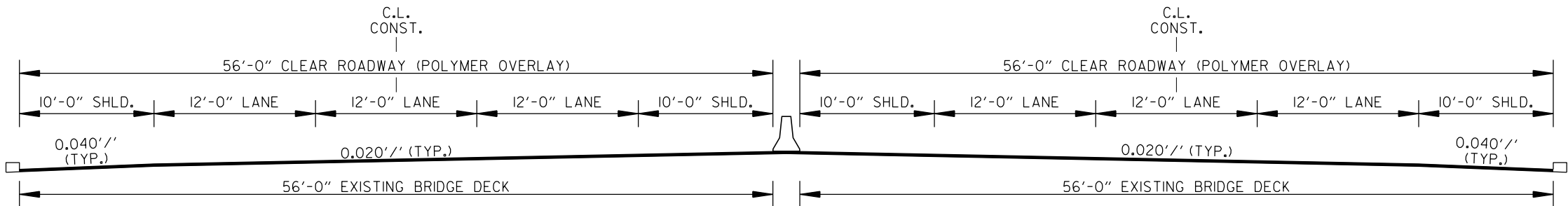
LINDA S. GUNN
LICENSED
PROFESSIONAL
ENGINEER
No. 9678
3-23-22

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WORKSPACE\AR001
Y:\Projects\VAR001\06557\02406\Bridge Preservation\Design\Civil - Bridge Only\Drawings\02406.04.TS.001.dgn
REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	17	51
TYPICAL SECTIONS OF IMPROVEMENT						



6 LANE ROADWAY



6 LANE BRIDGE (ARKANSAS RIVER)

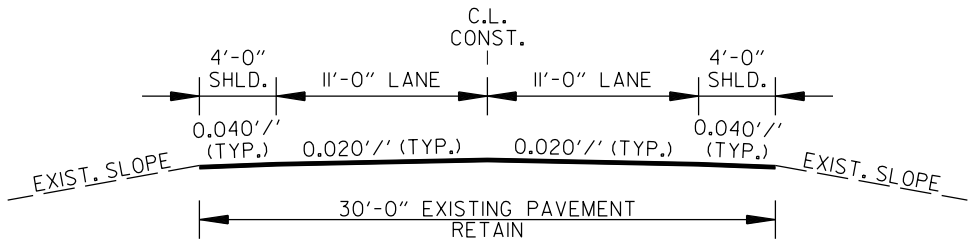
112 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY
(ROADWAY TRANSITIONS)

* BR. NO. 26 - 05705 WILL REQUIRE COLD MILLING AND TRANSITION
DUE TO BACKWALL REPAIR BEING EXECUTED ON BRIDGE.

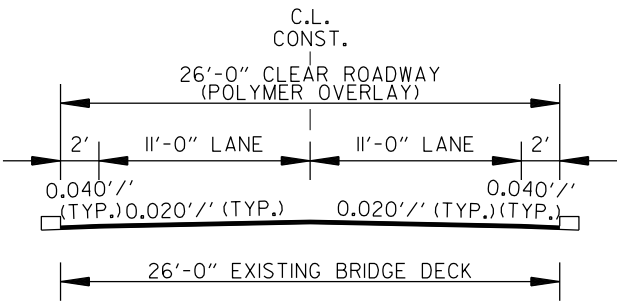
(26) - BR NO. 05705 - I-440

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
(SHOWN FOR MOT)

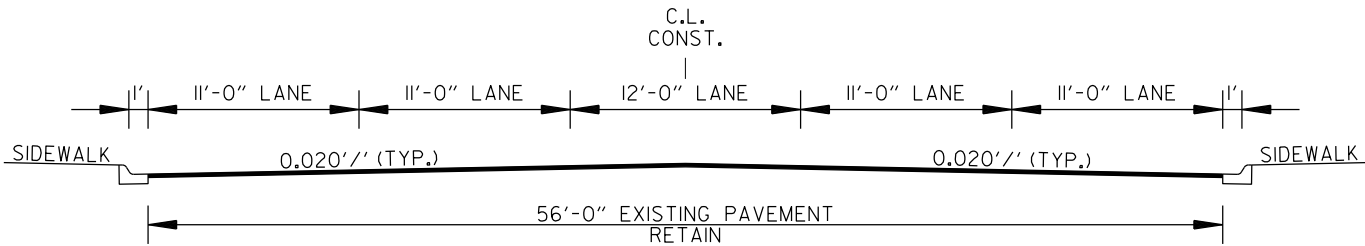
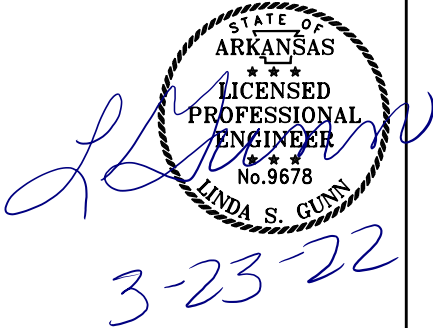


2 LANE BRIDGE (I-40 OVERPASS)

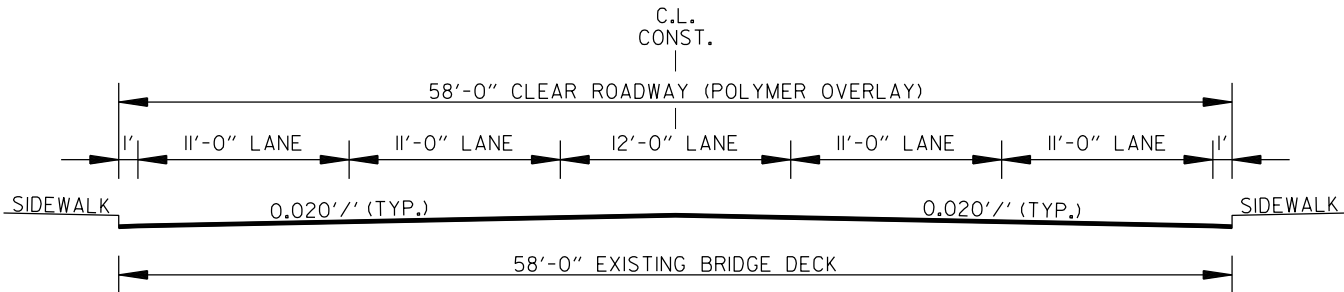
26 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(27) - BR NO. 03195 - I-40 (OVERPASS)

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	18	51
TYPICAL SECTIONS OF IMPROVEMENT						



5 LANE ROADWAY
(SHOWN FOR MOT)



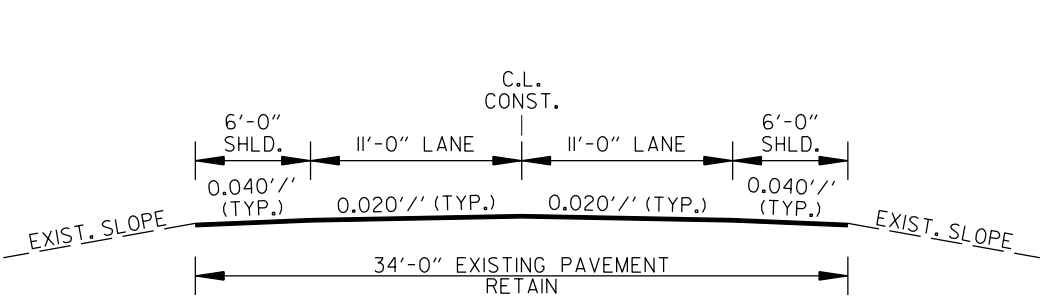
5 LANE BRIDGE (HWY. 67 OVERPASS)

58 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(28) - BR NO. 07053 - HWY. 176

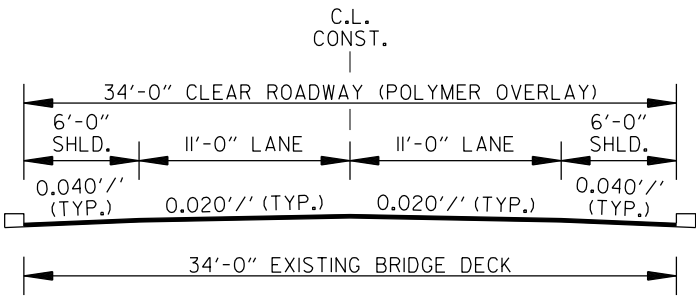
NOTE:

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



2 LANE ROADWAY
(SHOWN FOR MOT)

34 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY



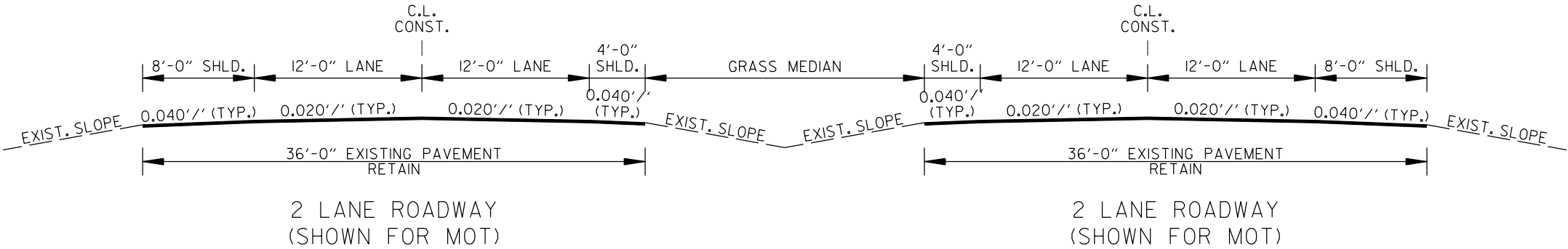
* 2 LANE BRIDGE

* NOTE: THIS BRIDGE IS A VOIDED CONCRETE SLAB STRUCTURE.

(29) - BR NO. 05239 - HWY. 5

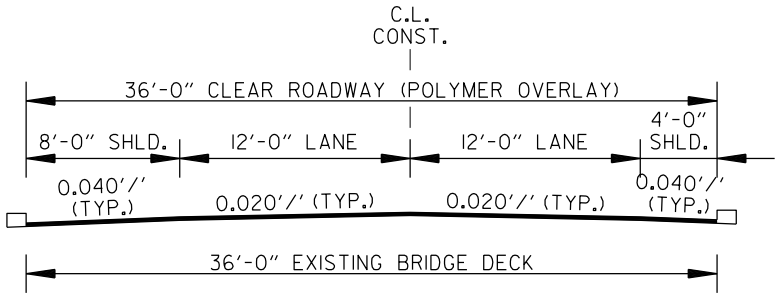
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	19	51

TYPICAL SECTIONS OF IMPROVEMENT



NOTE:

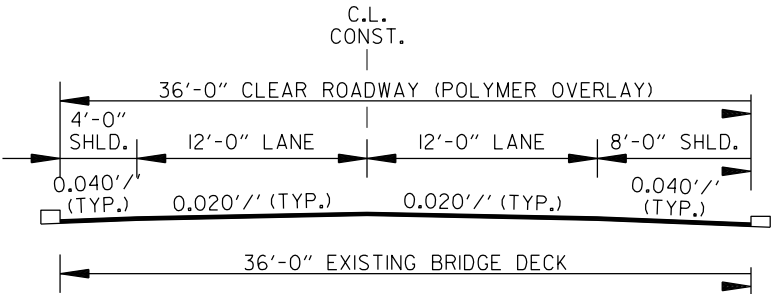
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.



2 LANE BRIDGE

36 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(30) - BR NO. A7017 - HWY. 5



2 LANE BRIDGE

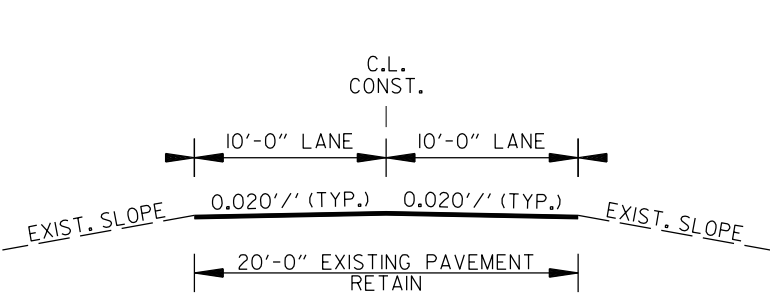
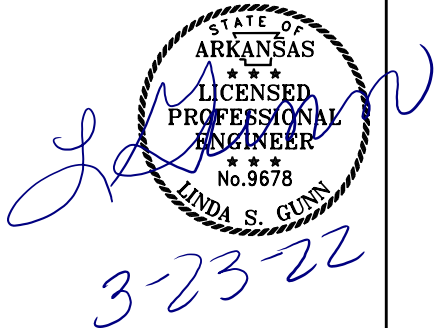
36 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

(31) - BR NO. B7017 - HWY. 5

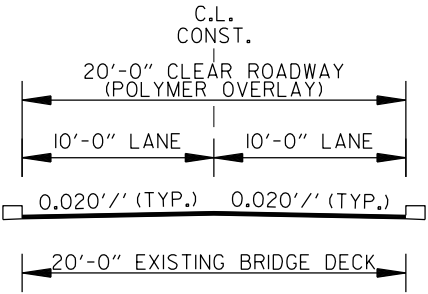
TYPICAL SECTIONS OF IMPROVEMENT

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	20	51

TYPICAL SECTIONS OF IMPROVEMENT



2 LANE ROADWAY
(SHOWN FOR MOT)



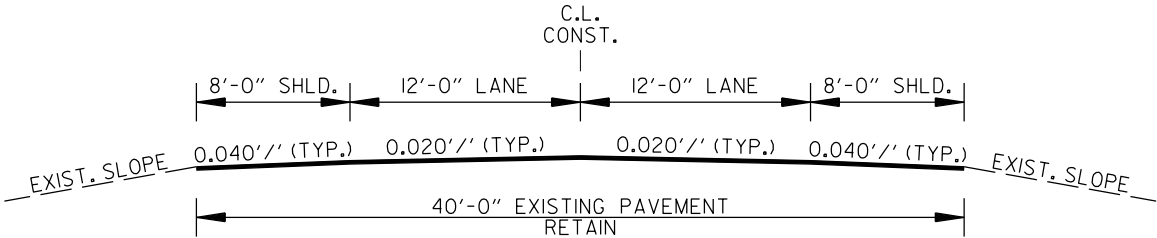
2 LANE BRIDGE (I-40 OVERPASS)

20 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

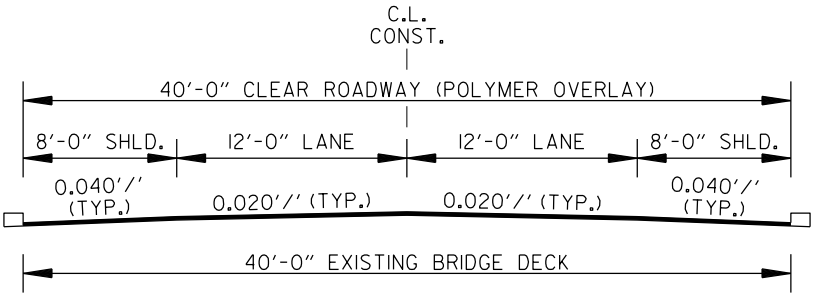
32 - BR NO. 03225 - I-40 (OVERPASS)

NOTE:

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



2 LANE ROADWAY
(SHOWN FOR MOT)



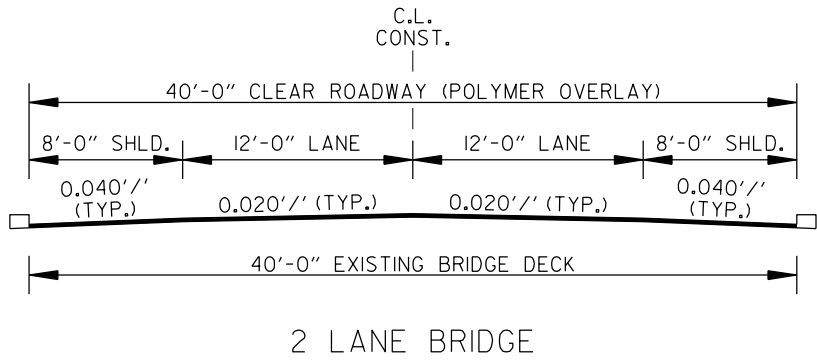
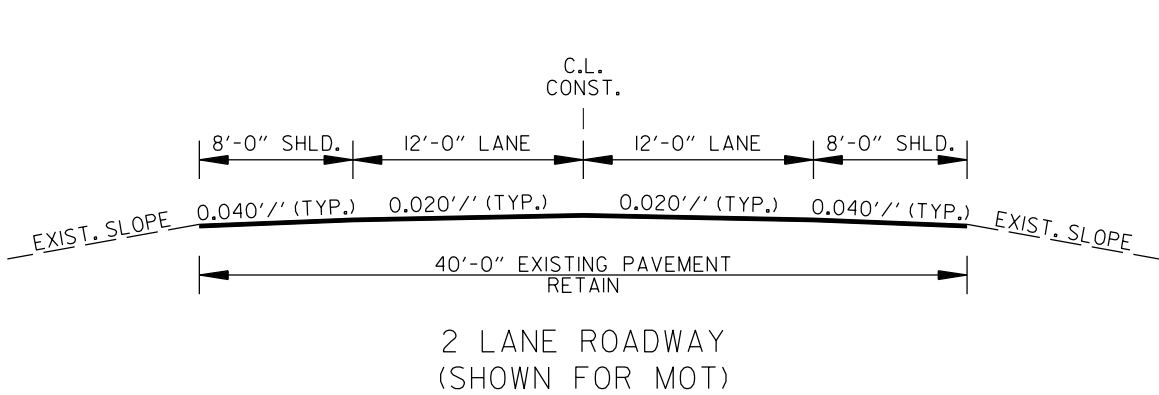
2 LANE BRIDGE (WHITE RIVER)

40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

33 - BR NO. 06675 - HWY. 70

TYPICAL SECTIONS OF IMPROVEMENT

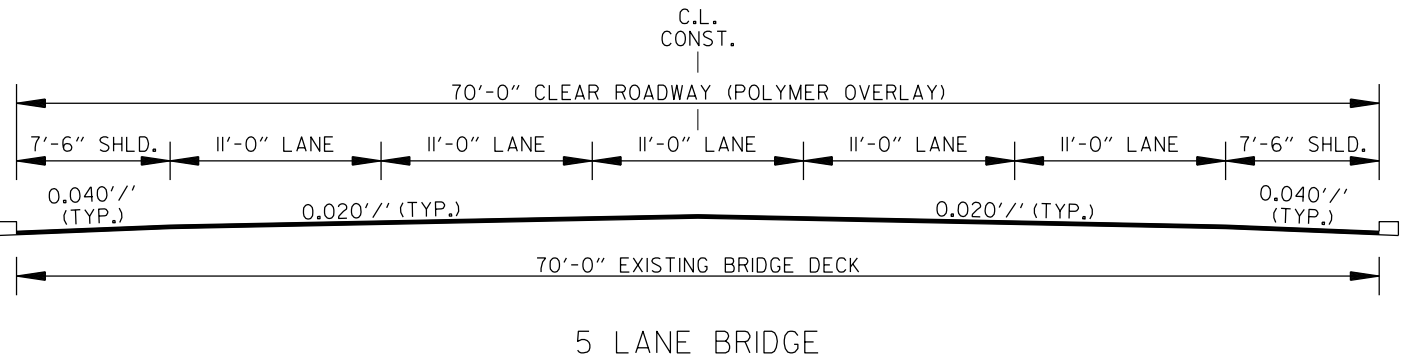
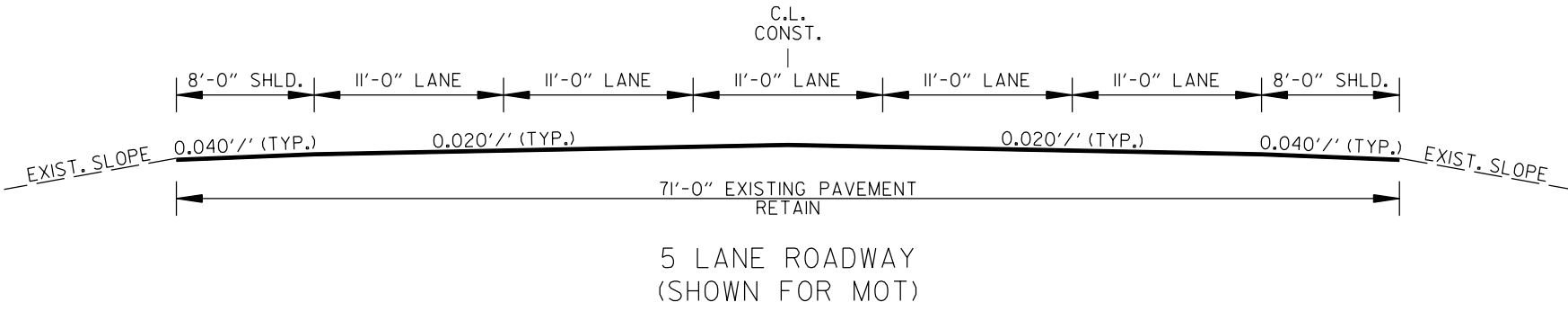
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	21	51
TYPICAL SECTIONS OF IMPROVEMENT						



40 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

- 34 - BR NO. 06150 - HWY. 14 - L'ANGUILLE RIVER
- 35 - BR NO. 06012 - HWY. 49

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



70 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

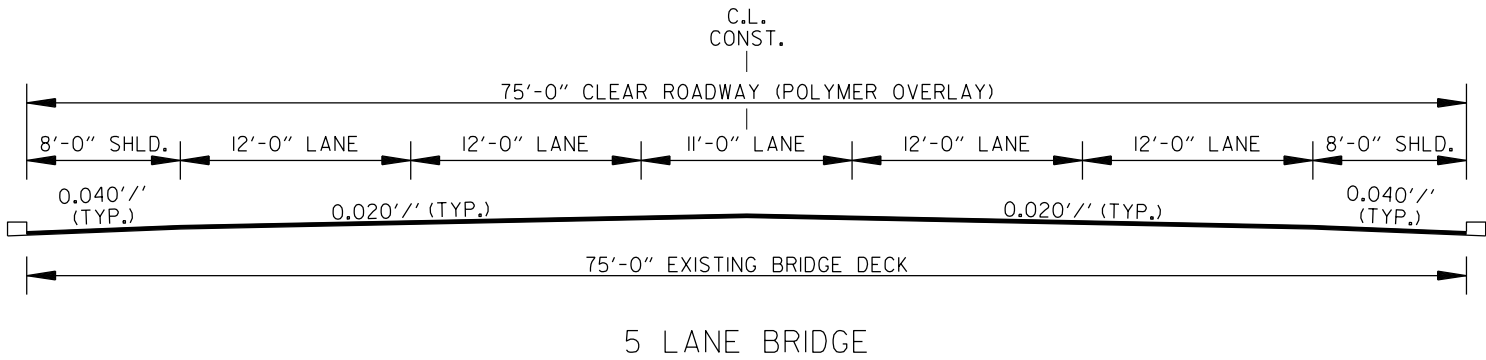
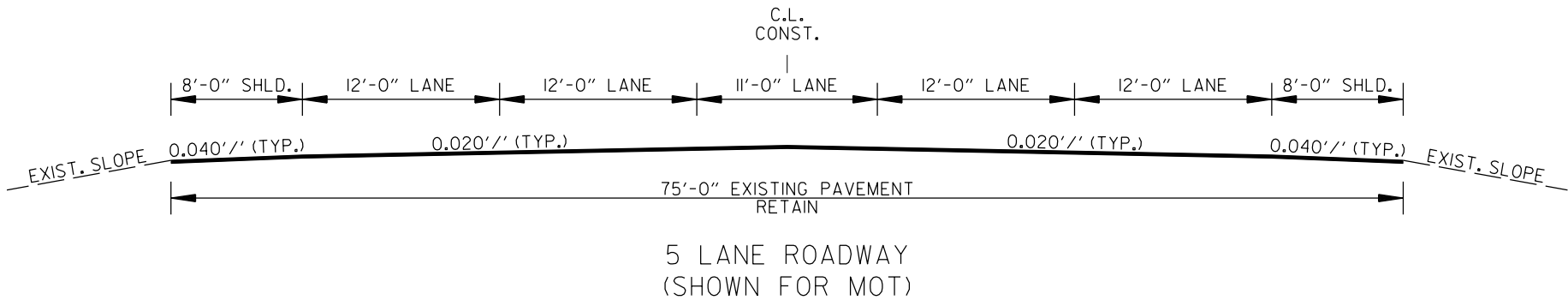
- 36 - BR NO. 06501 - HWY. 49

STATE OF
ARKANSAS

LICENSED
PROFESSIONAL
ENGINEER
No. 9678
LINDA S. GUNN
3-23-22

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WORKSPACE\AR001
Y:\Projects\AR001-186557-012406.Bridge Preservation\Design\Civil - Bridge Only\Drawings\012406.04.TS.001.dgn
REVISED DATE: **REDATE**

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

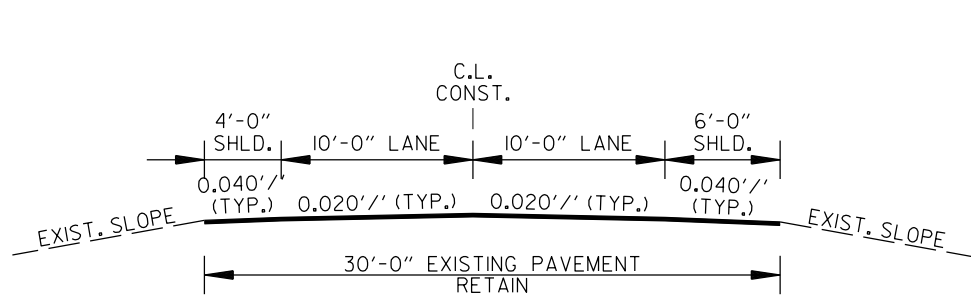


NOTE:
ALL CROSS SLOPES ARE TO MATCH EXISTING CROSS SLOPES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

(NOTE: BR. 38: 06253 - NEXT PG.)

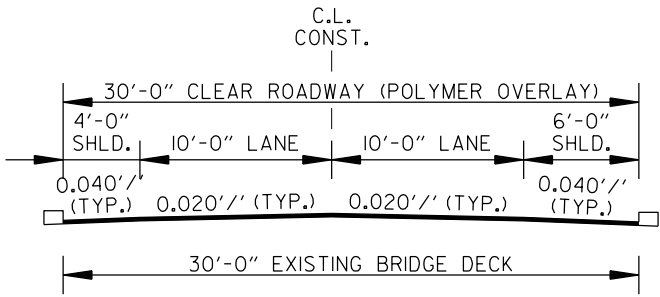
- 37 - BR NO. 07086 - HWY. 49
- 39 - BR NO. 07038 - HWY. 412
- 40 - BR NO. 07039 - HWY. 412
- 41 - BR NO. 07040 - HWY. 412
- 42 - BR NO. 07041 - HWY. 412
- 43 - BR NO. 06971 - HWY. 412
- 44 - BR NO. 06972 - HWY. 412 - ST. FRANCIS RIVER RELIEF

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	23	51
TYPICAL SECTIONS OF IMPROVEMENT						



2 LANE ROADWAY
(SHOWN FOR MOT)

30 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY

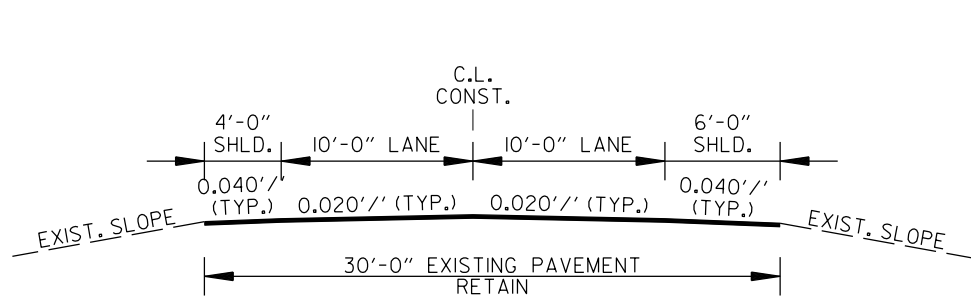


2 LANE BRIDGE

38 - BR NO. 06253 - HWY. 34

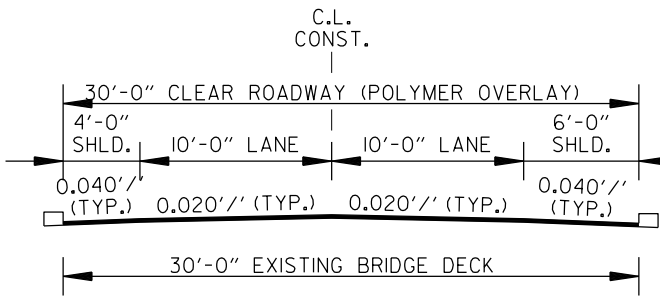
NOTE:

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



2 LANE ROADWAY
(SHOWN FOR MOT)

30 FT. CLEAR ROADWAY BRIDGE - POLYMER OVERLAY



2 LANE BRIDGE

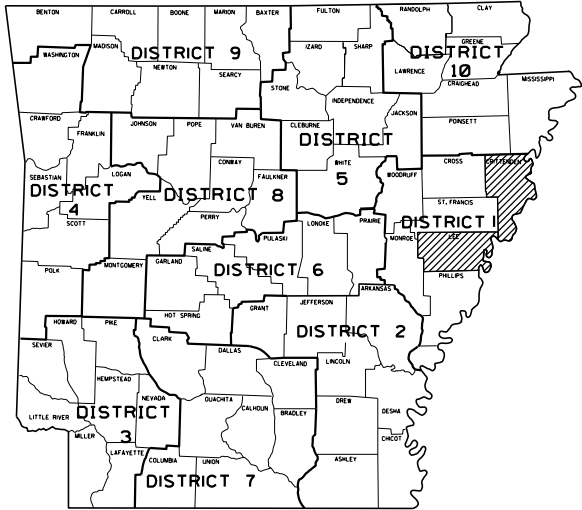
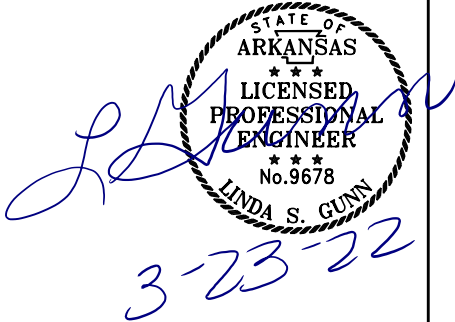
45 - BR NO. 06461 - HWY. 158

STATE OF
ARKANSAS

LINDA S. GUNN
No. 9678
3-23-22

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	24	51

SPECIAL DETAILS

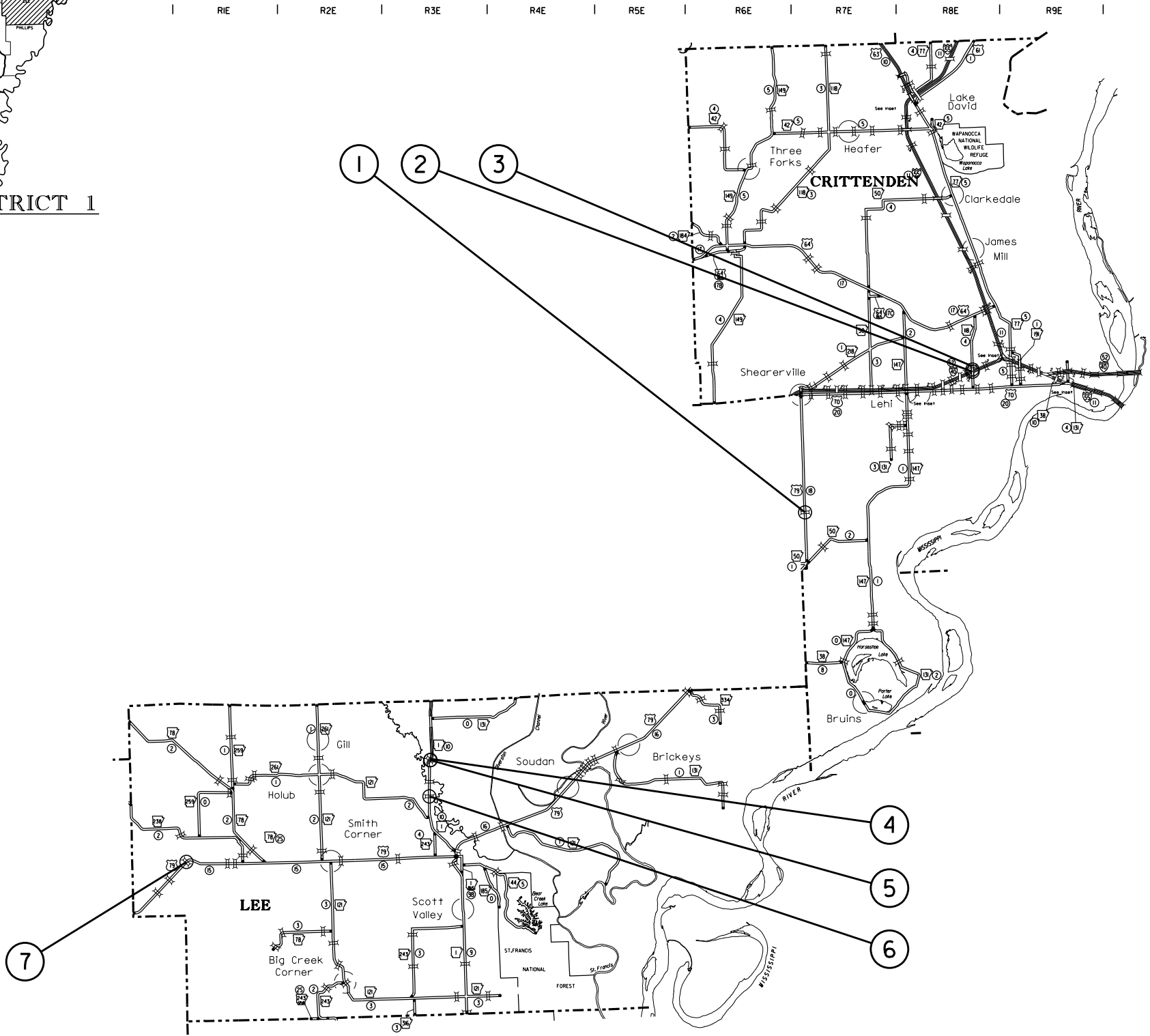


ARKANSAS HIGHWAY DISTRICT 1

LEGEND

○ - POLYMER OVERLAY

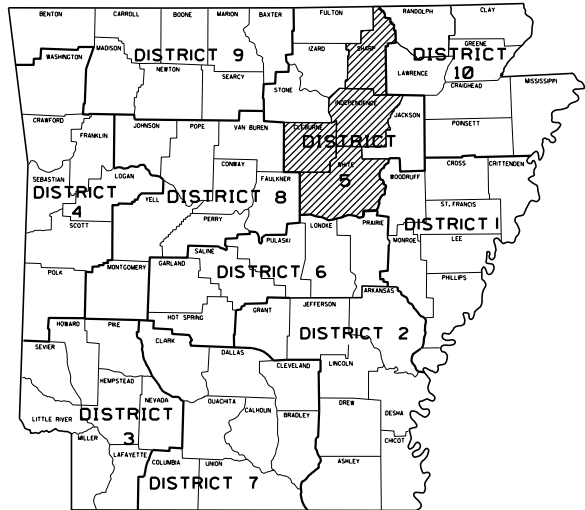
- HWY. 79, SEC. 18
LOG MILE 2.774 BR. END
OVER CUTOFF BAYOU
347' - 9 3/4" BRIDGE NO. 06795
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- HWY. 118, SEC. 4
LOG MILE 3.280 BR. END
OVER I-40/SEC-52
442' - 4 7/8" BRIDGE NO. 07026
84' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- HWY. 118, SEC. 4
LOG MILE 3.018 BR. END
OVER TEN MILE BAYOU CUTOFF
120' - 0" BRIDGE NO. 07032
64' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- HWY. 1, SEC. 10
LOG MILE 3.433 BR. END
OVER U.P. R.R.
357' - 8 1/4" BRIDGE NO. A7043
38' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- HWY. 1, SEC. 10
LOG MILE 5.949 BR. END
OVER U.P. R.R.
357' - 8 1/4" BRIDGE NO. B7043
38' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- HWY. 1, SEC. 10
LOG MILE 4.609 BR. END
OVER L'ANGUILLE RIVER
549' - 2" BRIDGE NO. 07042
75' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- HWY. 79, SEC. 15
LOG MILE 4.289 BR. END
OVER WALNUT LAKE/BIG CREEK
307' - 2 1/2" BRIDGE NO. 06978
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)



DISTRICT 1
INSET - 1
NOT TO SCALE

SPECIAL DETAILS

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REVISED DATE: \$REVDATE\$

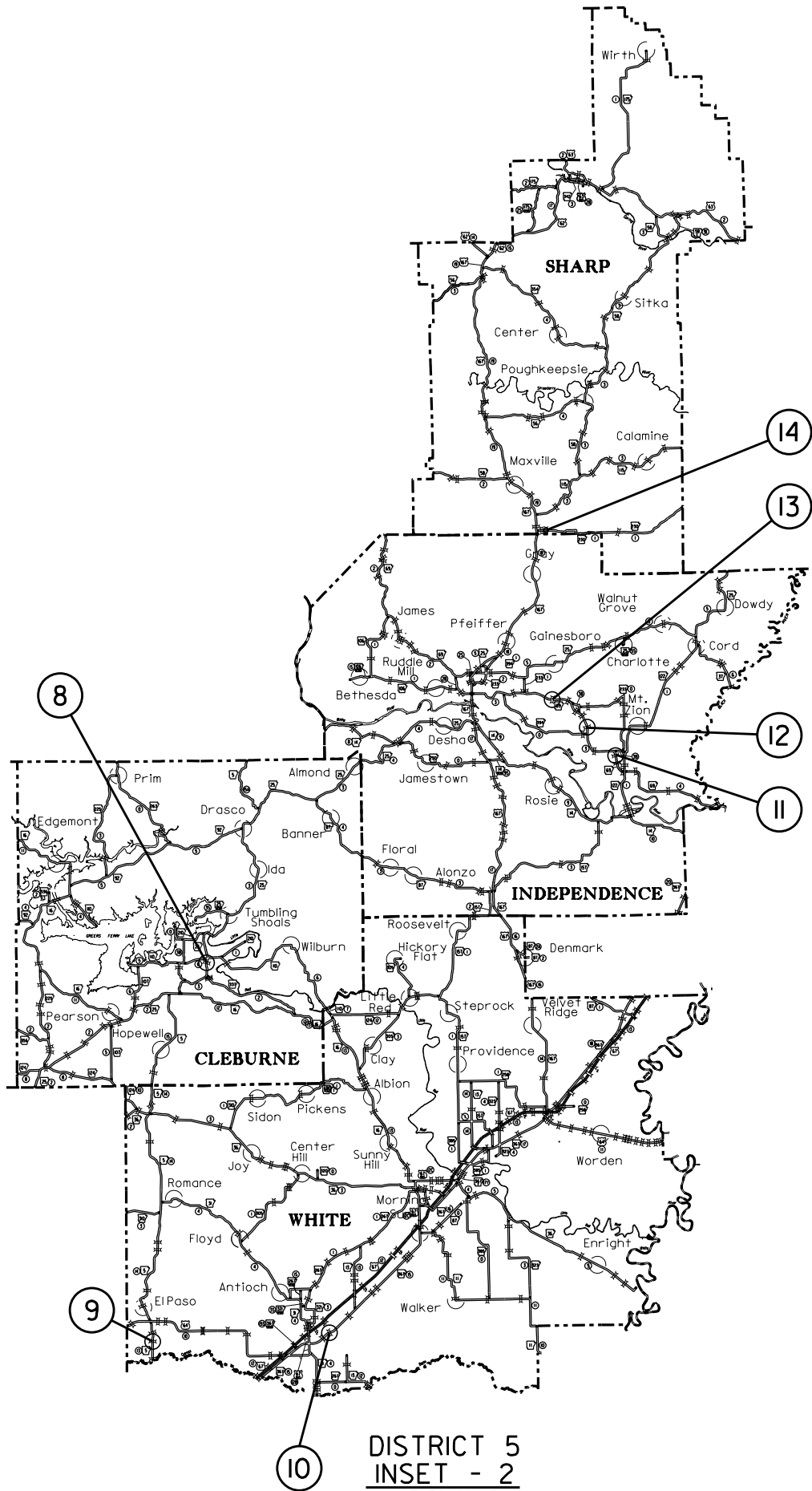


ARKANSAS HIGHWAY DISTRICT 5

LEGEND

○ - POLYMER OVERLAY

- 8 HWY. 25, SEC. 3
LOG MILE 3.959 BR. END
OVER SULPHUR CREEK
152' - 4 7/8" BRIDGE NO. 06297
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 9 HWY. 5, SEC. 13
LOG MILE 2.045 BR. END
OVER LITTLE CYPRESS CREEK
84' - 0" BRIDGE NO. 05242
34' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 10 HWY. 367, SEC. 15
LOG MILE 6.079 BR. END
OVER BULL BAYOU
252' - 3 5/8" BRIDGE NO. 06797
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 11 HWY. 69, SEC. 3
LOG MILE 13.840 BR. END
OVER MISSOURI & N. ARKANSAS R.R.
907' - 9 1/4" BRIDGE NO. 06771
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 12 HWY. 69, SEC. 3
LOG MILE 9.212 BR. END
OVER SULPHUR SPRINGS CREEK
105' - 0" BRIDGE NO. 05857
30' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 13 HWY. 69, SEC. 3
LOG MILE 6.445 BR. END
OVER MISSOURI & N. ARKANSAS R.R.
146' - 1" BRIDGE NO. 05858
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 14 HWY. 230, SEC. 1
LOG MILE 0.703 BR. END
OVER ROLLING FORK CREEK
92' - 9 3/4" BRIDGE NO. 06849
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)



T 21 N
T 20 N
T 19 N
T 18 N
T 17 N
T 16 N
T 15 N
T 14 N
T 13 N
T 12 N
T 11 N
T 10 N
T 9 N
T 8 N
T 7 N
T 6 N
T 5 N

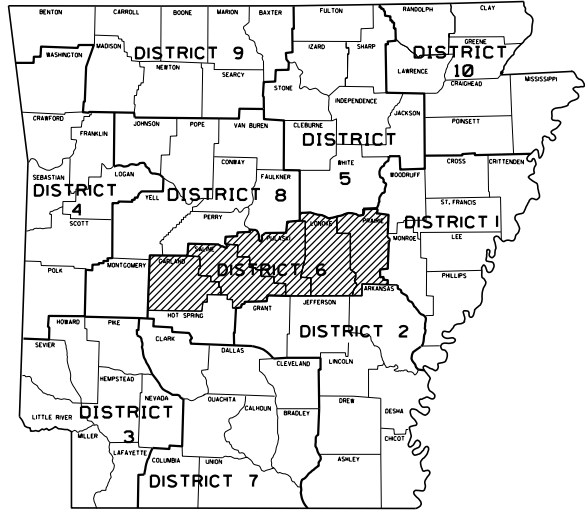
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	25	51

SPECIAL DETAILS



SPECIAL DETAILS

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REVISED DATE: \$REVDAT\$



ARKANSAS HIGHWAY DISTRICT 6

LEGEND

○ - POLYMER OVERLAY

15 HWY. 270, SEC. 6
LOG MILE 8.014 BR. END
OVER HOT SPRINGS CREEK
347' - 6 5/8" BRIDGE NO. A6426
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

16 HWY. 270, SEC. 6
LOG MILE 0.895 BR. END
OVER HOT SPRINGS CREEK
347' - 6 5/8" BRIDGE NO. B6426
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

17 HWY. 270, SEC. 6
LOG MILE 7.054 BR. END
OVER SHADY GROVE RD.
154' - 2 5/8" BRIDGE NO. A6427
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

18 HWY. 270, SEC. 6
LOG MILE 1.862 BR. END
OVER SHADY GROVE RD.
154' - 2 5/8" BRIDGE NO. B6427
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

19 HWY. 270, SEC. 6
LOG MILE 6.673 BR. END
OVER SH 128
259' - 2 1/4" BRIDGE NO. A6493
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

20 HWY. 270, SEC. 6
LOG MILE 2.239 BR. END
OVER SH 128
259' - 2 1/4" BRIDGE NO. B6493
39' - 6" CLEAR ROADWAY
(POLYMER OVERLAY)

21 HWY. 70, SEC. 8
LOG MILE 14.457 BR. END
OVER LAKE HAMILTON
1410' - 0" BRIDGE NO. 05872
64' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

22 HWY. 270, SEC. 5
LOG MILE 17.455 BR. END
OVER BULL BAYOU
162' - 0 3/4" BRIDGE NO. 01093
50' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

23 HWY. 35, SEC. 1
LOG MILE 2.658 BR. END
OVER DEPOT CREEK
252' - 3 5/8" BRIDGE NO. 07089
52' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

24 HWY. 338, SEC. 1
LOG MILE 3.010 BR. END
OVER U.P. R.R.
403' - 11 9/16" BRIDGE NO. 06827
50' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

25 HWY. 338, SEC. 1
LOG MILE 6.221 BR. END
OVER LITTLE FOURCHE CREEK
140' - 0" BRIDGE NO. 05943
46' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

26 I-440, SEC. 1
LOG MILE 5.747 BR. END
OVER ARKANSAS RIVER
4190' - 0" BRIDGE NO. 05705
112' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

27 I-40 (O.P.), SEC. 0
LOG MILE 0.461 BR. END
OVER I-40
216' - 2 7/8" BRIDGE NO. 03195
26' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

28 HWY. 176, SEC. 2
LOG MILE 2.901 BR. END
OVER HWY. 67 (O.P.)
318' - 2" BRIDGE NO. 07053
58' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

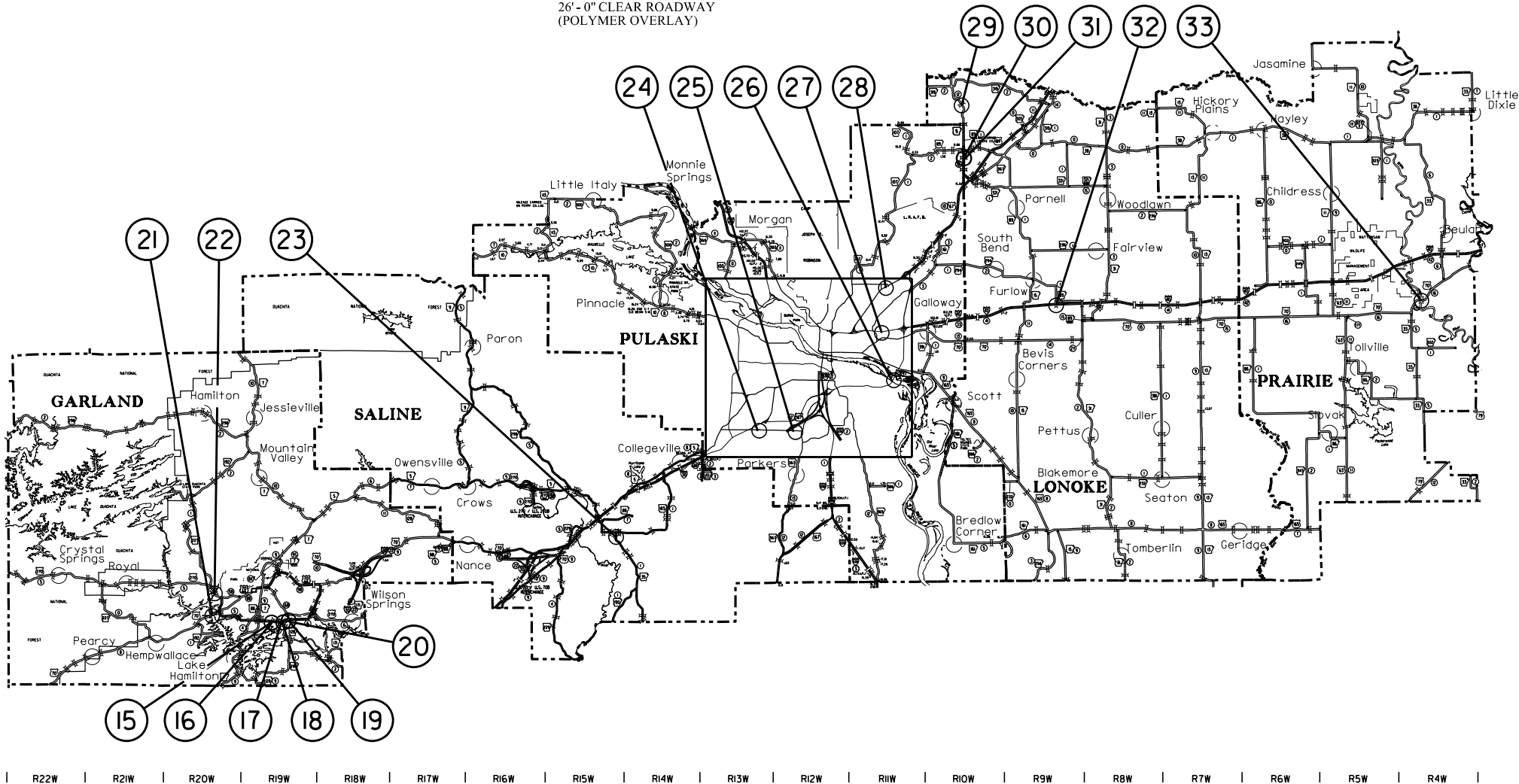
29 HWY. 5, SEC. 12
LOG MILE 6.382 BR. END
OVER MAGNESS CREEK
84' - 0" BRIDGE NO. 05239
34' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

30 HWY. 5, SEC. 12
LOG MILE 6.959 BR. END
OVER TWO PRAIRE BAYOU
106' - 0" BRIDGE NO. A7017
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

31 HWY. 5, SEC. 12
LOG MILE 2.077 BR. END
OVER TWO PRAIRE BAYOU
106' - 0" BRIDGE NO. B7017
36' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

32 I-40 (O.P.), SEC. 0
LOG MILE 0.279 BR. END
OVER I-40
226' - 3 5/8" BRIDGE NO. 03225
20' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)

33 HWY. 70, SEC. 16
LOG MILE 14.725 BR. END
OVER WHITE RIVER
3302' - 2" BRIDGE NO. 06675
40' - 0" CLEAR ROADWAY
(POLYMER OVERLAY)



DISTRICT 6
INSET - 3
NOT TO SCALE

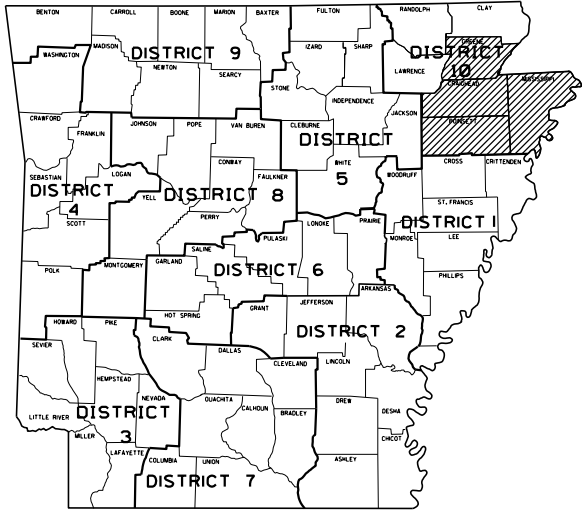
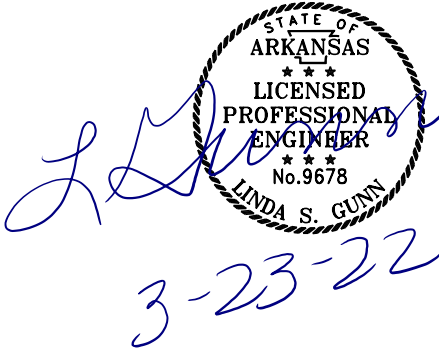
STATE OF
ARKANSAS

LICENSED
PROFESSIONAL
ENGINEER
No. 9678
LINDA S. GUNN
3-23-22

SPECIAL DETAILS

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEET'S
		6	ARK.	012406	27	51

SPECIAL DETAILS



ARKANSAS HIGHWAY DISTRICT 10

LEGEND

○ - POLYMER OVERLAY

- 34

HWY. 14, SEC. 13
LOG MILE 13.839 BR. END
OVER L'ANGUILLE RIVER
152'-1" BRIDGE NO. 06150
40'-0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 35

HWY. 49, SEC. 4
LOG MILE 8.204 BR. END
OVER BLACK FORK DITCH
75'-0" BRIDGE NO. 06012
40'-0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 36

HWY. 49, SEC. 2
LOG MILE 20.376 BR. END
OVER VILLAGE CREEK
165'-1 5/8" BRIDGE NO. 06501
70'-0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 37

HWY. 49, SEC. 2
LOG MILE 16.082 BR. END
OVER EIGHT MILE CREEK
213'-0 3/4" BRIDGE NO. 07086
75'-0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 38

HWY. 34, SEC. 3
LOG MILE 9.718 BR. END
OVER LICK CREEK
107'-0" BRIDGE NO. 06253
30'-0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 39

HWY. 412, SEC. 9
LOG MILE 4.949 BR. END
OVER JOHNSON CREEK
91'-0 1/4" BRIDGE NO. 07038
75'-0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 40

HWY. 412, SEC. 9
LOG MILE 5.509 BR. END
OVER LOCUST CREEK RELIEF
91'-0" BRIDGE NO. 07039
75'-0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 41

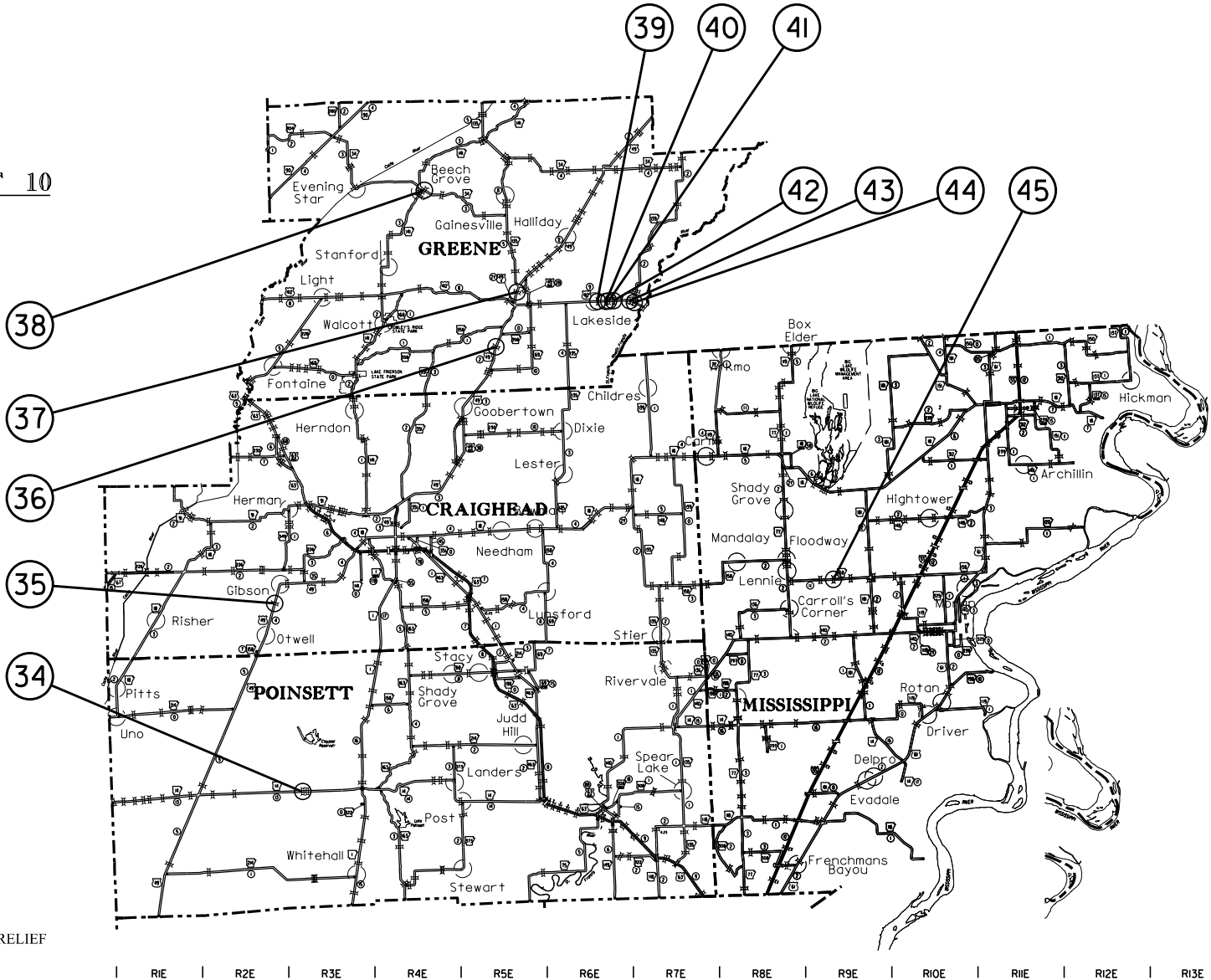
HWY. 412, SEC. 9
LOG MILE 5.703 BR. END
OVER LOCUST CREEK
143'-0" BRIDGE NO. 07040
75'-0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 42

HWY. 412, SEC. 9
LOG MILE 6.045 BR. END
OVER MUD SLOUGH
91'-0" BRIDGE NO. 07041
75'-0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 43

HWY. 412, SEC. 9
LOG MILE 7.089 BR. END
OVER BIG SLOUGH
462'-2" BRIDGE NO. 06971
75'-0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 44

HWY. 412, SEC. 9
LOG MILE 7.648 BR. END
OVER ST. FRANCIS RIVER RELIEF
462'-2" BRIDGE NO. 06972
75'-0" CLEAR ROADWAY
(POLYMER OVERLAY)
- 45

HWY. 158, SEC. 1
LOG MILE 11.584 BR. END
OVER KOCHTITZKY DITCH
193'-6 1/4" BRIDGE NO. 06461
30'-0" CLEAR ROADWAY
(POLYMER OVERLAY)



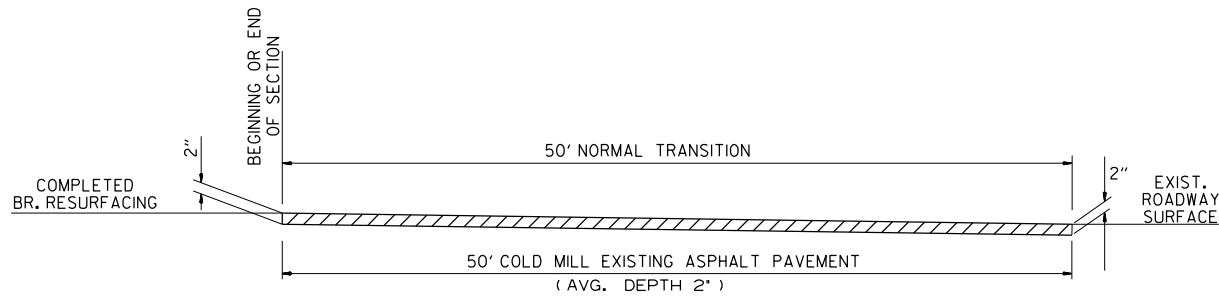
DISTRICT 10
INSET - 4
NOT TO SCALE

T 19 N
T 18 N
T 17 N
T 16 N
T 15 N
T 14 N
T 13 N
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T 11 N
T 10 N



SPECIAL DETAILS

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REVISED DATE: **REDATE**



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

* IF AND WHERE DIRECTED
BY THE ENGINEER.

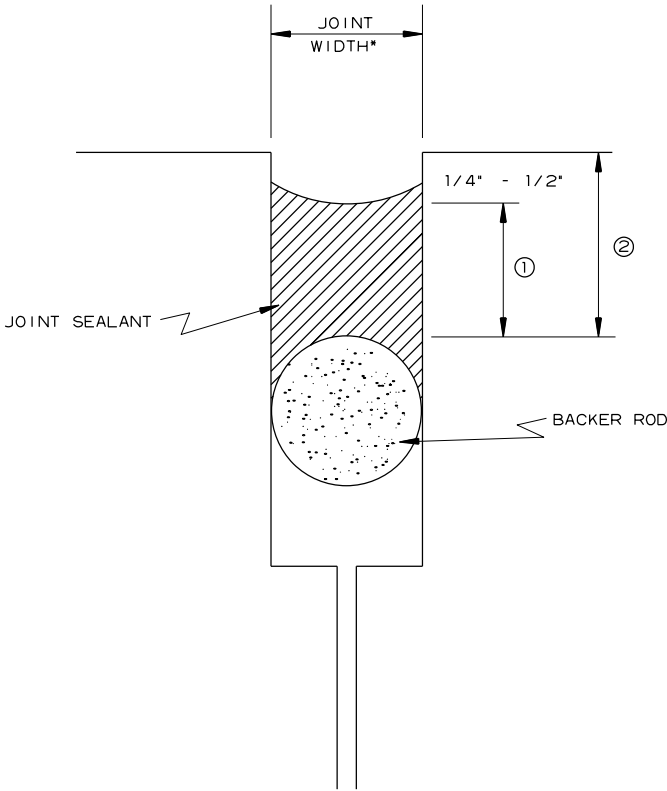
NOTES:

1. ACHM SHALL BE PLACED FOR ROADWAY TRANSITIONS/REPAIR AND GUARDRAIL WIDENING 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.

JOINT CONFIGURATION FOR
TYPE 3 & 4 JOINT SEALANT

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

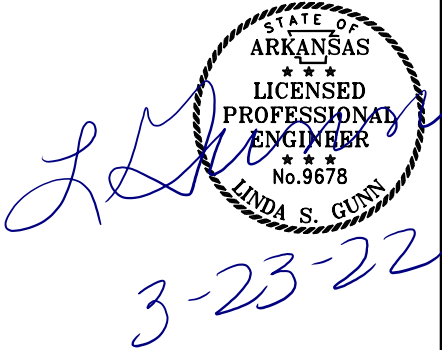
NOTE: JOINTS GREATER THAN 1 1/2" IN
WIDTH SHALL BE SEALED WITH
TYPE 5 JOINT SEALANT.



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

DETAILS OF TYPE A OR TYPE B
JOINT REHABILITATION

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	28	51
SPECIAL DETAILS						



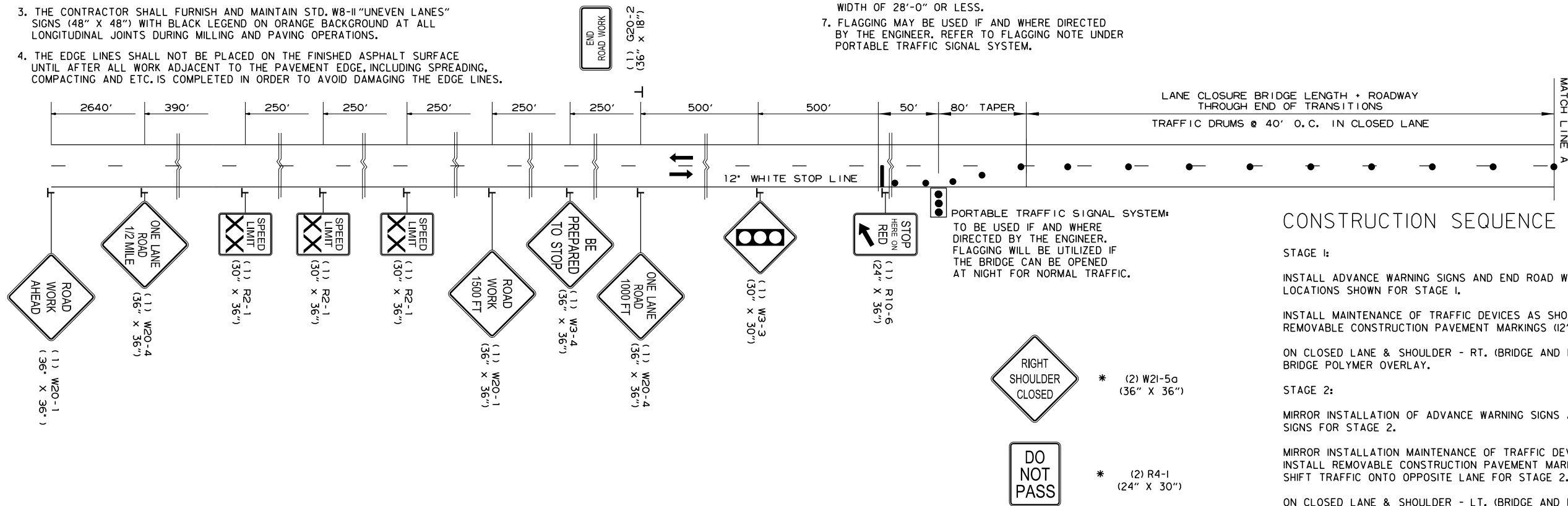
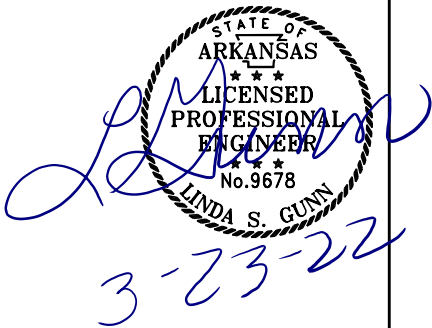
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REVISED DATE: **REDATE**

- 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.):
6. VERTICAL PANELS MAY BE SUBSTITUTED FOR TRAFFIC DRUMS ON THE BRIDGE DECK IF AND WHERE DIRECTED BY THE ENGINEER WHEN ACTIVE WORK IS ONGOING. VERTICAL PANEL QUANTITIES ARE PROVIDED FOR BRIDGES WITH CLEAR ROADWAY WIDTH OF 28'-0" OR LESS.
 7. FLAGGING MAY BE USED IF AND WHERE DIRECTED BY THE ENGINEER. REFER TO FLAGGING NOTE UNDER PORTABLE TRAFFIC SIGNAL SYSTEM.

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	29	51

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.

STAGE 2:

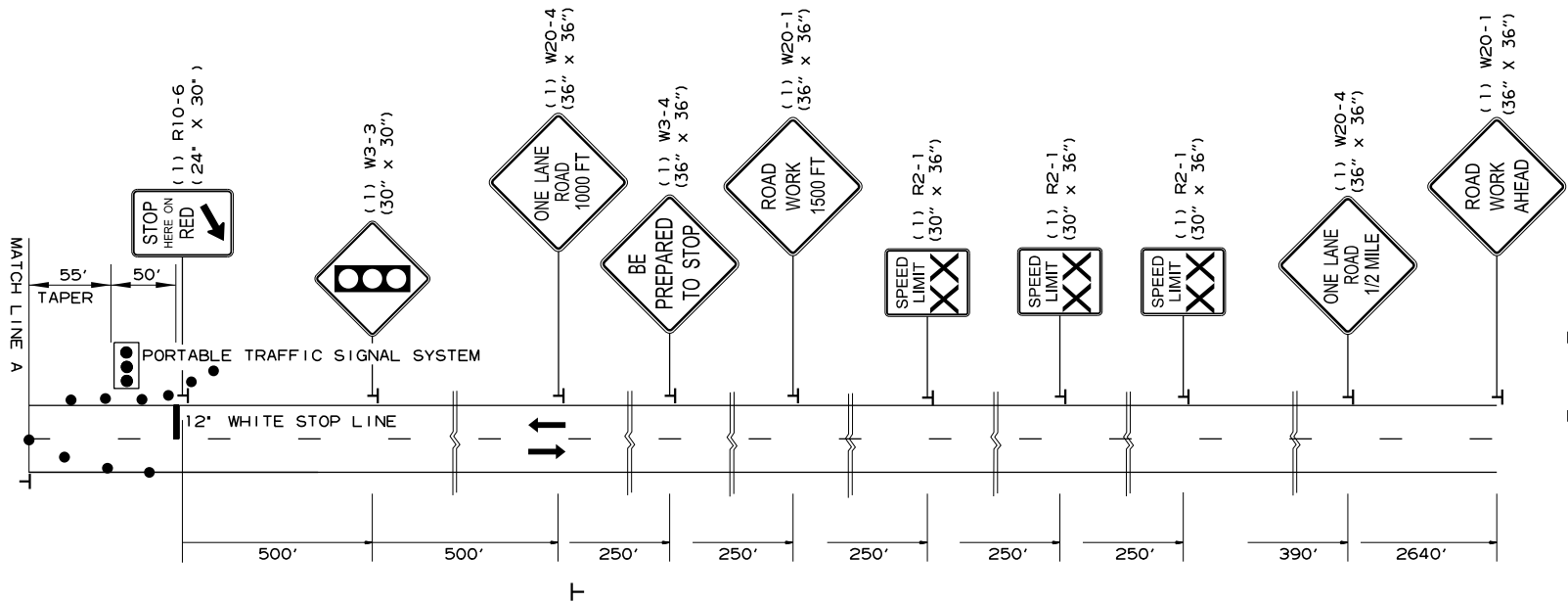
MIRROR INSTALLATION OF ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS FOR STAGE 2.

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.

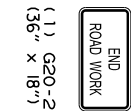
REMOVE MAINTENANCE OF TRAFFIC DEVICES & REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. INSTALL PERMANENT PAVEMENT MARKINGS.

RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY.



LEGEND

- TRAFFIC DRUM
- └ TEMPORARY TRAFFIC SIGN
- TRAFFIC FLOW ARROWS



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

	BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS	BR. DECK CLEAR ROADWAY WIDTH		BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS	BR. DECK CLEAR ROADWAY WIDTH
DIST. 1	(1)	BR. 06795	HWY. 79	18	2.774	24	40'	DIST. 6	*(27)	BR. 03195	I-40 (O.P.)	0	.0461	21	26'
	(7)	BR. 06978	HWY. 79	15	4.289	23	40'		(29)	BR. 05239	HWY. 5	12	6.382	23	34'
DIST. 5	(8)	BR. 06297	HWY. 25	3	3.959	22	40'		*(32)	BR. 03225	I-40 (O.P.)	0	0.279	21	20'
	(9)	BR. 05242	HWY. 5	13	2.045	18	34'		(33)	BR. 06675	HWY. 70	16	14.725	98	40'
	(10)	BR. 06797	HWY. 367	15	6.079	71	40'	DIST. 10	(34)	BR. 06150	HWY. 14	13	13.839	19	40'
	(11)	BR. 06771	HWY. 69	3	13.840	38	40'		(35)	BR. 06012	HWY. 49	4	8.204	17	40'
	(12)	BR. 05857	HWY. 69	3	9.212	21	30'		(38)	BR. 06253	HWY. 34	3	9.718	18	30'
	(13)	BR. 05858	HWY. 69	3	6.445	22	40'		(45)	BR. 06461	HWY. 158	1	11.584	20	30'
	(14)	BR. 06849	HWY. 230	1	0.703	20	40'								

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

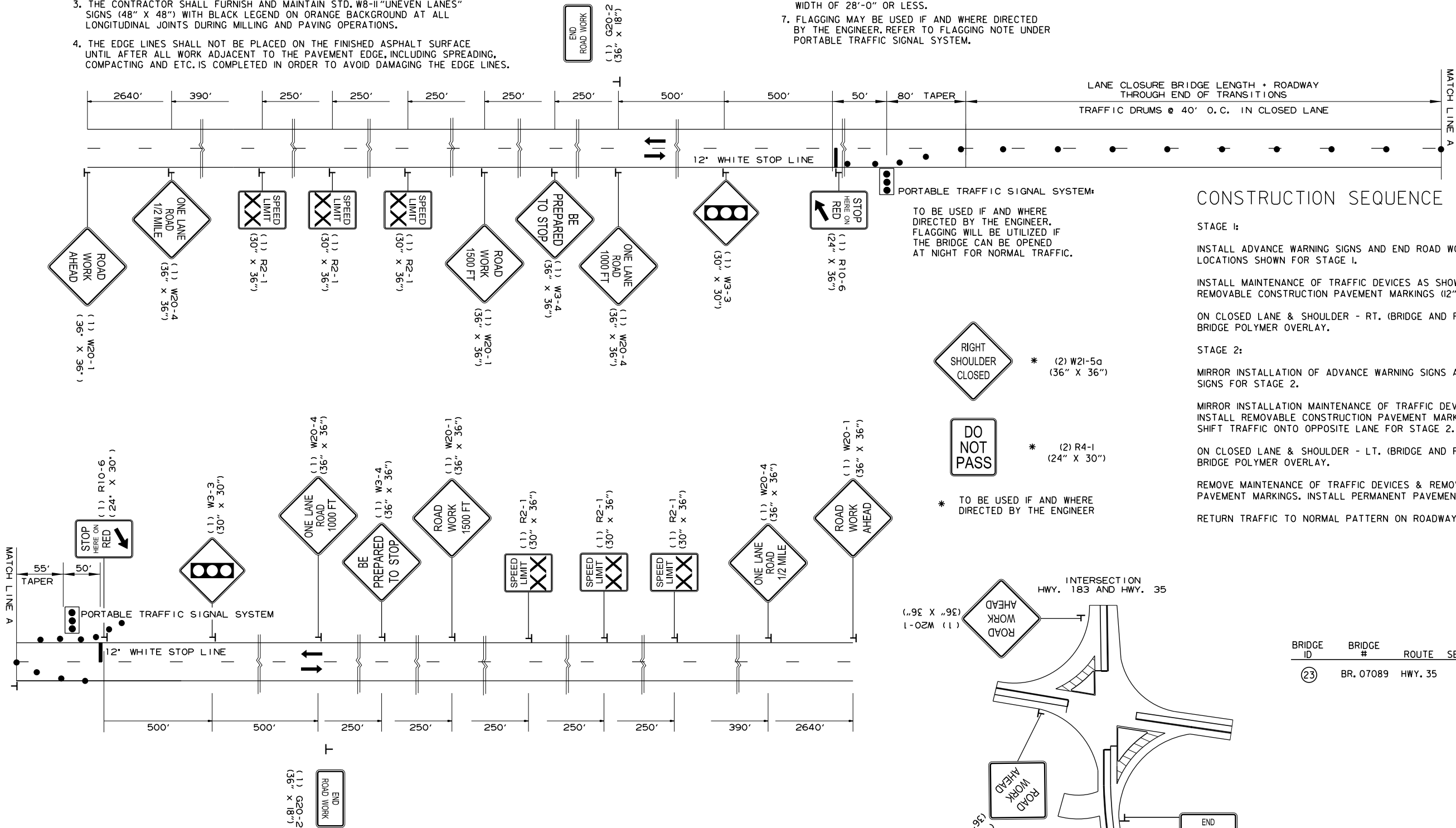
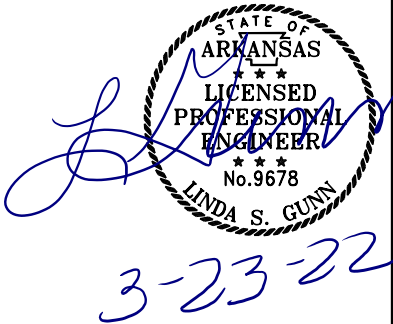
ADVANCE WARNING
(2 LANE ROADWAY)
MAINTENANCE OF
TRAFFIC DETAILS

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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. W8-1 "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. W8-11 "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.

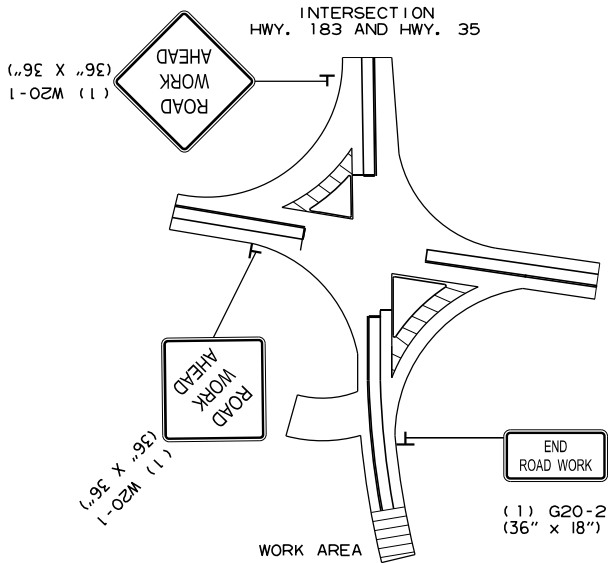
- MAINTENANCE OF TRAFFIC NOTES (CONT.):
6. VERTICAL PANELS MAY BE SUBSTITUTED FOR TRAFFIC DRUMS ON THE BRIDGE DECK IF AND WHERE DIRECTED BY THE ENGINEER WHEN ACTIVE WORK IS ONGOING. VERTICAL PANEL QUANTITIES ARE PROVIDED FOR BRIDGES WITH CLEAR ROADWAY WIDTH OF 28'-0" OR LESS.
 7. FLAGGING MAY BE USED IF AND WHERE DIRECTED BY THE ENGINEER. REFER TO FLAGGING NOTE UNDER PORTABLE TRAFFIC SIGNAL SYSTEM.

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	30	51
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.
- 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.
 - REMOVE MAINTENANCE OF TRAFFIC DEVICES & REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. INSTALL PERMANENT PAVEMENT MARKINGS.
 - RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY.



BRIDGE ID	BRIDGE #	ROUTE	SEC.	LOG MILE	TRAFFIC DRUMS	BR. DECK CLEAR ROADWAY WIDTH
(23)	BR. 07089	HWY. 35	1	2.658	24	52'

LEGEND

- TRAFFIC DRUM
- └ TEMPORARY TRAFFIC SIGN
- TRAFFIC FLOW ARROWS

LANE CLOSURE WITH TRAFFIC DRUMS & PORTABLE TRAFFIC SIGNAL SYSTEM OR FLAGGING FOR POLYMER OVERLAY (52' CLEAR ROADWAY ON THE BRIDGE DECK)

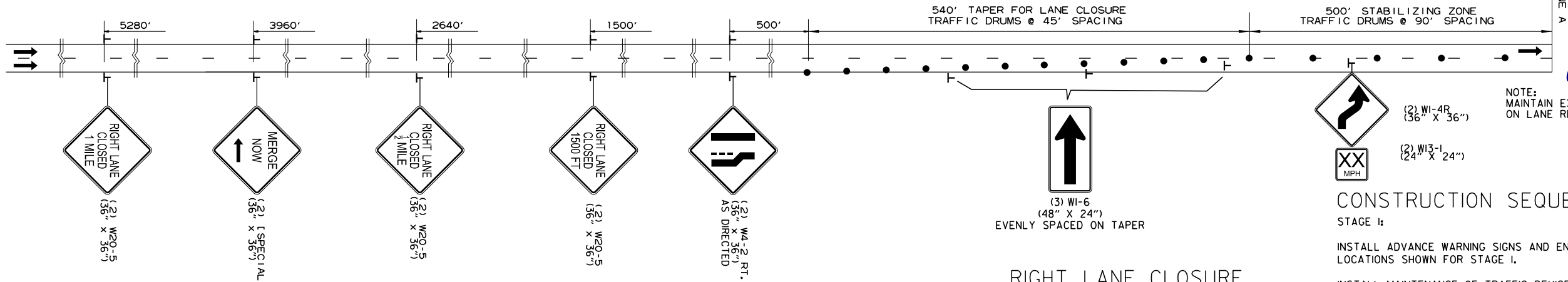
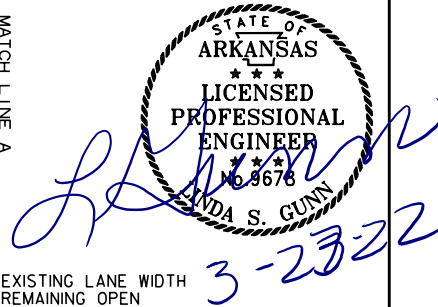
ADVANCE WARNING (2 & 3 LANE ROADWAY) MAINTENANCE OF TRAFFIC DETAILS

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REVISED DATE: \$*REDATE\$*

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	31	51
MAINTENANCE OF TRAFFIC DETAILS						

LEGEND

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



RIGHT LANE CLOSURE
(IN DIRECTION OF TRAFFIC)
STAGE 2

CONSTRUCTION SEQUENCE

STAGE 1:

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

INSTALL MAINTENANCE OF TRAFFIC DEVICES AS SHOWN IN STAGE 1 AND REMOVABLE CONSTRUCTION PAVEMENT MARKINGS.

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:

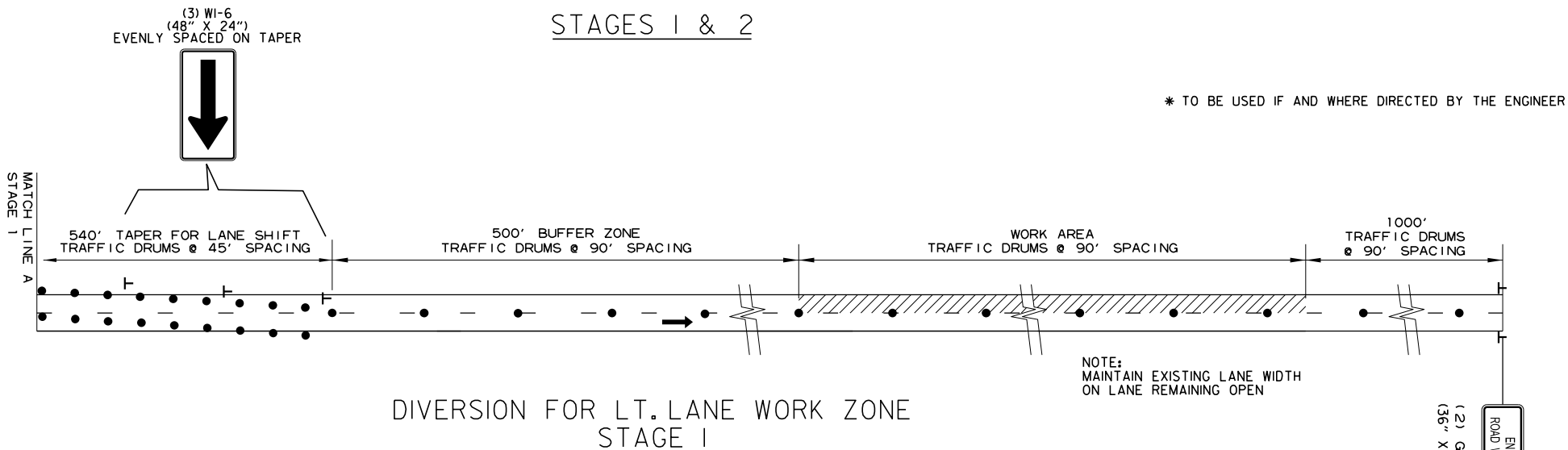
MIRROR INSTALLATION OF ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS FOR STAGE 2.

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.

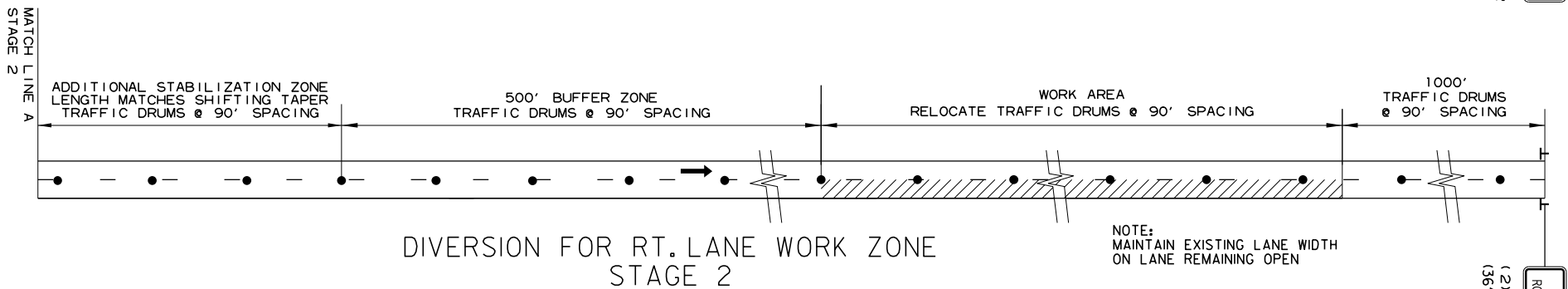
ON CLOSED LANE & SHOULDER - LT. (BRIDGE AND ROADWAY): CONSTRUCT BRIDGE POLYMER OVERLAY. REFER TO THE QUANTITY SHEETS FOR COLD MILLING OF ASPHALT PAVEMENT, AND ACHM SURFACE COURSE TRANSITIONS FOR THE LISTED BRIDGE SITES.

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

RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY.



DIVERSION FOR LT. LANE WORK ZONE
STAGE 1



DIVERSION FOR RT. LANE WORK ZONE
STAGE 2

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. B6493). 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".

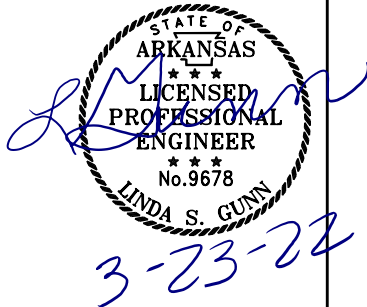
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DIST. 1	(4)	BR. A7043	HWY. 1	10	3.433	51	38'
	(5)	BR. B7043	HWY. 1	10	5.949	51	38'
DIST. 6	(15)	BR. A6426	HWY. 270	6	8.014	52	39' - 6"
	(16)	BR. B6426	HWY. 270	6	0.895	52	39' - 6"
	(17)	BR. A6427	HWY. 270	6	7.054	50	39' - 6"
	(18)	BR. B6427	HWY. 270	6	1.862	50	39' - 6"
	(19)	BR. A6493	HWY. 270	6	6.673	51	39' - 6"
	(20)	BR. B6493	HWY. 270	6	2.239	51	39' - 6"
	(30)	BR. A7017	HWY. 5	12	6.959	48	36'
	(31)	BR. B7017	HWY. 5	12	2.077	48	36'

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

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

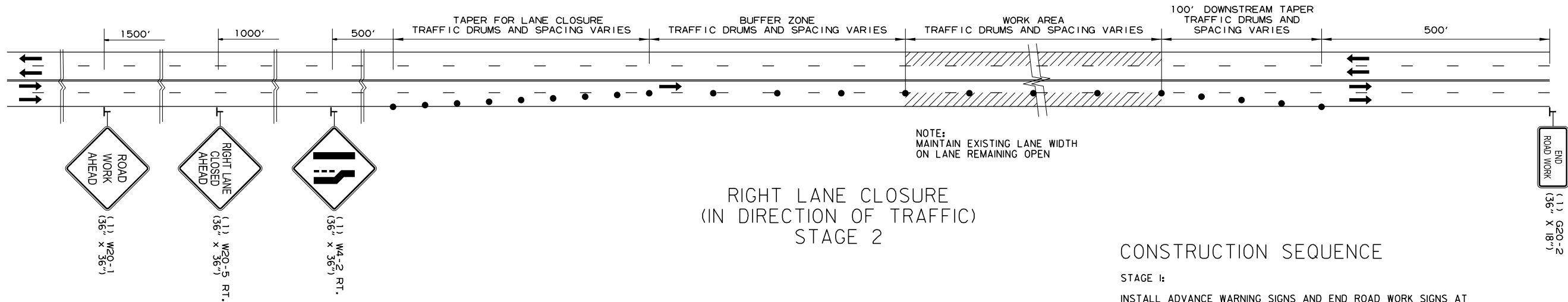
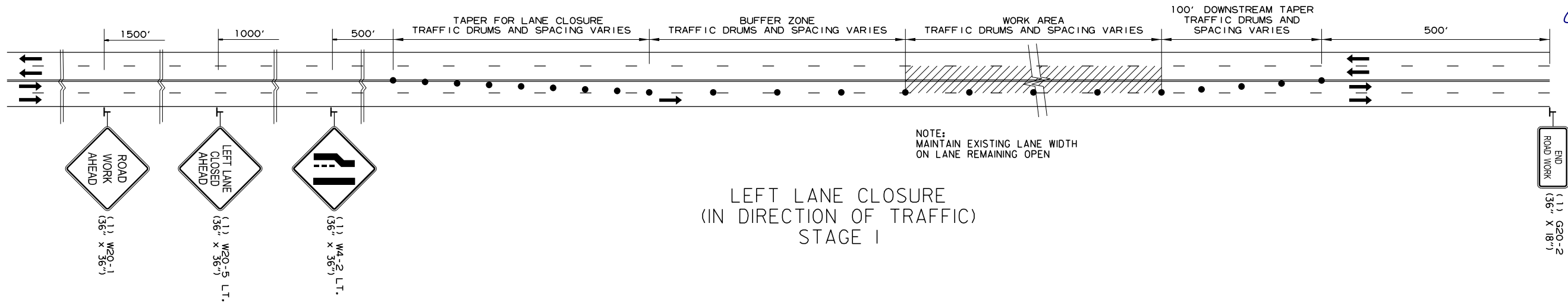
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REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	32	51
MAINTENANCE OF TRAFFIC DETAILS						



LEGEND

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



	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE	TRAFFIC DRUMS	CLEAR RDWY. WIDTH	TAPER LENGTH	TAPER DRUM SPACING	BUFFER LENGTH	TANGENT DRUM SPACING
DIST. 1	(3)	BR. 07032	HWY. 118	4	3.018	20	64'	540'	45' O.C.	360'	90' O.C.
DIST. 6	(21)	BR. 05872	HWY. 70	8	14.457	46	64'	245'	35' O.C.	250'	70' O.C.
	(22)	BR. 01093	HWY. 270	5	17.455	14	50'	180'	30' O.C.	200'	60' O.C.
	(24)	BR. 06827	HWY. 338	1	3.010	20	50'	180'	30' O.C.	200'	60' O.C.
	(25)	BR. 05943	HWY. 338	1	6.221	13	46'	165'	30' O.C.	200'	60' O.C.

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. 01093). 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".

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

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 AND ROADWAY TRANSITIONS, IF REQUIRED, FOR INSIDE TRAVEL LANES. REFER TO THE QUANTITY SHEETS FOR COLD MILLING OF ASPHALT PAVEMENT AND ACHM SURFACE COURSE TRANSITIONS FOR THE LISTED BRIDGE SITES.

STAGE 2:

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

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

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

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

ADVANCE WARNING
(4 LANE HIGHWAY)
MAINTENANCE
OF TRAFFIC DETAILS

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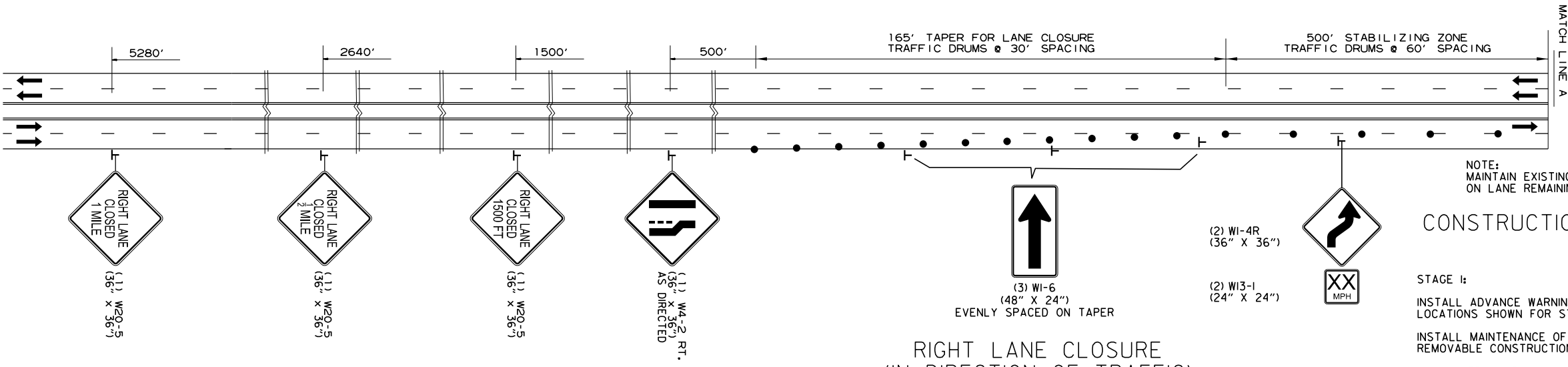
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	33	51
MAINTENANCE OF TRAFFIC DETAILS						

STATE OF
ARKANSAS

LICENSED
PROFESSIONAL
ENGINEER
No.9678
LINDA S. GUNN
3-23-22

LEGEND

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



RIGHT LANE CLOSURE
(IN DIRECTION OF TRAFFIC)
STAGE 2

CONSTRUCTION SEQUENCE

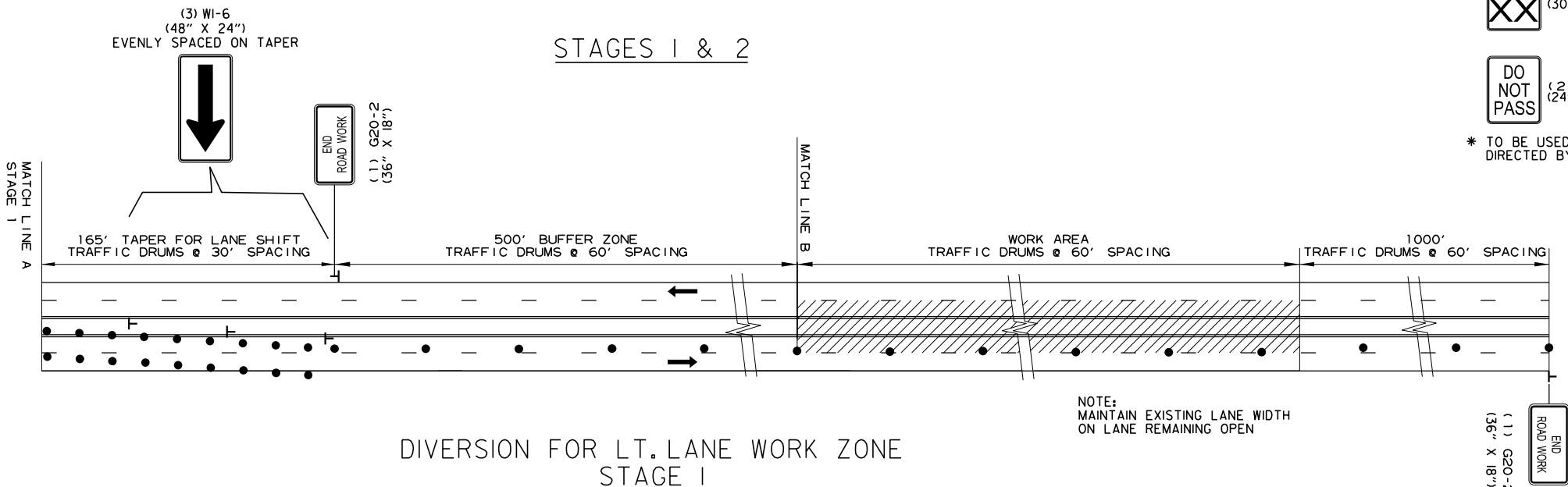
- STAGE 1:
- INSTALL ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN FOR STAGE 1.
 - INSTALL MAINTENANCE OF TRAFFIC DEVICES AS SHOWN IN STAGE 1 AND REMOVABLE CONSTRUCTION PAVEMENT MARKINGS (12" WH. STOP LINES).
 - ON CLOSED LANE & SHOULDER - RT. (BRIDGE AND ROADWAY): CONSTRUCT BRIDGE POLYMER OVERLAY.
- 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.
 - REMOVE MAINTENANCE OF TRAFFIC DEVICES & REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. INSTALL PERMANENT PAVEMENT MARKINGS.
 - RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY.

SPEED LIMIT (2) R2-1* (30" x 36")

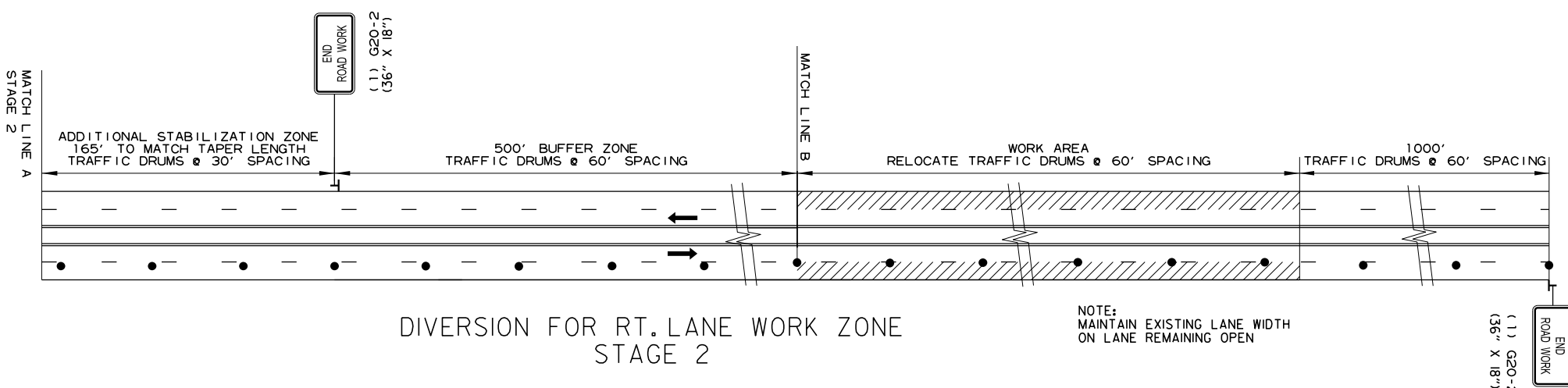
DO NOT PASS (2) R4-1 (24" x 30")

* TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER

STAGES 1 & 2



DIVERSION FOR LT. LANE WORK ZONE
STAGE 1



DIVERSION FOR RT. LANE WORK ZONE
STAGE 2

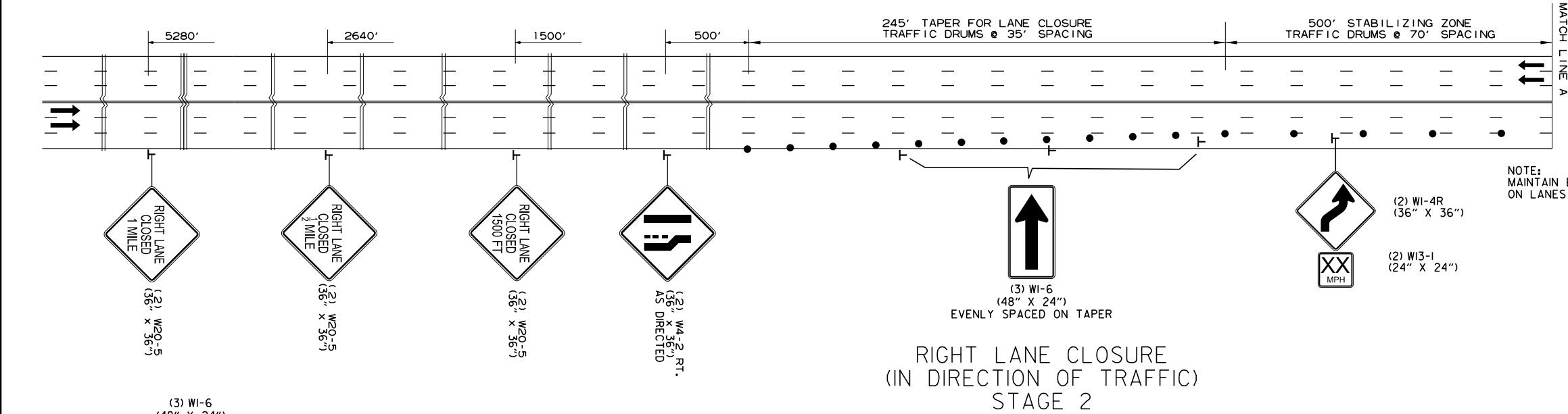
	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE	TRAFFIC DRUMS	CLEAR RDWY. WIDTH
DIST. 1	(6)	BR. 07042	HWY. 1	10	4.609	37	75'
DIST. 6	(28)	BR. 07053	HWY. 176	2	2.901	33	58'
DIST. 10	(36)	BR. 06501	HWY. 49	2	20.376	31	70'
	(37)	BR. 07086	HWY. 49	2	16.082	32	75'
	(39)	BR. 07038	HWY. 412	9	4.949	30	75'
	(40)	BR. 07039	HWY. 412	9	5.509	30	75'
	(41)	BR. 07040	HWY. 412	9	5.703	31	75'
	(42)	BR. 07041	HWY. 412	9	6.045	30	75'
	(43)	BR. 06971	HWY. 412	9	7.089	36	75'
	(44)	BR. 06972	HWY. 412	9	7.648	36	75'

LANE CLOSURE WITH TRAFFIC DRUMS
FOR POLYMER OVERLAY BRIDGE
5 LANE BRIDGE
(VAR. CLEAR ROADWAY WIDTHS ON BRIDGE DECK)

ADVANCE WARNING (5 LANE)
MAINTENANCE OF TRAFFIC DETAILS

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEET'S
		6	ARK.	012406	34	51
MAINTENANCE OF TRAFFIC DETAILS						

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 9678
LINDA S. GUNN
3-23-22



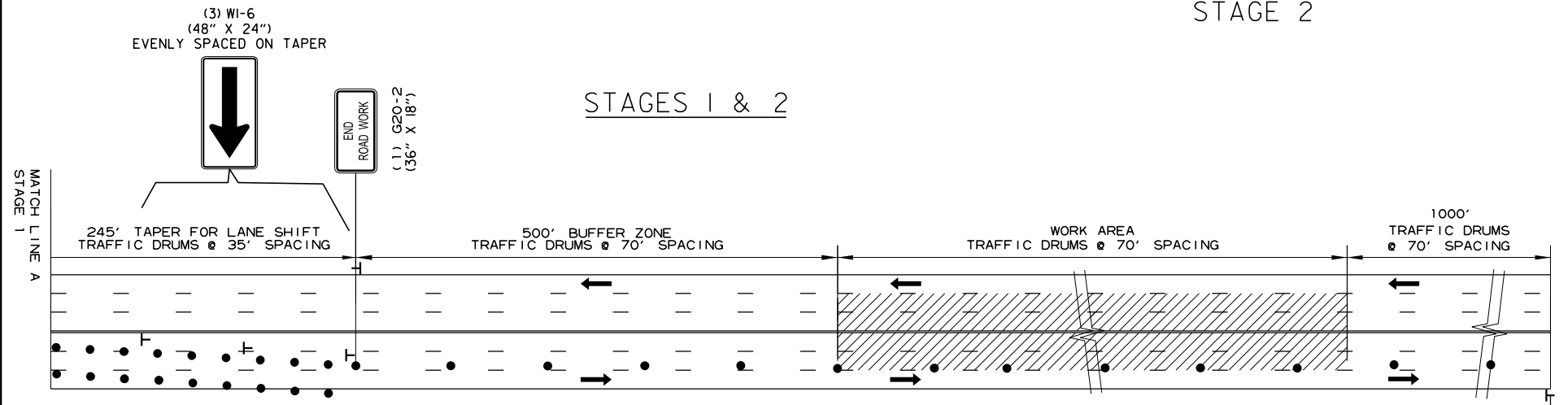
CONSTRUCTION SEQUENCE

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

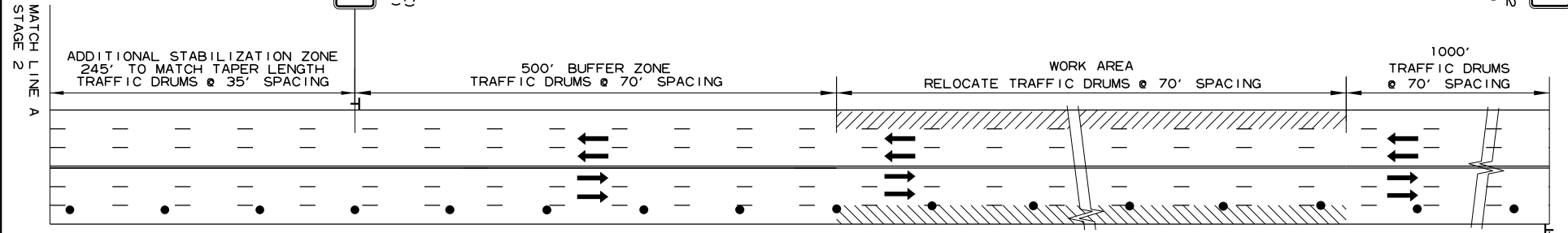
SPEED LIMIT XX (2) R2-1* (30" x 36")

DO NOT PASS (2) R4-1 (24" x 30")

* TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER



DIVERSION FOR LT. LANE WORK ZONE STAGE 1



DIVERSION FOR RT. LANE WORK ZONE STAGE 2

LANE CLOSURE WITH TRAFFIC DRUMS FOR POLYMER OVERLAY BRIDGE 6 LANE HIGHWAY

LEGEND

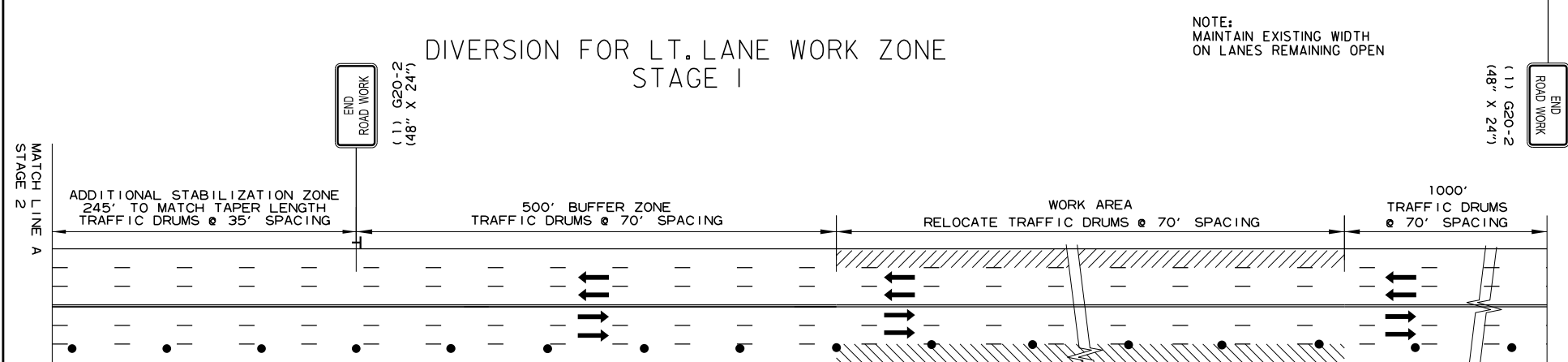
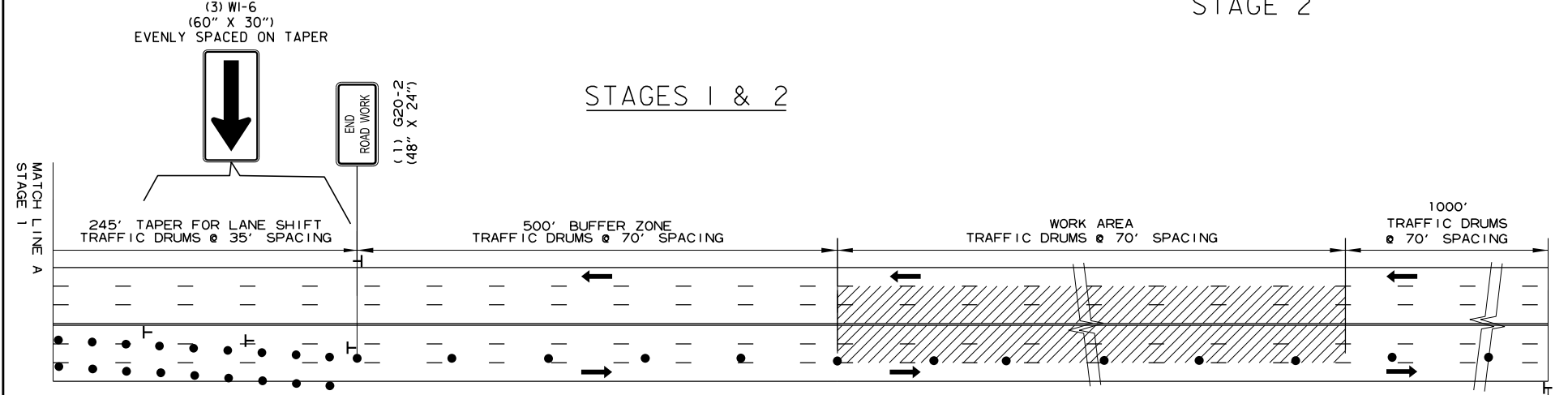
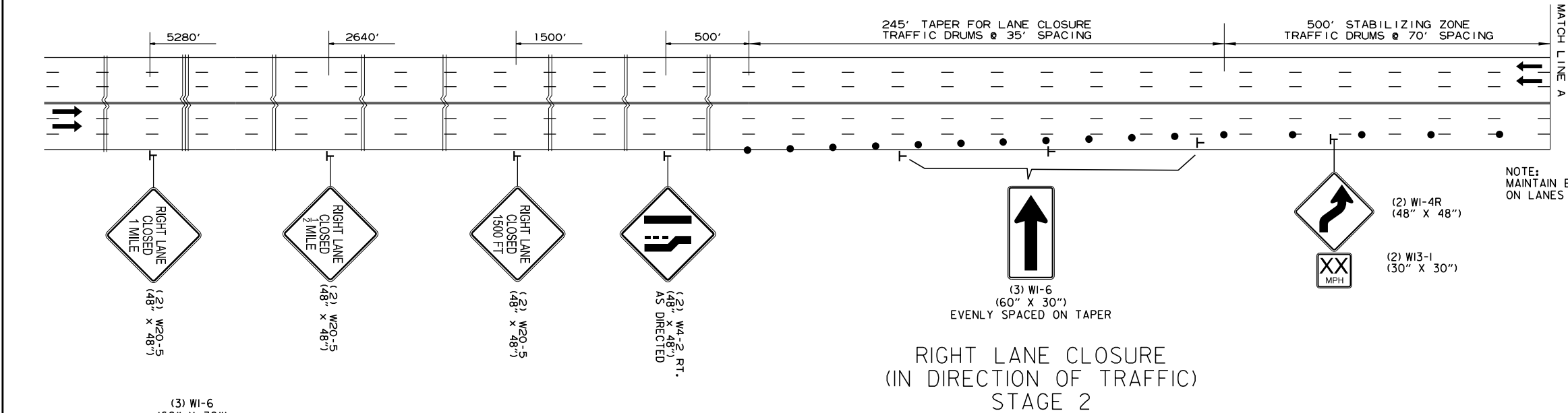
- TRAFFIC DRUM
- ⊥ TEMPORARY TRAFFIC SIGN
- TRAFFIC FLOW ARROWS

ADVANCE WARNING (6 LANE HIGHWAY)
MAINTENANCE OF TRAFFIC DETAILS

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	35	51
MAINTENANCE OF TRAFFIC DETAILS						



3-23-22



LEGEND	
•	TRAFFIC DRUM
+	TEMPORARY TRAFFIC SIGN
→	TRAFFIC FLOW ARROWS

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 RIGHT TRAVEL LANE & SHOULDER.
 - CONSTRUCT POLYMER OVERLAY ON BRIDGE FOR LEFT TRAVEL LANES. REFER TO THE QUANTITY SHEETS FOR COLD MILLING OF ASPHALT PAVEMENT, AND ACHM SURFACE COURSE TRANSITIONS FOR THE LISTED BRIDGE SITE.
- STAGE 2:
- RETAIN ADVANCE WARNING SIGNS AND END ROAD WORK SIGNS AT THE LOCATIONS SHOWN ON THE STAGE 2 ADVANCE WARNING DETAILS.
 - INSTALL STAGE 2 MAINTENANCE OF TRAFFIC DEVICES AND REMOVABLE CONSTRUCTION PAVEMENT MARKINGS. SHIFT TRAFFIC TO INSIDE LANES.
 - CONSTRUCT POLYMER OVERLAY ON BRIDGE FOR OUTSIDE TRAVEL LANES. REFER TO THE QUANTITY SHEETS FOR COLD MILLING OF ASPHALT PAVEMENT, AND ACHM SURFACE COURSE TRANSITIONS FOR THE LISTED BRIDGE SITE.
 - RETURN TRAFFIC TO NORMAL PATTERN ON ROADWAY. INSTALL PERMANENT PAVEMENT MARKINGS UNDER TRAFFIC.

SPEED LIMIT	(2) R2-1* (36" x 48")
DO NOT PASS	(2) R4-1 (36" x 48")

* TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER

	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE	TRAFFIC DRUMS	CLEAR RDWY. WIDTH
DIST. 6	(26)	BR. 05705	I-440	I	5.747	102	112'

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. 05705). 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.

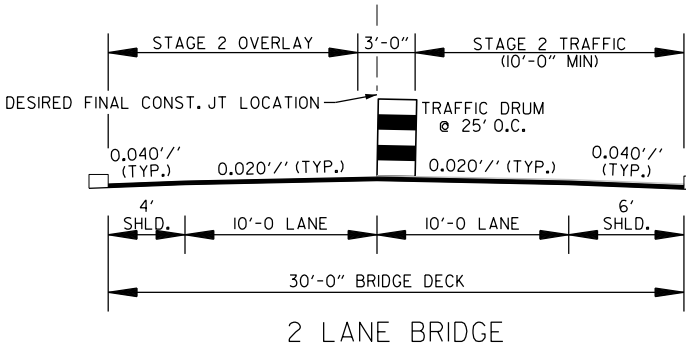
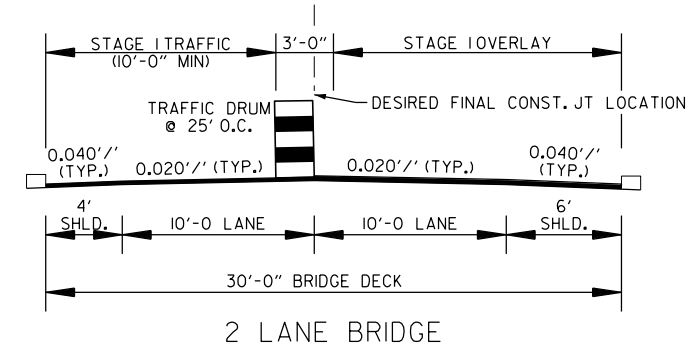
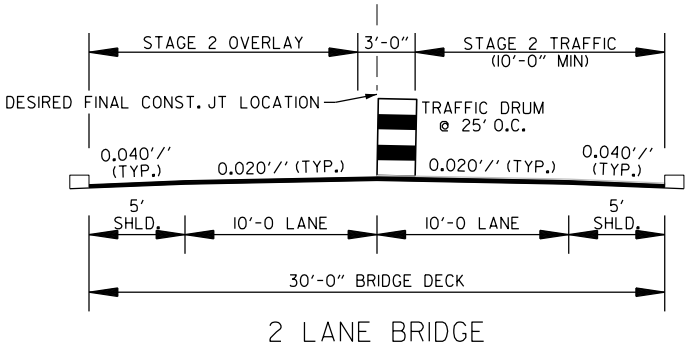
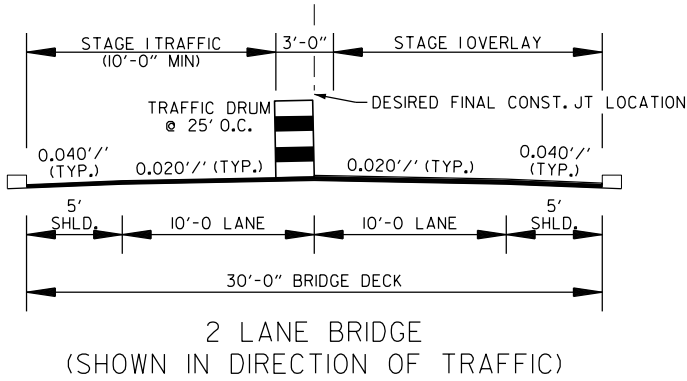
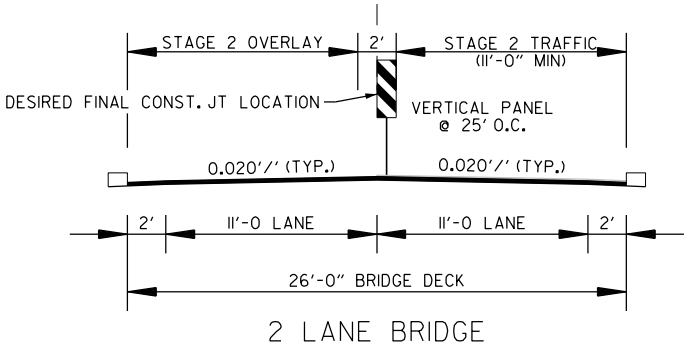
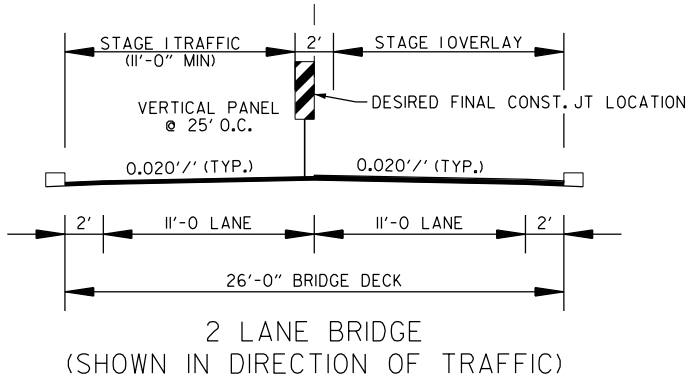
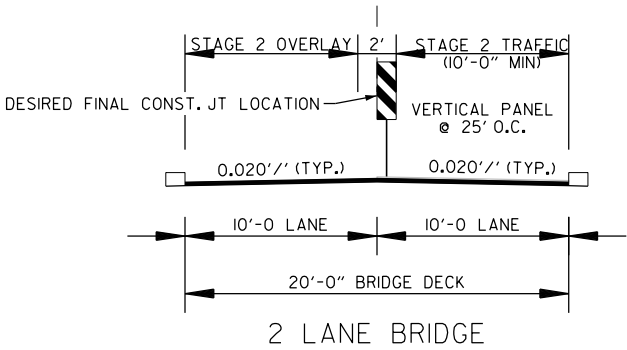
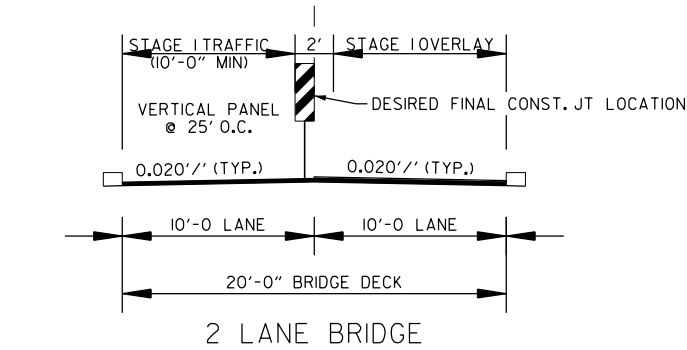
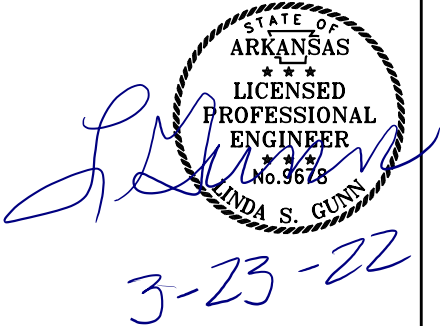
REFER TO STANDARD DRAWINGS TC-3, TC-4 AND TC-5, AND ALLOW 100' FOR THE TANGENT WORK SECTION.

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

LANE CLOSURE WITH TRAFFIC DRUMS
FOR POLYMER OVERLAY BRIDGE
6 LANE: I-440 ARKANSAS RIVER BRIDGE

ADVANCE WARNING
(6 LANE HIGHWAY)
BARRIER WALL DIVIDED ROADWAY
MAINTENANCE OF TRAFFIC DETAILS

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	36	51
MAINTENANCE OF TRAFFIC DETAILS						



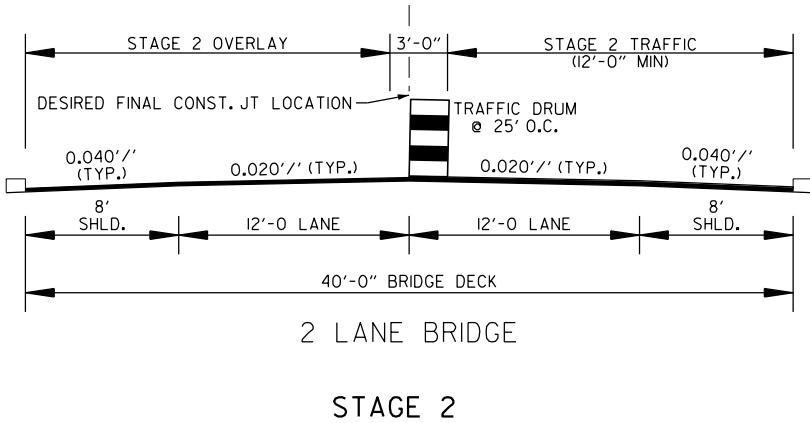
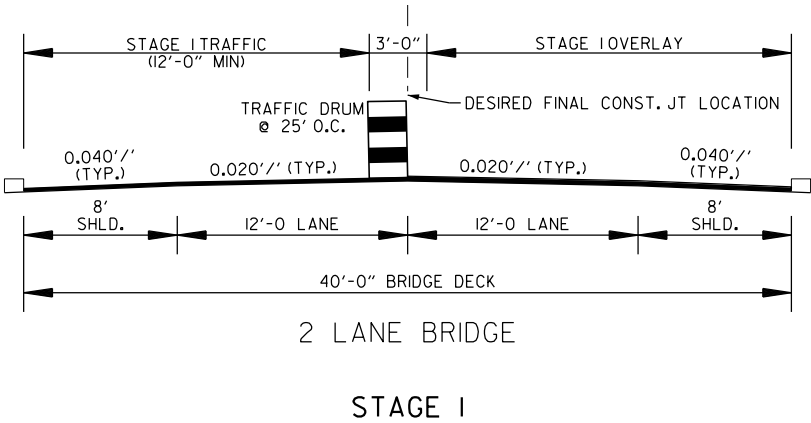
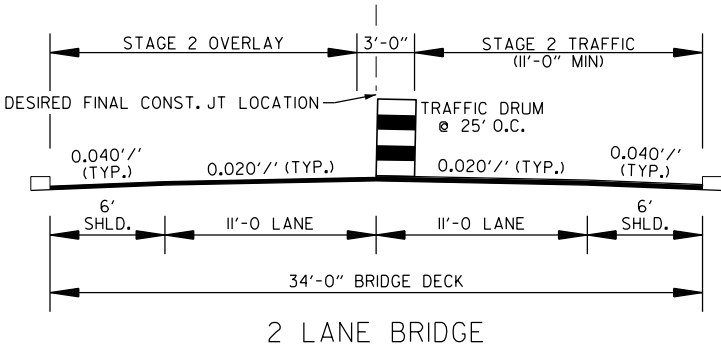
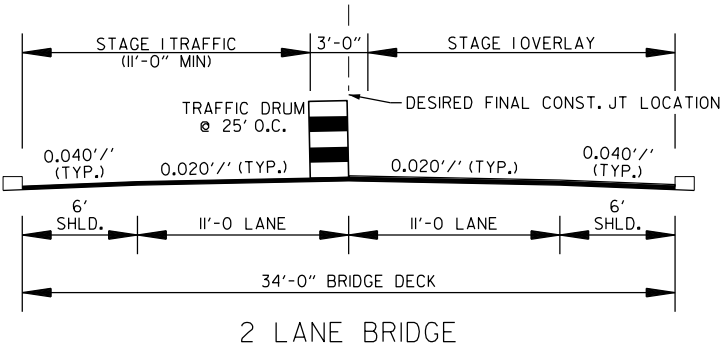
STAGE 1

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.	012406	37	51
MAINTENANCE OF TRAFFIC DETAILS						

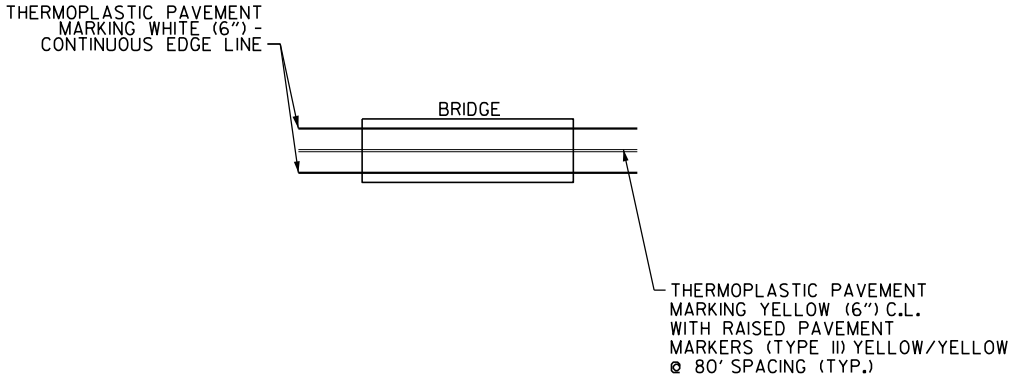
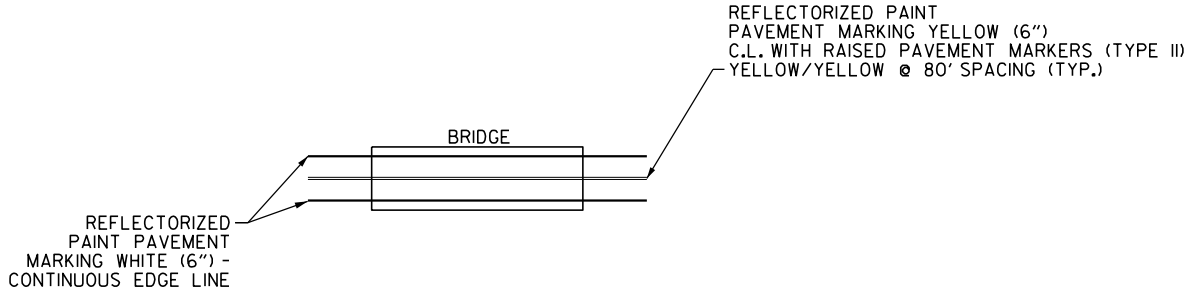

3-23-22



TYPICAL SECTIONS
(2 LANE ROADWAYS)
MAINTENANCE
OF TRAFFIC DETAILS

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REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	38	50
PERMANENT PAVEMENT MARKINGS DETAILS						



BRIDGES < 2,000 ADT

	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE		BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE
DIST. 1	①	BR. 06795	HWY. 79	18	2.774	DIST. 10	③⑧	BR. 06253	HWY. 34	3	9.718
	⑦	BR. 06978	HWY. 79	15	4.289		④⑤	BR. 06461	HWY. 158	1	11.584
DIST. 6	②⑦	BR. 03195	I-40 (O.P.)	0	0.461						
	③②	BR. 03225	I-40 (O.P.)	0	0.279						
	③③	BR. 06675	HWY. 70	16	14.725						

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

- NOTES:
- BRIDGE 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.

BRIDGES > 2,000 ADT

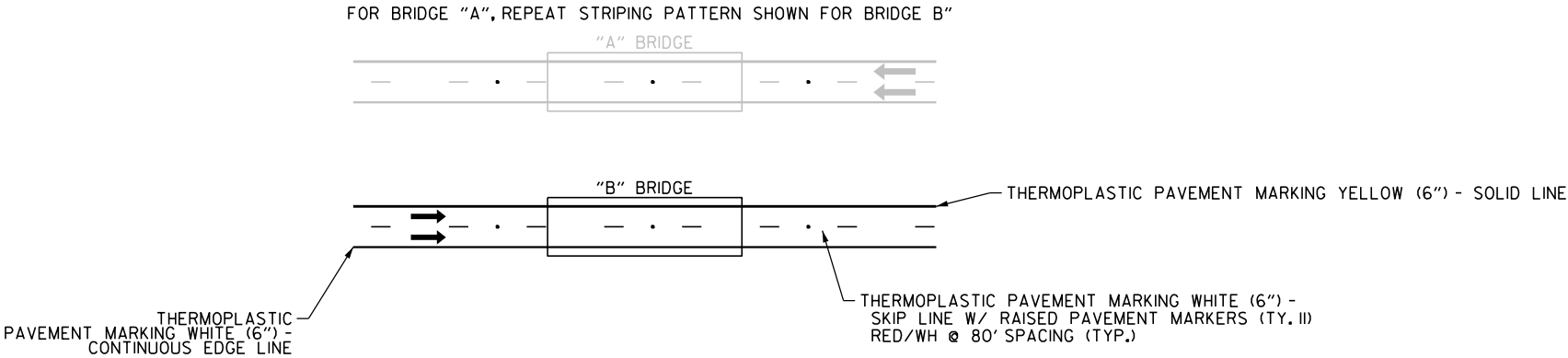
DIST. 2											
	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE		BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE
DIST. 5	⑧	BR. 06297	HWY. 25	3	3.959	DIST. 6	②⑨	BR. 05239	HWY. 5	12	6.382
	⑨	BR. 05242	HWY. 5	13	2.045						
	⑩	BR. 06797	HWY. 367	15	6.079	DIST. 10	③④	BR. 06150	HWY. 14	13	13.839
	⑪	BR. 06771	HWY. 69	3	13.840		③⑤	BR. 06012	HWY. 49	4	8.204
	⑫	BR. 05857	HWY. 69	3	9.212						
	⑬	BR. 05858	HWY. 69	3	6.445						
	⑭	BR. 06849	HWY. 230	1	0.703						

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REVISED DATE: **REVIDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	39	50
PERMANENT PAVEMENT MARKINGS DETAILS						



	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE
DIST. 1	④	BR. A7043	HWY. 1	10	3.433
	⑤	BR. B7043	HWY. 1	10	5.949
DIST. 6	③0	BR. A7017	HWY. 5	12	6.959
	③1	BR. B7017	HWY. 5	12	2.077

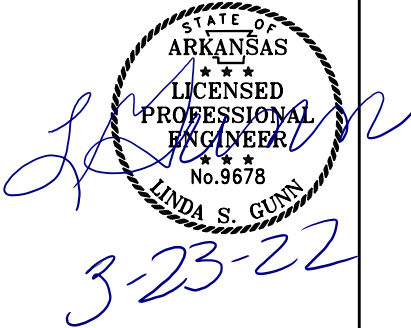


PERMANENT PAVEMENT MARKING DETAILS
2 LANE GRASS MEDIAN DIVIDED ROADWAYS
W/ BRIDGE

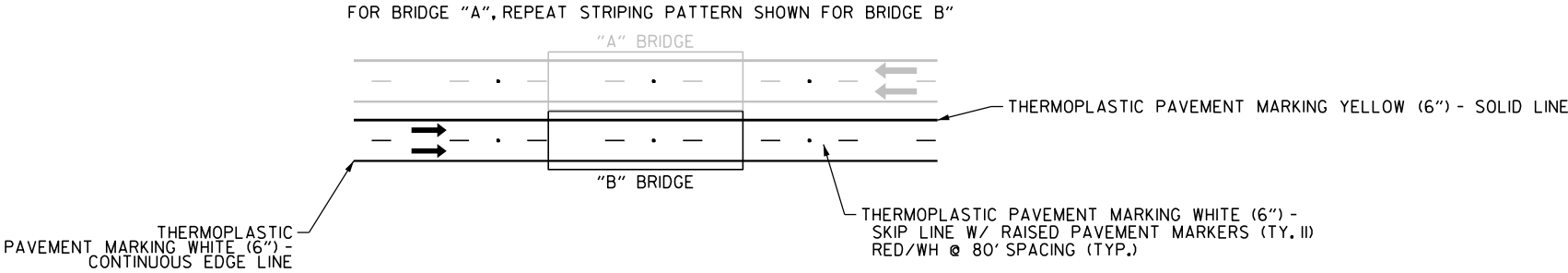
- NOTES:
- BRIDGE DIMENSIONS VARY FOR EACH SITE. REFER TO TYPICAL SECTIONS.
 - REFER TO "PERMANENT PAVEMENT MARKINGS" QUANTITY BOX FOR STRIPING AND RAISED PAVEMENT MARKER QUANTITIES AT EACH BRIDGE SITE.

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DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	40	50
PERMANENT PAVEMENT MARKINGS DETAILS						



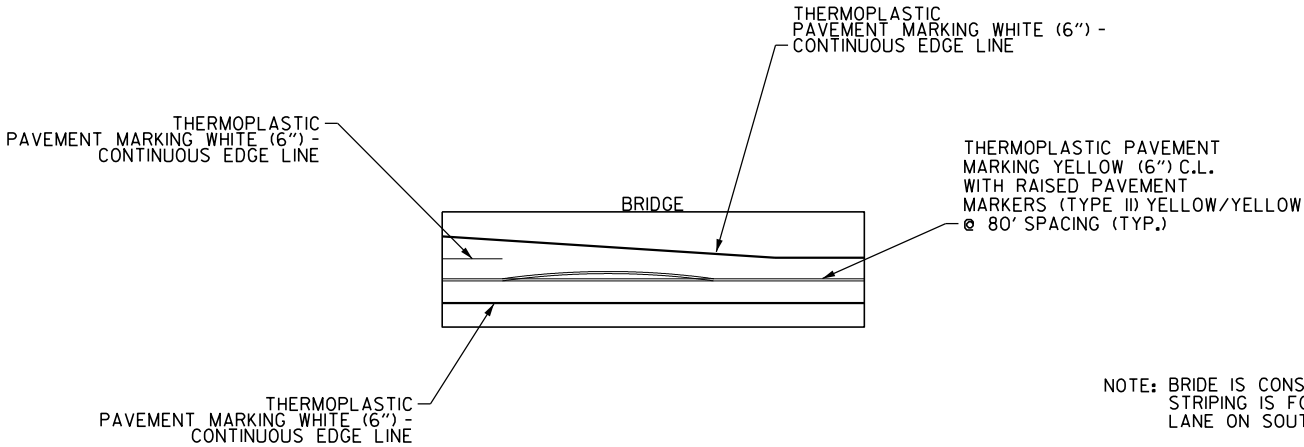
	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE
DIST. 6	(15)	BR. A6426	HWY. 270	6	8.014
	(16)	BR. B6426	HWY. 270	6	0.895
	(17)	BR. A6427	HWY. 270	6	7.054
	(18)	BR. B6427	HWY. 270	6	1.862
	(19)	BR. A6493	HWY. 270	6	6.673
	* (20)	BR. B6493	HWY. 270	6	2.239



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

- NOTES:
- BRIDGE 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.
 - * REFER TO QUANTITY BOX FOR ROADWAY TRANSITION STRIPING AT BR. SITE 20 - BR. B6493 DUE TO BACK WALL REPAIR.

	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE
DIST. 1	(23)	BR. 07089	HWY. 35	I	2.658

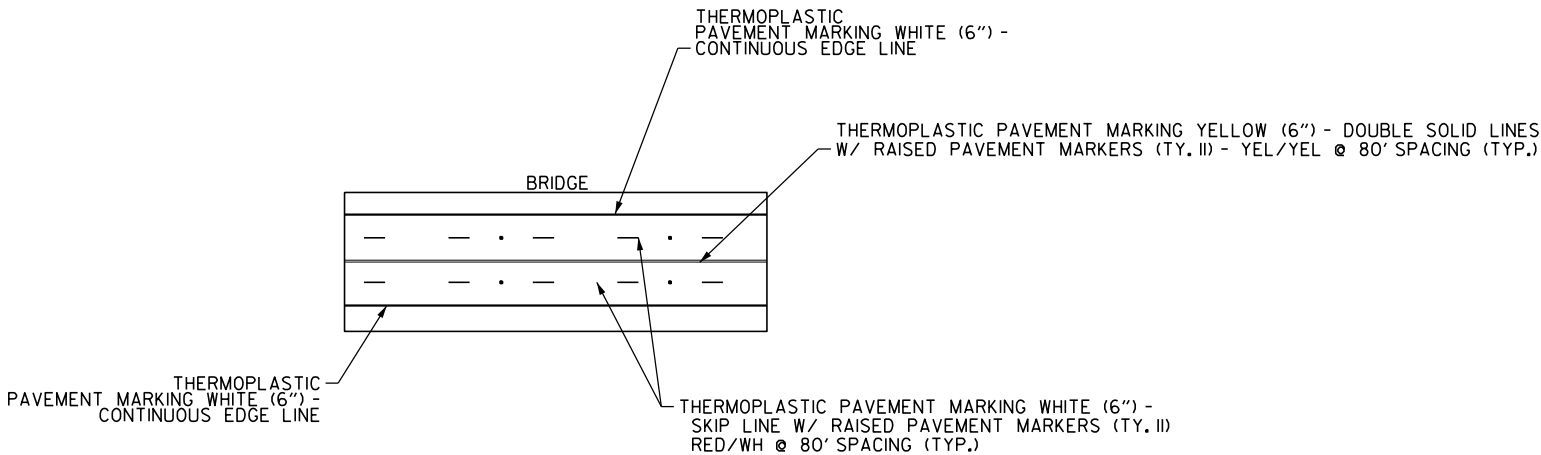
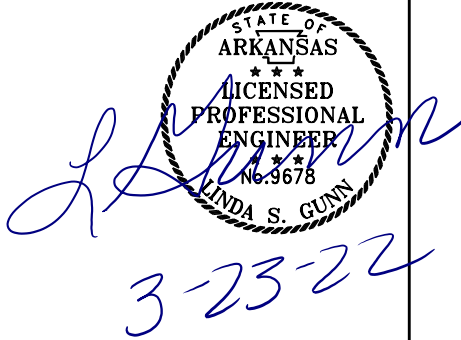


NOTE: BRIDGE IS CONSISTENT WIDTH. STRIPING IS FOR INTERSECTION TURN LANE ON SOUTH END OF BRIDGE.

PERMANENT PAVEMENT MARKING DETAILS
2 TO 3 LANE ROADWAY TRANSITION
W/ BRIDGE

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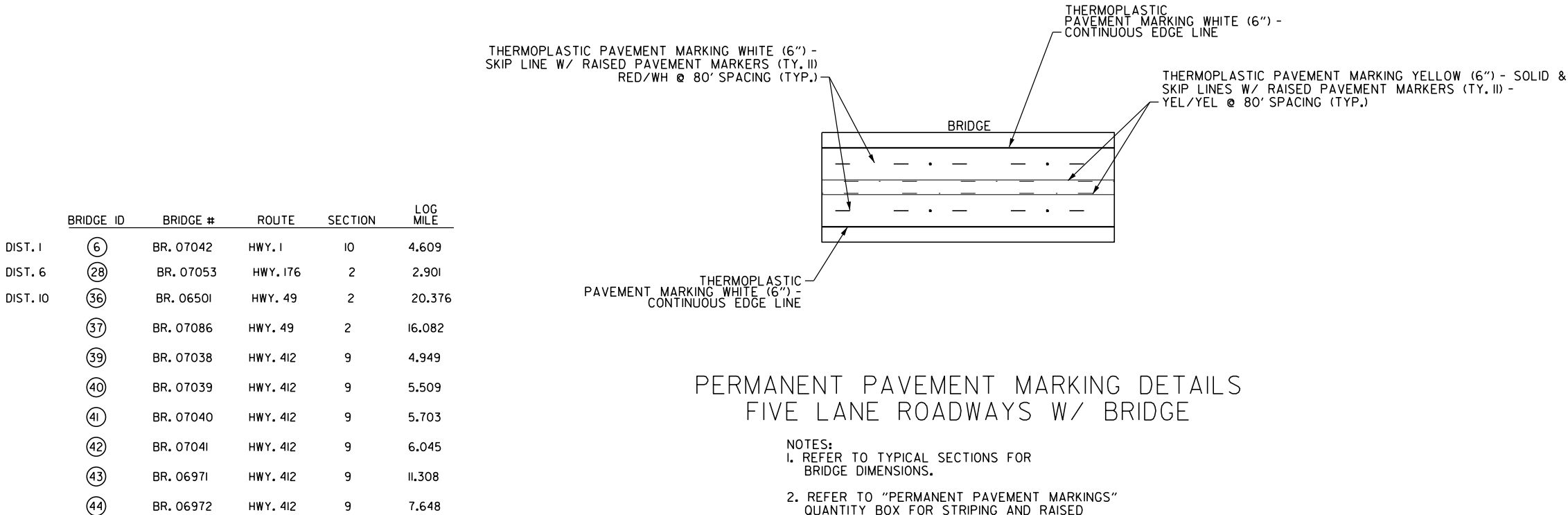
DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	41	50
PERMANENT PAVEMENT MARKINGS DETAILS						



	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE
DIST. 1	③	BR. 07032	HWY. 118	4	3.018
DIST. 6	②1	BR. 05872	HWY. 70	8	14.457
	* ②2	BR. 01093	HWY. 270	5	17.455
	②4	BR. 06827	HWY. 338	1	3.010
	②5	BR. 05943	HWY. 338	1	6.221

PERMANENT PAVEMENT MARKING DETAILS
FOUR LANE ROADWAYS W/ BRIDGE

- NOTES:
1. REFER TO TYPICAL SECTIONS FOR BRIDGE DIMENSIONS.
 2. REFER TO "PERMANENT PAVEMENT MARKINGS" QUANTITY BOX FOR STRIPING AND RAISED PAVEMENT MARKER QUANTITIES AT EACH BRIDGE SITE.
 - * 3. REFER TO QUANTITY BOX FOR ROADWAY TRANSITION STRIPING AT BR. SITE 22 - 01093 DUE TO BACK WALL REPAIR.



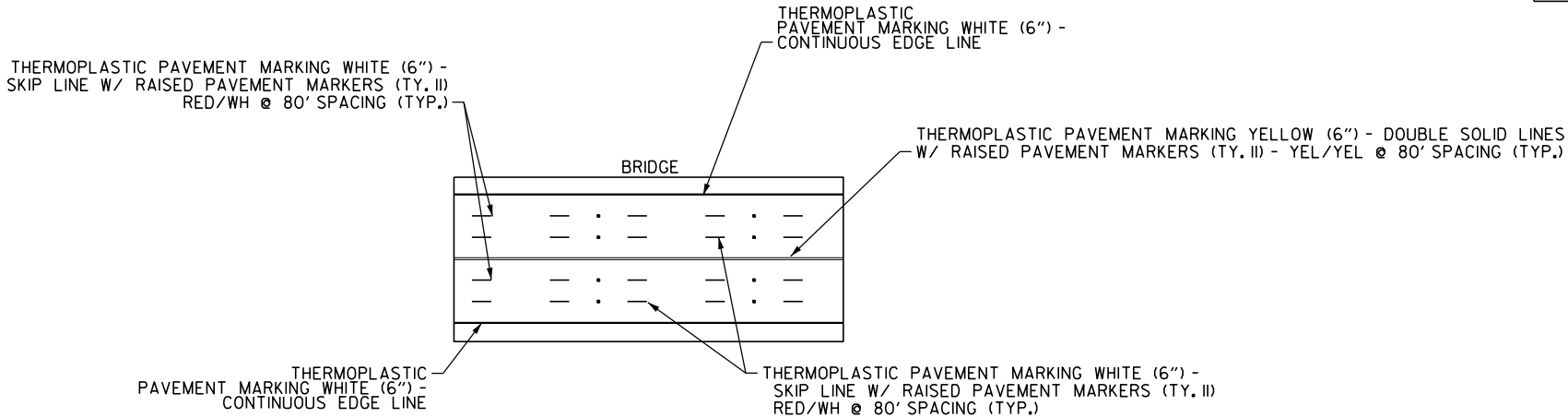
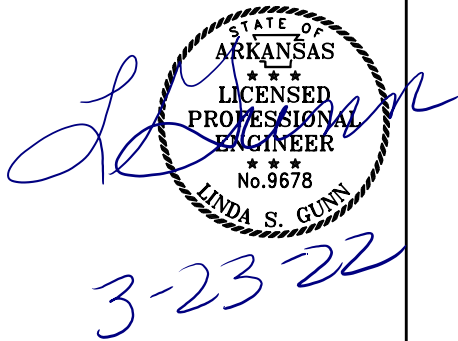
	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE
DIST. 1	⑥	BR. 07042	HWY. 1	10	4.609
DIST. 6	②8	BR. 07053	HWY. 176	2	2.901
DIST. 10	③6	BR. 06501	HWY. 49	2	20.376
	③7	BR. 07086	HWY. 49	2	16.082
	③9	BR. 07038	HWY. 412	9	4.949
	④0	BR. 07039	HWY. 412	9	5.509
	④1	BR. 07040	HWY. 412	9	5.703
	④2	BR. 07041	HWY. 412	9	6.045
	④3	BR. 06971	HWY. 412	9	11.308
	④4	BR. 06972	HWY. 412	9	7.648

PERMANENT PAVEMENT MARKING DETAILS
FIVE LANE ROADWAYS W/ BRIDGE

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

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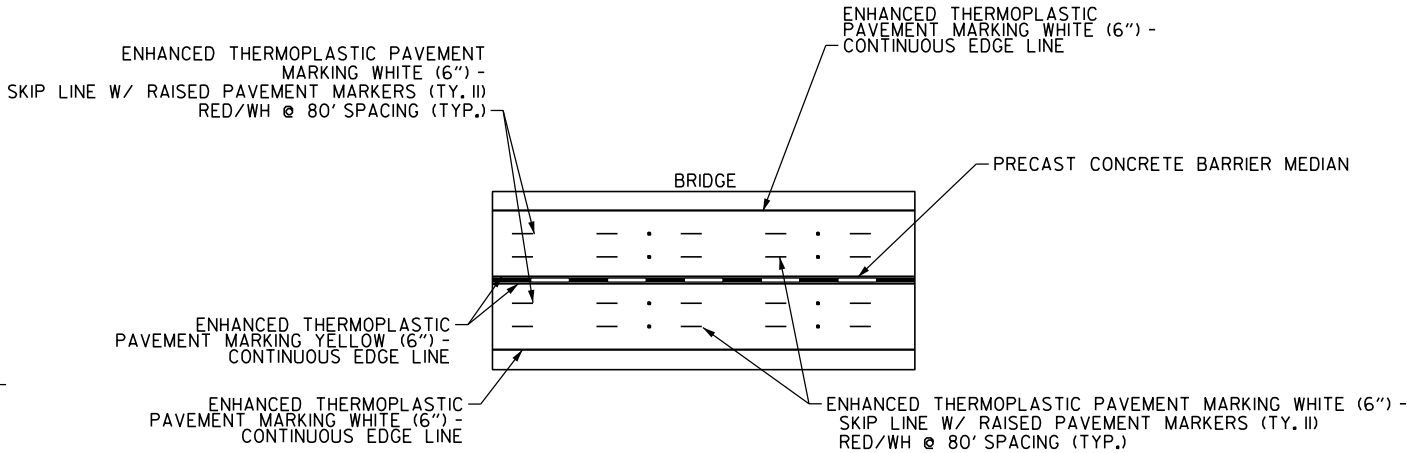
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	42	50
PERMANENT PAVEMENT MARKINGS DETAILS						



	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE
DIST. 1	②	BR. 07026	HWY. 118	4	3.280

PERMANENT PAVEMENT MARKING DETAILS
SIX LANE ROADWAYS W/ BRIDGE

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



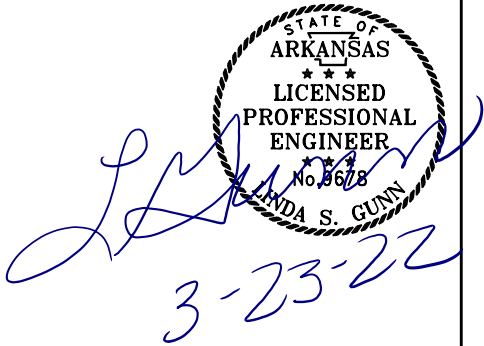
	BRIDGE ID	BRIDGE #	ROUTE	SECTION	LOG MILE
DIST. 6	* ②6	BR. 05705	I-440	I	5.747

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

- NOTES:
1. REFER TO TYPICAL SECTIONS FOR BRIDGE DIMENSIONS.
 2. REFER TO "PERMANENT PAVEMENT MARKINGS" QUANTITY BOX FOR STRIPING AND RAISED PAVEMENT MARKER QUANTITIES AT EACH BRIDGE SITE.
 - * 3. REFER TO QUANTITY BOX FOR ROADWAY TRANSITION STRIPING AT BR. SITE 26 - 05705 DUE TO BACK WALL REPAIR.

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REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEET'S
		6	ARK.	012406	43	51
QUANTITIES						



ADVANCE WARNING SIGNS AND DEVICES - DISTRICTS 1, 5, 6, & 10 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	FURNISHING & INSTALLING PRECAST CONC. BARRIER	RELOCATING PRECAST CONCRETE BARRIER	TEMPORARY IMPACT ATTENUATION BARRIER	TEMP.IMPACT ATTEN.BARR. (REPAIR)	* PORTABLE TRAFFIC SIGNAL SYSTEM-ACTUATED	*PORTABLE CHANGEABLE MESSAGE SIGN
			LIN. FT. - EACH			NO.	SQ. FT.							EACH	
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"	1	1	1	1	10.0								
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 (RIGHT)	36"x36"	8	8	8	8	72.0								
SPECIAL	MERGE NOW	36"x36"	8	8	8	8	72.0								
SUBTOTALS (DISTRICTS 1, 5, 6, & 10 - ADVANCE WARNING SIGNS - HIGHWAY):							1616.0								
ADVANCE DEVICES															
	VERTICAL PANELS		42	42	42			42							
	TRAFFIC DRUMS		252	252	252				252						
	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER				5316					5316					
	RELOCATING PRECAST CONCRETE BARRIER				5130						5130				
	TEMPORARY IMPACT ATTENUATION BARRIER				6							6			
	TEMPORARY IMPACT ATTENUATION BARRIER (REPAIR)				6								6		
	PORTABLE TRAFFIC SIGNAL SYSTEM-ACTUATED													45	
	PORTABLE CHANGEABLE MESSAGE SIGN														165
SUBTOTALS (DISTRICT 1, 5, 6, & 10 - ADVANCE DEVICES):								42	252	5316	5130	6	6	45	165
PROJECT TOTALS (DISTRICTS 1, 5, 6, & 10):							1616.0	42	252	5316	5130	6	6	45	165

ALL MOT ITEMS ARE TO BE RELOCATED BETWEEN BRIDGE SITES AND DISTRICTS IF AND WHERE DIRECTED BY THE ENGINEER, THE TOTALS REPRESENT AN ESTIMATED USAGE.

NOTES: ALL LOCATIONS HAVE BOTH HIGH AND LOW TRAFFIC VOLUMES IN DISTRICTS 1, 5, 6, & 10 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. 01093, B6493, 05705)' IN DISTRICT 6.

* THE PORTABLE CHANGEABLE MESSAGE SIGN QUANTITY IS ESTIMATED AND BASED ON USE IF AND WHERE DIRECTED BY THE ENGINEER FOR LONG BRIDGE STRUCTURES IF THE ENGINEER APPROVES ENTIRE
LENGTH CLOSURE TO EXPEDITE THE WORK. (BR. NO. 06675, BR. NO. 05872, & BR. NO. 05705)

* THE PORTABLE TRAFFIC SIGNAL SYSTEM - ACTUATED QUANTITY IS ESTIMATED AND TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER FOR TWO LANE BRIDGES. TRAINED FLAGGERS ARE TO BE USED IF
AND WHERE DIRECTED BY THE ENGINEER FOR BRIDGES THAT CAN BE RETURNED TO NORMAL TRAFFIC WHEN THE CONTRACTOR LEAVES THE SITE AFTER THE WORK SHIFT.

QUANTITIES ESTIMATED.
SEE SECTION 104.03 OF THE STD SPECS.

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REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	0I2406	44	5I
QUANTITIES						

CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS - DIST. 1 (BOX 1 OF 4)

BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	DESCRIPTION	REMOVABLE CONST. PAVEMENT MARKINGS	RAISED PAVEMENT MARKERS		ENHANCED THERMOPLASTIC PAVEMENT MARKING		THERMOPLASTIC PAVEMENT MARKING		REFLECTORIZED PAINT PAVEMENT MARKING	
						TYPE II	TYPE II	6"		6"		6"	
						(WHITE/RED)	(YELLOW/YELLOW)	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW
						EACH	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.
1	06795	79	2.774	WHITE	160							696	
				YELLOW R.P.M.	696		4					696	
2	07026	118	3.280	WHITE	1327				1327		885		
				YELLOW R.P.M.		11	6						
3	07032	118	3.018	WHITE	300				300				
				YELLOW R.P.M.	240				240				
4	A7043	1	3.433	WHITE	447	3	2		447				
				YELLOW R.P.M.	358	9	2		358				
5	B7043	1	5.949	WHITE	447				447				
				YELLOW R.P.M.	358	9	2		358				
6	07042	1	4.609	WHITE	1373				1373		1373		
				YELLOW R.P.M.	1373	14	14						
7	06978	79	4.289	WHITE	160						614		
				YELLOW R.P.M.	614		4				614		
SUBTOTALS (DIST. 1):					7853	46	34		3894	3214	1310	1310	

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 TWO LANE PROJECT SITES. 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. 5 (BOX 2 OF 4)

BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	DESCRIPTION	REMOVABLE CONST. PAVEMENT MARKINGS	RAISED PAVEMENT MARKERS		ENHANCED THERMOPLASTIC PAVEMENT MARKING	THERMOPLASTIC PAVEMENT MARKING		REFLECTORIZED PAINT PAVEMENT MARKING		
						TYPE II (WHITE/RED)	TYPE II (YELLOW/YELLOW)	6"		6"		6"	
								WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW
8	06297	25	3.959	WHITE	160				305				
				YELLOW R.P.M.	305					305			
							2						
9	05242	5	2.045	WHITE	136				168				
				YELLOW R.P.M.	168					168			
							1						
10	06797	367	6.079	WHITE	160				505				
				YELLOW R.P.M.	505					505			
							3						
11	06771	69	13.840	WHITE	160				1816				
				YELLOW R.P.M.	1816					1816			
							11						
12	05857	69	9.212	WHITE	120				210				
				YELLOW R.P.M.	210					210			
							1						
13	05858	69	6.445	WHITE	160				292				
				YELLOW R.P.M.	292					292			
							2						
14	06849	230	0.703	WHITE	160				186				
				YELLOW R.P.M.	186					186			
							1						
SUBTOTALS (DIST. 5):					4538		21		3482	3482			

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 TWO LANE PROJECT SITES. 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. 6 (BOX 3 OF 4)

BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	DESCRIPTION	REMOVABLE CONST. PAVEMENT MARKINGS	RAISED PAVEMENT MARKERS		ENHANCED THERMOPLASTIC PAVEMENT MARKING		THERMOPLASTIC PAVEMENT MARKING		REFLECTORIZED PAINT PAVEMENT MARKING	
						TYPE II	TYPE II	6"		6"		6"	
						(WHITE/RED)	(YELLOW/YELLOW)	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW
						EACH		LIN. FT.		LIN. FT.		LIN. FT.	
15	A6426	270	8.014	WHITE	434					434			
				YELLOW	348					348			
				R.P.M.		9	2						
16	B6426	270	0.895	WHITE	434					434			
				YELLOW	348					348			
				R.P.M.		9	2						
17	A6427	270	7.054	WHITE	193					193			
				YELLOW	154					154			
				R.P.M.		4	1						
18	B6427	270	1.862	WHITE	193					193			
				YELLOW	154					154			
				R.P.M.		4	1						
19	A6493	270	6.673	WHITE	324					324			
				YELLOW	259					259			
				R.P.M.		6	2						
20	B6493	270	2.239	WHITE	324					324			
				YELLOW	259					259			
				R.P.M.		6	2						
21	05872	70	14.457	WHITE	3525					3525			
				YELLOW	2820					2820			
				R.P.M.		35	18						
22	01093	270	17.455	WHITE	407					407			
				YELLOW	426					426			
				R.P.M.		4	3						
23	07089	35	2.658	WHITE	208					505			
				YELLOW	505					505			
				R.P.M.			3						
24	06827	338	3.010	WHITE	1010					1010			
				YELLOW	808					808			
				R.P.M.		10	5						
25	05943	338	6.221	WHITE	350					350			
				YELLOW	280					280			
				R.P.M.		4	2						
26	05705	I-440	5.747	WHITE	12570			12570					
				YELLOW	8480				8480				
				R.P.M.		105	53						
27	03195	I-40 (O.P.)	0.461	WHITE	104							432	
				YELLOW	432							432	
				R.P.M.			3						
28	07053	176	2.901	WHITE	795					795			
				YELLOW	795					795			
				R.P.M.		8	8						
29	05239	5	6.382	WHITE	136					168			
				YELLOW	168					168			
				R.P.M.			1						
30	A7017	5	6.959	WHITE	133					133			
				YELLOW	106					106			
				R.P.M.		3	1						
31	B7017	5	2.077	WHITE	133					133			
				YELLOW	106					106			
				R.P.M.		3	1						
32	03225	I-40 (O.P.)	0.279	WHITE	80							453	
				YELLOW	453							453	
				R.P.M.			3						
33	06675	70	14.725	WHITE	160							6604	
				YELLOW	6604							6604	
				R.P.M.			41						
SUBTOTALS (DIST. 6):					45018	210	152	12570	8480	8928	7536	7489	7489

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.

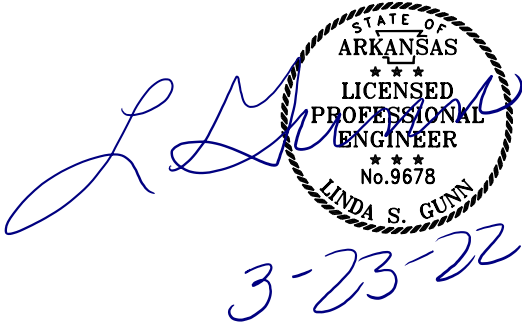
THE 6" YELLOW STRIPING QUANTITY HAS BEEN ESTIMATED BASED ON A DOUBLE YELLOW CENTERLINE STRIPE FOR TWO LANE PROJECT SITES. THE PROJECT MUST BE MARKED FOR PASSING/NO PASSING ZONES PRIOR TO THE PLACEMENT OF ANY FINAL STRIPING. CONTACT THE MAINTENANCE DIVISION AFTER THE FINAL LIFT OF SURFACE COURSE HAS BEEN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



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WORKSPACE: AR001
REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012406	45	51
QUANTITIES						



CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS - DIST. 10 (BOX 4 OF 4)

BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	DESCRIPTION	REMOVABLE CONST. PAVEMENT MARKINGS	RAISED PAVEMENT MARKERS		ENHANCED THERMOPLASTIC PAVEMENT MARKING		THERMOPLASTIC PAVEMENT MARKING		REFLECTORIZED PAINT PAVEMENT MARKING	
						TYPE II (WHITE/RED)	TYPE II (YELLOW/YELLOW)	6"		6"		6"	
								WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW
34	06150	14	13.839	WHITE	160					304			
				YELLOW	304					304			
				R.P.M.		2							
35	06012	49	8.204	WHITE	160					150			
				YELLOW	150					150			
				R.P.M.		1							
36	06501	49	20.376	WHITE	413					413			
				YELLOW	413					413			
				R.P.M.	4	4							
37	07086	49	16.082	WHITE	534					534			
				YELLOW	534					534			
				R.P.M.	5	5							
38	06253	34	9.718	WHITE	120							214	
				YELLOW	214							214	
				R.P.M.		1							
39	07038	412	4.949	WHITE	228					228			
				YELLOW	228					228			
				R.P.M.	2	2							
40	07039	412	5.509	WHITE	228					228			
				YELLOW	228					228			
				R.P.M.	2	2							
41	07040	412	5.703	WHITE	358					358			
				YELLOW	358					358			
				R.P.M.	4	4							
42	07041	412	6.045	WHITE	228					228			
				YELLOW	228					228			
				R.P.M.	2	2							
43	06971	412	7.089	WHITE	1155					1155			
				YELLOW	1155					1155			
				R.P.M.	12	12							
44	06972	412	7.648	WHITE	1155					1155			
				YELLOW	1155					1155			
				R.P.M.	12	12							
45	06461	158	11.584	WHITE	120							387	
				YELLOW	387							387	
				R.P.M.		2							
SUBTOTALS (DIST. 10):					10213	43	49			4753	4753	601	601

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 TWO LANE PROJECT SITES. THE PROJECT MUST BE MARKED FOR PASSING/NO PASSING ZONES PRIOR TO THE PLACEMENT OF ANY FINAL STRIPING. CONTACT THE MAINTENANCE DIVISION AFTER THE FINAL LIFT OF SURFACE COURSE HAS BEEN PLACED TO SCHEDULE THE ZONING OF THE PROJECT.

SUBTOTALS DIST. 1 - (BOX 1 OF 4):	7853	46	34			3894	3214	1310	1310
SUBTOTALS DIST. 5 - (BOX 2 OF 4):	4538		21			3482	3482		
SUBTOTALS DIST. 6 - (BOX 3 OF 4):	45018	210	152	12570	8480	8928	7536	7489	7489
SUBTOTALS DIST. 10 - (BOX 4 OF 4):	10213	43	49			4753	4753	601	601
PROJECT TOTALS:	67622	299	256	12570	8480	21057	18985	9400	9400

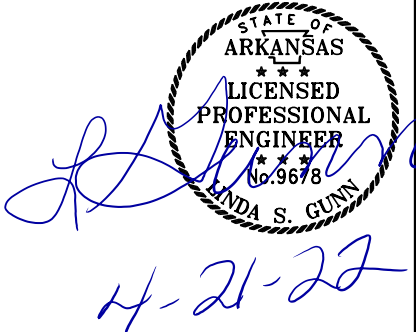
NOTE: 2 LANE ROADS HAVE BOTH HIGH AND LOW TRAFFIC VOLUME IN DISTRICT 2 AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. REFER TO PERMANENT PAVEMENT MARKING DETAILS FOR LIST OF HIGH AND LOW ROADS IN EACH DISTRICT.

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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REVISED DATE: **REDATE**

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
04-21-22		6	ARK.	012406	46	51
QUANTITIES						



COLD MILLING ASPHALT PAVEMENT - DIST. 6 (BOX 1 OF 1)

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.
20	B6493	270	2.239	TRANSITION	2	100.00	39.5	438.89
22	01093	270	17.455	TRANSITION	2	100.00	50	555.56
26	05705	I-440	5.747	TRANSITION	2	100.00	112	1244.44
SUBTOTAL (DIST. 6):								2238.89

SUBTOTAL (DIST. 6):	2238.89
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*AVERAGE DEPTH OF ASPHALT IS ESTIMATED AND SHOWN FOR INFORMATION ONLY.

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

SUBTOTAL DIST. 6 - (BOX 1 OF 1):	2238.89
PROJECT TOTALS:	2238.89

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

BASE AND SURFACING - MAIN LANE TRANSITIONS - DIST. 6 (BOX 1 OF 1)

BR. ID # (TITLE SHEET)	BR. STRUCTURE NO.	ROUTE	LOG MILE	LOCATION	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 70-22
						FEET	FEET	GALLON					
20	B6493	270	2.239	MAIN LANE TRANSITION	100.00	24	266.67	45.33	45.33	24	266.67	220	29.33
22	01093	270	17.455	MAIN LANE TRANSITION	100.00	48	533.33	90.67	90.67	48	533.33	220	58.67
26	05705	I-440	5.747	MAIN LANE TRANSITION	100.00	72	800.00	136.00	136.00	72	800.00	220	88.00
SUBTOTALS (DIST. 6):									272.00				176.00

SUBTOTALS (DIST. 6):									272.00				176.00
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BASIS OF ESTIMATE (DIST. 6)
PG 70-22 ACHM SURFACE COURSE (1/2").....94.9% MIN. AGGR.....5.1% ASPHALT BINDER

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

SUBTOTALS DIST. 6 - (BOX 1 OF 1):									272.00				176.00
PROJECT TOTALS:									272.00				176.00

BASIS OF ESTIMATE (DIST. 6)
PG 70-22 ACHM SURFACE COURSE (1/2").....94.9% MIN. AGGR.....5.1% ASPHALT BINDER

MAXIMUM NUMBER OF GYRATIONS = 160 FOR PG 70-22

Travis Keymer 3/29/2022 3:04:48 PM
WORKSPACE: ARDOT
Y:\Projects\ARDOT_186557_012406_Bridge Preservation\Design\BRIDGE - wo AG\Drawings\B012406_Q1.dgn
REVISED DATE:

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.		012406	47	51

① DISTRICTS 1, 5, 6, & 10 BRIDGES - QUANTITIES - 65097

SCHEDULE OF BRIDGE QUANTITIES - JOB NO. 012406

DISTRICT	SITE NO.	COUNTY	ROUTE	SECTION	LOG MILE	BRIDGE NO.	SP & 509	SS & 804	SS & 804	SS & 809	821	SP JOB 012406	SP JOB 012406
							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.
1	1	CRITTENDEN	HWY. 79	18	2.774	06795 ①			590	112 ⑤		690.0	1,533.4
	2	CRITTENDEN	HWY. 118	4	3.280	07026 ①			1,580	187 ⑤		1,848.0	4,106.7
	3	CRITTENDEN	HWY. 118	4	3.018	07032 ①	128		330			384.0	853.4
	4	LEE	HWY. 1	10	3.433	A7043 ①			580	136 ⑤		672.6	1,494.7
	5	LEE	HWY. 1	10	5.949	B7043 ①			580	136 ⑤		672.6	1,494.7
	6	LEE	HWY. 1	10	4.609	07042 ①⑥			1,750			2,051.3	4,558.4
	7	LEE	HWY. 79	15	4.289	06978 ①			520	87 ⑤		610.0	1,355.6
TOTALS FOR DISTRICT 1							128		5,930	658		6,928.5	15,396.9
5	8	CLEBURNE	HWY. 25	3	3.959	06297 ①			260	199 ⑤		300.0	666.7
	9	WHITE	HWY. 5	13	2.045	05242 ①	68	130				142.8	317.4
	10	WHITE	HWY. 367	15	6.079	06797 ①			430	90 ⑤		500.0	1,111.2
	11	INDEPENDENCE	HWY. 69	3	13.840	06771 ①			1,520		1 ⑦	1,782.6	3,961.2
	12	INDEPENDENCE	HWY. 69	3	9.212	05857 ①	60	140				157.5	350.0
	13	INDEPENDENCE	HWY. 69	3	6.445	05858 ①			250	174 ⑤		288.0	640.0
	14	SHARP	HWY. 230	1	0.703	06849 ①			160	112 ⑤		180.0	400.0
TOTALS FOR DISTRICT 5							128	270	2,620	575		3,350.9	7,446.5
6	15	GARLAND	HWY. 270	6	8.014	A6426 ①			580	98 ⑤		681.4	1,514.2
	16	GARLAND	HWY. 270	6	0.895	B6426 ①			580	98 ⑤		681.4	1,514.2
	17	GARLAND	HWY. 270	6	7.054	A6427 ①			260	89 ⑤		300.2	667.2
	18	GARLAND	HWY. 270	6	1.862	B6427 ①			260	89 ⑤		300.2	667.2
	19	GARLAND	HWY. 270	6	6.673	A6493 ①			440	86 ⑤		507.6	1,128.0
	20	GARLAND	HWY. 270	6	2.239	B6493 ①			440	86 ⑤		507.6	1,128.0
	21	GARLAND	HWY. 70	8	14.457	05872 ①		3,840		135 ⑤	1 ⑨	4,512.0	10,026.7
	22	GARLAND	HWY. 270	5	17.455	01093 ①		340		300 ⑤	1 ⑧	400.0	888.8
	23	SALINE	HWY. 35	1	2.658	07089 ①			560	118 ⑤		650.0	1,444.5
	24	PULASKI	HWY. 338	1	3.010	06827 ①			860	174 ⑤		1,002.5	2,227.8
	25	PULASKI	HWY. 338	1	6.221	05943 ①	138	280				322.0	715.6
	26	PULASKI	I-440	1	5.747	05705 ①③		19,940		356 ⑤	1 ⑩	23,452.0	52,115.6
	27	PULASKI	I-40 (O.P)	33	157.220	03195 ①		240				278.2	618.3
	28	PULASKI	HWY. 176	2	2.901	07053 ①			780	149 ⑤		916.4	2,036.5
	29	LONOKE	HWY. 5	12	6.382	05239 ②	68	130				142.8	317.4
	30	LONOKE	HWY. 5	12	6.959	A7017 ①			170			190.8	424.0
	31	LONOKE	HWY. 5	12	2.077	B7017 ①			170			190.8	424.0
	32	LONOKE	I-40 (O.P)	43	171.037	03225 ①		200				224.0	497.8
	33	PRAIRIE	HWY. 70	16	14.725	06675 ①			5,610		1 ⑪	6,600.0	14,666.7
TOTALS FOR DISTRICT 6							206	24,970	10,710	1,778		41,859.9	93,022.5
10	34	POINSETT	HWY. 14	13	13.839	06150 ②		260		174 ⑤		300.0	666.7
	35	CRAIGHEAD	HWY. 49	4	8.204	06012 ②	80	130				150.0	333.4
	36	GREENE	HWY. 49	2	20.376	06501 ①			490	205 ⑤		567.0	1,260.0
	37	GREENE	HWY. 49	2	16.082	07086 ①			670	219 ⑤		787.5	1,750.0
	38	GREENE	HWY. 34	3	9.718	06253 ①		140				160.5	356.7
	39	GREENE	HWY. 412	9	4.949	07038 ①			300			341.4	758.6
	40	GREENE	HWY. 412	9	5.509	07039 ①			300			341.3	758.4
	41	GREENE	HWY. 412	9	5.703	07040 ①			460			536.3	1,191.7
	42	GREENE	HWY. 412	9	6.045	07041 ①			300			341.3	758.4
	43	GREENE	HWY. 412	9	11.308	06971 ①⑥			1,470			1,725.0	3,833.4
	44	GREENE	HWY. 412	9	7.648	06972 ①⑥			1,470			1,725.0	3,833.4
	45	MISSISSIPPI	HWY. 158	1	11.584	06461 ①		250		76 ⑤		286.5	636.7
TOTALS FOR DISTRICT 10							80	780	5,460	674		7,261.8	16,137.4
TOTALS FOR JOB 012406							542	26,020 ④	24,720 ④	3,685		59,401.1 ④	132,003.3

- ① EXISTING BRIDGE DECK HAS NO ASPHALT OVERLAY.
- ② EXISTING BRIDGE DECK HAS REMNANTS OF AN ASPHALT OVERLAY NEAR THE BRIDGE ENDS.
- ③ EXISTING BRIDGE DECK HAS SPALLS FILLED WITH ASPHALT.
- ④ QUANTITY SHOWN IS FOR ESTIMATING AND BIDDING PURPOSES ONLY. ACTUAL QUANTITY, IF ANY, WILL BE DETERMINED IN THE FIELD.
- ⑤ EXISTING BRIDGE HAS FILLED JOINTS TO BE REMOVED AND REPLACED WITH POURED SILICONE JOINTS.
- ⑥ REMOVE IMPACTED DEBRIS FROM STRIP SEAL JOINTS BY POWERWASHING TOP OF JOINTS. COST WILL BE CONSIDERED SUBSIDIARY TO OTHER ITEMS OF WORK.
- ⑦ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REMOVAL OF DEBRIS AT SLIDER PLATE JOINTS BY POWERWASHING TOP OF JOINTS.
- ⑧ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REPAIR OF BACKWALL AND JOINT ARMOR AT BENT 1.
- ⑨ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REMOVAL OF DEBRIS AT FINGER JOINTS BY POWERWASHING TROUGH THROUGH ACCESS BETWEEN FINGERS.
- ⑩ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REPAIR OF BACKWALL AND JOINT ARMOR AT SOUTH ABUTMENT AS WELL AS REMOVAL OF DEBRIS AT FINGER JOINTS BY POWERWASHING TROUGH THROUGH ACCESS BETWEEN FINGERS.
- ⑪ MODIFICATION OF EXISTING BRIDGE STRUCTURE INCLUDES REMOVAL OF DEBRIS AT SLIDER PLATE JOINTS BY POWERWASHING TOP OF JOINTS AND AT FINGER JOINTS BY POWERWASHING TROUGH THROUGH ACCESS BETWEEN FINGERS.



BRIDGE ENGINEER
PRINT DATE: 3/29/2022

DRAWN BY: ERBB DATE: 01/2022
CHECKED BY: SFH DATE: 02/2022
DESIGNED BY: ERBB DATE: 01/2022
BRIDGE NO. DISTRICTS 1, 5, 6, & 10 BRIDGES
DRAWING NO. 65097

FILENAME: B012406_Q1.dgn
SCALE: NO SCALE

SCHEDULE OF BRIDGE QUANTITIES
DISTRICTS 1, 5, 6, & 10
BRIDGE PRESERVATION (2022) (S)
VARIOUS COUNTIES
ROUTE VARIES SECTION VARIES
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS

BRIDGE NO.	EXISTING DWG. NO(S).
06795	40857
07026	47255
07032	47339
A7043	47602
B7043	47627
07042	47581
06978	46110
06297	29747
05242	15883
06797	40897
06771	41005, 41006
05857	23330
05858	23335A
06849	42337
A6426	32518
B6426	32518
A6427	32529
B6427	32529
A6493	33121
B6493	33121, 33123, 33124, 33128, 33131
05872	23602
01093	19170, 19171, 19176, 19176A
07089	48998
06827	44291
05943	24952
05705	22479, 22483, 22486, 22508, 22525
03195	09795
07053	47757
05239	15880
A7017	46876
B7017	46876
03225	09974
06675	37723 - 37727
06150	27706
06012	25899
06501	33230
07086	48793
06253	29140
07038	47477
07039	47491
07040	47502
07041	47513
06971	45952
06972	45953
06461	32749

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
04-21-22		6	ARK.	012406	48	51
		SUMMARY OF QUANTITIES				

SUMMARY OF QUANTITIES

REVISIONS

Travis.Keymer 4/19/2022 10:06:34 AM
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REVISED DATE: \$\$\$REVDAT\$\$\$

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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
				6	ARK.			
				JOB NO.		012406	49	51
				1	DISTRICTS 1 & 5 BRIDGES - BRIDGE DATA - 65098			

BRIDGE PRESERVATION DATA TABLE
(DISTRICT 1)

CURRENT CONST. CONTRACT SITE NO.	BRIDGE NO.	ORIGINAL CONTRACT NO.	COUNTY	ROUTE	SECTION	DECK TREATMENT TYPE	BRIDGE JOINT TREATMENT STD. DRAWING	BRIDGE JOINT TREATMENT LOCATION
1	06795	110336	CRITTENDEN	HWY. 79	18	POLYMER OVERLAY	55064	BENTS 1 & 6
2	07026	110358	CRITTENDEN	HWY. 118	4	POLYMER OVERLAY	55064	BENTS 1 & 5
3	07032	110463	CRITTENDEN	HWY. 118	4	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 1 & 4
4	A7043	110229	LEE	HWY. 1	10	POLYMER OVERLAY	55064	BENTS 1 & 6
5	B7043	110229	LEE	HWY. 1	10	POLYMER OVERLAY	55064	BENTS 1 & 6
6	07042	110229	LEE	HWY. 1	10	POLYMER OVERLAY	N/A	REMOVE IMPACTED DEBRIS FROM STRIP SEAL JOINTS AT END BENTS
7	06978	110387	LEE	HWY. 79	15	POLYMER OVERLAY	55064	BENTS 1 & 6

BRIDGE PRESERVATION DATA TABLE
(DISTRICT 5)

CURRENT CONST. CONTRACT SITE NO.	BRIDGE NO.	ORIGINAL CONTRACT NO.	COUNTY	ROUTE	SECTION	DECK TREATMENT TYPE	BRIDGE JOINT TREATMENT STD. DRAWING	BRIDGE JOINT TREATMENT LOCATION
8	06297	R50021	CLEBURNE	HWY. 25	3	POLYMER OVERLAY	55064	BENTS 1-4
9	05242	1347	WHITE	HWY. 5	13	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2 & 3
10	06797	050005	WHITE	HWY. 367	15	POLYMER OVERLAY	55064	BENTS 1 & 5
11	06771	R50112	INDEPENDENCE	HWY. 69	3	POLYMER OVERLAY	N/A	REMOVE DEBRIS AT SLIDER PLATE JOINTS AT BENTS 1, 4, 7, 11, & 15
12	05857	5805	INDEPENDENCE	HWY. 69	3	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2 & 3
13	05858	R50018	INDEPENDENCE	HWY. 69	3	POLYMER OVERLAY	55064	BENTS 1-4
14	06849	050009	SHARP	HWY. 230	1	POLYMER OVERLAY	55064	BENTS 1 & 4



BRIDGE ENGINEER
PRINT DATE: 3/29/2022

BRIDGE NO. DISTRICTS 1 & 5 BRIDGES
DRAWN BY: ERBB
CHECKED BY: SFH
DESIGNED BY: ERBB
DATE: 01/2022
DATE: 02/2022
DATE: 01/2022
FILENAME: B012406_DT1.5.dgn
SCALE: NO SCALE
DRAWING NO. 65098

BRIDGE PRESERVATION DATA TABLE
DISTRICTS 1 & 5
ROUTE VARIES SECTION VARIES
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS

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WORKSPACE: ARDOT
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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
				6	ARK.			
						JOB NO.	012406	50
								51
DISTRICT 6 BRIDGES - BRIDGE DATA - 65099								

BRIDGE PRESERVATION DATA TABLE
(DISTRICT 6)

CURRENT CONST. CONTRACT SITE NO.	BRIDGE NO.	ORIGINAL CONTRACT NO.	COUNTY	ROUTE	SECTION	DECK TREATMENT TYPE	BRIDGE JOINT TREATMENT STD. DRAWING	BRIDGE JOINT TREATMENT LOCATION
15	A6426	R60037	GARLAND	HWY. 270	6	POLYMER OVERLAY	55064	BENTS 1 & 6
16	B6426	R60037	GARLAND	HWY. 270	6	POLYMER OVERLAY	55064	BENTS 1 & 6
17	A6427	R60037	GARLAND	HWY. 270	6	POLYMER OVERLAY	55064	BENTS 1 & 4
18	B6427	R60037	GARLAND	HWY. 270	6	POLYMER OVERLAY	55064	BENTS 1 & 4
19	A6493	R60107	GARLAND	HWY. 270	6	POLYMER OVERLAY	55064	BENTS 1 & 4
20	B6493	R60107	GARLAND	HWY. 270	6	POLYMER OVERLAY	BENT 1 - 55064 & 55065 BENT 4 - 55064	BENT 1 (WITH BACKWALL REPAIR) & BENT 4
21	05872	60092	GARLAND	HWY. 70	8	POLYMER OVERLAY	55064	EAST & WEST ABUTMENTS. REMOVE DEBRIS AT FINGER JOINTS AT PIERS 1 & 8
22	01093	6944	GARLAND	HWY. 270	5	POLYMER OVERLAY	BENT 1 - 55064 & 55065 OTHER LOCATIONS - 55064	BENT 1 (WITH BACKWALL REPAIR) & BENTS 2-5
23	07089	061039	SALINE	HWY. 35	1	POLYMER OVERLAY	55064	BENTS 1 & 7
24	06827	060850	PULASKI	HWY. 338	1	POLYMER OVERLAY	55064	BENTS 1 & 6
25	05943	60236	PULASKI	HWY. 338	1	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2-4
26	05705	60048,60149, 60049	PULASKI	I-440	1	POLYMER OVERLAY	SOUTH ABUTMENT - 55064 & 55065 OTHER LOCATIONS - 55064	SOUTH ABUTMENT (WITH BACKWALL REPAIR), PIER 3, & NORTH ABUTMENT. REMOVE DEBRIS AT FINGER JOINTS AT PIERS 6, 9, 12, 16, & 19
27	03195	6637	PULASKI	I-40 (O.P)	33	POLYMER OVERLAY	N/A	N/A
28	07053	R60080	PULASKI	HWY. 176	2	POLYMER OVERLAY	55064	BENTS 1 & 5
29	05239	1347	LONOKE	HWY. 5	12	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2 & 3
30	A7017	060905	LONOKE	HWY. 5	12	POLYMER OVERLAY	N/A	N/A
31	B7017	060905	LONOKE	HWY. 5	12	POLYMER OVERLAY	N/A	N/A
32	03225	6680	LONOKE	I-40 (O.P)	43	POLYMER OVERLAY	N/A	N/A
33	06675	060599	PRAIRIE	HWY. 70	16	POLYMER OVERLAY	N/A	REMOVE DEBRIS AT SLIDER PLATE JOINTS AT BENTS 1 & 24. REMOVE DEBRIS AT FINGER JOINTS AT BENTS 4, 8, 12, 15, 18, & 21



BRIDGE ENGINEER
PRINT DATE: 3/29/2022

BRIDGE PRESERVATION DATA TABLE
DISTRICT 6
ROUTE VARIES SECTION VARIES
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS
DRAWN BY: ERBB DATE: 01/2022 FILENAME: B012406_DT6.dgn
CHECKED BY: SFH DATE: 02/2022
DESIGNED BY: ERBB DATE: 01/2022 SCALE: NO SCALE
BRIDGE NO. DISTRICT 6 BRIDGES DRAWING NO. 65099

Travis Keymer 3/29/2022 3:04:50 PM
WORKSPACE: ARDOT
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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
				6	ARK.			
				JOB NO.		012406	51	51
				DISTRICT 10 BRIDGES - BRIDGE DATA - 65100				

BRIDGE PRESERVATION DATA TABLE
(DISTRICT 10)

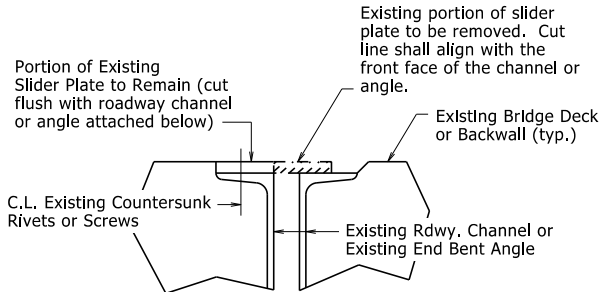
CURRENT CONST. CONTRACT SITE NO.	BRIDGE NO.	ORIGINAL CONTRACT NO.	COUNTY	ROUTE	SECTION	DECK TREATMENT TYPE	BRIDGE JOINT TREATMENT STD. DRAWING	BRIDGE JOINT TREATMENT LOCATION
34	06150	100107	POINSETT	HWY. 14	13	POLYMER OVERLAY	55064	BENTS 1-4
35	06012	10937	CRAIGHEAD	HWY. 49	4	POLYMER OVERLAY	NO STD. DWG. - USE TYPE A JOINT REHAB AND SP. SEE ROADWAY SPECIAL DETAILS.	BENTS 2 & 3
36	06501	R00071	GREENE	HWY. 49	2	POLYMER OVERLAY	55064	BENTS 1 & 4
37	07086	100609	GREENE	HWY. 49	2	POLYMER OVERLAY	55064	BENTS 1 & 4
38	06253	100226	GREENE	HWY. 34	3	POLYMER OVERLAY	N/A	N/A
39	07038	100566	GREENE	HWY. 412	9	POLYMER OVERLAY	N/A	N/A
40	07039	100566	GREENE	HWY. 412	9	POLYMER OVERLAY	N/A	N/A
41	07040	100566	GREENE	HWY. 412	9	POLYMER OVERLAY	N/A	N/A
42	07041	100566	GREENE	HWY. 412	9	POLYMER OVERLAY	N/A	N/A
43	06971	100478	GREENE	HWY. 412	9	POLYMER OVERLAY	N/A	REMOVE IMPACTED DEBRIS FROM STRIP SEAL JOINTS
44	06972	100478	GREENE	HWY. 412	9	POLYMER OVERLAY	N/A	REMOVE IMPACTED DEBRIS FROM STRIP SEAL JOINTS
45	06461	100282	MISSISSIPPI	HWY. 158	1	POLYMER OVERLAY	55064	BENTS 1 & 4



BRIDGE ENGINEER
PRINT DATE: 3/29/2022

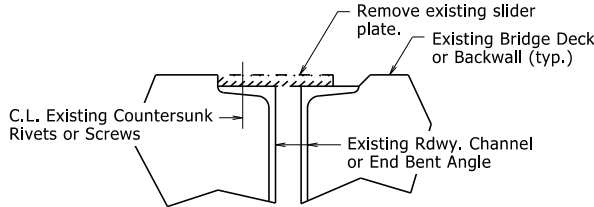
BRIDGE PRESERVATION DATA TABLE
DISTRICT 10
ROUTE VARIES SECTION VARIES
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARKANSAS
DRAWN BY: ERBB DATE: 01/2022 FILENAME: B012406_DT10.dgn
CHECKED BY: SFH DATE: 02/2022
DESIGNED BY: ERBB DATE: 01/2022 SCALE: NO SCALE
BRIDGE NO. DISTRICT 10 BRIDGES DRAWING NO. 65100

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								



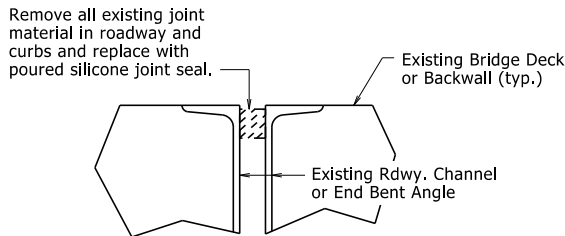
REMOVAL DETAILS AT EXISTING SLIDER PLATE JOINTS

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.



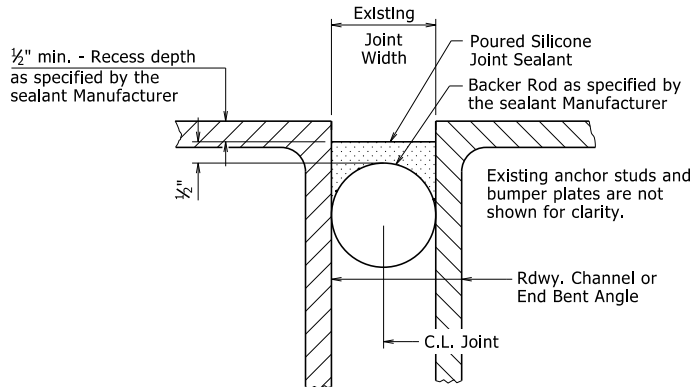
REMOVAL DETAILS AT EXISTING SLIDER PLATE JOINTS WITH GRADE RAISE

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".



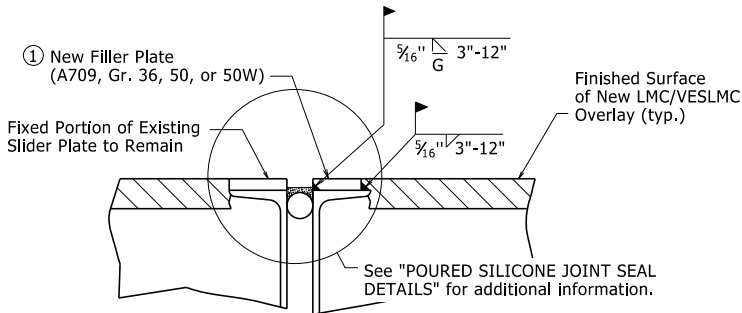
POURED SILICONE JOINT SEAL DETAILS

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".

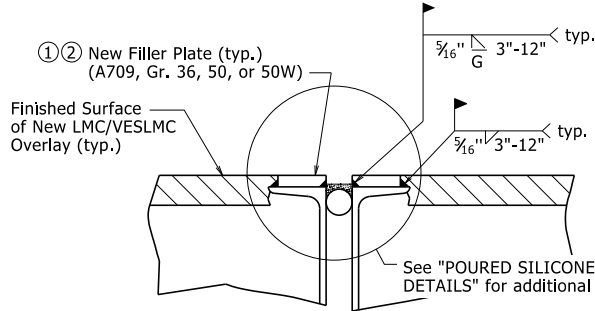
Backer rods shall be extended beyond the length of the poured joint in the initial joint repair area so that the two pieces can be properly spliced together prior to installing sealant for the adjacent joint repair. Manufacturer's recommendations shall be followed to prevent sealant leakage during repair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

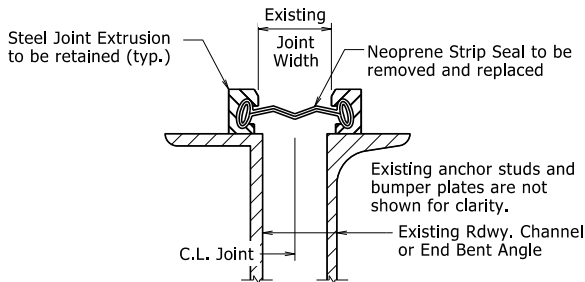


JOINT MODIFICATION WITH GRADE RAISE

- 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.



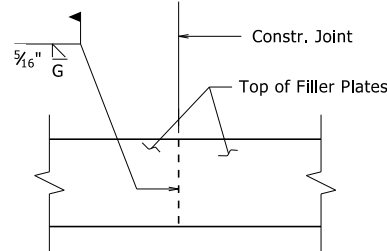
STRIP SEAL JOINT DETAILS

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.

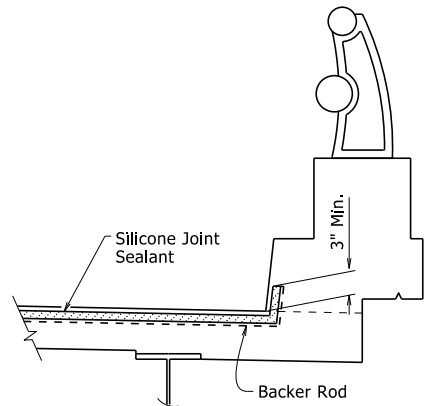
Removal and replacement of the existing neoprene strip seal joint material will require the removal of the parapet slider plates, where present. Parapet slider plates removed for this work shall be reinstalled after installation of the new neoprene strip seal joint material.

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. _)".

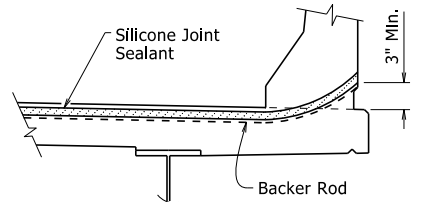


PLAN VIEW OF FILLER PLATE

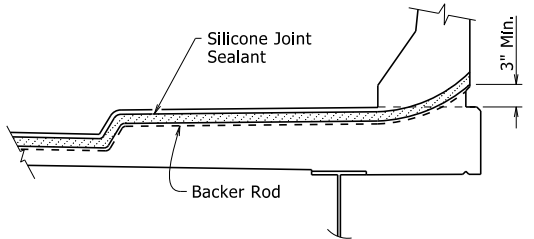


SILICONE JOINT SEAL PLACEMENT AT CURB

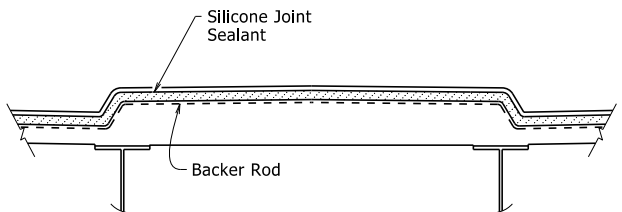
Vertical joints may require forming. The clearance from deck surface to joint material shall be maintained.



SILICONE JOINT SEAL PLACEMENT AT RAIL



SILICONE JOINT SEAL PLACEMENT AT SIDEWALK



SILICONE JOINT SEAL PLACEMENT AT MEDIAN

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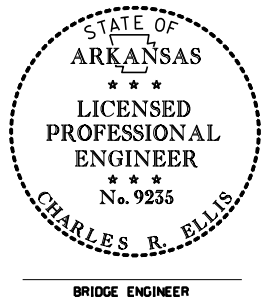
STANDARD DETAILS FOR JOINT REPAIRS & MODIFICATIONS

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

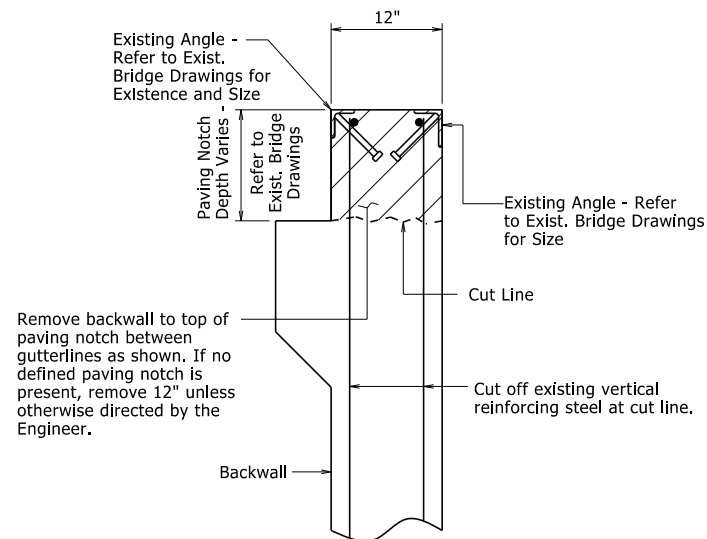
DRAWN BY: KWY DATE: 11/7/2019 FILENAME: b55064.dgn
CHECKED BY: SWP DATE: 11/7/2019 SCALE: None
DESIGNED BY: STD. DATE: -----

DRAWING NO. 55064



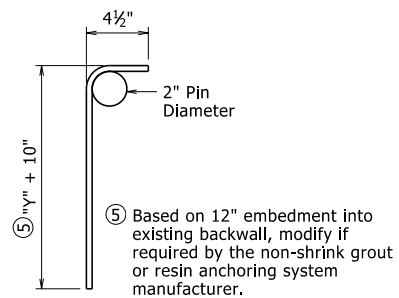
BRIDGE ENGINEER

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

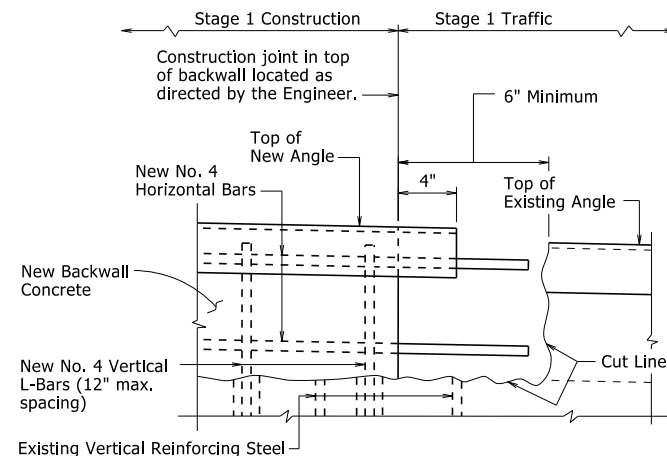


BACKWALL REPAIR REMOVAL DETAIL

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.)".

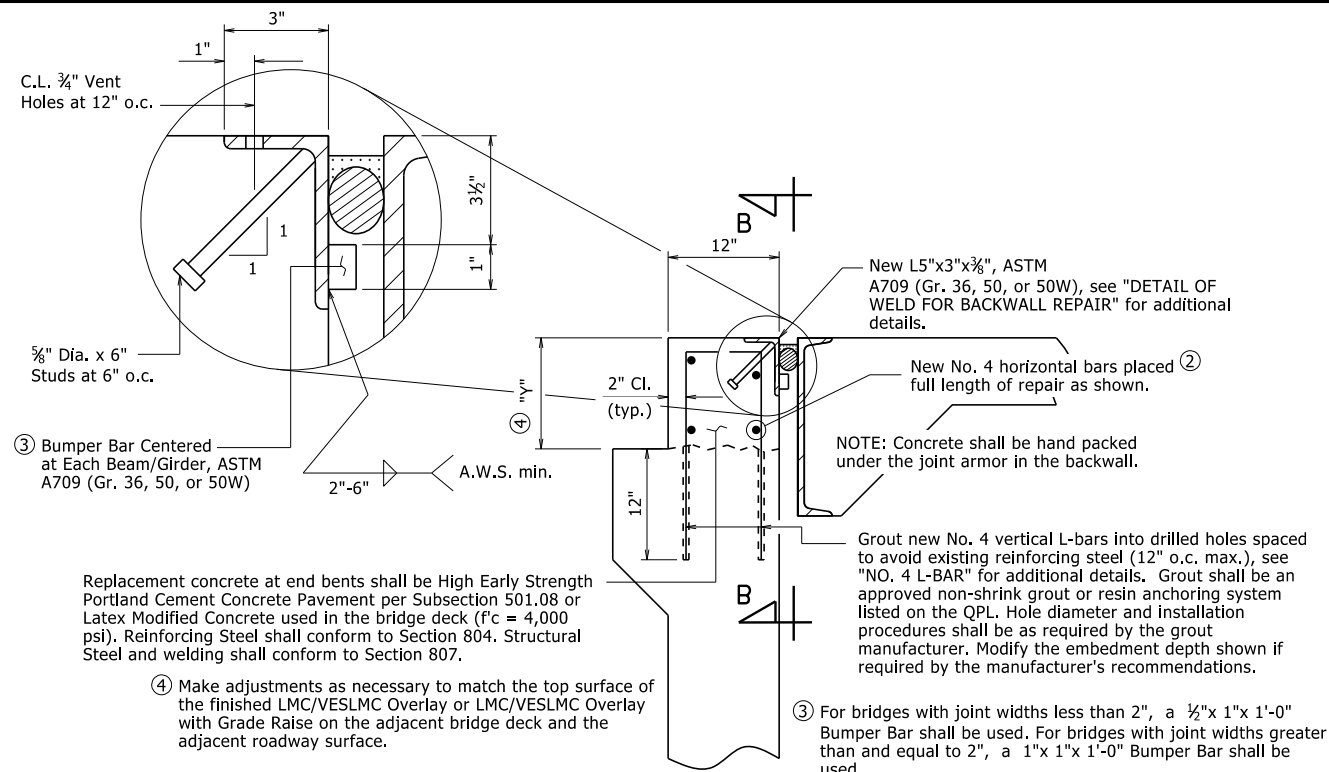


NO. 4 L-BAR



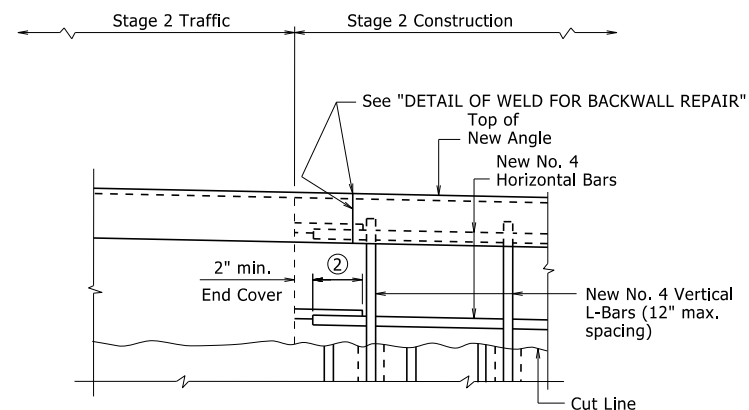
① VIEW B-B, STAGE 1

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



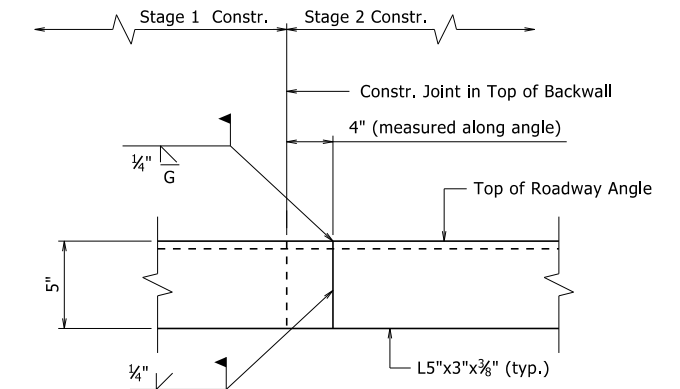
BACKWALL REPAIR INSTALLATION DETAIL

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

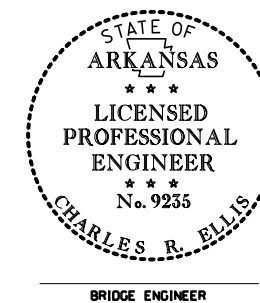
STANDARD DETAILS FOR
BACKWALL REPAIRS

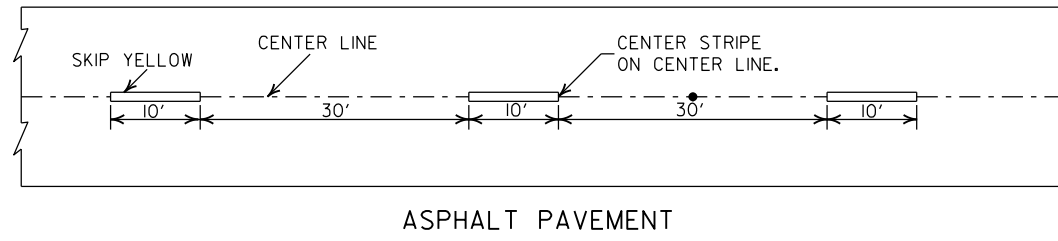
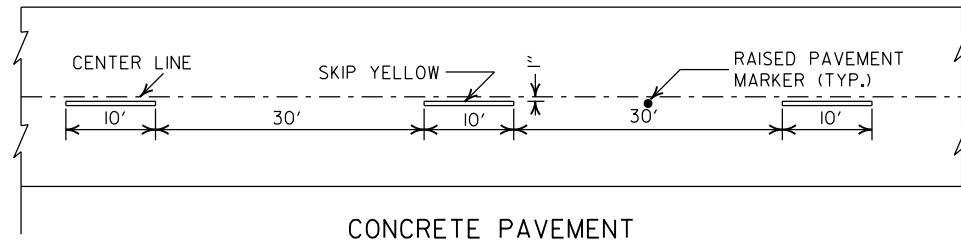
ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

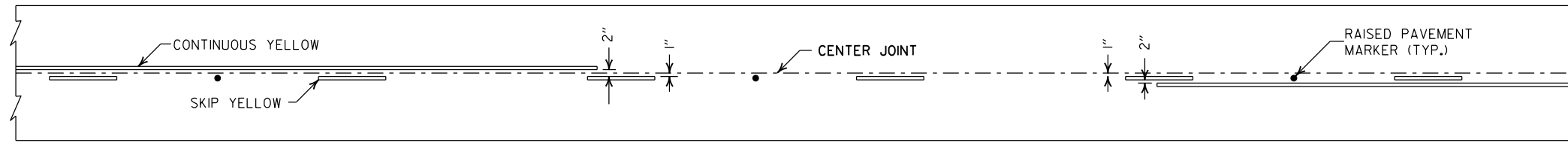
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DESIGNED BY: STD. DATE: -----

DRAWING NO. 55065

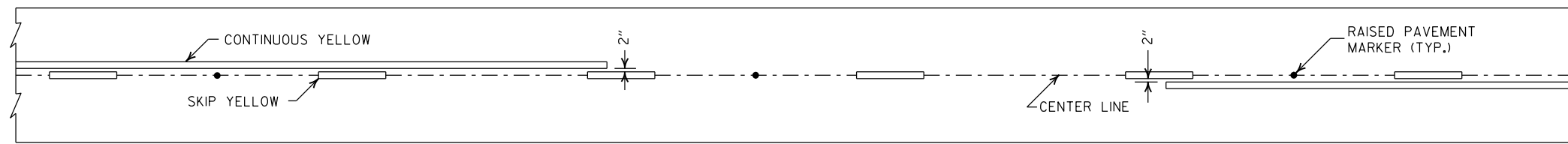




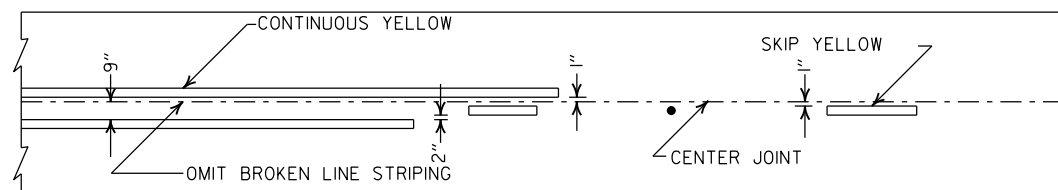
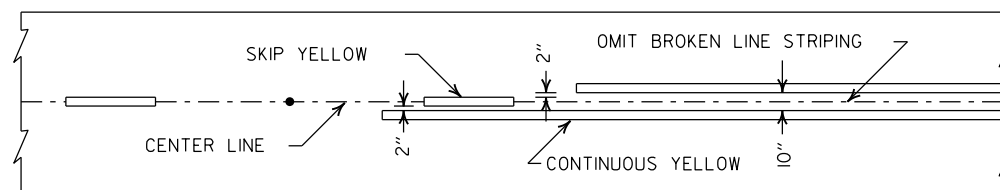
BROKEN LINE STRIPING



SOLID LINE STRIPING ON CONCRETE PAVEMENT



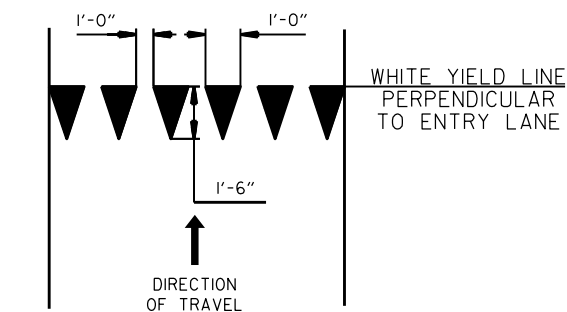
SOLID LINE STRIPING ON ASPHALT PAVEMENT



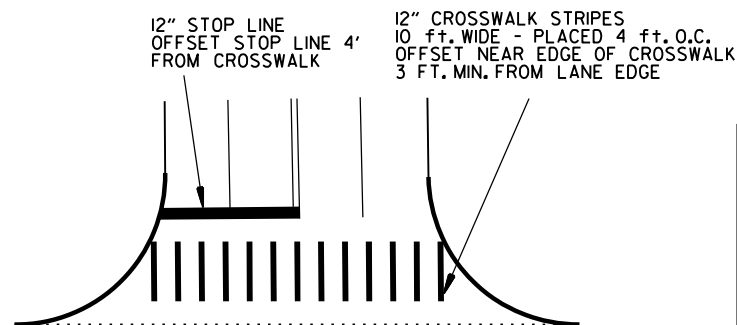
ASPHALT PAVEMENT

CONCRETE PAVEMENT

STRIPING AT ADJACENT NO PASSING LANES



YIELD LINE DETAIL

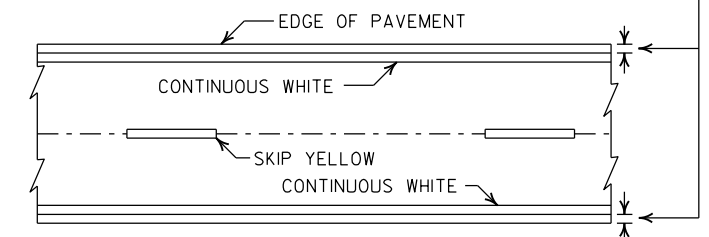


CROSSWALK AND STOP LINE DETAILS

NOTES:

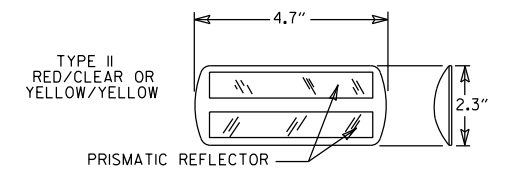
1. REFER TO THE STRIPING DETAILS FOR PAVEMENT MARKING LINE WIDTHS.
2. THIS DRAWING SHALL BE USED IN CONJUNCTION WITH THE LATEST REVISED ADDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
3. RAISED PAVEMENT MARKERS SHALL BE PLACED ON AN 80 FEET SPACING UNLESS OTHERWISE SHOWN IN THE PLANS.

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

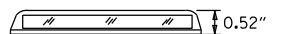


PAVEMENT EDGE LINE MARKING

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

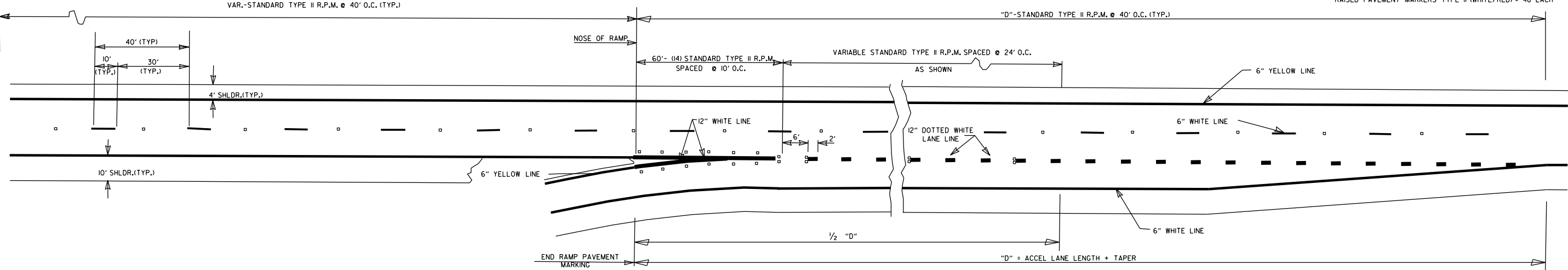
PAVEMENT MARKING QUANTITIES
(BASED ON 700' ACCEL. LANE + 300' TAPER)

ENTRANCE RAMP

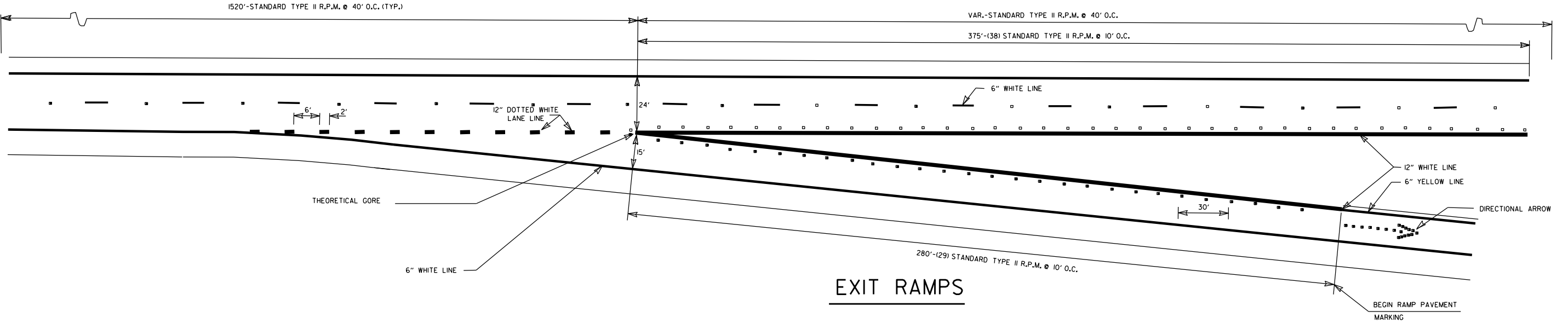
12" WHITE = 370 LIN. FT.
RAISED PAVEMENT MARKERS TYPE II (WHITE/RED) = 38 EACH

EXIT RAMP

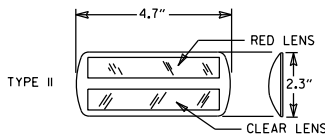
6" WHITE = 280 LIN. FT.
12" WHITE = 815 LIN. FT.
RAISED PAVEMENT MARKERS TYPE II (WHITE/RED) = 38 EACH
RAISED PAVEMENT MARKERS TYPE II (WHITE/RED) = 48 EACH



ENTRANCE RAMPS

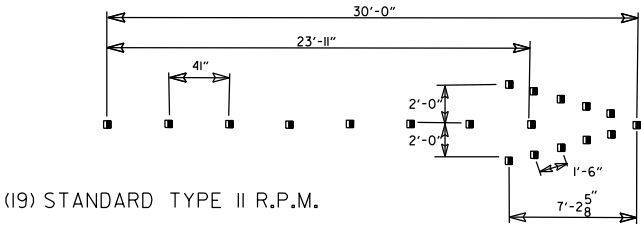


EXIT RAMPS



DETAIL OF
STANDARD
RAISED PAVEMENT MARKERS

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



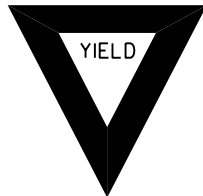
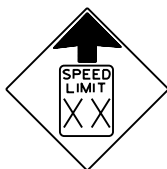
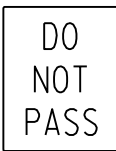
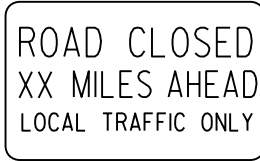
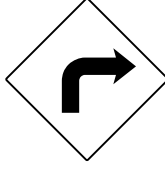
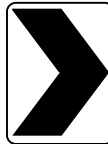
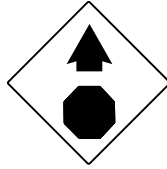
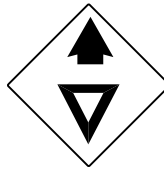
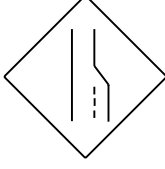
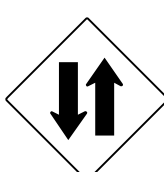
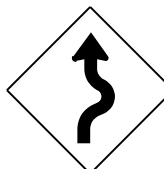
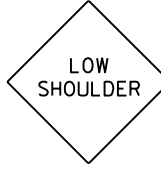
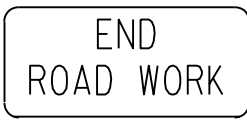
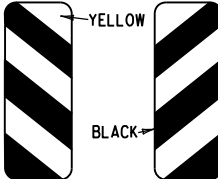
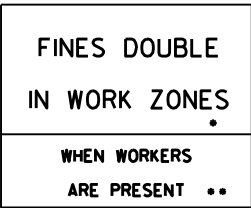
DIRECTIONAL ARROWS

GENERAL NOTES:
THIS DRAWING SHOULD BE CONSIDERED AS TYPICAL ONLY
AND THE FINAL LOCATION OF THE STRIPING AND PAVEMENT
MARKERS SHALL BE DETERMINED BY THE ENGINEER.

THIS DRAWING SHOULD BE USED IN CONJUNCTION WITH
THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES",
LATEST REVISION.

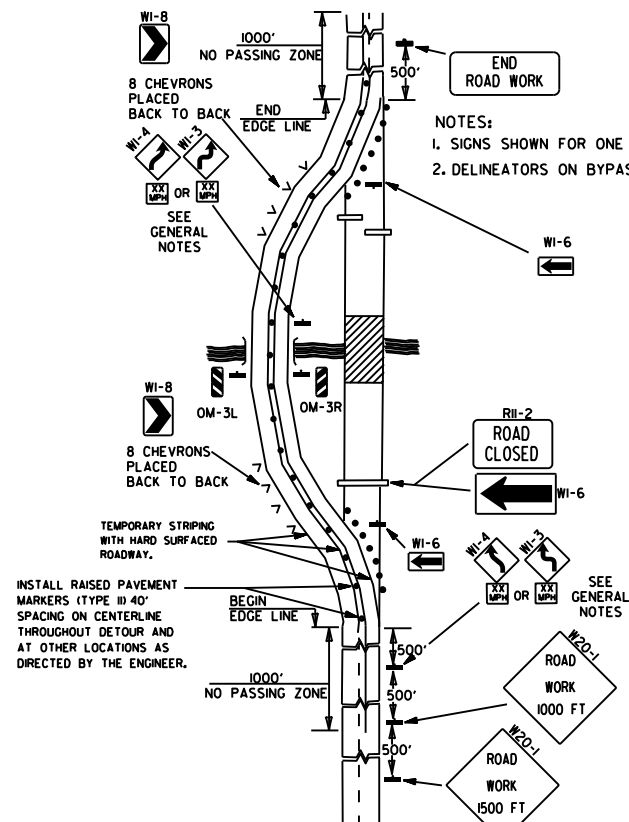
NOTE:
DIMENSIONS SHOWN FOR RAISED PAVEMENT MARKERS ARE
TYPICAL. THE CONTRACTOR MAY SUBSTITUTE SIMILAR
MARKERS WITH THE APPROVAL OF THE ENGINEER. REQUESTING
APPROVAL FOR SIMILAR MARKERS MAY BE MADE BY REFERRING
TO THE ARDOT QUALIFIED PRODUCTS LIST.

05-14-20	REMOVED CROSSHATCH MARKINGS ON EXIT RAMPS	
11-07-19	REVISED DOTTED PAV'T MARKINGS; ADDED CROSSHATCH MARKINGS ON EXIT RAMPS	
12-8-16	REVISED RAISED PAV'T MARKERS FOR 80' SPACING; REVISED WIDTH OF STRIPING	
9-12-13	REVISED DETAIL OF STANDARD RAISED PAVEMENT MARKERS	
7-26-12	REVISED RPM NOTATION	
12-15-11	REVISED RPMs ACCORDING TO LATEST POLICY	
11-17-10	REMOVED PLOWABLE PAVEMENT MARKERS	
6-3-10	REVISED PER 2009 MUTCD	
11-18-04	REVISED NOTES	
8-22-02	ADDED & REVISED NOTES; REV. ENTRANCE & EXIT RAMPS	
5-18-00	REMOVED HASHMARKS	
7-02-98	CHANGED TYPES TO ROMAN NUMERALS	
4-26-96	ADDED DIMENSIONS & QUANTITIES; REVISED LANE WIDTH ON EXIT RAMP	
2-2-95	PLACED IN USE	2-2-95
DATE	REVISION	FILMED

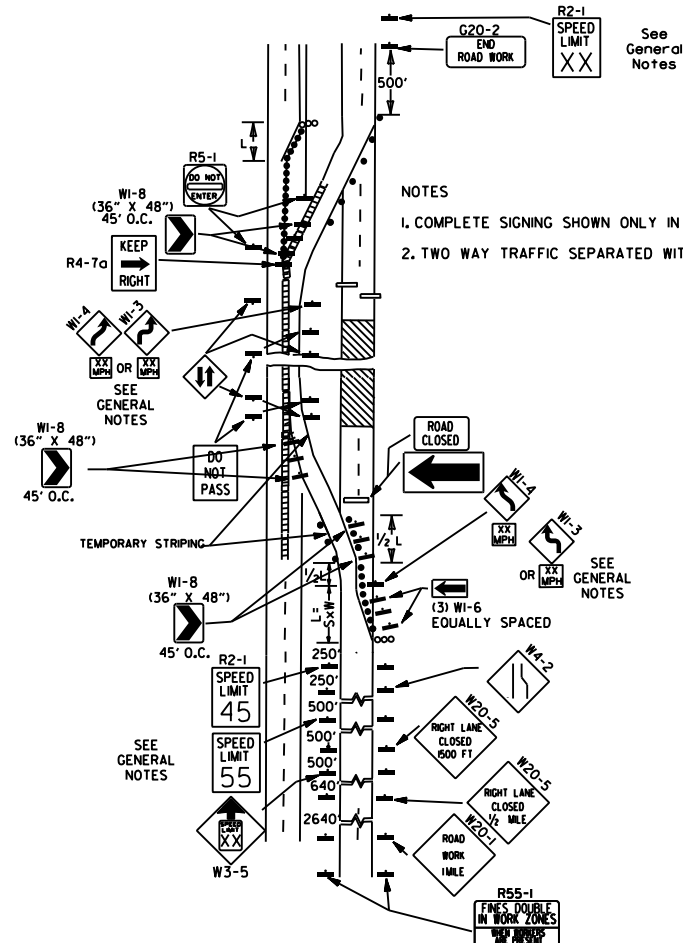
RI-I  STANDARD 30"x30" EXPRESSWAY 36"x36" SPECIAL 48"x48"	RI-2  STD. 36"x36"x36" EXPWY. 48"x48"x48" FWY. 60"x60"x60"	R2-I  STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"	W3-5  STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"	W3-5a  STD. 36"x36" EXPWY. 48"x48" FWY. 48"x48"	R4-I  STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"	R4-2  STD. 24"x30" EXPWY. 36"x48" FWY. 48"x60"	ADVANCE DISTANCES (XXXX) 500 FT 1/2 MILE 1000 FT 3/4 MILE 1500 FT 1 MILE AHEAD GENERAL NOTES: 1. ALL TRAFFIC CONTROL DEVICES USED ON ROAD CONSTRUCTION SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND TO THE STANDARD HIGHWAY SIGNS, LATEST EDITION, OR AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION. 2. TRAFFIC CONTROL DEVICES SHALL BE SET UP JUST BEFORE THE START OF CONSTRUCTION OPERATIONS AND SHALL BE PROPERLY MAINTAINED DURING THE TIME SUCH CONDITIONS EXIST. THEY SHALL REMAIN IN PLACE ONLY AS LONG AS NEEDED AND REMOVED THEREAFTER. 3. EXISTING SIGNS AND CONSTRUCTION SIGNS SHALL BE KEPT IN PROPER POSITION, AND BE CLEAN AND LEGIBLE AT ALL TIMES. SIGNS THAT DO NOT APPLY TO EXISTING CONDITIONS SHALL BE REMOVED. SIGNS THAT ARE DAMAGED, DEFACED, OR THAT ACCUMULATE DIRT DURING CONSTRUCTION SHALL BE CLEANED, REPAIRED, OR REPLACED. 4. SIGNS ARE USUALLY MOUNTED ON A SINGLE POST, ALTHOUGH THOSE WIDER THAN 36" OR LARGER THAN 10 SQ. FT. SHALL BE MOUNTED ON TWO POSTS OR ABOVE A TYPE III BARRICADE. 5. SIGN POSTS DIRECT BURIED IN SOIL SHALL BE 2 LB. MINIMUM CHANNEL POST OR 4"x4" WOOD POSTS. CHANNEL POSTS SHALL BE PAINTED GREEN. WOOD POSTS SHALL BE PAINTED WHITE. ALL POSTS SHALL BE NEATLY CONSTRUCTED, AND SHALL BE REPLUMBED, CLEANED, OR REPAIRED AS NEEDED FOR THE DURATION OF THE JOB. THERE SHALL NOT BE MORE THAN 2 POSTS IN A 7' PATH FOR WOOD OR CHANNEL POSTS. ANY CHANNEL POST SPLICE SHALL BE IN ACCORDANCE WITH STANDARD DRAWING TC-3. 6. POST MOUNTED SIGNS IN RURAL AREAS SHALL BE CONSTRUCTED WITH THE NEAR EDGE OF THE SIGN FROM 6 TO 12 FEET FROM THE PAVEMENT EDGE. SIGNS IN URBAN AREAS AND BARRICADE MOUNTED SIGNS SHALL BE MOUNTED A MINIMUM OF 2 FEET FROM THE PAVEMENT EDGE. 7. ALL POST AND BARRICADE MOUNTED SIGNS MOUNTED IN URBAN AREAS SHALL BE MOUNTED A MINIMUM DISTANCE OF 7' FROM THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE. ALL POST AND BARRICADE MOUNTED SIGNS MOUNTED IN RURAL AREAS SHALL BE MOUNTED A MINIMUM DISTANCE OF 7' FROM THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE, EXCEPT A MINIMUM OF 6' SHALL BE USED WHEN MOUNTING AN ADVISORY SIGN BELOW A WARNING SIGN. TEMPORARY SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS FOR INTERMEDIATE TERM STATIONARY WORK CONDITIONS. THE SIGNS MINIMUM MOUNTING HEIGHT SHALL BE 5'. RETROREFLECTIVE DEVICES SHALL BE USED. TEMPORARY SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS FOR SHORT-TERM, SHORT DURATION, AND MOBILE CONDITIONS. THEY SHALL BE NO LESS THAN ONE (1) FOOT ABOVE THE TRAVELED WAY. LONG-TERM STATIONARY SIGNS SHALL BE DIRECT BURIED IN SOIL, UNLESS CONDITIONS NECESSITATE THE USE OF PORTABLE SIGNS, OR AS APPROVED BY THE ENGINEER. CONCRETE PADS, CONCRETE OR ROCK BALLAST, OR OTHER SOLID MATERIALS SHALL NOT BE UTILIZED WITH PORTABLE SIGN SUPPORTS. 8. FLAGGERS SHALL USE REFLECTORIZED STOP-SLOW PADDLES. FLAGS MAY BE USED ONLY FOR EMERGENCY SITUATIONS. 9. MOST OF THE SIGNS SHOWN ARE ORIENTED TO THE RIGHT. HOWEVER, THIS DOES NOT PRECLUDE THE USE OF MIRROR IMAGES OF THESE SIGNS WHERE THE REVERSE ORIENTATION MIGHT BETTER CONVEY TO MOTORISTS THE PROPER DIRECTION OF MOVEMENT. 10. R55-1 SIGNS SHALL BE PLACED AT LEAST 1500' BUT NOT MORE THAN 1 MILE IN ADVANCE OF THE WORK ZONE. IF A SPEED LIMIT REDUCTION IS IN EFFECT, THE SIGN SHALL BE PLACED A MINIMUM OF 500' IN ADVANCE OF THE "REDUCED SPEED AHEAD" SIGN. • NOTE: SUPPORTS FOR SIGNS, BARRICADES, AND VERTICAL PANELS THAT ARE DIFFERENT FROM THE REQUIREMENTS SHOWN IN NOTES 4 & 5, BUT MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH), WILL BE ACCEPTED. COMPLIANCE WITH THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) IS REQUIRED FOR ALL PROJECTS.
R5-I  STD. 30"x30" EXPWY. 36"x36" SPECIAL 48"x48"	R1I-2  48"x30"	R1I-3A  60"x30"	R1I-4  60"x30"	W2I-5a  STD. 36"x36" FWY. 48"x48"	WI-I  STD. 36"x36" FWY. 48"x48"	WI-2  STD. 36"x36" FWY. 48"x48"	
WI-3  STD. 48"x48"	WI-4  STD. 48"x48"	WI-6  STD. 48"x24" SPECIAL 60"x30"	WI-8  STD. 18"x24" SPECIAL 24"x30" EXPWY. 30"x36" FWY. 36"x48"	W3-I  STD. 36"x36" SPECIAL 48"x48"	W3-2  STD. 36"x36" SPECIAL 48"x48"	W4-2  STD. 36"x36" FWY. 48"x48"	
W5-I  STD. 36"x36" SPECIAL 48"x48"	W6-3  EXPWY. 36"x36" SPECIAL 48"x48"	W8-7  EXPWY. 36"x36" FWY. 48"x48"	W9-2  STD. 36"x36" FWY. 48"x48"	W13-I  STD. 24"x24"	W20-I  STD. 48"x48"	W20-2  STD. 48"x48"	W20-3  STD. 48"x48"
W20-4  STD. 48"x48"	W20-5  STD. 48"x48"	W20-7a  18" 500 FEET 24" W16-2 STD. 36"x36" FWY. 48"x48"	W2I-2  STD. 30"x30" SPECIAL 36"x36"	W2I-5  STD. 30"x30" SPECIAL 36"x36"	W24-I  STD. 36"x36"	WI-4b  STD. 48"x48"	R56-I  STD. 18"x18"
W8-II  STD. 36"x36" FWY. 48"x48"	W8-9  STD. 36"x36" FWY. 48"x48"	G20-I  60"x24"	G20-2  48"x24"	OM-3L OM-3R  12"x36"	M4-9  STD. 30"x24" SPECIAL 48"x36" SPECIAL 60"x48"	M4-10  48"x18"	R55-I  36"x60" • USE 6" C LETTERS •• USE 4" D LETTERS

11-07-19	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

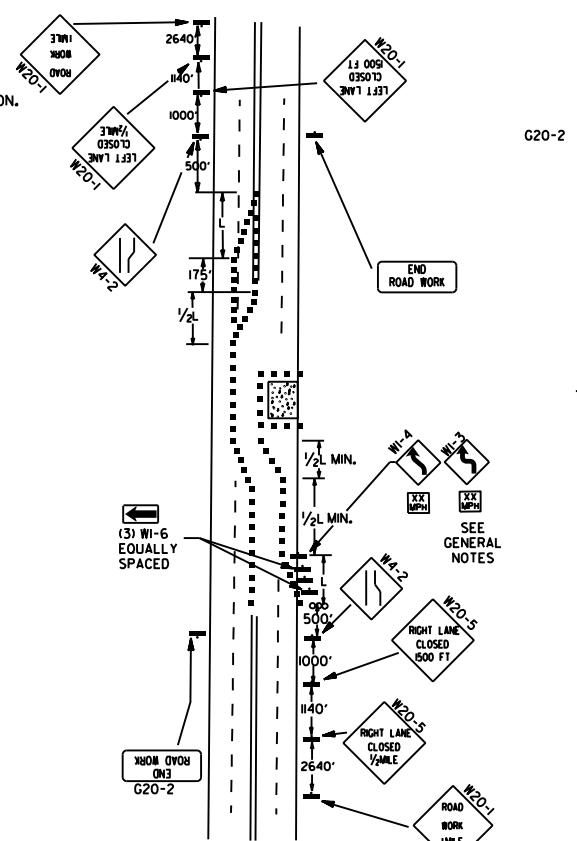
ARKANSAS STATE HIGHWAY COMMISSION
STANDARD TRAFFIC CONTROLS
FOR HIGHWAY CONSTRUCTION
STANDARD DRAWING TC-1



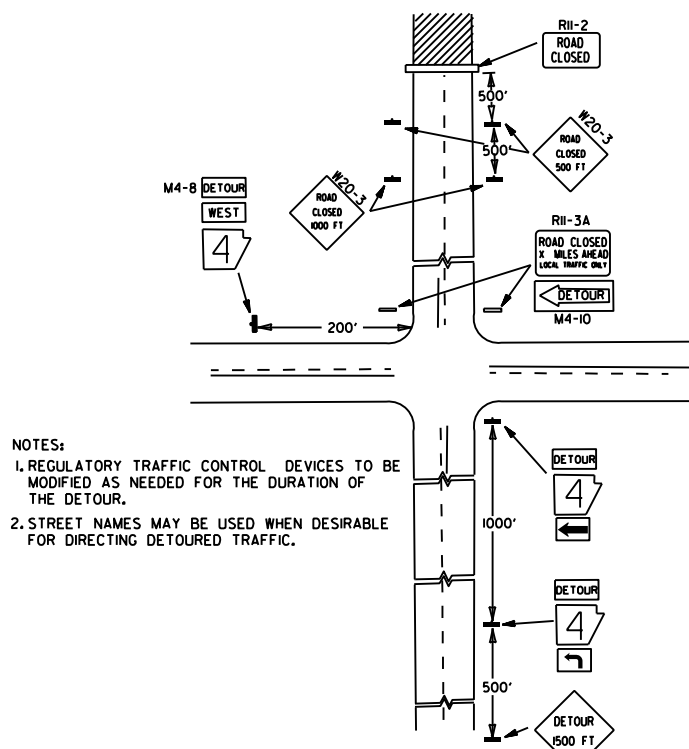
(A) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON A 2-LANE HIGHWAY WHERE THE ENTIRE ROADWAY IS CLOSED AND A BYPASS DETOUR IS PROVIDED.



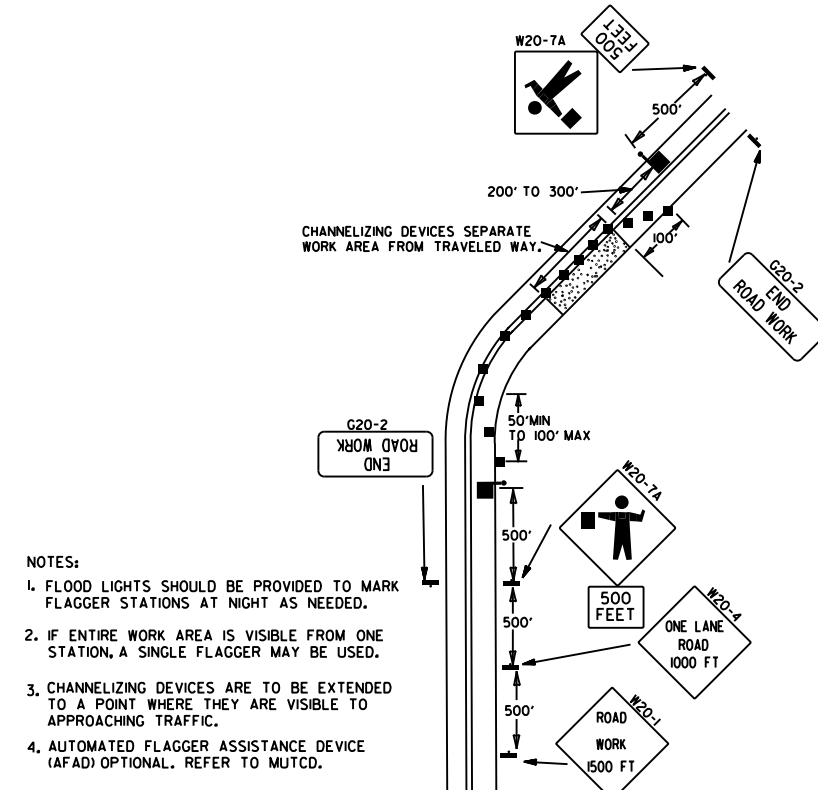
(B) TYPICAL APPLICATION - 4-LANE DIVIDED ROADWAY WHERE ONE ROADWAY IS CLOSED.



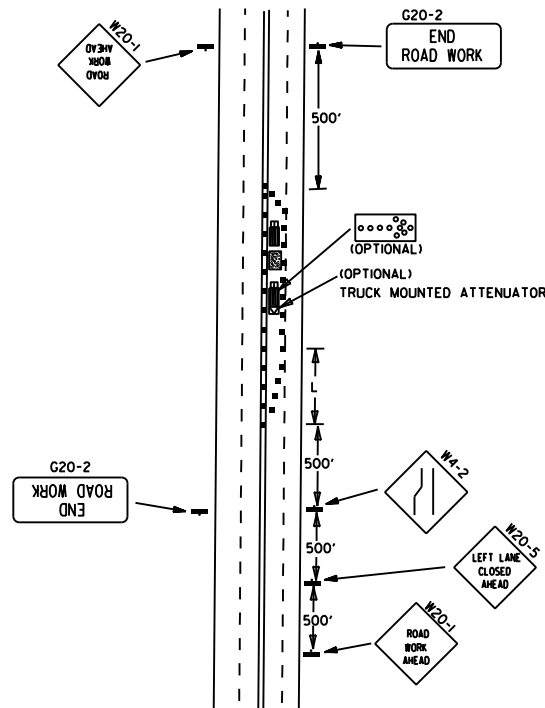
(C) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.



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

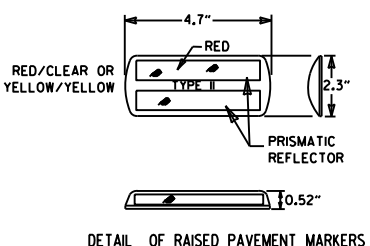


(E) TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES ON 2-LANE HIGHWAY WHERE ONE LANE IS CLOSED AND FLAGGING IS PROVIDED.



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

- KEY:
- FLAGGER
 - POSITIVE BARRIER
 - ARROW PANEL (IF REQUIRED)
 - TYPE III BARRICADE
 - CHANNELIZING DEVICE
 - TRAFFIC DRUM
 - RAISED PAVEMENT MARKER



TYPICAL ADVANCE WARNING SIGN PLACEMENT

TAPER FORMULAE:

$L = SXW$ FOR SPEEDS OF 45MPH OR MORE.

$L = \frac{WS^2}{60}$ FOR SPEEDS OF 40MPH OR LESS.

WHERE:

L = MINIMUM LENGTH OF TAPER.

S = NUMERICAL VALUE OF POSTED SPEED LIMIT PRIOR TO WORK OR 85TH PERCENTILE SPEED.

W = WIDTH OF OFFSET.

GENERAL NOTES:

- 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.
- 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 1 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
- WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 55MPH, THE R2-1(65) SHALL BE OMITTED. ADDITIONAL R2-1(55)MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1 MILE INTERVALS. AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
- THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED LIMIT. BEYOND THE TAPER, MAXIMUM SPACING SHALL BE TWO TIMES THE SPEED LIMIT, OR AS DIRECTED BY THE ENGINEER.
- WARNING LIGHTS AND/OR FLAGS MAY BE MOUNTED TO SIGNS OR CHANNELIZING DEVICES AT NIGHT AS NEEDED.
- PAVEMENT MARKINGS NO LONGER APPLICABLE WHICH MIGHT CREATE CONFUSION IN THE MINDS OF VEHICLE OPERATORS SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICABLE.
- 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.
- 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.
- 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

ARKANSAS STATE HIGHWAY COMMISSION
STANDARD TRAFFIC CONTROLS
FOR HIGHWAY CONSTRUCTION

STANDARD DRAWING TC-2

(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.

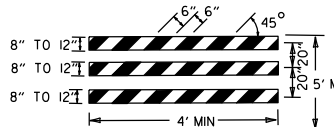
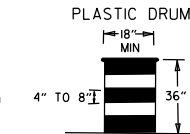
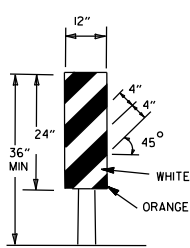
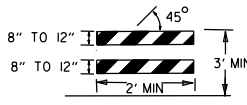
(B) TYPICAL APPLICATION - 3-LANE ONEWAY ROADWAY WHERE CENTER LANE IS CLOSED.

CHANNELIZING DEVICES



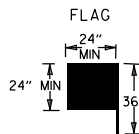
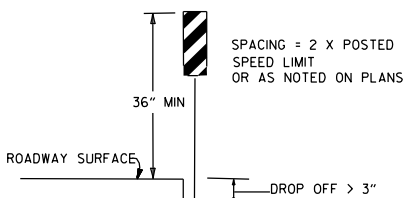
• WHEN CONES ARE USED ON FREEWAYS AND MULTI-LANE HIGHWAYS, THEY SHALL BE 28" MIN. DURING HOURS OF DARKNESS, 28" CONES SHALL BE USED ON ALL ROADWAYS, AND SHALL BE REFLECTORIZED IN ACCORDANCE WITH THE M.U.T.C.D.

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).

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

TRAFFIC CONTROL DEVICES

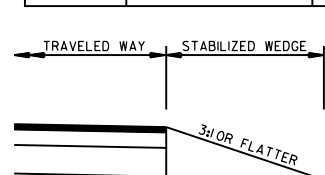
VERTICAL DIFFERENTIAL	LOCATION	TRAFFIC CONTROL	
		≤ 45 MPH	> 45 MPH
≤ 1"	CENTERLINE	W8-11	W8-11
> 1"	CENTERLINE	W8-11 AND CENTERLINE LANE STRIPING	W8-11 AND CENTERLINE LANE STRIPING
≤ 3"	CENTERLINE	STANDARD LANE CLOSURE ⁽⁶⁾	STANDARD LANE CLOSURE ⁽⁶⁾
> 3"	CENTERLINE	STANDARD LANE CLOSURE ⁽⁶⁾	STANDARD 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

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

FORESLOPE	HEIGHT	TRAFFIC CONTROL	
		≤ 45 MPH	> 45 MPH
1:1	> 2 FT	PRECAST CONCRETE BARRIER	PRECAST CONCRETE BARRIER
2:1	≤ 5 FT	TRAFFIC DRUMS	TRAFFIC DRUMS
2:1	> 5 FT	PRECAST CONCRETE BARRIER	PRECAST CONCRETE BARRIER
Flatter than 2:1	N/A	TRAFFIC DRUMS	TRAFFIC DRUMS

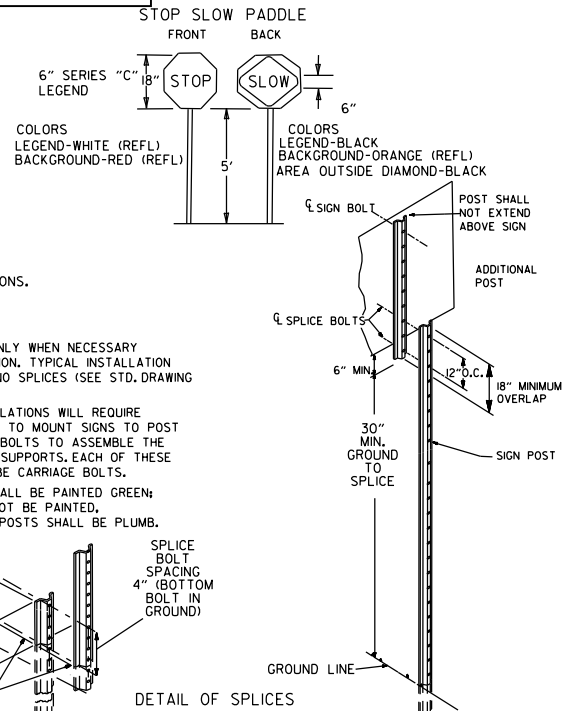
GENERAL NOTES:

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



STABILIZED WEDGE

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



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 W6-1 & REVISED TRAFFIC CONTROL DEVICES NOTE	
10-18-96	ADDED R55-1	
10-12-95	MOVED UPPER SPLICE	
6-8-95	REVISED SPLICE DETAIL, TEXT	6-8-95
2-2-95	REVISED PER PART VI, MUTCD, SEPT. 3, 1993	
8-15-91	DRAWN AND PLACED IN USE	

ARKANSAS STATE HIGHWAY COMMISSION
STANDARD TRAFFIC CONTROLS
FOR HIGHWAY CONSTRUCTION

STANDARD DRAWING TC-3

3/8"

3" DIA. PLATE 3/8" THICK

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

CONNECTING PIN

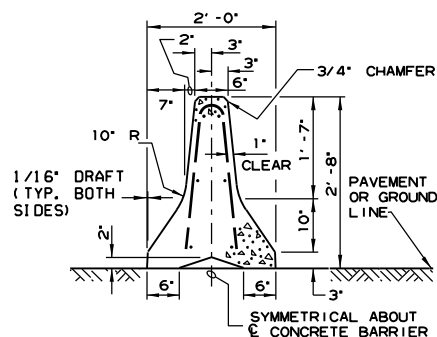
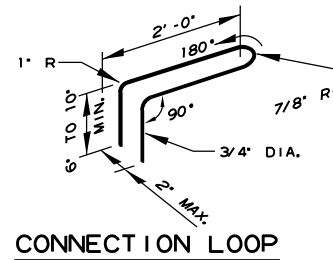
3/4" DIA. STEEL BAR

1 1/2" x 4" GROOVE

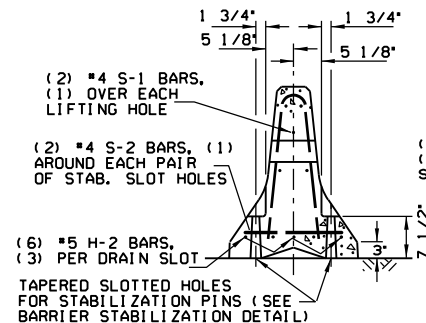
END OF UNIT

SECTION E-E

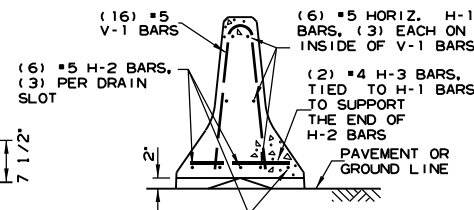
CONNECTION DETAILS



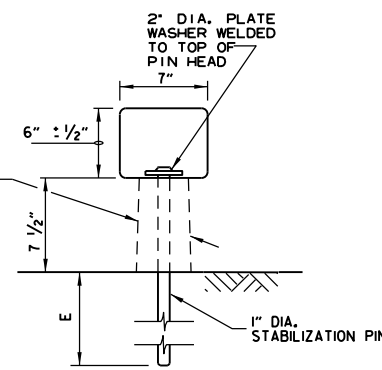
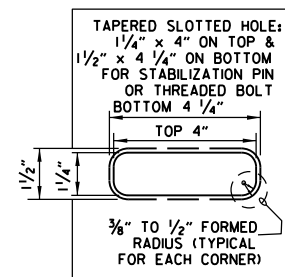
SECTION A-A



SECTION B-B



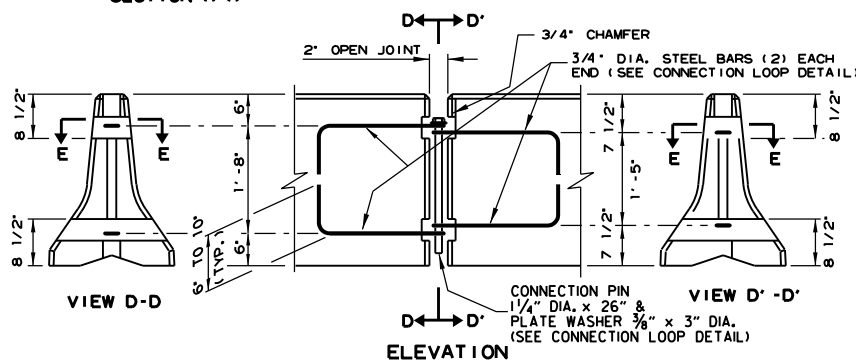
SECTION C-C



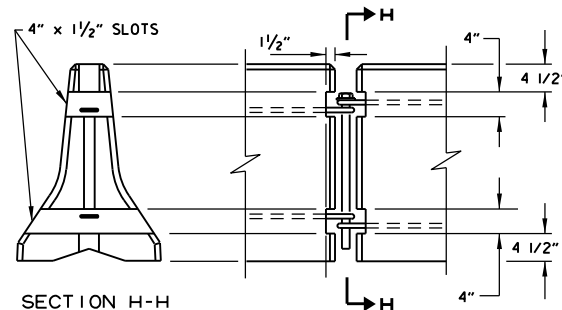
BARRIER STABILIZATION DETAIL

ROADWAY SECTION

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



ELEVATION

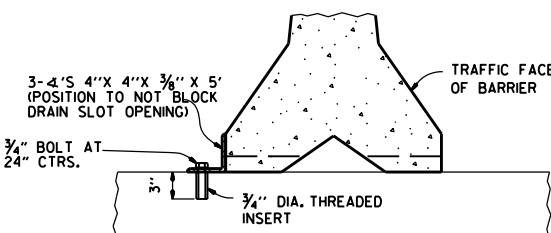


SECTION H-H

ELEVATION

BARRIER REMOVAL SLOT DETAILS

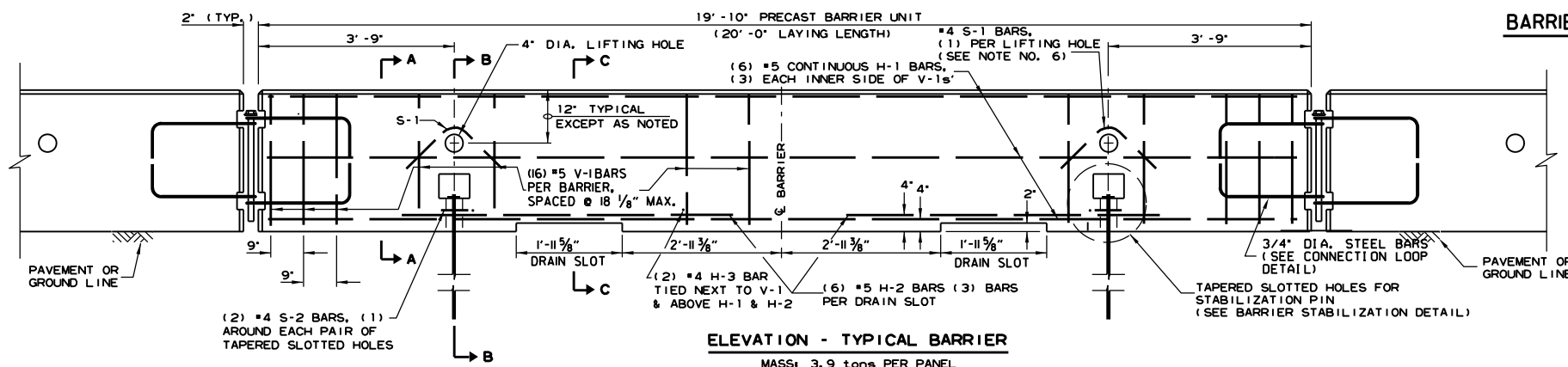
4"



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

BARRIER STABILIZATION DETAIL

BRIDGE DECKS



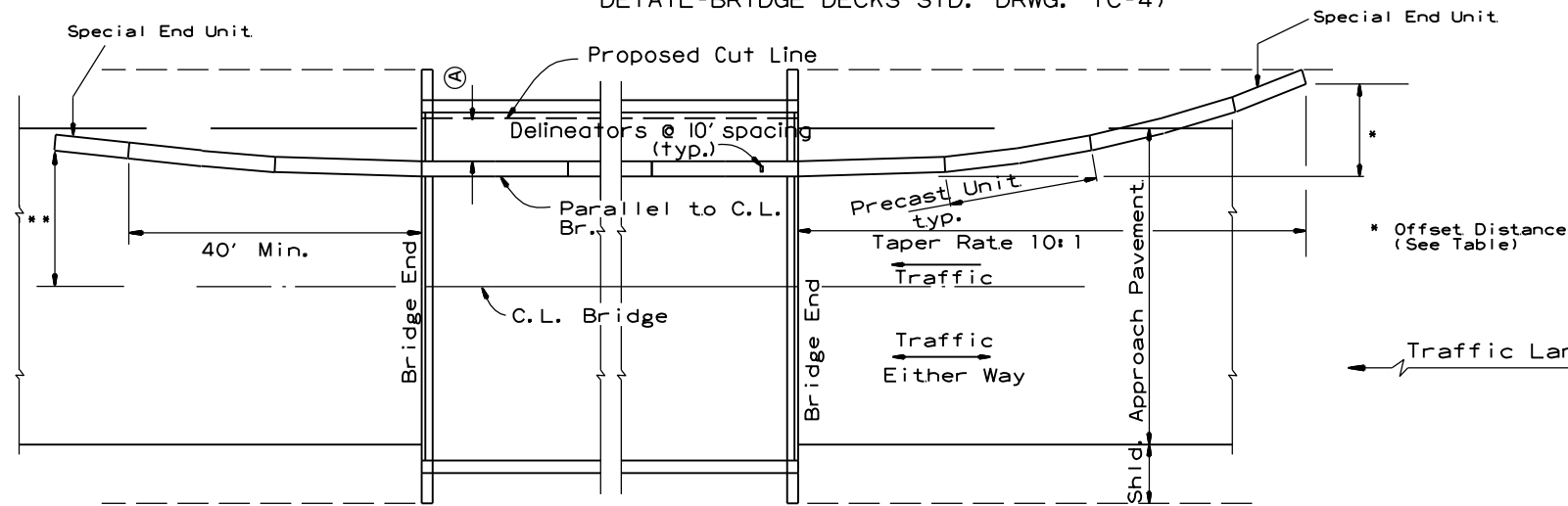
11-07-19	REVISED NOTE 3	
2-27-14	REVISED BARRIER STABILIZATION DETAIL	
10-15-09	ADDED REFERENCE TO MASH	
8-5-09	REV. NOTE 3 CONCERNING DRAIN SLOTS	
11-29-07	REVISED NOTE 3	
5-25-06	DELETED GENERAL NOTE 7	
11-18-04	REVISED BARRIER STABILIZATION DETAIL BRIDGE DECKS	
4-10-03	REVISED GENERAL NOTE 2	
8-22-02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

ARKANSAS STATE HIGHWAY COMMISSION

STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION - TEMPORARY PRECAST BARRIER

STANDARD DRAWING TC-4

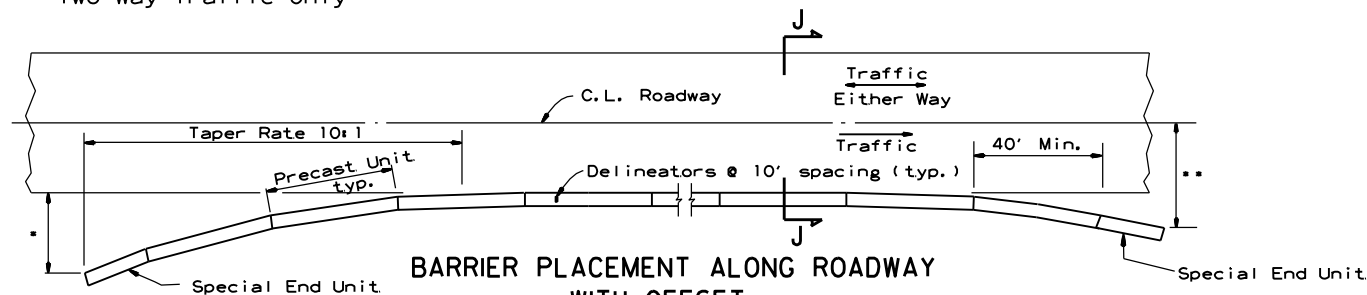
- (A) 4 feet or greater preferred. If less than 4 feet, Precast Units shall be connected to slab (SEE BARRIER STABILIZATION DETAIL-BRIDGE DECKS STD. DRWG. TC-4)



BARRIER PLACEMENT ALONG BRIDGE WITH OFFSET

No Scale

** Offset Distance for Two Way Traffic Only



BARRIER PLACEMENT ALONG ROADWAY WITH OFFSET

No Scale

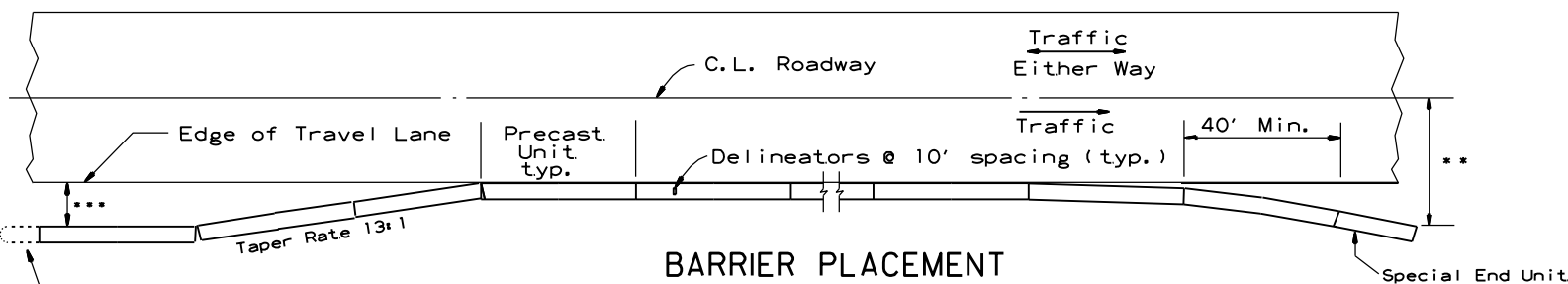
* Offset Distance (See Table)

** Offset Distance For Two Way Traffic Only

Offset Distance Table

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

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

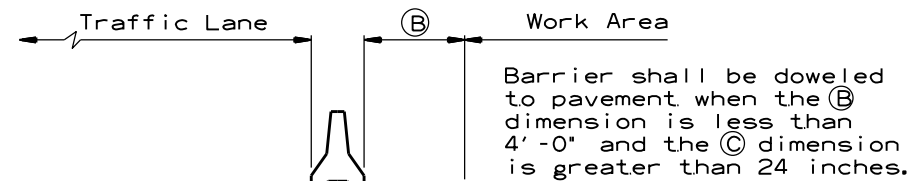


BARRIER PLACEMENT WITH ATTENUATOR

No Scale

** Offset Distance For Two Way Traffic Only

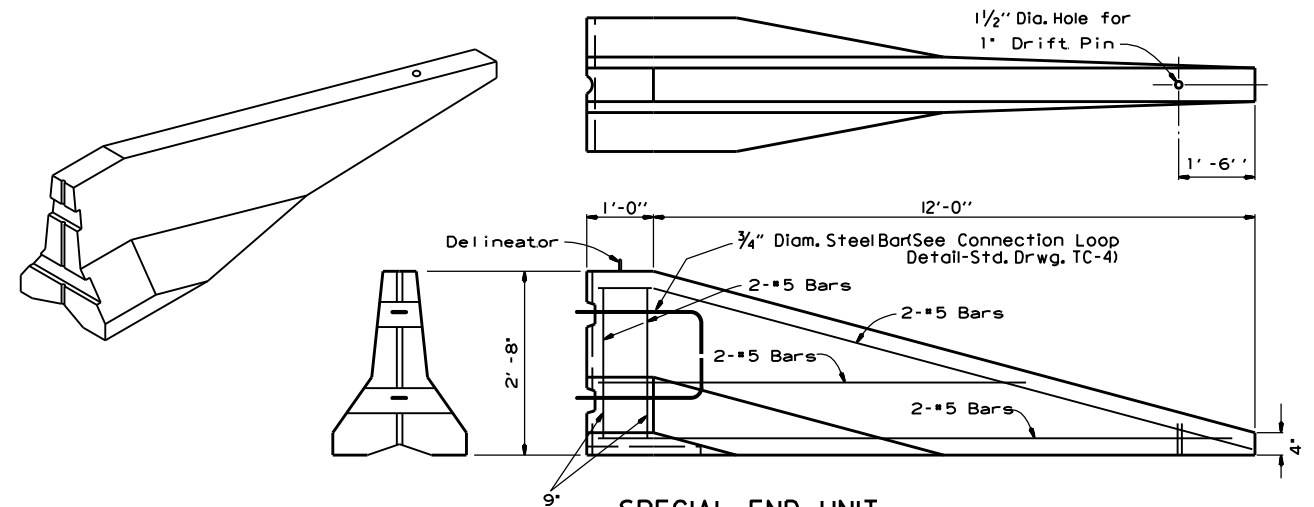
***Min. 3'-0" From Edge of Travel Lane to Nearest Edge of Attenuator



SECTION J-J

No Scale

Barrier shall be doweled to pavement when the (B) dimension is less than 4'-0" and the (C) dimension is greater than 24 inches.



SPECIAL END UNIT

No Scale

General Notes

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

ARIZONA STATE HIGHWAY COMMISSION		
STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION - TEMPORARY PRECAST BARRIER		
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
STANDARD DRAWING TC-5		