DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	1	98

INTERSTATE 30
SIGN UPGRADES (S)

"A FULLY CONTROLLED ACCESS FACILITY"

ARKANSAS DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLANS FOR STATE HIGHWAY

INTERSTATE 30
SIGN UPGRADES (S)

MILLER, HEMPSTEAD, NEVADA & CLARK COUNTIES
ROUTE I-30, VARIOUS SECTIONS

JOB 012439

FED. AID PROJ. NHPP-0076(310)



ARK. HWY. DIST. NO. 3 & 7

NOT TO SCALE

PROJECT LOCATIONS

DISTRICT 3 - MILLER COUNTY
ROUTE 30, SECTION 11, LOG MILE 0.00 - 16.924

DISTRICT 3 - HEMPSTEAD COUNTY
ROUTE 30, SECTION 12, LOG MILE 16.924 - 40.137

DISTRICT 3 - NEVADA COUNTY
ROUTE 30, SECTION 13, LOG MILE 40.137 - 53.078

DISTRICT 7 - CLARK COUNTY
ROUTE 30, SECTION 14, LOG MILE 53.078 - 80.566

DISTRICT 3 & 7 VICINITY MAP 1

N

APPROVED

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 10045
KELVIN REX VINES

Vines, Rex
Jan 26 2023 8:14 AM

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DEPUTY DIRECTOR
AND CHIEF ENGINEER

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	2	98
		INDEX OF SHEETS AND STANDARDS DRAWINGS				

INDEX OF SHEETS

SHEET NO.	TITLE	STR.NO.	DRWG.NO.
1	TITLE SHEET		
2	INDEX OF SHEETS AND STANDARD DRAWINGS		
3	GOVERNING SPECIFICATIONS AND GENERAL NOTES		
4 - 6	SPECIAL DETAILS		
7	TEMPORARY EROSION CONTROL DETAILS		
8 - 13	MAINTENANCE OF TRAFFIC DETAILS		
14	QUANTITIES		
15	SUMMARY OF QUANTITIES AND REVISIONS		
16 - 23	SIGNING QUANTITIES		
24 - 53	SIGN PLACEMENT SHEETS		
54 - 89	SIGN LAYOUT SHEETS		
90 - 93	STANDARD SIGN ASSEMBLIES		
94	DETAILS OF 55' TO 69' STEEL OVERHEAD SIGN STRUCTURE (SHEET 1 0F 5)	OH-030-46-17	60616
95	DETAILS OF 55' TO 69' STEEL OVERHEAD SIGN STRUCTURE (SHEET 2 0F 5)	OH-030-46-17	60617
96	DETAILS OF 55' TO 69' STEEL OVERHEAD SIGN STRUCTURE (SHEET 3 0F 5)	OH-030-46-17	60618
97	DETAILS OF 55' TO 69' STEEL OVERHEAD SIGN STRUCTURE (SHEET 4 0F 5)	OH-030-46-17	60619
98	DETAILS OF 55' TO 69' STEEL OVERHEAD SIGN STRUCTURE (SHEET 5 0F 5)	OH-030-46-17	60620

ROADWAY STANDARD DRAWINGS

DRWG.NO.	TITLE	DATE
GR-6	GUARDRAIL DETAILS	05-19-22
GR-7	GUARDRAIL DETAILS	11-07-19
GR-8	GUARDRAIL DETAILS	11-07-19
GR-9	GUARDRAIL DETAILS	11-07-19
GR-10	GUARDRAIL DETAILS	11-07-19
GR-11	GUARDRAIL DETAILS	11-07-19
GR-12	GUARDRAIL DETAILS	05-14-20
GRT-1	GUARDRAIL DETAILS	11-07-19
SHS-1	STANDARD HIGHWAY SIGNS AND SUPPORTS ASSEMBLIES	09-12-13
SHS-2	U-CHANNEL POST ASSEMBLIES	07-25-19
SHS-3	DETAIL OF BREAKAWAY SIGN SUPPORTS FOR GUIDE SIGNS	05-19-22
SHS-4	DETAIL OF BREAKAWAY SIGN SUPPORTS FOR STANDARD SIGNS	09-12-13
SHS-5	DETAILS OF GUIDE SIGN PANELS	09-12-13
SHS-6	MOUNTING DETAILS FOR DEMOUNTABLE LEGEND ON GUIDE SIGNS	09-12-13
SHS-7	DETAIL OF OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORTS	09-12-13
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
TEC-1	TEMPORARY EROSION CONTROL DEVICES	11-16-17
TEC-3	TEMPORARY EROSION CONTROL DEVICES	11-03-94

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

DATE REVISED	DATE REVISED	FED. RD DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/2/2023		6	ARK.	012439	3	98
		GOVERNING SPECIFICATIONS AND GENERAL NOTES				

GOVERNING SPECIFICATION

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
210-1_____	UNCLASSIFIED EXCAVATION
303-1_____	AGGREGATE BASE COURSE
306-1_____	QUALITY CONTROL AND ACCEPTANCE
400-4_____	DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
400-5_____	PERCENT AIR VOIDS FOR ACHM MIX DESIGNS
400-6_____	LIQUID ANTI-STRIP ADDITIVE
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
600-2_____	INCIDENTAL CONSTRUCTION
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)
617-1_____	GUARDRAIL TERMINAL (TYPE 2)
620-1_____	MULCH COVER
700-2_____	TRAFFIC CONTROL FACILITIES
723-1_____	GENERAL REQUIREMENTS FOR SIGNS
729-1_____	CHANNEL POST SIGN SUPPORT
730-1_____	BREAKAWAY SIGN SUPPORT
802-4_____	CEMENT
JOB 012439__	ASSESSMENT OF WORKING DAYS - MAINTENANCE OF TRAFFIC
JOB 012439__	BIDDING REQUIREMENTS AND CONDITIONS
JOB 012439__	BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
JOB 012439__	BUY AMERICA - CONSTRUCTION MATERIALS
JOB 012439__	CARGO PREFERENCE ACT REQUIREMENTS
JOB 012439__	CHANNEL POST SIGN SUPPORT
JOB 012439__	DESIGN AND QUALITY CONTROL ASPHALT MIXTURES
JOB 012439__	DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILIITIES
JOB 012439__	ESTABLISHING CONTRACT TIME - WORKING DAY CONTRACT
JOB 012439__	GENERAL REQUIREMENTS FOR SIGNS
JOB 012439__	GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
JOB 012439__	LIQUIDATED DAMAGES PROCEDURE FOR BID LETTINGS
JOB 012439__	MAINTENANCE OF TRAFFIC
JOB 012439__	MANDATORY ELECTRONIC CONTRACT
JOB 012439__	MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB 012439__	MODIFICATION OF EXISTING OVERHEAD SIGN STRUCTURE
JOB 012439__	OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORT
JOB 012439__	PARTNERING REQUIREMENTS
JOB 012439__	PRICE ADJUSTMENT FOR ASPHALT BINDER
JOB 012439__	PRICE ADJUSTMENT FOR FUEL
JOB 012439__	PROHIBITION OF CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT
JOB 012439__	REMOVAL AND DISPOSAL OF WIRE ROPE SAFETY FENCE
JOB 012439__	SEQUENCE OF CONSTRUCTION
JOB 012439__	SOIL STABILIZATION
JOB 012439__	SPECIAL SAFETY REQUIREMENTS FOR OVERHEAD SIGNS
JOB 012439__	STEEL SIGN STRUCTURES
JOB 012439__	SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
JOB 012439__	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
JOB 012439__	VALUE ENGINEERING
JOB 012439__	WARM MIX ASPHALT
JOB 012439__	WIRE ROPE SAFETY FENCE (WRSF) SPECIFICATIONS

GENERAL NOTES

1. ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.

2. ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.

3. ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.

4. ALL TREES THAT DO NOT DIRECTLY INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE SPARED AS DIRECTED BY THE ENGINEER. CARE AND DISCRETION SHALL BE USED TO INSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.

5. ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 210 - UNCLASSIFIED EXCAVATION.

6. 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.

7. THE SEQUENCE AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS IS A GENERAL OUTLINE FOR THE CONSTRUCTION OF THIS PROJECT, AND IN NO WAY IS IT INTENDED TO COVER EVERY ITEM IN THE PROJECT. ITEMS NOT CRITICAL TO THE CONSTRUCTION SEQUENCE MAY BE CONSTRUCTED IN ANY STAGE AS APPROVED BY THE RESIDENT ENGINEER.

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

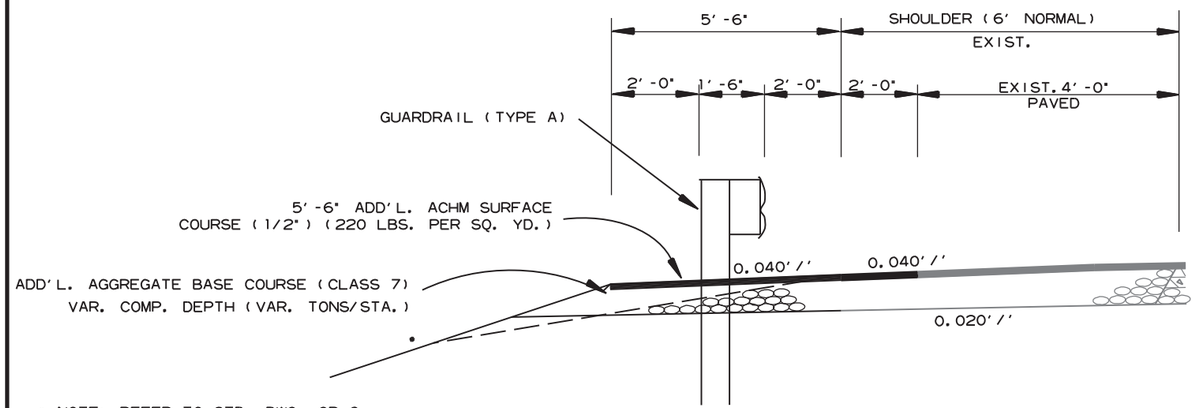
2-2-2023

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	4	98
		SPECIAL DETAILS				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
TRINITY D. SMITH

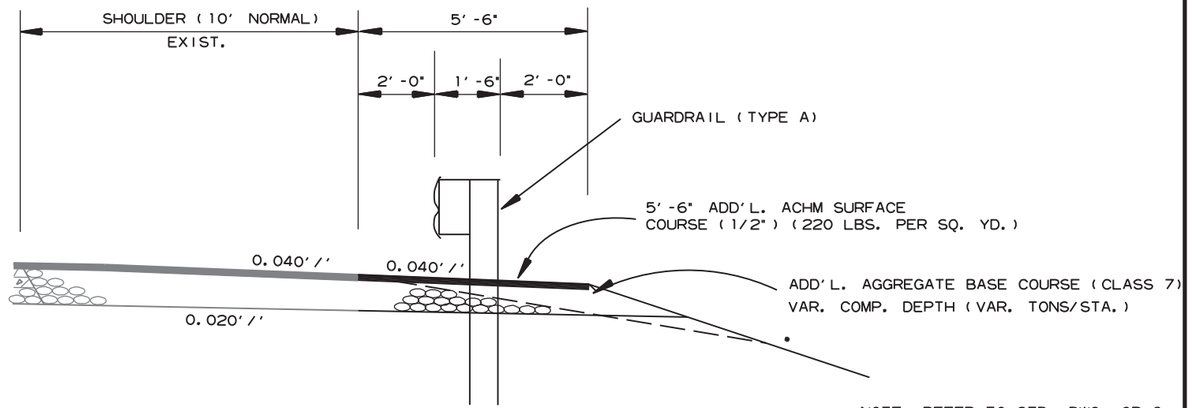
Smith, Trinity D.
Jan 25 2023 1:25 PM

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* NOTE: REFER TO STD. DWG. GR-9 AND CROSS SECTIONS FOR SLOPE REQUIREMENTS BEHIND GUARDRAIL.

WIDENING FOR GUARDRAIL
LEFT SHOULDER



* NOTE: REFER TO STD. DWG. GR-9 AND CROSS SECTIONS FOR SLOPE REQUIREMENTS BEHIND GUARDRAIL.

WIDENING FOR GUARDRAIL
RIGHT SHOULDER

GUARDRAIL INSTALLATION LOCATIONS

ROUTE	LOG MILE	LOCATION	SIDE	GUARDRAIL (TYPE A)	TERMINAL ANCHOR POST (TYPE I)	GUARDRAIL TERMINAL (TYPE 2)
I-30	141.113	I-30 RT	RT.	275'	1	1
I-30	141.113	I-30 LT	LT.	275'	1	1

RD38049 7/22/2022
ROADWAY SPECIAL DETAILS.DGN

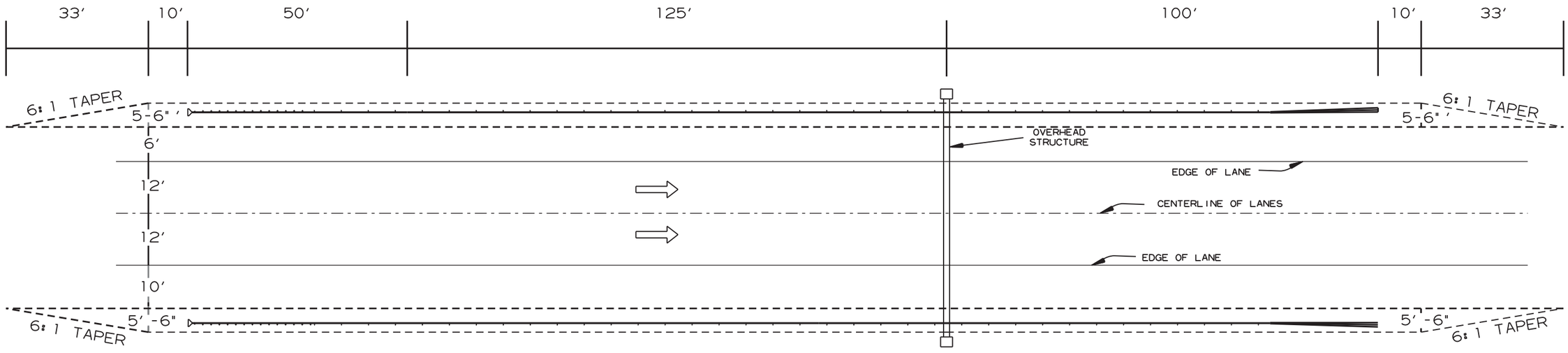
SPECIAL DETAILS

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	5	98
		SPECIAL DETAILS				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
TRINITY D. SMITH

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GUARDRAIL INSTALLATION FOR OVERHEAD SIGN STRUCTURE

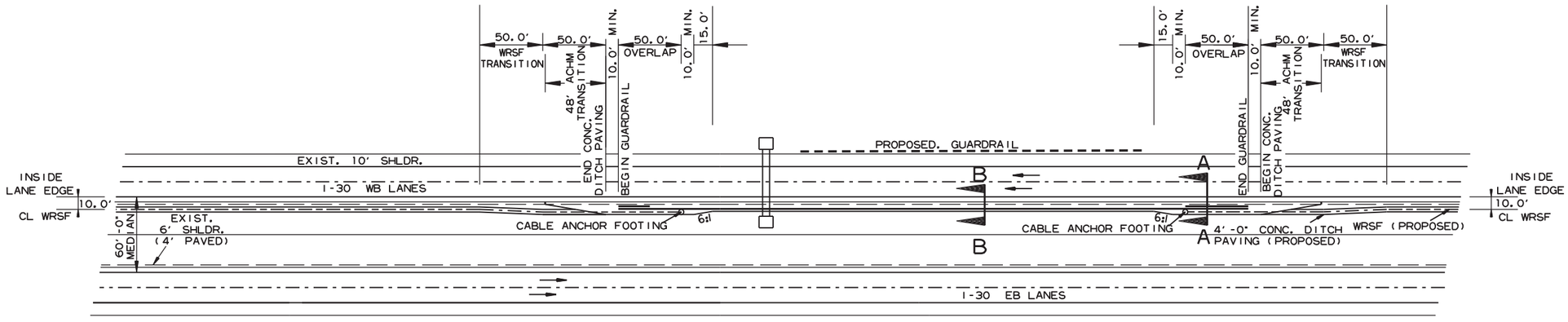
NOTE: SHOWN IN DIRECTION OF TRAFFIC

SIGN STRUCTURE	LOG MILE
I-30	141.113

SH35336 8/8/2022
R061754.DGN

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	6	98
		SPECIAL DETAILS				

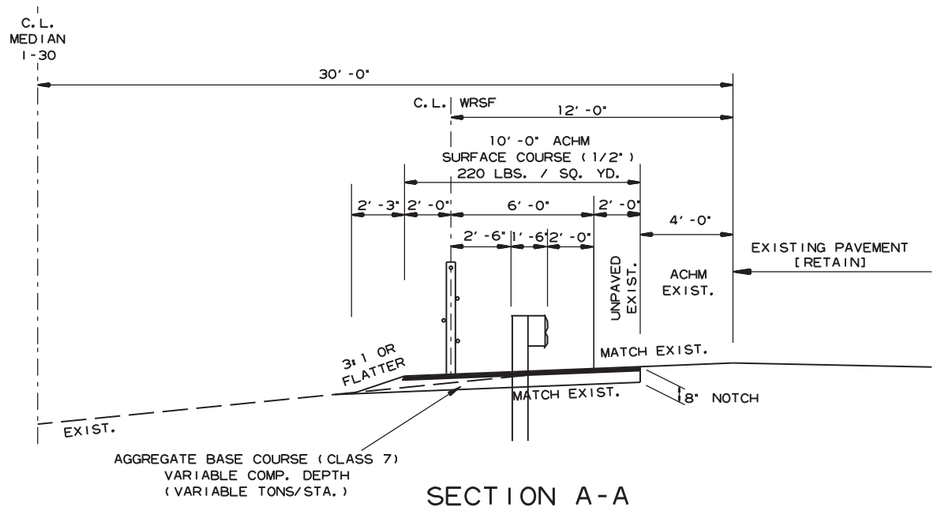
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
TRINITY D. SMITH
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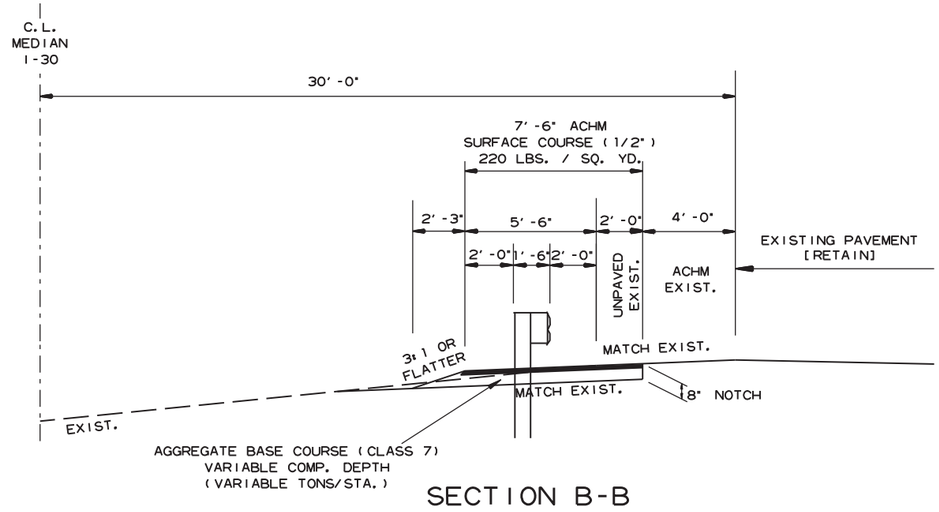
DETAIL AT OVERHEAD SIGN STRUCTURE

NOTE: REFER TO PLAN SHEETS
FOR PLACEMENT OF WIRE ROPE SAFETY FENCE
ON EASTBOUND OR WESTBOUND FORESLOPES.

WRSF ANCHOR	LOG MILE
2	141.113



SECTION A-A



SECTION B-B

DETAILS OF SHOULDER WIDENING FOR GUARDRAIL AND OVERLAPS WITH ENDS OF WIRE ROPE SAFETY FENCE

RD38049 7/22/2022
ROADWAY SPECIAL DETAILS.DGN

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	7	98
		TEMPORARY EROSION CONTROL DETAILS				

REVISIONS

DATE OF REVISION	REVISION

LEGEND

E-II = SILT FENCE

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
TRINITY D. SMITH

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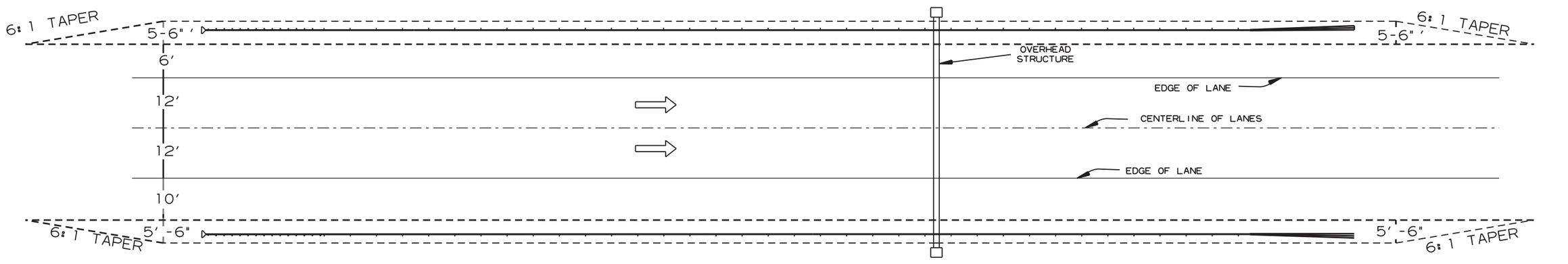
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NOTE: SHOWN IN DIRECTION OF TRAFFIC

BEGIN SILT FENCE

E-II
=369 LIN.FT.

END SILT FENCE



BEGIN SILT FENCE

E-II
=366 LIN.FT.

END SILT FENCE

SILT FENCE INSTALLATION DETAIL FOR WIDENING
FOR GUARDRAIL AT OVERHEAD SIGNS

TEMPORARY EROSION CONTROL DETAILS

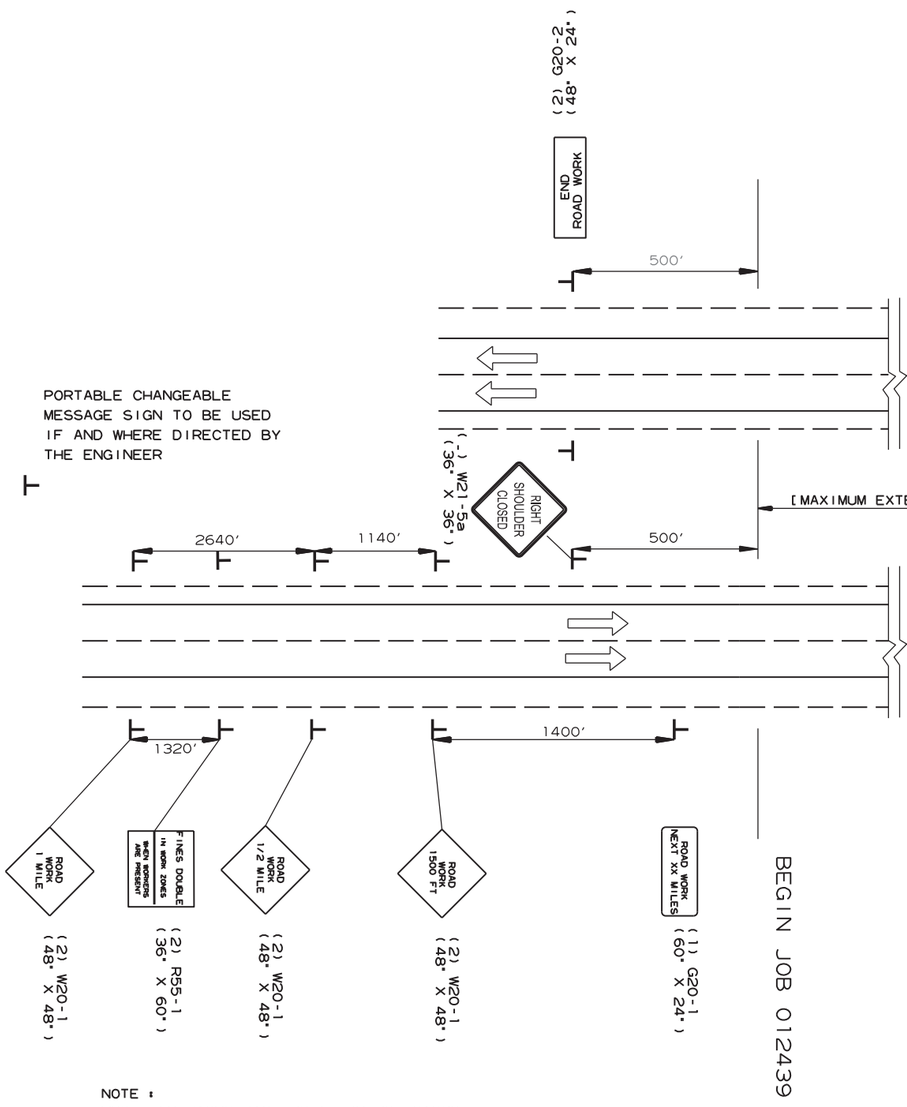
SH35336 8/8/2022
R061754.DGN

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	8	98
		MAINTENANCE OF TRAFFIC DETAILS				

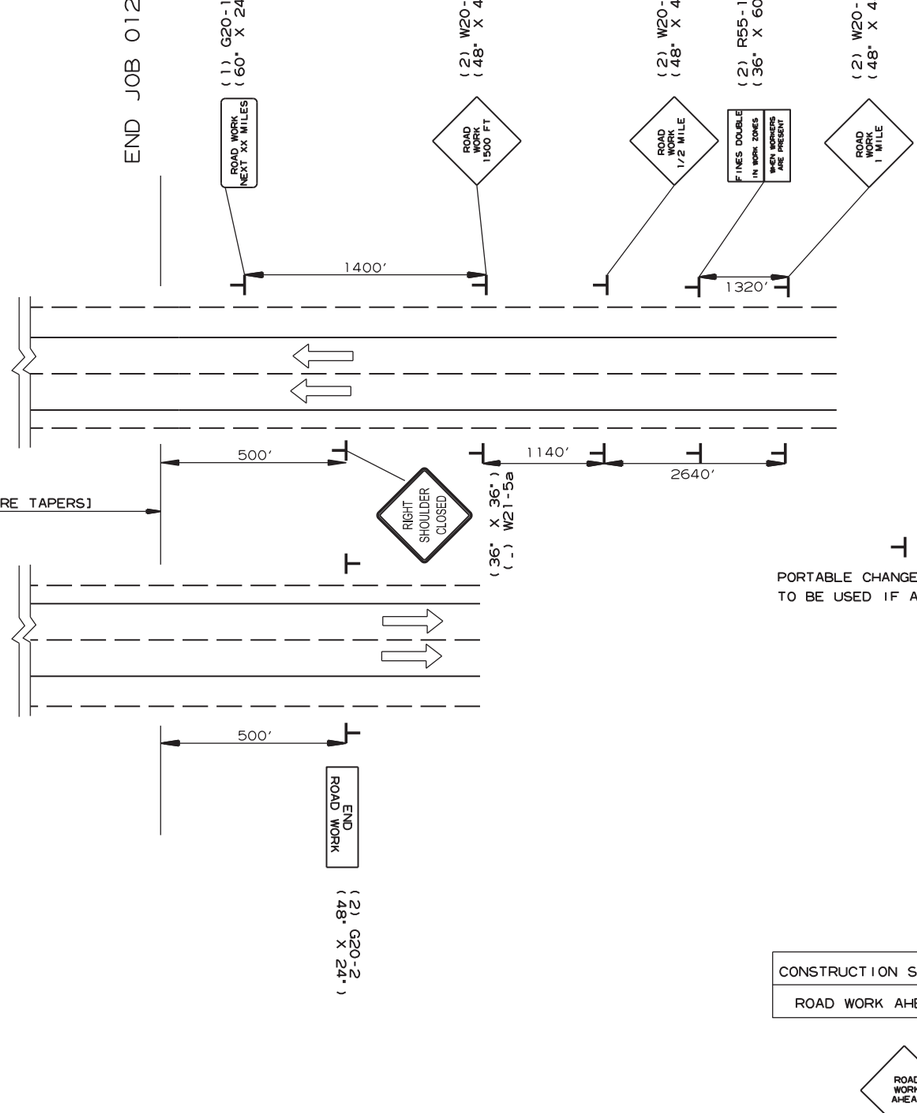
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
TRINITY D. SMITH

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



PORTABLE CHANGEABLE MESSAGE SIGN
TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER

PORTABLE CHANGEABLE MESSAGE SIGN
TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER

CONSTRUCTION SIGNS FOR ENTRANCE RAMPS	
ROAD WORK AHEAD (W20-1)	1

ROAD WORK AHEAD

(32) W20-1
(48" X 48")
ON ENTRANCE RAMPS

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

ADVANCE SIGNS AT BEGINNING AND END OF JOB ALL STAGES

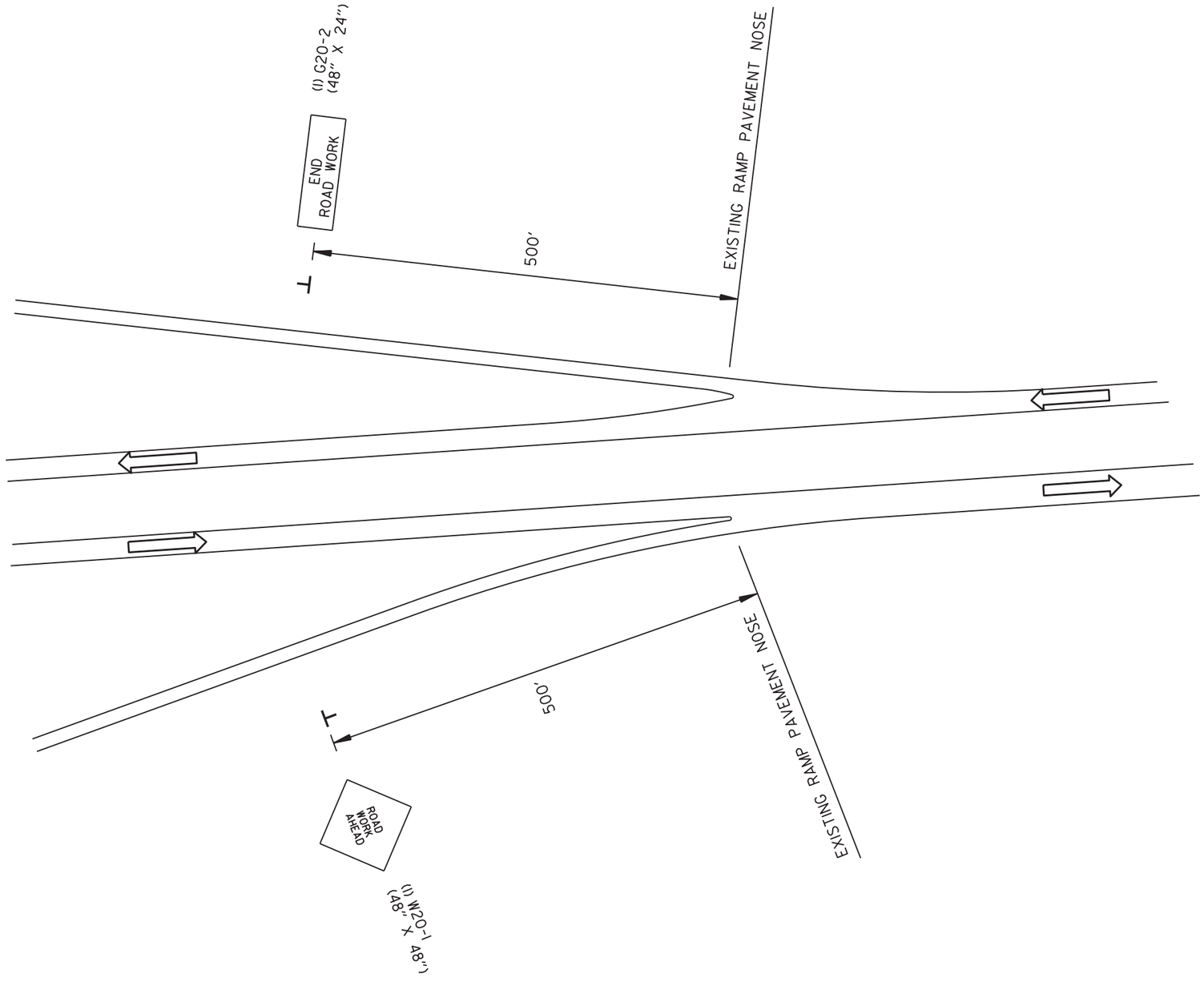
DN42608 1/3/2023
012439.DGN

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	9	98
		MAINTENANCE OF TRAFFIC DETAILS				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
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ADVANCE WARNING SIGNS
DETAIL OF ENTRANCE AND EXIT RAMPS

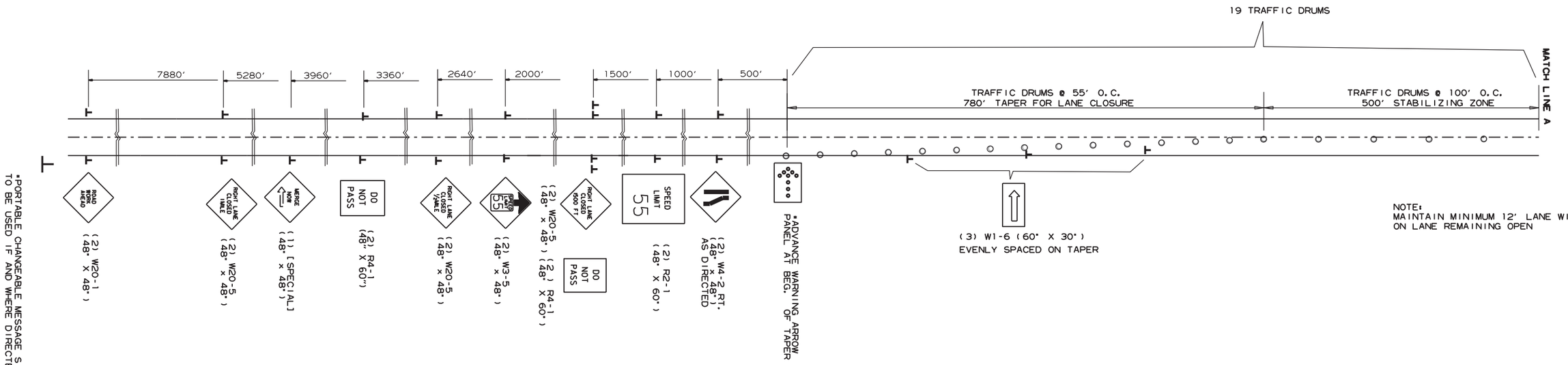
DN42608 1/3/2023
012439.DGN

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		6	ARK.	012439	10	98
		MAINTENANCE OF TRAFFIC DETAILS				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
TRINITY D. SMITH

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ADVANCE WARNING SIGNS & TYPICAL TRAFFIC DRUM LAYOUT
FOR INSIDE LANE CLOSURES AT OVERHEAD SIGN INSTALLATION

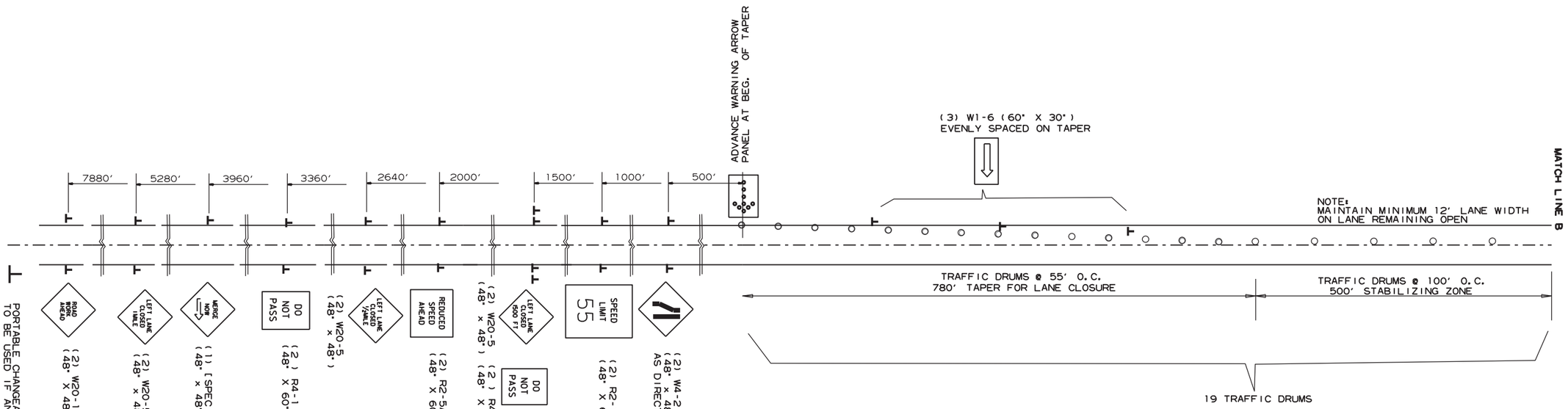
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012439.DGN

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	11	98
		MAINTENANCE OF TRAFFIC DETAILS				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
TRINITY D. SMITH

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ADVANCE WARNING SIGNS & TYPICAL TRAFFIC DRUM PLACEMENT
FOR OUTSIDE LANE CLOSURE AT OVERHEAD SIGN INSTALATION

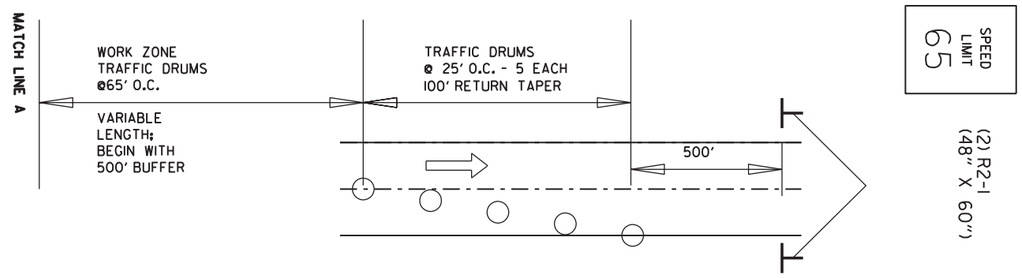
DN42608 1/3/2023
012439.DGN

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
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		MAINTENANCE OF TRAFFIC DETAILS				

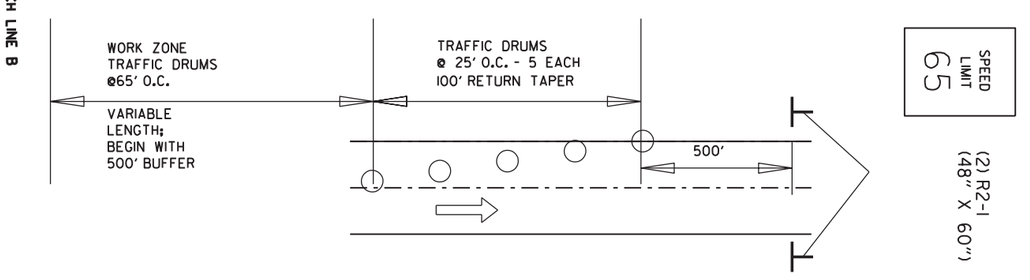
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
TRINITY D. SMITH

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DIVERSION FOR OUTSIDE LANE CLOSURE



TYPICAL TRAFFIC DRUM LAYOUT
FOR DIVERSION OF LANE CLOSURES
AT OVERHEAD SIGN INSTALATION

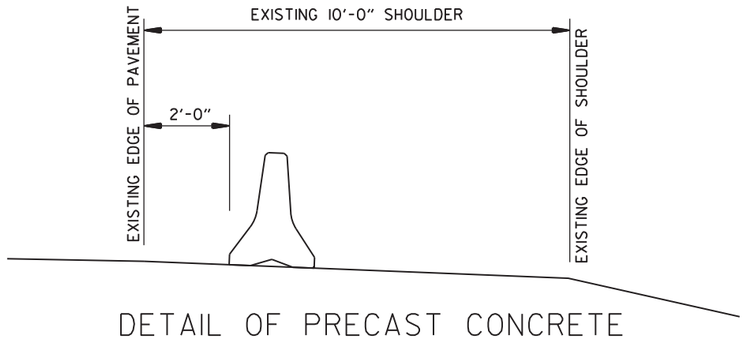
DN42608 1/3/2023
012439.DGN

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	13	98
		MAINTENANCE OF TRAFFIC DETAILS				

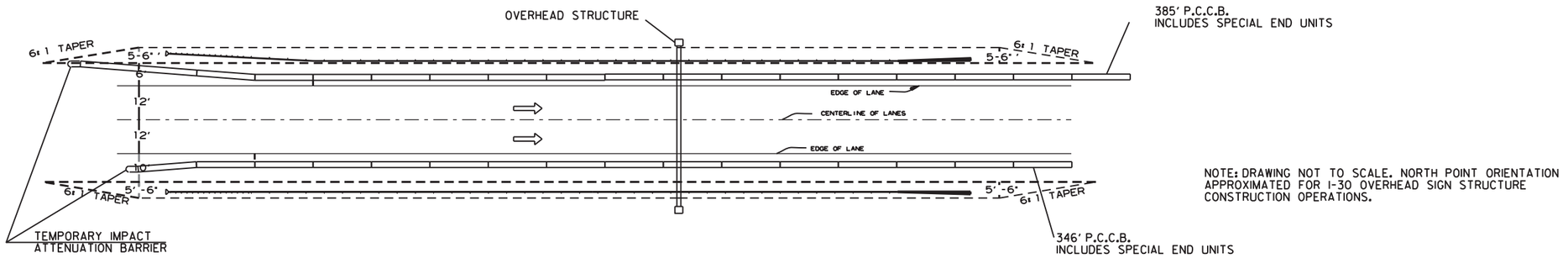
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
TRINITY D. SMITH

Jan 25 2023 1:25 PM

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DETAIL OF PRECAST CONCRETE
BARRIER WALL PLACEMENT
ADJACENT TO EXISTING LANE
AT OVERHEAD SIGN INSTALATION



NOTE: DRAWING NOT TO SCALE. NORTH POINT ORIENTATION APPROXIMATED FOR I-30 OVERHEAD SIGN STRUCTURE CONSTRUCTION OPERATIONS.

NOTE: SHOWN IN DIRECTION OF TRAFFIC

PRECAST CONCRETE BARRIER WALL PLACEMENT FOR
GUARDRAIL INSTALLATION OPERATIONS AT OVERHEAD SIGN INSTALATION

DN42608 1/3/2023
012439.DGN

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	14	98
		QUANTITIES				

EROSION CONTROL

STATION	STATION	LOCATION	PERMANENT EROSION CONTROL					TEMPORARY EROSION CONTROL	
			SEEDING	LIME	MULCH COVER	WATER	SECOND SEEDING APPLICATION	SILT FENCE (E-11)	*SEDIMENT REMOVAL & DISPOSAL
			ACRE	TON	ACRE	M.GAL.	ACRE	LIN. FT.	CU. YD.
ENTIRE	PROJECT	GUARDRAIL INSTALLATION	0.57	1.14	0.57	58.1	0.57	735	27
*ENTIRE PROJECT TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER.			0.25	0.50	0.25	25.5	0.25	100	4
TOTALS:			**0.82**	**1.64**	**0.82**	**83.6**	**0.82**	**835**	**31**

BASIS OF ESTIMATE:
LIME .....2 TONS / ACRE OF SEEDING
WATER.....102.0 M.G. / ACRE OF SEEDING

NOTE: THE TEMPORARY EROSION CONTROL DEVICES SHOWN ABOVE AND ON THE PLANS SHALL BE INSTALLED IN SUCH A SEQUENCE AS TO DETER EROSION AND SEDIMENTATION ON U.S. WATERWAYS AS EXPLAINED BY THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT.

*QUANTITIES ESTIMATED.
SEE SECTION 104.03 OF THE STD. SPECS.

BASE AND SURFACING

LOG MILE	DIRECTION	LOCATION	LENGTH	AGGREGATE BASE COURSE (CLASS 7)		ACHM SURFACE COURSE (1/2")			
				TON / STATION	TON	AVG. WID.	SQ.YD.	POUND / SQ.YD.	PG 64-22
			FEET			FEET			TON
MAIN LANES									
141.113	WB	I- 30 - GUARDRAIL WIDENING RT	327.96	VAR.	76.45	5.50	200.42	220.00	22.05
141.113	WB	I- 30 - GUARDRAIL WIDENING LT	327.96	VAR.	76.45	7.50	273.30	220.00	30.06
TOTALS:					**152.90**		**473.72**		**52.11**

BASIS OF ESTIMATE:
ACHM SURFACE COURSE (1/2").....95.0% MIN. AGGR.....5.0% ASPHALT BINDER
MAXIMUM NUMBER OF GYRATIONS = 115 FOR PG 64-22
TACK COAT QUANTITIES WERE CALCULATED USING THE EMULSIFIED ASPHALT RATES. REFER TO SS-400-1 FOR THE RESIDUAL ASPHALT APPLICATION RATES.

SOIL STABILIZATION

STATION	STATION	LOCATION / DESCRIPTION	SOIL STABILIZATION
			TON
ENTIRE	PROJECT	TO BE USED IF AND WHERE	50
		DIRECTED BY THE ENGINEER	
TOTAL:			**50**

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

EARTHWORK

ROUTE	LOG MILE	LOCATION / DESCRIPTION	UNCLASSIFIED EXCAVATION
			CU. YD.
I-30	141.113	WB I-30	55.68
I-30	141.113	WB I-30	55.68
TOTALS:			**111.36**

NOTE: EARTHWORK QUANTITIES SHALL BE PAID AS PLAN QUANTITY.

GUARDRAIL

ROUTE	LOG MILE	LOCATION	GUARDRAIL (TYPE A)	GUARDRAIL TERMINAL (TYPE 2)	TERMINAL ANCHOR POST (TYPE 1)
			LIN. FT.	EACH	
I-30	141.113	I-30 LT	275	1	1
I-30	141.113	I-30 LT	275	1	1
TOTALS:			**550**	**2**	**2**

WIRE ROPE SAFETY FENCE

LOG MILE	LOCATION	WIRE ROPE SAFETY FENCE	WRSF ANCHOR*
		LIN. FT	EACH
141.112	RT OF C.L. I-30	**50.00**	**1.00**
141.114	RT OF C.L. I-30	**50.00**	**1.00**
TOTAL		**100**	**2**

* THIS ITEM SHOWN FOR INFORMATION ONLY

REMOVAL AND DISPOSAL OF ITEMS

LOG MILE	LOCATION	WIRE ROPE SAFETY FENCE
		LIN. FT.
141.113	RT OF C.L. I-30	361
TOTALS:		**361**

ADVANCE WARNING SIGNS AND DEVICES

SIGN NUMBER	DESCRIPTION	SIGN SIZE	END OF JOB	MAXIMUM NUMBER REQUIRED	TOTAL SIGNS REQUIRED		TRAFFIC DRUMS	FURNISHING & INSTALLING PRECAST CONC. BARRIER	TEMPORARY IMPACT ATTENUATION BARRIER	TEMP. IMPACT ATTEN.BARR. (REPAIR)	* ADVANCE WARNING ARROW PANEL	* PORTABLE CHANGEABLE MESSAGE SIGN
			LIN. FT. - EACH		NO.	SQ. FT.	EACH	LIN. FT.	EACH		DAY	WEEK
W20-1	ROAD WORK 1500 FT.	48"x48"	2	2	2	32.0						
W20-1	ROAD WORK 1000 FT.	48"x48"	2	2	2	32.0						
W20-1	ROAD WORK 500 FT.	48"x48"	2	2	2	32.0						
W20-1	ROAD WORK AHEAD	48"x48"	34	34	34	544.0						
W20-5	LANE CLOSED	48"x48"	12	12	12	192.0						
G20-2	END ROAD WORK	48"x24"	34	34	34	272.0						
G20-1	ROAD WORK NEXT xx MILES	60"x24"	2	2	2	20.0						
R2-1	SPEED LIMIT (ADVISORY)	48"X60"	4	4	4	40.0						
R2-5A	REDUCED SPEED AHEAD	48"X60"	4	4	4	40.0						
R4-1	DO NOT PASS	48"X60"	4	4	4	40.0						
R55-1	FINES DOUBLE IN WORK ZONES	60"X36"	2	2	2	10.0						
W21-5a	RIGHT SHOULDER CLOSED	36"x36"	2	2	2	18.0						
W4-2	LANE MERGE	48"x48"	4	4	4	64.0						
W1-6	ARROW	60"X30"	6	6	6	96.0						
W3-5	XX MPH SPEED ZONE AHEAD	48"X48"	2	2	2	32.0						
	TRAFFIC DRUMS		80	80			80					
	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER		731	731				731				
	TEMPORARY IMPACT ATTENUATION BARRIER		2	2					2			
	TEMPORARY IMPACT ATTENUATION BARRIER (REPAIR)		4	4						4		
	ADVANCE WARNING ARROW PANEL		1	1							7	
	PORTABLE CHANGEABLE MESSAGE SIGN		1	1								1
TOTALS:						**1464.0**	**80**	**731**	**2**	**4**	**7**	**1**

NOTE: THIS IS A HIGH TRAFFIC VOLUME ROAD AS DEFINED IN SECTION 604.03, STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
TRINITY D. SMITH

Jan 25 2023 1:25 PM
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QUANTITIES

DATE REVISED	DATE REVISED	FED.RD. DIST.NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/2/2023		6	ARK.	012439	15	98
		SUMMARY OF QUANTITIES & REVISIONS				

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 11425
TRINITY D. SMITH

Smith, Trinity D.
Feb 24 2023 2:35 PM

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SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	QUANTITY	UNIT
SP & 202	REMOVAL AND DISPOSAL OF WIRE ROPE SAFETY FENCE	361	LIN. FT.
SP, SS, & 210	UNCLASSIFIED EXCAVATION	111	CU. YD.
SP & 210	SOIL STABILIZATION	50	TON
SP, SS, & 303	AGGREGATE BASE COURSE (CLASS 7)	153	TON
SP, SS, & 407	MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2")	49	TON
SP, SS, & 407	ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (1/2")	3	TON
601	MOBILIZATION	1.00	LUMP SUM
SP, SS, & 603	MAINTENANCE OF TRAFFIC	1.00	LUMP SUM
SS & 604	SIGNS	1464	SQ. FT.
SS & 604	TRAFFIC DRUMS	80	EACH
SS & 604	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER	731	LIN. FT.
SS & 604	ADVANCE WARNING ARROW PANEL	7	DAY
SP, SS, & 604	PORTABLE CHANGEABLE MESSAGE SIGN	1	WEEK
SS & 617	GUARDRAIL (TYPE A)	550	LIN. FT.
SS & 617	TERMINAL ANCHOR POSTS (TYPE 1)	2	EACH
SS & 617	GUARDRAIL TERMINAL (TYPE 2)	2	EACH
SP	WIRE ROPE SAFETY FENCE	100	LIN. FT.
620	LIME	2	TON
620	SEEDING	0.82	ACRE
SS & 620	MULCH COVER	0.82	ACRE
620	WATER	83.6	M. GAL.
621	SILT FENCE	835	LIN. FT.
621	SEDIMENT REMOVAL AND DISPOSAL	31	CU. YD.
623	SECOND SEEDING APPLICATION	0.82	ACRE
635	ROADWAY CONSTRUCTION CONTROL	1.00	LUMP SUM
SP	STEEL OVERHEAD SIGN STRUCTURE (OH-30-46-17)	1	EACH
SP	MODIFICATION OF EXISTING OVERHEAD SIGN STRUCTURE	3	EACH
SP	MODIFICATION OF EXISTING CANTILEVER SIGN STRUCTURE	2	EACH
SS & 725	GUIDE SIGN-ROADSIDE MOUNTED (DEMOUNTABLE LEGEND)	21466	SQ. FT.
SS & 725	GUIDE SIGN-OVERHEAD MOUNTED (DEMOUNTABLE LEGEND)	1674	SQ. FT.
SS & 726	STANDARD SIGN	3248	SQ. FT.
SS & 727	EXIT NUMBER PANEL (TYPE A)	1008	SQ. FT.
SP, SS, & 729	CHANNEL POST SIGN SUPPORT (TYPE U-1)	194	EACH
SS & 730	BREAKAWAY SIGN SUPPORT (TYPE G-2)	125383	POUND
SP	OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORTS (TYPE G-1)	54	EACH
SP	OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORTS (TYPE G-2)	38	EACH
SP	OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORTS (TYPE G2-1)	102	EACH
SP	OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORTS (TYPE G2-2)	6	EACH
SS & 731	TEMPORARY IMPACT ATTENUATION BARRIER	2	EACH
SS & 731	TEMPORARY IMPACT ATTENUATION BARRIER (REPAIR)	4	EACH

REVISIONS

DATE	REVISION	SHEET NUMBER
2/2/2023	ADJUSTED ACHM SIGNING QUANTITY VALUES. ALTERED SHEET TITLES FORMALLY NAMED " SIGN LAYOUT SHEETS" TO "STANDARD SIGN ASSEMBLIES". REMOVED STANDARD DRAWINGS SD-5, SD-6, SD-9, AND SD-12.	15, 16, 17, 90, 91, 92, 93
2/24/2023	REMOVED STORM WATER POLLUTION PRVENTION PLAN SPECIAL PROVISON.	2, 15

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DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/2/2023		6	ARK.	012439	16	98
		SIGNING SUMMARY OF QUANTITIES				

SIGNING SUMMARY OF QUANTITIES

ITEM NUMBER	ITEM	TOTAL	UNIT
SP, SS & 303	AGGREGATE BASE COURSE (CLASS 7)	153	TON
SP, SS & 407	MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2")	49	TON
SP, SS & 407	ASPHALT BINDER (PG 64-22) IN ACHM SURFACE COURSE (1/2")	3	TON
SS & 617	GUARDRAIL (TYPE A)	550	LIN.FT.
SS & 617	TERMINAL ANCHOR POSTS (TYPE 1)	2	EACH
SS & 617	GUARDRAIL TERMINAL (TYPE 2)	2	EACH
SP	STEEL OVERHEAD SIGN STRUCTURE (OH-30-46-17)	1	EACH
SP	MODIFICATION OF EXISTING OVERHEAD SIGN STRUCTURE	3	EACH
SP	MODIFICATION OF EXISTING CANTILEVER SIGN STRUCTURE	2	EACH
SS & 725	GUIDE SIGN - ROADSIDE MOUNTED (DEMOUNTABLE LEGEND)	21465.5	SQ. FT.
SS & 725	GUIDE SIGN - OVERHEAD MOUNTED (DEMOUNTABLE LEGEND)	1673.5	SQ. FT.
SS & 726	STANDARD SIGN	3248	SQ. FT.
SS & 727	EXIT NUMBER PANEL (TYPE A)	1007.5	SQ. FT.
SP & 729	CHANNEL POST SIGN SUPPORT (U-1)	194	EACH
SS & 730	BREAKAWAY SIGN SUPPORT (TYPE G-2)	125382.96	POUND
SP	OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORTS (TYPE G1)	54	EACH
SP	OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORTS (TYPE G2)	38	EACH
SP	OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORTS (TYPE G2-1)	102	EACH
SP	OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORTS (TYPE G2-2)	6	EACH

NOTES:

ALL EXISTING GUIDE SIGNS SHALL BE MAINTAINED IN SUCH A MANNER THAT THE SIGNS ARE FULLY VISIBLE, INTACT, AND ERECT FOR THE DURATIONS OF THE PROJECT, AND SHALL BE REMOVED WHEN THEIR USE IS NOT LONGER REQUIRED. REMOVAL AND DISPOSAL OF SIGNS, SUPPORTS AND FOUNDATIONS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED SUBSIDIARY TO OTHER ITEMS IN THE CONTRACT.

THE EXISTING SIGNS AND SUPPORTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE EXISTING FOOTINGS SHALL BE REMOVED AND THE HOLES FILLED WITH A SUITABLE MATERIAL AND COMPACTED.

EXISTING LOGOS WILL BE RELOCATED TO THE NEW LOGO SIGN BY THE CONTRACTOR. THE LOGO INSTALLATION SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED SUBSIDIARY TO OTHER ITEMS IN THE CONTRACT.

THE EXISTING SIGNS NOT NOTED IN THE PLANS SHALL BE MAINTAINED AND LEFT INTACT FOR THE DURATION OF THE PROJECT.

THE CONTRACTOR SHOULD MAKE EVERY EFFORT TO LOCATE BURIED UTILITIES PRIOR TO EXCAVATIONS INCLUDING, BUT NOT LIMITED TO, CALLING ARKANSAS ONE CALL CENTER (800) 482-8998 FOR LOCATES. SHOULD IT BE DETERMINED A POSSIBILITY OF A UTILITY CONFLICT, CONTRACTOR SHALL CONSULT WITH THE RESIDENT ENGINEER FOR FUTHER GUIDANCE.

BREAKAWAY SIGN SUPPORT TOTAL IS CALCULATED BY TAKING THE LENGTH OF H1, H2, H3 AND THE STUB POST AND MULTIPLYING BY THE BEAM WEIGHT (LBS).

BASIS OF ESTIMATE:
NMAX=115
MINERAL AGGREGATE 95.0%
ASPHALT BINDER (PG 64-22) 5.0%

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

2-2-2023

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/2/2023		6	ARK.	012439	17	98
		SIGNING QUANTITIES				

OVERHEAD SIGNING QUANTITIES (BOX 1 OF 1)

SIGN NO./ LOCATION	STRUCTURE TYPE: INSTALL SIGN STRUCTURE ST	OC	OH	BM	REMOVE EXISTING SIGN STRUCTURE ST	OC	OH	BM	MODIFICATION OF EXISTING SIGN STRUCTURE ST	OC	OH	BM	GUIDE SIGN LENGTH LIN. FT.	HEIGHT LIN. FT.	SQ. FT.	LEGEND	EXIT NUMBER PANEL TYPE A SQ. FT.	B SQ. FT.	C SQ. FT.	OVERHEAD DMS ASSEMBLY EACH	STD. SIGN SQ. FT.	GUARDRAIL TYPE A LIN. FT.	TERM. ANCHOR POSTS TYPE 1 EACH	GUARDRAIL TERM. TYPE 2 EACH	AGG. BASE CR (CL. 7) TON	ACHM SURF. CR. 220 LBS/SY TON
OH-30-46-17			1																				550	2	2	153	52
OH30-223-1WB													18.00	11.50	207.00	223	23.75										
OH30-1-2WB													12.00	8.00	96.00	1	17.50										
OH-30-46-04											1																
OH30-3-1EB													13.50	15.00	202.50	3	17.50										
OH30-2-1EB													14.00	10.00	140.00	2	17.50										
OH-30-29-07											1																
OH30-31-2WB													13.00	8.00	104.00												
OH30-30-1WB													11.50	11.50	132.25	30	20.00										
OH30-31-1WB													8.00	10.00	80.00	31	20.00										
OH-30-46-03											1																
OH30-223-2WB													18.00	11.50	207.00	223	23.75										
OH30-1-1WB													11.50	8.50	97.75	1	17.50										
OC-30-46-07										1																	
OC30-WC-1EB													18.50	11.00	203.50												
OC-30-46-08										1																	
OC30-WC-2EB													18.50	11.00	203.50												
TOTALS:			**1**							**2**	**3**				**1673.50**		**157.50**						**550**	**2**	**2**	**153**	**52**



2-2-2023

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	18	98
		SIGNING QUANTITIES				

MAIN LANES ROADSIDE MOUNTED SIGNING QUANTITIES (BOX 1 OF 4)

SIGN NO./ LOCATION	OMNI-DIRECTIONAL SIGN SUPPORT			I-BEAM STRUCTURE TYPE			GUIDE SIGN DEMOUNTABLE LEGEND			I-BEAM BREAKAWAY SIGN SUPPORT												EXIT NUMBER PANEL				SUPPLEMENTAL GUIDE SIGN DEMOUNTABLE	
							LENGTH	HEIGHT		STEEL SECT. A-572		SIGN POST LENGTH			STUB POST			FOOTINGS			SIGN POST AND STUB	LEGEND	TYPE			LEGEND	SQ. FT.
	G1	G2	G3	G1	G2	G3	LIN. FT.		SQ. FT.	BEAM	LBS	H - 1	H - 2	H - 3	H - 1	H - 2	H - 3	DIA.	DEPTH	EMBED.	POUND		A	B	C		
												LIN FT			LIN FT			LIN FT					SQ. FT.				
EXIT 1-WB		1					6.50	5.00	32.50																		
EXIT 2-EB		1					6.50	5.00	32.50																		
EXIT 2-WB		1					6.50	5.00	32.50																		
EXIT 3-EB		1					6.50	5.00	32.50																		
EXIT 3-WB		1					6.50	5.00	32.50																		
EXIT 7-EB		1					6.50	5.00	32.50																		
EXIT 7WB		1					6.50	5.00	32.50																		
EXIT 12-EB		1					6.50	5.00	32.50																		
EXIT 31-EB		1					7.00	7.00	49.00																		
EXIT 30-EB		1					6.50	5.00	32.50																		
EXIT 36-EB		1					6.50	5.00	32.50																		
EXIT 36-WB		1					6.50	5.00	32.50																		
EXIT 31-WB		1					6.50	5.00	32.50																		
EXIT 30-WB		1					6.50	5.00	32.50																		
EXIT 18-WB		1					6.50	5.00	32.50																		
EXIT 44-EB		1					6.50	5.00	32.50																		
EXIT 44-WB		1					6.50	5.00	32.50																		
EXIT 46-EB		1					6.50	5.00	32.50																		
EXIT 46-WB		1					6.50	5.00	32.50																		
EXIT 54-EB		1					6.50	5.00	32.50																		
EXIT 54-WB		1					6.50	5.00	32.50																		
EXIT 63-EB		1					6.50	5.00	32.50																		
EXIT 73-EB		1					6.50	5.00	32.50																		
EXIT 73-WB		1					6.50	5.00	32.50																		
EXIT 78-WB		1					6.50	5.00	32.50																		
EXIT 69-WB		1					6.50	5.00	32.50																		
EXIT 63-WB		1					7.00	7.00	49.00																		
LLF30-1WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LGX30-2EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LGX30-2WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LGF30-7WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LGF30-7EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LC30-7WB					1		12.50	6.50	81.25	W8	18.00	13.50	14.50		4.33	4.33		2.00	6.00	4.00	659.88						
LAC30-30EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LG30-30EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LG30-30WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LL30-30EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LL30-30WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LG30-18WB					1		18.00	6.50	117.00	W8	18.00	13.50	14.50		4.33	4.33		2.00	6.00	4.00	659.88						
LF30-30EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LF30-30WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LLX30-31EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LF30-31EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LF30-31WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LG30-31EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LG30-31WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LA30-31WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LXX30-36EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LXX30-36WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LL30-44EB					1		18.00	6.50	117.00	W8	18.00	13.50	14.50		4.33	4.33		2.00	6.00	4.00	659.88						
LF30-44WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
SUBTOTALS(BOX 1 OF 4) :		**27**			**24**				**5761.75**												**26465.64**						



1-23-2023

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	19	98
		SIGNING QUANTITIES				

MAIN LANES ROADSIDE MOUNTED SIGNING QUANTITIES (BOX 2 OF 4)

SIGN NO./ LOCATION	OMNI-DIRECTIONAL SIGN SUPPORT			I-BEAM STRUCTURE TYPE			GUIDE SIGN DEMOUNTABLE LEGEND			I-BEAM BREAKAWAY SIGN SUPPORT												EXIT NUMBER PANEL				SUPPLEMENTAL	
							LENGTH	HEIGHT		STEEL SECT. A-572		SIGN POST LENGTH			STUB POST			FOOTINGS			SIGN POST AND STUB	LEGEND	TYPE			GUIDE SIGN DEMOUNTABLE	
																							A	B	C	LEGEND	
	G1	G2	G3	G1	G2	G3	LIN. FT.		SQ. FT.	BEAM	LBS	H - 1	H - 2	H - 3	H - 1	H - 2	H - 3	DIA.	DEPTH	EMBED.	POUND		SQ. FT.			LEGEND	SQ. FT.
LF30-44EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LGX30-44WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LGX30-44EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LG30-46EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LL30-44WB					1		18.00	6.50	117.00	W8	18.00	13.50	14.50		4.33	4.33		2.00	6.00	4.00	659.88						
LFX30-46EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LFX30-46WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LLX30-63EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LLX30-63WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LGF30-63WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LGF30-63EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LLA30-73EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LLA30-73WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LL30-78EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LL30-78WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LF30-73WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00					NO TRK SVCS	42.00
LF30-73EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00					NO TRK SVCS	42.00
LG30-73EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00					NO TRK SVCS	42.00
LF30-78EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LF30-78WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LG30-78WB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LG30-78EB					1		18.00	12.00	216.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
LXA30-78WB					1		12.50	16.00	200.00	W10	22.00	23.00	24.00		7.00	7.00		3.00	10.00	6.67	1342.00						
ML30-7-3EB					1		13.00	9.50	123.50	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	7	17.50				
ML30-7-2WB					1		13.00	9.50	123.50	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	7	17.50				
ML30-12-3EB					1		8.50	10.00	85.00	W8	18.00	17.00	18.00		4.33	4.33		2.00	6.00	4.00	785.88	12	20.00				
ML30-18-5EB					1		8.50	6.00	51.00	W6	9.00	13.00	14.00		3.33	3.33		1.50	4.50	3.00	302.94	18	20.00				
ML30-18-3WB					1		8.50	6.00	51.00	W6	9.00	13.00	14.00		3.33	3.33		1.50	4.50	3.00	302.94	18	20.00				
ML30-18-2WB					1		8.50	5.50	46.75	W6	9.00	12.50	13.50		3.33	3.33		1.50	4.50	3.00	293.94	18	20.00				
ML30-2-2WB					1		8.00	5.00	40.00	W6	9.00	12.00	13.00		3.33	3.33		1.50	4.50	3.00	284.94						
ML30-7-5EB					1		13.00	10.00	130.00	W8	18.00	17.00	18.00		4.33	4.33		2.00	6.00	4.00	785.88	7	17.50				
ML30-2-3WB					1		14.00	11.00	154.00	W8	21.00	18.00	19.00		4.99	4.99		2.50	7.00	4.66	986.58	2	17.50				
ML30-30-3EB					1		11.50	11.50	132.25	W8	18.00	18.50	19.50		4.33	4.33		2.00	6.00	4.00	839.88	30	20.00				
ML30-30-8EB					1		15.50	5.00	77.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-7-1WB					1		13.50	5.00	67.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-31-1WB					1		14.00	5.00	70.00	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-30-7EB					1		12.00	12.00	144.00	W8	18.00	19.00	20.00		4.33	4.33		2.00	6.00	4.00	857.88	30	20.00				
ML30-30-3WB					1		12.00	12.00	144.00	W8	18.00	19.00	20.00		4.33	4.33		2.00	6.00	4.00	857.88	30	20.00				
ML30-31-2EB					1		8.00	9.50	76.00	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	31	20.00				
ML30-31-4EB					1		12.00	8.50	102.00	W8	18.00	15.50	16.50		4.33	4.33		2.00	6.00	4.00	731.88	31	20.00				
ML30-36-1EB					1		15.50	5.00	77.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-44-6EB					1		15.50	5.00	77.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-18-1EB					1		15.50	5.00	77.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-36-2EB					1		9.00	9.50	85.50	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	36	20.00				
ML30-36-3WB					1		9.00	9.50	85.50	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	36	20.00				
ML30-36-3EB					1		9.00	10.00	90.00	W8	18.00	17.00	18.00		4.33	4.33		2.00	6.00	4.00	785.88	36	20.00				
ML30-36-4WB					1		9.00	10.00	90.00	W8	18.00	17.00	18.00		4.33	4.33		2.00	6.00	4.00	785.88	36	20.00				
ML30-30-2EB					1		12.00	5.00	60.00	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-31-2WB					1		12.50	5.00	62.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-18-1WB					1		14.00	5.00	70.00	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-44-3EB					1		12.00	9.50	114.00	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	44	20.00				
SUBTOTALS(BOX 2 OF4) :					**51.00**				**7361.00**												**45150.46**		**350.00**				**126.00**



1-23-2023

DATE REVISED	DATE REVISED	FED.RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	20	98
		SIGNING QUANTITIES				

MAIN LANES ROADSIDE MOUNTED SIGNING QUANTITIES (BOX 3 OF 4)

SIGN NO./ LOCATION	OMNI-DIRECTIONAL SIGN SUPPORT			I-BEAM STRUCTURE TYPE			GUIDE SIGN DEMOUNTABLE LEGEND			I-BEAM BREAKAWAY SIGN SUPPORT												EXIT NUMBER PANEL				SUPPLEMENTAL GUIDE SIGN DEMOUNTABLE	
										STEEL SECT. A-572		SIGN POST LENGTH			STUB POST			FOOTINGS			SIGN POST AND STUB	LEGEND	TYPE				
							LENGTH	HEIGHT				H - 1	H - 2	H - 3	H - 1	H - 2	H - 3	DIA.	DEPTH	EMBED.			A	B	C	LEGEND	
	G1	G2	G3	G1	G2	G3	LIN. FT.		SQ. FT.	BEAM	LBS	LIN FT			LIN FT			LIN FT			POUND		SQ. FT.				SQ. FT.
ML30-44-1WB					1		12.00	9.50	114.00	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	44	20.00				
ML30-44-2WB					1		10.50	10.00	105.00	W8	18.00	17.00	18.00		4.33	4.33		2.00	6.00	4.00	785.88	44	20.00				
ML30-44-5EB					1		10.50	10.00	105.00	W8	18.00	17.00	18.00		4.33	4.33		2.00	6.00	4.00	785.88	44	20.00				
ML30-44-4EB					1		13.00	7.00	91.00	W8	18.00	14.00	15.00		4.33	4.33		2.00	6.00	4.00	677.88						
ML30-46-5WB					1		13.00	7.00	91.00	W8	18.00	14.00	15.00		4.33	4.33		2.00	6.00	4.00	677.88						
ML30-46-4WB					1		10.50	9.50	99.75	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	46	20.00				
ML30-46-1EB					1		10.50	9.50	99.75	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	46	20.00				
ML30-46-6WB					1		10.50	10.00	105.00	W8	18.00	17.00	18.00		4.33	4.33		2.00	6.00	4.00	785.88	46	20.00				
ML30-46-3EB					1		10.50	10.00	105.00	W8	18.00	17.00	18.00		4.33	4.33		2.00	6.00	4.00	785.88	46	20.00				
ML30-46-2WB					1		14.00	5.00	70.00	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-36-1WB					1		14.50	5.00	72.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-63-1EB					1		14.50	5.00	72.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-54-2EB					1		10.50	11.50	120.75	W8	18.00	18.50	19.50		4.33	4.33		2.00	6.00	4.00	839.88	54	20.00				
ML30-54-2WB					1		10.00	9.50	95.00	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	54	20.00				
ML30-54-3WB					1		10.00	10.00	100.00	W8	18.00	17.00	18.00		4.33	4.33		2.00	6.00	4.00	785.88	54	20.00				
ML30-54-4EB					1		10.00	12.50	125.00	W8	18.00	19.50	20.50		4.33	4.33		2.00	6.00	4.00	875.88	54	20.00				
ML30-12-1EB					1		15.50	7.00	108.50	W8	21.00	14.00	15.00		4.99	4.99		2.50	7.00	4.66	818.58						
ML30-46-3WB					1		12.50	5.00	62.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-44-2EB					1		12.50	5.00	62.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-63-2EB					1		9.50	9.50	90.25	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	63	20.00				
ML30-63-3WB					1		9.50	9.50	90.25	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	63	20.00				
ML30-63-3EB					1		9.00	10.00	90.00	W8	18.00	17.00	18.00		4.33	4.33		2.00	6.00	4.00	785.88	63	20.00				
ML30-63-5WB					1		14.50	8.50	123.25	W8	21.00	15.50	16.50		4.99	4.99		2.50	7.00	4.66	881.58	63	20.00				
ML30-63-1WB					1		14.00	5.00	70.00	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-54-1WB					1		14.00	5.00	70.00	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-73-5WB		1					4.50	3.00	13.50																		
ML30-78-2EB		1					4.50	3.00	13.50																		
ML30-69-3EB					1		15.50	9.50	147.25	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	69	20.00				
ML30-69-1WB					1		15.50	9.50	147.25	W8	18.00	16.50	17.50		4.33	4.33		2.00	6.00	4.00	767.88	69	20.00				
ML30-69-3EB					1		15.50	10.00	155.00	W10	22.00	17.00	18.00		7.00	7.00		3.00	10.00	6.67	1078.00	69	20.00				
ML30-73-3EB					1		19.50	7.00	136.50	W8	21.00	14.00	15.00		4.99	4.99		2.50	7.00	4.66	818.58						
ML30-78-4WB					1		19.50	7.00	136.50	W8	21.00	14.00	15.00		4.99	4.99		2.50	7.00	4.66	818.58						
ML30-69-2WB					1		15.50	10.00	155.00	W10	22.00	17.00	18.00		7.00	7.00		3.00	10.00	6.67	1078.00	69	20.00				
ML30-73-4EB					1		14.50	10.00	145.00	W10	22.00	17.00	18.00		7.00	7.00		3.00	10.00	6.67	1078.00	73	20.00				
ML30-73-4WB					1		14.50	10.00	145.00	W10	22.00	17.00	18.00		7.00	7.00		3.00	10.00	6.67	1078.00	73	20.00				
ML30-83-2EB					1		14.50	5.00	72.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-78-2WB					1		13.00	5.00	65.00	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-69-3WB					1		15.50	5.00	77.50	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-78-1EB					1		16.00	11.50	184.00	W10	22.00	18.50	19.50		7.00	7.00		3.00	10.00	6.67	1144.00	78	20.00			TOURIST INFO	33.00
ML30-78-3WB					1		16.00	11.50	184.00	W10	22.00	18.50	19.50		7.00	7.00		3.00	10.00	6.67	1144.00	78	20.00			TOURIST INFO	33.00
ML30-73-1EB					1		14.50	9.50	137.75	W10	22.00	16.50	17.50		7.00	7.00		3.00	10.00	6.67	1056.00	73	20.00				
ML30-54-3EB		1					5.50	2.00	11.00																		
ML30-44-1EB		1					6.50	2.00	13.00																		
ML30-46-1WB		1					6.50	2.00	13.00																		
MKL30-36-2WB		1					8.50	2.00	17.00																		
ML30-78-6WB					1		16.00	14.50	232.00	W10	22.00	21.50	22.50		7.00	7.00		3.00	10.00	6.67	1276.00	78	20.00				
ML30-WS-1WB					1		8.00	7.00	56.00	W6	9.00	14.00	15.00		3.33	3.33		1.50	4.50	3.00	320.94						
ML30-WS-1EB					1		8.00	7.00	56.00	W6	9.00	14.00	16.00		3.33	3.33		1.50	4.50	3.00	329.94						
ML30-WS-4EB					1		11.00	7.00	77.00	W8	18.00	14.00	15.00		4.33	4.33		2.00	6.00	4.00	677.88						
ML30-WS-4WB					1		11.00	7.00	77.00	W8	18.00	14.00	15.00		4.33	4.33		2.00	6.00	4.00	677.88						
ML30-WS-5EB					1		8.00	7.00	56.00	W6	9.00	14.00	15.00		3.33	3.33		1.50	4.50	3.00	320.94						
SUBTOTALS(BOX 3 OF 4) :		**6**			**45**				**4861.75**												**34585.54**		**500.00**				**66.00**



1-23-2023

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	21	98
		SIGNING QUANTITIES				

MAIN LANES ROADSIDE MOUNTED SIGNING QUANTITIES (BOX 4 OF 4)

SIGN NO./ LOCATION	OMNI-DIRECTIONAL SIGN SUPPORT			I-BEAM STRUCTURE TYPE			GUIDE SIGN DEMOUNTABLE LEGEND			I-BEAM BREAKAWAY SIGN SUPPORT											EXIT NUMBER PANEL				SUPPLEMENTAL	
										STEEL SECT. A-572		SIGN POST LENGTH			STUB POST			FOOTINGS			SIGN POST AND STUB	LEGEND	TYPE			GUIDE SIGN DEMOUNTABLE	
							LENGTH	HEIGHT				H - 1	H - 2	H - 3	H - 1	H - 2	H - 3	DIA.	DEPTH	EMBED.			A	B	C	LEGEND	SQ. FT.
	G1	G2	G3	G1	G2	G3	LIN. FT.		SQ. FT.	BEAM	LBS	LIN FT			LIN FT			LIN FT			POUND		SQ. FT.				
ML30-WS-5WB					1		8.00	7.00	56.00	W6	9.00	14.00	15.00		3.33	3.33		1.50	4.50	3.00	320.94						
ML30-2-1EB					1		17.00	12.00	204.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
ML30-WC-1EB					1		18.50	10.00	185.00	W10	22.00	17.00	18.00		7.00	7.00		3.00	10.00	6.67	1078.00						
EXITWC-EB					1		9.50	6.50	61.75	W6	9.00	13.50	14.50		3.33	3.33		1.50	4.50	3.00	311.94						
ML30-31-3EB					1		16.00	5.00	80.00	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-31-4WB					1		16.00	5.00	80.00	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-30-4EB					1		12.00	8.00	96.00	W8	18.00	15.00	16.00		4.33	4.33		2.00	6.00	4.00	713.88						
ML30-31-6WB					1		12.00	8.00	96.00	W8	18.00	15.00	16.00		4.33	4.33		2.00	6.00	4.00	713.88						
ML30-73-2EB					1		12.00	8.00	96.00	W8	18.00	15.00	16.00		4.33	4.33		2.00	6.00	4.00	713.88						
ML30-73-3WB					1		12.00	8.00	96.00	W8	18.00	15.00	16.00		4.33	4.33		2.00	6.00	4.00	713.88						
ML30-WS-2EB					1		17.50	5.50	96.25	W8	18.00	12.50	13.50		4.33	4.33		2.00	6.00	4.00	623.88						
ML30-WS-2WB					1		17.50	5.50	96.25	W8	18.00	12.50	13.50		4.33	4.33		2.00	6.00	4.00	623.88						
ML30-WS-3EB					1		10.00	7.00	70.00	W8	18.00	14.00	15.00		4.33	4.33		2.00	6.00	4.00	677.88						
ML30-WS-3WB					1		10.00	7.00	70.00	W8	18.00	14.00	15.00		4.33	4.33		2.00	6.00	4.00	677.88						
ML30-69-1EB					1		11.00	5.00	55.00	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-63-2WB					1		11.00	5.00	55.00	W8	18.00	12.00	13.00		4.33	4.33		2.00	6.00	4.00	605.88						
ML30-30-1WB					1		25.00	11.00	275.00	W10	22.00	18.00	18.00		7.00	7.00		3.00	10.00	6.67	1100.00						
ML30-30-1EB					1		25.00	11.00	275.00	W10	22.00	18.00	18.00		7.00	7.00		3.00	10.00	6.67	1100.00						
ML30-30-5EB					1		19.50	9.50	185.25	W10	22.00	16.50	17.50		7.00	7.00		3.00	10.00	6.67	1056.00						
ML30-63-4WB					1		15.50	7.00	108.50	W8	18.00	14.00	15.00		4.33	4.33		2.00	6.00	4.00	677.88						
ML30-30-2WB					1		20.50	12.00	246.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
ML30-30-6EB					1		20.50	12.00	246.00	W10	22.00	19.00	20.00		7.00	7.00		3.00	10.00	6.67	1166.00						
ML30-78-3EB					1		23.00	10.00	230.00	W10	22.00	17.00	18.00		7.00	7.00		3.00	10.00	6.67	1078.00						
ML30-78-5WB					1		23.00	10.00	230.00	W10	22.00	17.00	18.00		7.00	7.00		3.00	10.00	6.67	1078.00						
SUBTOTALS(BOX 4 OF 4) :					**24**				**3289.00**												**19181.32**						
SUBTOTALS(BOX 1 OF 4) :		**27**			**24**				**5761.75**												**26465.64**						
SUBTOTALS(BOX 2 OF 4) :					**51**				**7361.00**												**45150.46**		**350.00**				**126.00**
SUBTOTALS(BOX 3 OF 4) :		**6**			**45**				**4861.75**												**34585.54**		**500.00**				**66.00**
TOTALS :		**33**			**144**				**21273.50**												**125382.96**		**850.00**				**192.00**



1-23-2023

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	22	98
		SIGNING QUANTITIES				

STANDARD SIGNS (BOX 1 OF 3)

SIGN NO./ LOCATION	STANDARD SIGNS FLAT SHEET OMNI-DIRECTIONAL SIGN SUPPORTS TYPE G1 EA.	G2 EA.	G2-1 EA.	G2-2 EA.	G2-3 EA.	G2-4 EA.	G2-5 EA.	G2-6 EA.	G2-7 EA.	G2-8 EA.	G2-9 EA.	G2-10 EA.	STANDARD SIGN SQ. FT.
SS30 - 1.251EB	1												13.50
SS30 - 2.513EB	1												13.50
SS30 - 4.041EB	1												13.50
SS30 - 7.624EB	1												13.50
SS30 - 18.231EB	1												13.50
SS30 - 30.459EB	1												13.50
SS30 - 31.381EB	1												13.50
SS30 - 36.780EB	1												13.50
SS30 - 44.505EB	1												13.50
SS30 - 46.527EB	1												13.50
SS30 - 54.098EB	1												13.50
SS30 - 63.138EB	1												13.50
SS30 - 69.687EB	1												13.50
SS30 - 73.350EB	1												13.50
SS30 - 78.086EB	1												13.50
SS30 - 141.351WB	1												13.50
SS30 - 140.368WB	1												13.50
SS30 - 131.846WB	1												13.50
SS30 - 125.511WB	1												13.50
SS30 - 113.466WB	1												13.50
SS30 - 107.084WB	1												13.50
SS30 - 99.450WB	1												13.50
SS30 - 97.248WB	1												13.50
SS30 - 89.670WB	1												13.50
SS30 - 80.400WB	1												13.50
SS30 - 74.012WB	1												13.50
SS30 - 70.758WB	1												13.50
SS30 - 65.762WB	1												13.50
SS30 - 11.679-11.981EB	9												108.00
SS30 - 130.987-131-290WB	17												204.00
SS30 - 1.611EB		1											20.00
SS30 - 25.478EB		1											20.00
SS30 - 116.715WB		1											20.00
SS30 - 56.229EB		1											20.00
SS30 - 85.372WB		1											20.00
SS30 - 0.531EB			1										16.00
SS30 - 0.883EB			1										16.00
SS30 - 2.268EB			1										16.00
SS30 - 140.949WB			1										16.00
SS30 - 139.995WB			1										16.00
SS30 - 3.421WB			1										16.00
SS30 - 6.646EB			1										16.00
SS30 - 7.249EB			1										16.00
SS30 - 136.594WB			1										16.00
SS30 - 131.646WB			1										16.00
SS30 - 17.840EB			1										16.00
SS30 - 125.218WB			1										16.00
SS30 - 25.913EB			1										16.00
SS30 - 117.278WB			1										16.00
SS30 - 30.118EB			1										16.00
SS30 - 113.069WB			1										16.00
SS30 - 31.076EB			1										16.00
SS30 - 111.884WB			1										16.00
SS30 - 36.389EB			1										16.00
SS30 - 106.690WB			1										16.00
SS30 - 44.173EB			1										16.00
SS30 - 99.148WB			1										16.00
SS30 - 46.207EB			1										16.00
SS30 - 96.949WB			1										16.00
SS30 - 56.552EB			1										16.00
SS30 - 89.300WB			1										16.00
SS30 - 85.734WB			1										16.00
SUBTOTALS (BOX 1 OF 3):	54	5	27										1222.00

STANDARDS SIGNS (BOX 2 OF 3)

SIGN NO./ LOCATION	STANDARD SIGNS FLAT SHEET OMNI-DIRECTIONAL SIGN SUPPORTS TYPE G1 EA.	G2 EA.	G2-1 EA.	G2-2 EA.	G2-3 EA.	G2-4 EA.	G2-5 EA.	G2-6 EA.	G2-7 EA.	G2-8 EA.	G2-9 EA.	G2-10 EA.	STANDARD SIGN SQ. FT.
SS30 - 62.765EB			1										16.00
SS30 - 80.195WB			1										16.00
SS30 - 69.384EB			1										16.00
SS30 - 73.691WB			1										16.00
SS30 - 73.003EB			1										16.00
SS30 - 70.454WB			1										16.00
SS30 - 77.758EB			1										16.00
SS30 - 65.371WB			1										16.00
SS30 - 4.788EB			1										16.00
SS30 - 5.543EB			1										16.00
SS30 - 137.937WB			1										16.00
SS30 - 137.188WB			1										16.00
SS30 - 11.321EB			1										16.00
SS30 - 13.684EB			1										16.00
SS30 - 129.004WB			1										16.00
SS30 - 14.943EB			1										16.00
SS30 - 127.723WB			1										16.00
SS30 - 18.151EB			1										16.00
SS30 - 125.430WB			1										16.00
SS30 - 20.105EB			1										16.00
SS30 - 122.364WB			1										16.00
SS30 - 23.141EB			1										16.00
SS30 - 23.891EB			1										16.00
SS30 - 119.517WB			1										16.00
SS30 - 118.775WB			1										16.00
SS30 - 26.318EB			1										16.00
SS30 - 26.841EB			1										16.00
SS30 - 116.322WB			1										16.00
SS30 - 115.564WB			1										16.00
SS30 - 29.008EB			1										16.00
SS30 - 30.569EB			1										16.00
SS30 - 113.573WB			1										16.00
SS30 - 111.901WB			1										16.00
SS30 - 34.477EB			1										16.00
SS30 - 108.015WB			1										16.00
SS30 - 38.296EB			1										16.00
SS30 - 104.354WB			1										16.00
SS30 - 39.644EB			1										16.00
SS30 - 103.009WB			1										16.00
SS30 - 50.383EB			1										16.00
SS30 - 52.160EB			1										16.00
SS30 - 52.874EB			1										16.00
SS30 - 92.287WB			1										16.00
SS30 - 90.104WB			1										16.00
SS30 - 89.617WB			1										16.00
SS30 - 58.694EB			1										16.00
SS30 - 84.217WB			1										16.00
SS30 - 61.850EB			1										16.00
SS30 - 80.728WB			1										16.00
SS30 - 63.247EB			1										16.00
SS30 - 63.919EB			1										16.00
SS30 - 64.232EB			1										16.00
SS30 - 79.354WB			1										16.00
SS30 - 78.685WB			1										16.00
SS30 - 78.357WB			1										16.00
SS30 - 65.494EB			1										16.00
SS30 - 77.151WB			1										16.00
SS30 - 69.637EB			1										16.00
SS30 - 72.865WB			1										16.00
SS30 - 71.493WB			1										16.00
SS30 - 76.650EB			1										16.00
SS30 - 77.454EB			1										16.00
SUBTOTALS (BOX 2 OF 3):			62										992.00

STANDARDS SIGNS (BOX 3 OF 3)

SIGN NO./ LOCATION	STANDARD SIGNS FLAT SHEET OMNI-DIRECTIONAL SIGN SUPPORTS TYPE G1 EA.	G2 EA.	G2-1 EA.	G2-2 EA.	G2-3 EA.	G2-4 EA.	G2-5 EA.	G2-6 EA.	G2-7 EA.	G2-8 EA.	G2-9 EA.	G2-10 EA.	STANDARD SIGN SQ. FT.
SS30 - 65.697WB			1										16.00
SS30 - 65.181WB			1										16.00
SS30 - 80.493EB			1										16.00
SS30 - 58.530EB			2										32.00
SS30 - 77.171EB			2										32.00
SS30 - 65.048WB			2										32.00
SS30 - 30.852EB			1										28.00
SS30 - 79.981WB			1										28.00
SS30 - 6.010EB			1										24.00
SS30 - 136.001WB			1										24.00
SS30 - 132.159WB				1									26.00
SS30 - 126.021WB				1									26.00
SS30 - 107.420WB				1									26.00
SS30 - 99.732WB				1									36.00
SS30 - 130.848WB				2									40.00

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	23	98
		SIGNING QUANTITIES				

STANDARD SIGNS (BOX 1 of 3)

SIGN NO./ LOCATION	STANDARD SIGNS FLAT SHEET U-CHANNEL SIGN SUPPORTS TYPE U-1 EA.	U-2 EA.	U2-1 EA.	U-3 EA.	U3-1 EA.	U3-2 EA.	STANDARD SIGN SQ. FT.
SS30 - 1.000EB	1						2.00
SS30 - 141.938WB	1						2.00
SS30 - 2.000EB	1						2.00
SS30 - 140.947WB	1						2.00
SS30 - 3.000EB	1						2.00
SS30 - 140.054WB	1						2.00
SS30 - 3.947EB	1						2.00
SS30 - 139.055WB	1						2.00
SS30 - 5.006EB	1						2.00
SS30 - 137.864WB	1						2.00
SS30 - 6.043EB	1						2.00
SS30 - 136.864WB	1						2.00
SS30 - 6.993EB	1						2.00
SS30 - 136.012WB	1						2.00
SS30 - 8.000EB	1						2.00
SS30 - 134.980WB	1						2.00
SS30 - 8.989EB	1						2.00
SS30 - 133.992WB	1						2.00
SS30 - 9.986EB	1						3.00
SS30 - 132.992WB	1						3.00
SS30 - 10.998EB	1						3.00
SS30 - 131.936WB	1						3.00
SS30 - 12.031EB	1						3.00
SS30 - 130.936WB	1						3.00
SS30 - 13.036EB	1						3.00
SS30 - 129.929WB	1						3.00
SS30 - 14.002EB	1						3.00
SS30 - 128.962WB	1						3.00
SS30 - 15.005EB	1						3.00
SS30 - 127.948WB	1						3.00
SS30 - 16.000EB	1						3.00
SS30 - 126.948WB	1						3.00
SS30 - 17.000EB	1						3.00
SS30 - 125.973WB	1						3.00
SS30 - 17.950EB	1						3.00
SS30 - 124.973EB	1						3.00
SS30 - 18.975EB	1						3.00
SS30 - 123.864WB	1						3.00
SS30 - 20.000EB	1						3.00
SS30 - 123.067WB	1						3.00
SS30 - 21.000EB	1						3.00
SS30 - 122.059WB	1						3.00
SS30 - 22.000EB	1						3.00
SS30 - 120.970WB	1						3.00
SS30 - 23.000EB	1						3.00
SS30 - 119.864WB	1						3.00
SS30 - 23.920EB	1						3.00
SS30 - 119.020WB	1						3.00
SS30 - 25.000EB	1						3.00
SS30 - 118.012WB	1						3.00
SS30 - 26.000EB	1						3.00
SS30 - 117.044WB	1						3.00
SS30 - 27.000EB	1						3.00
SS30 - 115.978WB	1						3.00
SS30 - 27.960EB	1						3.00
SS30 - 114.981WB	1						3.00
SS30 - 28.964EB	1						3.00
SS30 - 113.970WB	1						3.00
SS30 - 29.968EB	1						3.00
SS30 - 121.975WB	1						3.00
SUBTOTALS (BOX 1 OF 3):	60	0	0	0	0	0	162.00

STANDARD SIGNS (BOX 2 of 3)

SIGN NO./ LOCATION	STANDARD SIGNS FLAT SHEET U-CHANNEL SIGN SUPPORTS TYPE U-1 EA.	U-2 EA.	U2-1 EA.	U-3 EA.	U3-1 EA.	U3-2 EA.	STANDARD SIGN SQ. FT.
SS30 - 31.000EB	1						3.00
SS30 - 111.940WB	1						3.00
SS30 - 31.998EB	1						3.00
SS30 - 110.958WB	1						3.00
SS30 - 32.996EB	1						3.00
SS30 - 108.931WB	1						3.00
SS30 - 34.019EB	1						3.00
SS30 - 108.931WB	1						3.00
SS30 - 34.996EB	1						3.00
SS30 - 107.931WB	1						3.00
SS30 - 36.061EB	1						3.00
SS30 - 106.874WB	1						3.00
SS30 - 37.000EB	1						3.00
SS30 - 105.896WB	1						3.00
SS30 - 38.000EB	1						3.00
SS30 - 104.908WB	1						3.00
SS30 - 39.000EB	1						3.00
SS30 - 103.899WB	1						3.00
SS30 - 40.037EB	1						3.00
SS30 - 102.904WB	1						3.00
SS30 - 41.000EB	1						3.00
SS30 - 101.945WB	1						3.00
SS30 - 42.003EB	1						3.00
SS30 - 100.938WB	1						3.00
SS30 - 43.000EB	1						3.00
SS30 - 100.012WB	1						3.00
SS30 - 44.000EB	1						3.00
SS30 - 99.029WB	1						3.00
SS30 - 45.000EB	1						3.00
SS30 - 97.997WB	1						3.00
SS30 - 45.977EB	1						3.00
SS30 - 96.966WB	1						3.00
SS30 - 47.000EB	1						3.00
SS30 - 96.027WB	1						3.00
SS30 - 48.000EB	1						3.00
SS30 - 95.012WB	1						3.00
SS30 - 49.000EB	1						3.00
SS30 - 93.800WB	1						3.00
SS30 - 50.000EB	1						3.00
SS30 - 92.820WB	1						3.00
SS30 - 51.010EB	1						3.00
SS30 - 91.848WB	1						3.00
SS30 - 52.095EB	1						3.00
SS30 - 90.934WB	1						3.00
SS30 - 53.006EB	1						3.00
SS30 - 89.934WB	1						3.00
SS30 - 54.000EB	1						3.00
SS30 - 88.886WB	1						3.00
SS30 - 55.042EB	1						3.00
SS30 - 87.998WB	1						3.00
SS30 - 56.045EB	1						3.00
SS30 - 89.910WB	1						3.00
SS30 - 57.050EB	1						3.00
SS30 - 85.864WB	1						3.00
SS30 - 58.005EB	1						3.00
SS30 - 84.900WB	1						3.00
SS30 - 59.054EB	1						3.00
SS30 - 83.960WB	1						3.00
SS30 - 59.970EB	1						3.00
SS30 - 82.900WB	1						3.00
SUBTOTALS (BOX 2 OF 3):	60	0	0	0	0	0	180.00

STANDARD SIGNS (BOX 3 of 3)

SIGN NO./ LOCATION	STANDARD SIGNS FLAT SHEET U-CHANNEL SIGN SUPPORTS TYPE U-1 EA.	U-2 EA.	U2-1 EA.	U-3 EA.	U3-1 EA.	U3-2 EA.	STANDARD SIGN SQ. FT.
SS30 - 61.087EB	1						3.00
SS30 - 81.869WB	1						3.00
SS30 - 61.954EB	1						3.00
SS30 - 81.001WB	1						3.00
SS30 - 63.031EB	1						3.00
SS30 - 79.875WB	1						3.00
SS30 - 64.015EB	1						3.00
SS30 - 79.014WB	1						3.00
SS30 - 65.050EB	1						3.00
SS30 - 78.014WB	1						3.00
SS30 - 66.000EB	1						3.00
SS30 - 76.880WB	1						3.00
SS30 - 67.000EB	1						3.00
SS30 - 75.887WB	1						3.00
SS30 - 68.000EB	1						3.00
SS30 - 74.876WB	1						3.00
SS30 - 69.000EB	1						3.00
SS30 - 74.001WB	1						3.00
SS30 - 70.060EB	1						3.00
SS30 - 72.905WB	1						3.00
SS30 - 71.061EB	1						3.00
SS30 - 72.006WB	1						3.00
SS30 - 72.000EB	1						3.00
SS30 - 70.902WB	1						3.00
SS30 - 73.010EB	1						3.00
SS30 - 70.018WB	1						3.00
SS30 - 74.000EB	1						3.00
SS30 - 69.005WB	1						3.00
SS30 - 74.991EB	1						3.00
SS30 - 68.009WB	1						3.00
SS30 - 76.005EB	1						3.00
SS30 - 66.857WB	1						3.00
SS30 - 77.000EB	1						3.00
SS30 - 65.857WB	1						3.00
SS30 - 78.048EB	1						3.00
SS30 - 64.948WB	1						3.00
SS30 - 79.000EB	1						3.00
SS30 - 63.897WB	1						3.00
SS30 - 80.094EB	1						3.00
SS30 - 62.897WB	1						3.00
SS30 - 4.392EB	2						10.00
SS30 - 15.556EB	2						10.00
SS30 - 16.144EB	2						10.00
SS30 - 20.521EB	2						10.00
SS30 - 22.254EB	2						10.00
SS30 - 25.090EB	2						10.00
SS30 - 26.342EB	2						10.00
SS30 - 34.158EB	2						10.00
SS30 - 39.575EB	2						10.00
SS30 - 41.125EB	2						10.00
SS30 - 48.744EB	2						10.00
SS30 - 51.792EB	2						10.00
SS30 - 55.921EB	2						10.00
SS30 - 58.009EB	2						10.00
SS30 - 60.010EB	2						10.00
SS30 - 65.358EB	2						10.00
SS30 - 75.270EB	2						10.00
SUBTOTALS (BOX 3 OF 3):	74	0	0	0	0	0	290.00

TOTALS:	194	0	0	0	0	0	632.00

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	24	98

SIGN PLACEMENT SHEET

MILLER CO, ROUTE I-30, SECT 11

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13866
DERIC M. WYATT
1-23-2023

MAINTAIN OVERHEAD STRUCTURE OH-30-46-03

EXIT 223 — 71 59 NORTH — State Line Ave Ashdown — 1/4 MILE

EXIT 1 — Jefferson Avenue

Summerhill Rd
Richmond Rd
Pavilion Pkwy

RETAIN TXDOT SIGN | REPLACE OH30-223-2WB L.M. 141.810 | REPLACE OH30-1-1WB

INSTALL OVERHEAD STRUCTURE OH-30-46-17

EXIT 1 — Jefferson Avenue — 3/4 MILE

EXIT 223 — 71 59 NORTH — State Line Ave Ashdown — 1 MILE

INSTALL OH30-1-2WB | INSTALL OH30-223-1WB L.M. 141.113

EXIT 1 — Jefferson Avenue — 3/4 MILE

EXIT 223 — 71 59 NORTH — State Line Ave Ashdown — 1 MILE

REMOVE ML30-1-1WB L.M. 141.235

REMOVE ML30-223-1WB L.M. 141.096

EXIT 2 — Four States Fair Parkway

REPLACE ML30-2-3WB L.M. 140.560

Airport EXIT 2

REPLACE ML30-2-2WB L.M. 140.210

LODGING - EXIT 1
FOOD - EXIT 1

REPLACE LLF30-1WB L.M. 141.700

CAMPING - EXIT 1
ATTRACTION - EXIT 1

RETAIN LCA30-1WB L.M. 141.380

Veterans Affairs Medical Clinic
DOWNTOWN EXIT 223

RETAIN ML30-223-2WB L.M. 141.280

EXIT 2 — REPLACE EXIT2-WB L.M. 140.593

SPEED LIMIT 65 — RETAIN SS30-L.M. 140.517WB

WEST 30 — REPLACE SS30-L.M. 140.368WB

MILE 3 — INSTALL SS30-L.M. 140.054WB

REPLACE SS30-L.M. 139.995WB

REPLACE SS30-L.M. 140.949WB

MILE 2 — REPLACE SS30-L.M. 140.947WB

FOOD - EXIT 223

RETAIN LF30-223WB L.M. 142.020

LODGING - EXIT 223

RETAIN LL30-223WB L.M. 141.960

RETAIN SS30-L.M. 141.624WB

STATE LAW — LEFT LANE FOR PASSING ONLY

RETAIN SS30-L.M. 141.624WB

SPEED LIMIT 65

REPLACE SS30-L.M. 141.351WB

WEST 30

EXIT 1 — REPLACE EXIT1-WB L.M. 141.910

MILE 1 — REPLACE SS30-L.M. 141.938WB

EAST 30 — INSTALL SS30-L.M. 2.513EB

SPEED LIMIT 65 — RETAIN SS30-L.M. 2.676EB

MILE 2 — INSTALL SS30-L.M. 2.000EB

REPLACE SS30-L.M. 2.268EB

SPEED LIMIT 65 — REPLACE SS30-L.M. 1.611EB

EXIT 2 — REPLACE EXIT 2-EB L.M. 1.950

MILE 1 — INSTALL SS30-L.M. 1.000EB

EAST 30 — REPLACE SS30-L.M. 1.251EB

TEXAS STATE LINE

ARKANSAS STATE POLICE DIAL *311

SPEED LIMIT 65

RETAIN SS30-L.M. 0.295EB | RETAIN SS30-L.M. 0.446EB | REPLACE SS30-L.M. 0.531EB

REPLACE SS30-L.M. 0.883EB

Airport EXIT 2

RETAIN ML30-2-2EB L.M. 1.174

RETAIN OVERHEAD STRUCTURE OH-30-46-04

STATE LAW — MOVE OVER SAFELY OR SLOW DOWN FOR STOPPED VEHICLES WITH FLASHING LIGHTS

RETAIN ML30-2-3EB L.M. 1.360

GAS - EXIT 2
- EXIT 2

REPLACE LGX30-2EB L.M. 1.440

RETAIN OVERHEAD STRUCTURE OH-30-46-05

EXIT 1 — WELCOME TO Arkansas THE NATURAL STATE BUCKLE UP FOR SAFETY

RETAIN EXIT 1-EB L.M. 0.120

REPLACE ML30-2-1EB L.M. 0.224

EXIT 3 — 49 — Houston Shreveport Ft Smith — 1 1/2 MILE

EXIT 2 — Four States Fair Parkway — 1/2 MILE

DMS SIGN

RETAIN DMS30-LM3EB L.M. 1.290

REPLACE OH30-3-1EB L.M. 1.290 | REPLACE OH30-2-1EB

EAST 30 — Hope Little Rock

EXIT 3 — 49 — Houston Shreveport Ft Smith — 1 MILE

EXIT 2 — Four States Fair Parkway

RETAIN OH30-2-3EB | RETAIN OH30-3-2EB L.M. 1.911 | RETAIN OH30-2-2EB

N

DATE REVISED	DATE REVISED	FED. RD DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	25	98

SIGN PLACEMENT SHEET

MILLER CO, ROUTE I-30, SECT 11

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 19846
DERIC M. WYATT
1-23-2023

RETAIN OVERHEAD STRUCTURE OC-30-46-03

RETAIN OVERHEAD STRUCTURE OH-30-46-10

EXIT 3 — 49 — Houston Shreveport Ft Smith 1 MILE

EXIT 2 — Four States Fair Parkway 1 ½ MILE

EXIT 3 — 49 — Houston Shreveport Ft Smith

I-30 WEST Dallas

RETAIN OC30-3-1WB L.M. 138.090

RETAIN OH30-3-4WB

RETAIN OH30-2-1WB L.M. 139.080

RETAIN OH30-3-3WB

SPEED LIMIT 65

RETAIN 2EA SS30-L.M. 138.728WB

RETAIN 2EA SS30-L.M. 138.920WB

MILE 5 — REPLACE SS30-L.M. 137.864WB

BRIDGE ICES BEFORE ROAD — REPLACE SS30-L.M. 137.937WB

BRIDGE ICES BEFORE ROAD — REPLACE SS30-L.M. 5.543EB

MILE 5 — REPLACE SS30-L.M. 5.006EB

BRIDGE ICES BEFORE ROAD — REPLACE SS30-L.M. 4.788EB

EXIT 7 — 108 — Mandeville 1 MILE

REPLACE ML30-7-3EB L.M. 5.300

GAS - EXIT 7

FOOD - EXIT 7

REPLACE LGF30-7EB L.M. 5.160

CAMPING - EXIT 7

RETAIN LC30-7EB L.M. 5.012

GAS - EXIT 2

- EXIT 2

REPLACE LGX30-2WB L.M. 139.240

EXIT 3

REPLACE EXIT3-WB L.M. 139.143

MILE 4 — REPLACE SS30-L.M. 139.055WB

STATE LAW — LEFT LANE FOR PASSING ONLY

RETAIN SS30-L.M. 4.303EB

HOUSEHOLD VEHICLES ONLY — REPLACE-2EA SS30-L.M. 4.392EB

SPEED LIMIT 75

TRUCKS 70

RETAIN SS30-L.M. 4.146EB

EAST 30 — REPLACE SS30-L.M. 4.041EB

MILE 4 — REPLACE SS30-L.M. 3.947EB

Texarkana NEXT 6 EXITS

RETAIN ML30-2-1WB L.M. 139.400

Purple Heart Trail

RETAIN ML30-7-2EB L.M. 4.413

CHECK TRAVEL CONDITIONS AT IDRIVE ARKANSAS.COM — ARKANSAS DEPARTMENT OF TRANSPORTATION

RETAIN ML30-7-1EB L.M. 4.238

INSTALL SS30-L.M. 3.421EB

MILE 3 — INSTALL SS30-L.M. 3.000EB

EXIT 3 — REPLACE EXIT 3-EB L.M. 2.840

RETAIN OVERHEAD STRUCTURE OH-30-46-06

EXIT 3 — EAST 30 Hope Little Rock

EXIT 3 — 49 — Houston Shreveport Ft Smith

RETAIN OH30-3-4EB

RETAIN OH30-3-3EB L.M. 2.716

N

DATE REVISED	DATE REVISED	FED. RD. DIST. NO	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	26	98

SIGN PLACEMENT SHEET

MILLER CO, ROUTE I-30, SECT 11

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13886
DEREK M. WYATT
1-23-2023

RETAIN OVERHEAD STRUCTURE OH-30-46-11

EXIT 3
I-49
Houston
Shreveport
Ft Smith
2 MILES
I-30 WEST
Dallas

RETAIN OH30-3-2WB
RETAIN OH30-3-1WB
L.M. 137.090

SPEED LIMIT 75
TRUCKS 70
RETAIN SS30-L.M. 136.982WB

STATE LAW
LEFT LANE FOR PASSING ONLY
RETAIN SS30-L.M. 137.303WB

BRIDGE ICES BEFORE ROAD
REPLACE SS30-L.M. 137.188WB

EXIT 7
108
Mandeville
RETAIN ML30-7-4WB
L.M. 136.084

EXIT 7
REPLACE EXIT7-WB
L.M. 136.240

EXIT 7
108
Mandeville
1 MILE
REPLACE ML30-7-2WB
L.M. 135.250

TROOPER LOUIS BRYANT MEMORIAL MILE
REPLACE SS30-L.M. 136.001WB

MILE 7
REPLACE SS30-L.M. 136.012WB

REPLACE SS30-L.M. 136.594WB

MILE 6
INSTALL SS30-L.M. 136.864WB

MILE 6
REPLACE SS30-L.M. 6.043EB

TROOPER LOUIS BRYANT MEMORIAL MILE
REPLACE SS30-L.M. 6.010EB

URGENT MESSAGE WHEN FLASHING
TRAVELER INFO TUNE RADIO TO 1680 AM
MAINTAIN ML30-7-4EB
L.M. 5.795

MILE 7
REPLACE SS30-L.M. 6.993EB

REPLACE SS30-L.M. 6.646EB

EXIT 7
REPLACE EXIT7-EB
L.M. 6.310

GAS - EXIT 7
FOOD - EXIT 7
REPLACE LGF30-7WB
L.M. 135.080

MILE 8
REPLACE SS30-L.M. 134.980WB

EAST I-30
REPLACE SS30-L.M. 7.624EB

INSTALL SS30-L.M. 7.249EB

REST AREA
Arkansas Welcome Center
REPLACE EXITWC-EB
L.M. 7.080

REST AREA
Arkansas Welcome Center
EXIT ONLY
REPLACE OC30-WC-1EB
L.M. 6.750

REST AREA
Arkansas Welcome Center
3/4 MILE
REPLACE ML30-WC-1EB
L.M. 6.390

EXIT 7
108
Mandeville
REPLACE ML30-705EB
L.M. 6.220

MILE 8
INSTALL SS30-L.M. 8.000EB

STATE LAW
LEFT LANE FOR PASSING ONLY
RETAIN SS30-L.M. 8.022EB

SPEED LIMIT 75
TRUCKS 70
RETAIN SS30-L.M. 7.810EB

Hope 24
Little Rock 134
RETAIN ML30-12-1EB
L.M. 7.329

REST AREA
Arkansas Welcome Center
EXIT ONLY
REPLACE OC30-WC-EB
L.M. 7.030

N

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	27	98

SIGN PLACEMENT SHEET

MILLER CO, ROUTE I-30, SECT 11

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13866
DERIC M. WYATT
1-23-2023

N

INSTALL
SS30-L.M. 131.846WB

STATE LAW
LEFT LANE FOR PASSING ONLY

INSTALL
SS30-L.M. 132.159WB

SPEED LIMIT 75
TRUCKS 70

RETAIN
SS30-L.M. 132.096WB

INSTALL
SS30-L.M. 131.936WB

Texarkana 11
Dallas 194

REPLACE
ML30-7-1WB
L.M. 132.330

RETAIN
SS30-L.M. 10.680EB

REPLACE
SS30-L.M. 10.998EB

EXIT 25 MPH

REPLACE
SS30-L.M. 11.205EB

REPLACE
SS30-L.M. 132.992WB

REPLACE
SS30-L.M. 9.986EB

EXIT 12
67
Fulton

EXIT 12

REPLACE
EXIT12-EB
L.M. 11.220

REPLACE
ML30-12-3EB
L.M. 11.120

EXIT 12
67
Fulton
1 MILE

RETAIN
ML30-12-2EB
L.M. 10.225

REPLACE
SS30-L.M. 133.992WB

REPLACE
SS30-L.M. 8.989EB

CAMPING - EXIT 7

REPLACE
LC30-7WB
L.M. 134.880

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	28	98

SIGN PLACEMENT SHEET

MILLER CO, ROUTE I-30, SECT 11

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13854
DERIC M. WYATT
1-23-2023

REPLACE
SS30-L.M. 13.684EB

REPLACE
SS30-L.M. 129.929WB

REPLACE
SS30-L.M. 13.036EB

REPLACE
SS30-L.M. 130.848WB

REPLACE
SS30-L.M. 130.987-131.290WB
17EA@ 100' APART

REPLACE
SS30-L.M. 130.936WB

REPLACE
SS30-L.M. 131.646WB

Fulton 6
Little Rock 128

REPLACE
ML30-18-1EB
L.M. 12.120

REPLACE
SS30-L.M. 12.031EB

REPLACE
SS30-L.M. 11.321EB

RETAIN
SS30-L.M. 11.496EB

REPLACE
SS30-L.M. 11.679-11.981EB
9EA @ 200' APART

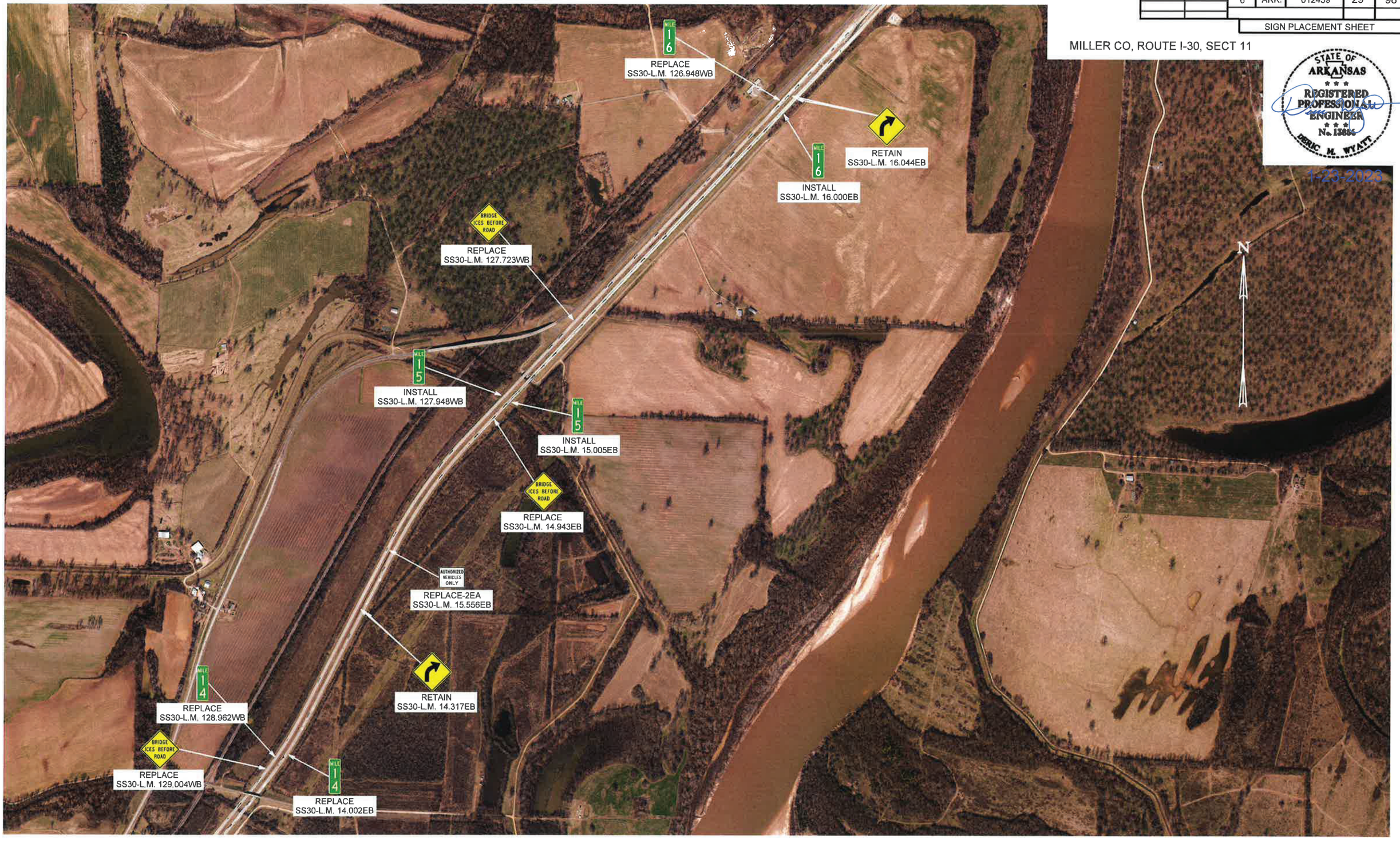
N

DATE REVISED	DATE REVISED	FED. RD. DIST. NO	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	29	98

SIGN PLACEMENT SHEET

MILLER CO, ROUTE I-30, SECT 11

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13854
DERIC M. WYATT
1-23-2023



DATE REVISED	DATE REVISED	FED. RD DIST. NO	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	30	98

SIGN PLACEMENT SHEET

HEMPSTEAD CO, ROUTE I-30, SECT 12

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13[illegible]
DERIC M. WYATT
1-23-2023

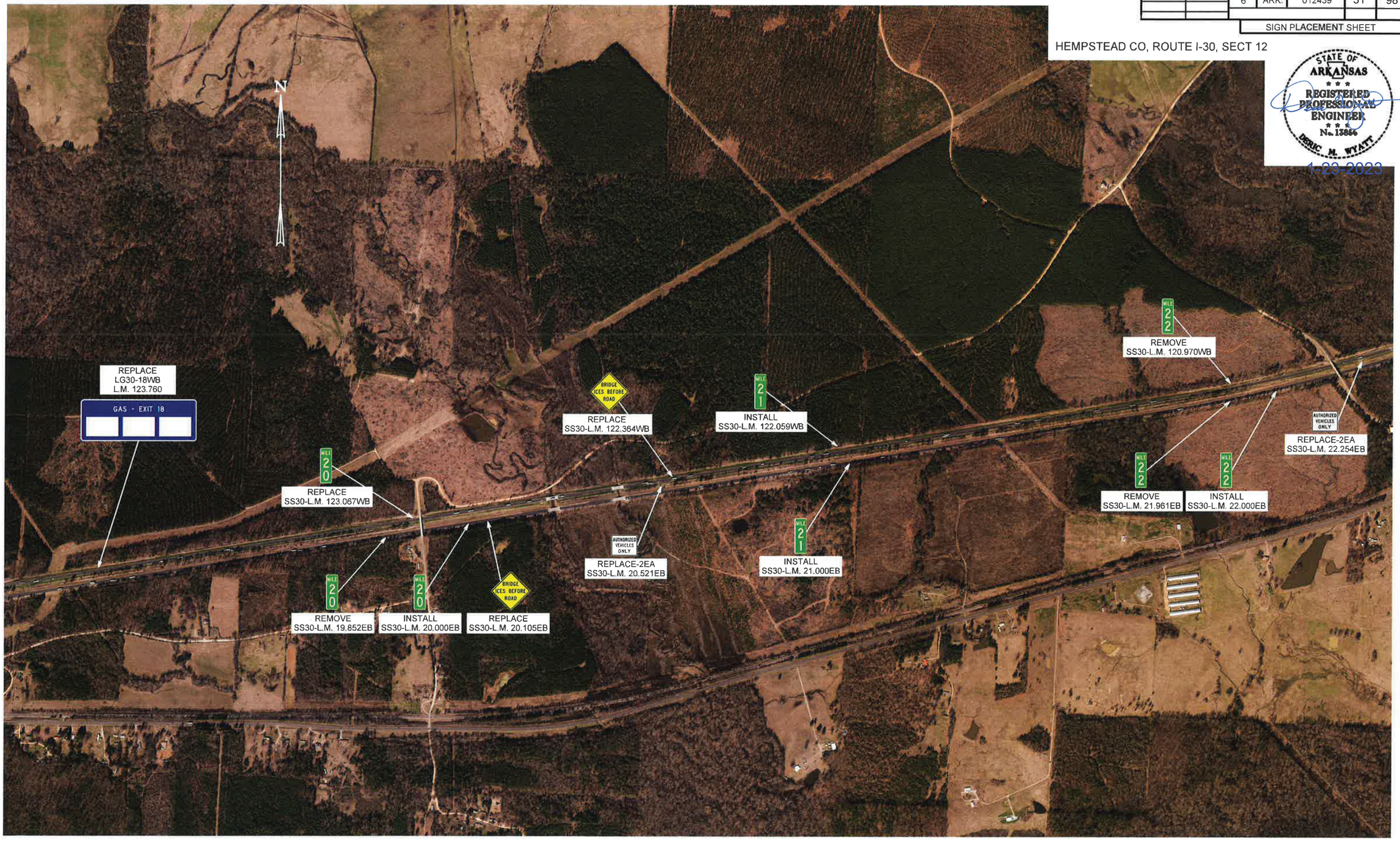
RETAIN ML30-12-1WB L.M. 126.160
RETAIN ML30-12-3WB L.M. 125.236
Miller Co
Red River
INSTALL SS30-L.M. 126.021WB
RETAIN SS30-L.M. 125.640WB
REPLACE SS30-L.M. 125.511WB
REPLACE SS30-L.M. 125.430WB
STATE LAW LEFT LANE FOR PASSING ONLY
SPEED LIMIT 75
TRUCKS 70
WEST I-30
BRIDGE ICES BEFORE ROAD
Mandeville 11
Texarkana 17
INSTALL SS30-L.M. 125.973WB
MILE 17
RETAIN ML30-12-2WB L.M. 126.298
RETAIN SS30-L.M. 126.236WB
ARKANSAS STATE POLICE DIAL *277
RETAIN SS30-L.M. 126.710WB
Red River
RETAIN ML30-18-3EB L.M. 16.743
INSTALL SS30-L.M. 17.000EB
RETAIN SS30-L.M. 17.272EB
RETAIN SS30-L.M. 17.324EB
AUTHORIZED VEHICLES ONLY
REPLACE-2EA SS30-L.M. 16.144EB
BRIDGE ICES BEFORE ROAD
RETAIN SS30-L.M. 16.388EB
GAS - EXIT 18
RETAIN LG30-18EB L.M. 16.408
EXIT 18 Fulton 1 MILE
RETAIN ML30-18-2EB L.M. 16.464
Hempstead Co
RETAIN ML30-18-4EB L.M. 17.010
EXIT 18 Fulton
REPLACE ML30-18-5EB L.M. 17.494
EXIT 18 Fulton
REPLACE ML30-18-3WB L.M. 124.860
REPLACE EXIT18-WB L.M. 124.950
MILE 18
REPLACE SS30-L.M. 124.973EB
REPLACE SS30-L.M. 125.218WB
EAST I-30
INSTALL SS30-L.M. 18.231EB
BRIDGE ICES BEFORE ROAD
REPLACE SS30-L.M. 18.151EB
REPLACE SS30-L.M. 17.840EB
MILE 18
REPLACE SS30-L.M. 17.950EB
EXIT 18
RETAIN EXIT18-EB L.M. 17.567
EXIT 18 Fulton
REPLACE ML30-18-5EB L.M. 17.494
EXIT 18 Fulton 1 MILE
REPLACE ML30-18-2WB L.M. 123.910
MILE 19
INSTALL SS30-L.M. 123.864WB
RETAIN 2EA SS30-L.M. 124.855WB
STATE LAW LEFT LANE FOR PASSING ONLY
RETAIN SS30-L.M. 18.511EB
SPEED LIMIT 75
TRUCKS 70
RETAIN SS30-L.M. 18.623EB
MILE 19
REPLACE SS30-L.M. 18.975EB
Hope 13
Little Rock 123
INSTALL ML30-30-8EB L.M. 18.774

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	31	98

SIGN PLACEMENT SHEET

HEMPSTEAD CO, ROUTE I-30, SECT 12

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13886
DERIC M. WYATT
1-23-2023



DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	32	98

SIGN PLACEMENT SHEET

HEMPSTEAD CO, ROUTE I-30, SECT 12

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13916
DERIC M. WYATT

1-23-2023

N

REPLACE
SS30-L.M. 117.044WB

RETAIN
SS30-L.M. 117.863WB

SPEED LIMIT 75
TRUCKS 70

REPLACE
SS30-L.M. 117.278WB

REPLACE-2EA
SS30-L.M. 25.090EB

AUTHORIZED VEHICLES ONLY

REPLACE
SS30-L.M. 118.012WB

INSTALL
SS30-L.M. 26.000EB

REMOVE
SS30-L.M. 25.891EB

REPLACE
SS30-L.M. 25.913EB

REPLACE
SS30-L.M. 118.775WB

BRIDGE ICES BEFORE ROAD

EXIT 35 M.P.H.

REPLACE
SS30-L.M. 25.478EB

REMOVE
SS30-L.M. 24.924EB

INSTALL
SS30-L.M. 25.000EB

WEIGH STATION

REPLACE
ML30-WS-5EB
L.M. 25.540

REPLACE
SS30-L.M. 119.020WB

BRIDGE ICES BEFORE ROAD

REPLACE
SS30-L.M. 119.517WB

ALL TRUCKS COMMERCIAL VEHICLES NEXT RIGHT

REPLACE
ML30-WS-3EB
L.M. 24.820

WEIGH STATION NEXT RIGHT

REPLACE
ML30-WS-4EB
L.M. 25.220

REPLACE
SS30-L.M. 23.920EB

BRIDGE ICES BEFORE ROAD

REPLACE
SS30-L.M. 23.891EB

WEIGH STATION 1 MILE

REPLACE
ML30-WS-1EB
L.M. 24.600

TRANSPONDER EQUIPPED TRUCKS FOLLOW IN-CAB SIGNALS

REPLACE
ML30-WS-2EB
L.M. 24.690

INSTALL
SS30-L.M. 119.864WB

BRIDGE ICES BEFORE ROAD

REPLACE
SS30-L.M. 23.141EB

REMOVE
SS30-L.M. 22.870EB

INSTALL
SS30-L.M. 23.000EB

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	33	98

SIGN PLACEMENT SHEET

HEMPSTEAD CO, ROUTE I-30, SECT 12

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13886
DERIC M. WYATT
1-23-2023

N

Fulton 11
Texarkana 29
REPLACE
ML30-18-1WB
L.M. 113.910

MILE 29
REPLACE
SS30-L.M. 113.970WB

SPEED LIMIT 75
TRUCKS 70
RETAIN
SS30-L.M. 114.071WB

ARKANSAS STATE POLICE DIAL "AHP" 272
RETAIN
SS30-L.M. 114.123WB

MILE 29
REPLACE
SS30-L.M. 28.964EB

REPLACE
SS30-L.M. 114.981WB

MILE 28
REPLACE
SS30-L.M. 27.960EB

ARKANSAS STATE POLICE DIAL "AHP" 272
RETAIN
SS30-L.M. 28.193EB

EXIT 30
278
Hope
Nashville
1 MILE
REPLACE
ML30-30-3EB
L.M. 28.440

HOSPITAL
EXIT 30
Wadley Regional Med Ctr
Hope
REPLACE
ML30-30-4EB
L.M. 28.570

Hope
NEXT 2 EXITS
REPLACE
ML30-30-2EB
L.M. 28.300

President
William Jefferson Clinton
Birthplace Home
National Historic Site
EXIT 30
REPLACE
ML30-30-1EB
L.M. 28.110

ATTRACTION - EXIT 30
CAMPING - EXIT 30
REPLACE
LAC30-30EB
L.M. 27.950

WEIGH STATION 1 MILE
REPLACE
ML30-WS-1WB
L.M. 115.870

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 115.564WB

TRANSPONDER EQUIPPED TRUCKS FOLLOW IN-CAB SIGNALS
REPLACE
ML30-WS-2WB
L.M. 115.940

ALL TRUCKS COMMERCIAL VEHICLES NEXT RIGHT
REPLACE
ML30-WS-3WB
L.M. 116.130

MILE 27
INSTALL
SS30-L.M. 115.978WB

REPLACE
ML30-WS-4WB
L.M. 116.610

WEIGH STATION NEXT RIGHT

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 116.322WB

REPLACE
ML30-WS-5WB
L.M. 116.850

WEIGH STATION

EXIT 35 M.P.H.
REPLACE
SS30-L.M. 116.715WB

MILE 26
REPLACE
SS30-L.M. 117.044WB

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 26.318EB

AUTHORIZED VEHICLES ONLY
REPLACE-2EA
SS30-L.M. 26.342EB

SPEED LIMIT 75
TRUCKS 70
RETAIN
SS30-L.M. 26.565EB

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 26.841EB

MILE 27
INSTALL
SS30-L.M. 27.000EB

DATE REVISED	DATE REVISED	FED. RD DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	34	98

SIGN PLACEMENT SHEET

HEMPSTEAD CO, ROUTE I-30, SECT 12

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13546
DERUC M. WYATT
1-23-2023

N

Historic Washington State Park
Millwood State Park
EXIT 30
REPLACE
ML30-30-2WB
L.M. 112.410

REPLACE
ML30-30-1WB
L.M. 112.260

President
William Jefferson Clinton
Birthplace Home
National Historic Site
EXIT 30

EXIT 30
278
Hope
Nashville
REPLACE
ML30-30-3WB
L.M. 112.590

EXIT
30
REPLACE
EXIT30-WB
L.M. 112.690

MILE 30
REPLACE
SS30-L.M. 112.975WB

REPLACE
SS30-L.M. 113.466WB

WEST 30

REPLACE
SS30-L.M. 113.069WB

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 113.573WB

STATE LAW
LEFT LANE FOR PASSING ONLY
RETAIN
SS30-L.M. 113.790WB

MILE 29
REPLACE
SS30-L.M. 28.964EB

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 29.008EB

LODGING - EXIT 30
REPLACE
LL30-30EB
L.M. 28.710

FOOD - EXIT 30
REPLACE
LF30-30EB
L.M. 28.850

GAS - EXIT 30
REPLACE
LG30-30EB
L.M. 28.990

MILE 30
REPLACE
SS30-L.M. 29.968EB

REPLACE
SS30-L.M. 30.118EB

EXIT
30
REPLACE
EXIT30-EB
L.M.29.720

Historic Washington State Park
Millwood State Park
EXIT 30
REPLACE
ML30-30-6EB
L.M. 29.390

Crater of Diamonds State Park
EXIT 30
REPLACE
ML30-30-5EB
L.M. 29.140

EAST 30
REPLACE
SS30-L.M. 30.459EB

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 30.569EB

State Police HQ
EXIT 31
REPLACE
ML30-31-3EB
L.M. 30.090

UA Hope-Texarkana
EXIT 31
RETAIN
ML30-31-1EB
L.M. 29.760

MILE 31
INSTALL
SS30-L.M. 31.000EB

EXIT
25 MPH
REPLACE
SS30-L.M. 30.852EB

EXIT 31
25 MPH
REPLACE
EXIT31-EB
L.M. 30.990

EXIT 31
29
Hope
1 MILE
REPLACE
ML30-31-2EB
L.M. 29.920

EXIT 31
29
Hope
REPLACE
ML30-31-4EB
L.M. 30.900

GAS - EXIT 31
REPLACE
LG30-31EB
L.M. 30.540

FOOD - EXIT 31
REPLACE
LF30-31EB
L.M. 30.390

LODGING - EXIT 31
- EXIT 31
REPLACE
LLX30-31EB
L.M. 30.250

EXIT 30
278
Hope
Nashville
REPLACE
ML30-30-7EB
L.M. 29.620

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	35	98

SIGN PLACEMENT SHEET

HEMPSTEAD CO, ROUTE I-30, SECT 12

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13864
DERIC M. WYATT
1-23-2023

N

RETAIN OVERHEAD STRUCTURE OH-30-29-07

REPLACE OH30-31-2WB

REPLACE OH30-30-1WB L.M. 111.730

REPLACE OH30-31-1WB

RETAIN ML30-31-3WB L.M. 110.690

REPLACE ML30-31-4WB L.M. 110.910

RETAIN ML30-31-5WB L.M. 111.174

REPLACE ML30-31-6WB L.M. 111.400

REPLACE LL30-30WB L.M. 111.820

REPLACE LF30-30WB L.M. 111.860

REPLACE LG30-30WB L.M. 112.070

REPLACE LG30-31WB L.M. 110.470

REPLACE LF30-31WB L.M. 110.310

RETAIN LLX30-31WB L.M. 110.078

REPLACE LA30-31WB L.M. 109.990

INSTALL SS30-L.M. 108.931WB

REPLACE SS30-L.M. 32.996EB

INSTALL SS30-L.M. 110.958WB

REPLACE SS30-L.M. 31.998EB

REPLACE SS30-L.M. 111.884WB

REPLACE SS30-L.M. 111.901WB

REPLACE EXIT31-WB L.M. 111.777

INSTALL SS30-L.M. 111.940WB

INSTALL SS30-L.M. 31.381EB

RETAIN SS30-L.M. 31.657EB

RETAIN SS30-L.M. 31.746EB

REPLACE SS30-L.M. 31.076EB

INSTALL SS30-L.M. 31.000EB

REPLACE ML30-36-1EB L.M. 31.840

EXIT 30
WEST
30
Texarkana

EXIT 30
278
Hope
Nashville
1 MILE

EXIT 31
29
Hope

EXIT 31
29
Hope
1 MILE

State Police HQ
EXIT 31

UA Hope-Texarkana
EXIT 31

HOSPITAL
EXIT 31
Wadley Regional Med Ctr Hope

EXIT 31

LODGING - EXIT 30

FOOD - EXIT 30

GAS - EXIT 30

GAS - EXIT 31

FOOD - EXIT 31

LODGING - EXIT 31

- EXIT 31

ATTRACTION - EXIT 31

BRIDGE ICES BEFORE ROAD

MILE 31

MILE 32

MILE 33

EAST 30

SPEED LIMIT 75

TRUCKS 70

STATE LAW
LEFT LANE FOR PASSING ONLY

Emmet 9
Little Rock 108

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	36	98

SIGN PLACEMENT SHEET

HEMPSTEAD CO, ROUTE I-30, SECT 12

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT
1-23-2023

N

REPLACE
SS30-L.M. 106.690WB

MILE 3 6
REPLACE
SS30-L.M. 106.874WB

WEST I-30
REPLACE
SS30-L.M. 107.084WB

SPEED LIMIT 75
TRUCKS 70
RETAIN
SS30-L.M. 107.277WB

STATE LAW
LEFT LANE FOR PASSING ONLY
INSTALL
SS30-L.M. 107.420WB

Hope 4
Texarkana 35
REPLACE
ML30-31-1WB
L.M. 107.440

REPLACE
SS30-L.M. 107.931WB

MILE 3 5

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 108.015WB

REPLACE
SS30-L.M. 36.389EB

MILE 3 6
REPLACE
SS30-L.M. 36.061EB

EXIT 36
REPLACE
EXIT36-EB
L.M. 36.060

EXIT 36
299
Emmet
REPLACE
ML30-36-3EB
L.M. 35.930

MILE 3 5
REPLACE
SS30-L.M. 34.996EB

EXIT 36
299
Emmet
1 MILE
REPLACE
ML30-36-2EB
L.M. 35.030

- EXIT 36
- EXIT 36
REPLACE
LXX30-36EB
L.M. 34.870

BRIDGE ICES BEFORE ROAD
INSTALL
SS30-L.M. 34.477EB

MILE 3 4
REPLACE
SS30-L.M. 108.931WB

AUTHORIZED VEHICLES ONLY
REPLACE-2EA
SS30-L.M. 34.158EB

Hope
NEXT 2 EXITS
REPLACE
ML30-31-2WB
L.M. 109.170

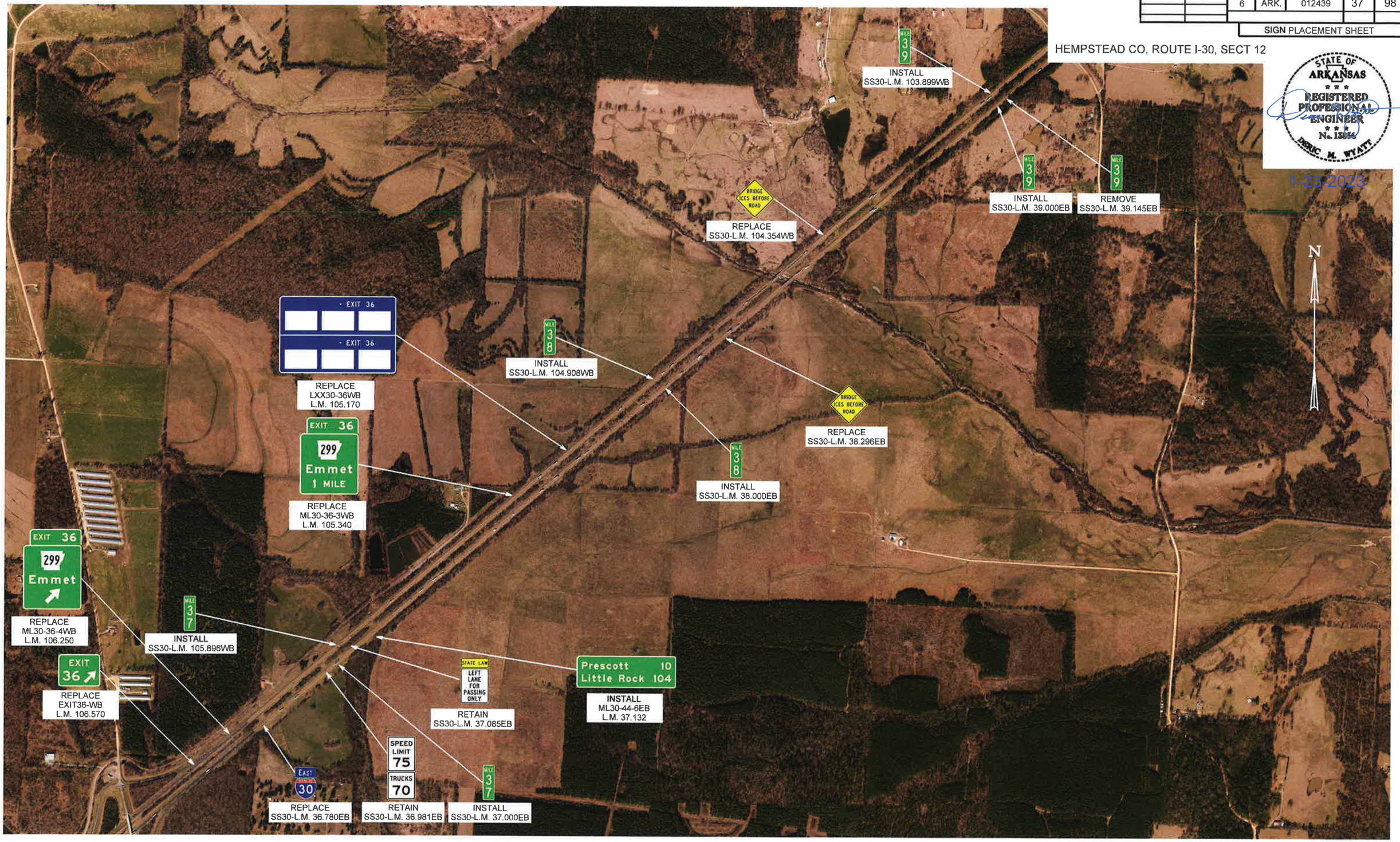
MILE 3 4
REPLACE
SS30-L.M. 34.019EB

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	37	98

SIGN PLACEMENT SHEET

HEMPSTEAD CO, ROUTE I-30, SECT 12

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13814
DERIC M. WYATT
1-23-2023



DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	38	98

SIGN PLACEMENT SHEET

NEVADA CO, ROUTE I-30, SECT 13

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 15666
DERIC M. WYATT
1-23-2023

N

REPLACE
SS30-L.M. 100.938WB

REPLACE
SS30-L.M. 42.003EB

FOOD - EXIT 44

REPLACE
LF30-44EB
L.M. 42.240

Prescott
NEXT 2 EXITS

REPLACE
ML30-44-2EB
L.M. 41.810

LODGING - EXIT 44

REPLACE
LL30-44EB
L.M. 42.130

INSTALL
SS30-L.M. 101.945WB

AUTHORIZED VEHICLES ONLY

REPLACE-2EA
SS30-L.M. 41.125EB

REPLACE
SS30-L.M. 41.000EB

Hempstead Co

REPLACE
ML30-36-2WB
L.M. 102.770

RETAIN
SS30-L.M. 102.904WB

REPLACE
SS30-L.M. 102.904WB

RETAIN
SS30-L.M. 40.282EB

BRIDGE ICES BEFORE ROAD

REPLACE
SS30-L.M. 103.009WB

REPLACE
SS30-L.M. 40.037EB

Nevada Co

REPLACE
ML30-44-1EB
L.M. 40.150

AUTHORIZED VEHICLES ONLY

BRIDGE ICES BEFORE ROAD

REPLACE-2EA
SS30-L.M. 39.575EB

REPLACE
SS30-L.M. 39.644EB

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	39	98

SIGN PLACEMENT SHEET

NEVADA CO, ROUTE I-30, SECT 13

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT
1-23-2023

N

INSTALL
SS30-L.M. 97.997

EXIT 44
371 24
Prescott

REPLACE
ML30-44-2WB
L.M. 98.750

EXIT
44

REPLACE
EXIT44-WB
L.M. 98.850

REPLACE
SS30-L.M. 99.029WB

MILE 4 4

REPLACE
SS30-L.M. 99.148WB

WEST 30

INSTALL
SS30-L.M. 99.450WB

STATE LAW
LEFT LANE FOR PASSING ONLY

RETAIN
SS30-L.M. 99.827WB

SPEED LIMIT 75
TRUCKS 70

REPLACE
SS30-L.M. 99.732WB

Emmet 11
Texarkana 46

REPLACE
ML30-36-1WB
L.M. 99.920

MILE 4 3

REPLACE
SS30-L.M.100.012WB

MILE 4 3

INSTALL
SS30-L.M. 43.000EB

MILE 4 3

REMOVE
SS30-L.M. 42.931EB

GAS - EXIT 44
- EXIT 44

REPLACE
LGX30-44
L.M. 42.430

EXIT 44
371 24
Prescott
1 MILE

REPLACE
ML30-44-3EB
L.M. 42.780

Southern AR University
EXIT 44

REPLACE
ML30-44-4EB
L.M. 43.500

MILE 4 4

REMOVE
SS30-L.M. 43.917EB

MILE 4 4

INSTALL
SS30-L.M. 44.000EB

EAST 30

INSTALL
SS30-L.M. 44.505EB

EXIT
44

REPLACE
EXIT44-EB
L.M. 43.830

EXIT 44
371 24
Prescott

REPLACE
ML30-44-5EB
L.M. 43.730

REPLACE
SS30-L.M. 44.173EB

SPEED LIMIT 75
TRUCKS 70

RETAIN
SS30-L.M. 44.757EB

MILE 4 5

REMOVE
SS30-L.M. 44.920EB

MILE 4 5

INSTALL
SS30-L.M. 45.000EB

STATE LAW
LEFT LANE FOR PASSING ONLY

RETAIN
SS30-L.M. 44.837EB

EXIT 46
19
Prescott
1 MILE

REPLACE
ML30-46-1EB
L.M. 44.880

GAS - EXIT 46

REPLACE
LG30-46EB
L.M. 44.540

FOOD - EXIT 46
- EXIT 46

REPLACE
LFX30-46EB
L.M. 44.390

DATE REVISED	DATE REVISED	FED RD. DIST NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	40	98

SIGN PLACEMENT SHEET

NEVADA CO, ROUTE I-30, SECT 13

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13516
DERIC M. WYATT
1-23-2023

N

EXIT 46
19
Prescott
1 MILE
REPLACE
ML30-46-4WB
L.M. 95.560

Southern AR University
EXIT 46
REPLACE
ML30-46-5WB
L.M. 96.000

MILE 47
REPLACE
SS30-L.M.96.027WB

Okolona 15
Little Rock 94
REPLACE
ML30-54-1EB
L.M. 47.000

EXIT 46
19
Prescott
REPLACE
ML30-46-6WB
L.M. 96.490

MILE 47
REMOVE
SS30-L.M.46.916EB

MILE 47
INSTALL
SS30-L.M. 47.000EB

EXIT 46
REPLACE
EXIT46-WB
L.M. 96.614

SPEED LIMIT 75
TRUCKS 70
RETAIN
SS30-L.M. 46.844EB

STATE LAW
LEFT LANE FOR PASSING ONLY
RETAIN
SS30-L.M. 46.930EB

EAST 30
INSTALL
SS30-L.M. 46.527EB

LODGING - EXIT 44
REPLACE
LL30-44WB
L.M. 97.390

FOOD - EXIT 44
REPLACE
LF30-44WB
L.M. 97.540

REPLACE
SS30-L.M. 96.949WB

REPLACE
SS30-L.M. 96.966WB

MILE 46

WEST 30
INSTALL
SS30-L.M. 97.248WB

SPEED LIMIT 75
TRUCKS 70
RETAIN
SS30-L.M. 97.449WB

STATE LAW
LEFT LANE FOR PASSING ONLY
RETAIN
SS30-L.M. 97.613WB

GAS - EXIT 44
- EXIT 44
REPLACE
LGX30-44WB
L.M. 97.680

EXIT 44
371 24
Prescott
1 MILE
REPLACE
ML30-44-1WB
L.M. 97.850

REPLACE
SS30-L.M. 46.207EB

MILE 46
REPLACE
SS30-L.M. 45.977EB

EXIT 46
REPLACE
EXIT46-EB
L.M. 45.870

EXIT 46
19
Prescott
REPLACE
ML30-46-3EB
L.M. 45.800

White Oak Lake State Park
EXIT 46
RETAIN
ML30-46-2EB
L.M. 45.448

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	41	98

SIGN PLACEMENT SHEET

NEVADA CO, ROUTE I-30, SECT 13

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

N

REPLACE
SS30-L.M.92.820WB

REPLACE
SS30-L.M. 50.383EB

INSTALL
SS30-L.M.50.000EB

REPLACE
SS30-L.M.93.800WB

INSTALL
SS30-L.M.49.000EB

REMOVE
SS30-L.M. 49.141EB

REPLACE-2EA
SS30-L.M. 48.744EB

REPLACE
ML30-46-2WB
L.M. 90.140

Prescott
NEXT 2 EXITS

FOOD - EXIT 46
- EXIT 46

REPLACE
LFX30-46WB
L.M. 95.110

REPLACE
SS30-L.M.95.012WB

GAS - EXIT 46

RETAIN
LG30-46WB
L.M. 95.200

INSTALL
SS30-L.M.48.000EB

DATE REVISED	DATE REVISED	FED RD DIST NO	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	42	98

SIGN PLACEMENT SHEET

NEVADA CO, ROUTE I-30, SECT 13

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13884
DERIC M. WYATT
1-23-2023

N

Nevada Co
REPLACE
ML30-46-1WB
L.M. 89.750

REPLACE
SS30-L.M. 89.617WB

BRIDGE ICES BEFORE ROAD

INSTALL
SS30-L.M. 89.670WB

WEST 30

STATE LAW
LEFT LANE FOR PASSING ONLY
RETAIN
SS30-L.M. 90.091WB

SPEED LIMIT 75
TRUCKS 70
RETAIN
SS30-L.M. 89.957WB

MILE 5 3
REPLACE
SS30-L.M.89.934WB

EXIT 54
REPLACE
EXIT54-EB
L.M. 53.440

Prescott 11
Texarkana 56
REPLACE
ML30-46-2WB
L.M. 90.140

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 90.104WB

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 52.874EB

MILE 5 3
REPLACE
SS30-L.M.53.006EB

EXIT 54
51
Okolona
Gurdon
REPLACE
ML30-54-4EB
L.M. 53.350

Clark Co
REPLACE
ML30-54-3EB
L.M. 53.000

MILE 5 2
REPLACE
SS30-L.M. 90.934WB

EXIT 54
51
Okolona
Gurdon
1 MILE
REPLACE
ML30-54-2EB
L.M. 52.450

MILE 5 2
REPLACE
SS30-L.M.52.095EB

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 52.160EB

AUTHORIZED VEHICLES ONLY
REPLACE-2EA
SS30-L.M. 51.792EB

MILE 5 1
REPLACE
SS30-L.M.91.848WB

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 92.287WB

MILE 5 1
REPLACE
SS30-L.M.51.010EB

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	43	98

SIGN PLACEMENT SHEET

CLARK CO, ROUTE I-30, SECT 14

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13646
DEREK M. WYATT

1-23-2023

N

REPLACE
SS30-L.M. 86.910WB

REPLACE
SS30-L.M. 56.552EB

EXIT 40 MPH

REPLACE
SS30-L.M. 56.229EB

REST AREA CLOSED

REST AREA | TRUCK PARKING AREA

RETAIN
ML30-RA-3EB
L.M. 56.260

AUTHORIZED VEHICLES ONLY

REPLACE-2EA
SS30-L.M. 55.921EB

REPLACE
SS30-L.M. 56.045EB

REST AREA CLOSED

REST AREA RIGHT LANE | TRUCK PARKING AREA RIGHT LANE

NO SERVICES

RETAIN
ML30-RA-2EB
L.M. 55.890

EXIT 54
51
Okolona
1 MILE

REPLACE
ML30-54-2WB
L.M. 88.000

REPLACE
SS30-L.M. 87.998WB

REPLACE
SS30-L.M. 55.042EB

REST AREA CLOSED

REST AREA 1 MILE | TRUCK PARKING AREA 1 MILE

NO SERVICES

RETAIN
ML30-RA-1EB
L.M. 55.220

EXIT 54
51
Okolona

REPLACE
ML30-54-3WB
L.M. 88.910

REPLACE
SS30-L.M.88.886WB

Gurdon 14
Little Rock 86

REPLACE
ML30-63-1EB
L.M. 54.420

EXIT 54

REPLACE
EXIT54-WB
L.M. 89.010

STATE LAW
LEFT LANE FOR PASSING ONLY

RETAIN
SS30-L.M. 54.237EB

SPEED LIMIT 75
TRUCKS 70

RETAIN
SS30-L.M. 54.233EB

EAST
30

INSTALL
SS30-L.M. 54.098EB

REPLACE
SS30-L.M. 89.300WB

REPLACE
SS30-L.M. 53.803EB

INSTALL
SS30-L.M.54.000EB

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	44	98

SIGN PLACEMENT SHEET

CLARK CO, ROUTE I-30, SECT 14

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13556
DEREK M. WYATT
1-23-2023

N

REPLACE
SS30-L.M. 83.958WB

RETAIN 2EA
SS30-L.M. 83.960WB

REST AREA CLOSED

REST AREA
1 MILE

TRUCK PARKING AREA
1 MILE
NO SERVICES

RETAIN
ML30-RA-1WB
L.M. 84.360

BRIDGE ICES BEFORE ROAD

REPLACE
SS30-L.M. 84.217WB

REPLACE
SS30-L.M. 59.054EB

RETAIN 2EA
SS30-L.M. 84.653WB

REPLACE 2EA
SS30-L.M. 58.530EB

BRIDGE ICES BEFORE ROAD

REPLACE
SS30-L.M. 58.394EB

REST AREA CLOSED

REST AREA
RIGHT LANE

TRUCK PARKING AREA
RIGHT LANE
NO SERVICES

RETAIN
ML30-RA-2WB
L.M. 85.012

REPLACE
SS30-L.M. 84.900WB

AUTHORIZED VEHICLES ONLY

REPLACE-2EA
SS30-L.M. 58.009EB

REST AREA CLOSED

REST AREA

TRUCK PARKING AREA

RETAIN
ML30-RA-3WB
L.M. 85.450

EXIT
40
M.P.H.

REPLACE
SS30-L.M. 85.372WB

REPLACE
SS30-L.M. 58.005EB

REPLACE
SS30-L.M. 85.734WB

REPLACE
SS30-L.M. 85.864WB

RETAIN 2EA
SS30-L.M. 86.170WB

REPLACE
SS30-L.M. 57.050EB

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	45	98

SIGN PLACEMENT SHEET

CLARK CO, ROUTE I-30, SECT 14

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13866
DERIC M. WYATT
1-23-2023

N

RETAIN
SS30-L.M. 80.607WB

SPEED LIMIT 75
TRUCKS 70

Okolona 17
Texarkana 62

REPLACE
ML30-54-1WB
L.M. 80.800

BRIDGE ICES BEFORE ROAD

REPLACE
SS30-L.M. 80.728WB

STATE LAW
LEFT LANE FOR PASSING ONLY

RFTAIN
SS30-L.M. 80.832WB

MILE 62

REPLACE
SS30-L.M. 81.001WB

EXIT 63

REPLACE
EXIT63-EB
L.M. 62.560

EXIT 63
53
Gurdon

REPLACE
ML30-63-3EB
L.M. 62.480

BRIDGE ICES BEFORE ROAD

REPLACE
SS30-L.M. 61.850EB

MILE 62

REPLACE
SS30-L.M. 61.954EB

EXIT 63
53
Gurdon
1 MILE

REPLACE
ML30-63-2EB
L.M. 61.580

MILE 61

REPLACE
SS30-L.M. 81.869WB

MILE 61

REPLACE
SS30-L.M. 61.087EB

GAS - EXIT 63

FOOD - EXIT 63

REPLACE
LGF30-63EB
L.M. 61.290

LODGING - EXIT 63

- EXIT 63

REPLACE
LLX30-63EB
L.M. 61.120

MILE 60

REPLACE
SS30-L.M. 82.900WB

AUTHORIZED VEHICLES ONLY

REPLACE-2EA
SS30-L.M. 60.010EB

MILE 60

REPLACE
SS30-L.M. 59.970EB

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	46	98

SIGN PLACEMENT SHEET

CLARK CO, ROUTE I-30, SECT 14

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DEREK M. WYATT
1-23-2023

N

STATE LAW
MOVE OVER SAFELY OR SLOW DOWN FOR STOPPED VEHICLES WITH FLASHING LIGHTS
REPLACE ML30-63-2WB L.M. 77.960

MILE 65
REPLACE SS30-L.M. 78.014WB

MILE 65
REPLACE SS30-L.M. 65.050EB

STATE LAW
MOVE OVER SAFELY OR SLOW DOWN FOR STOPPED VEHICLES WITH FLASHING LIGHTS
REPLACE ML30-69-1EB L.M. 64.950

LODGING - EXIT 63
- EXIT 63
REPLACE LLX30-63WB L.M. 78.660

BRIDGE ICES BEFORE ROAD
INSTALL SS30-L.M. 78.357WB

GAS - EXIT 63
FOOD - EXIT 63
REPLACE LGF30-63WB L.M. 78.810

BRIDGE ICES BEFORE ROAD
REPLACE SS30-L.M. 78.685WB

EXIT 63
53
Gurdon
1 MILE
REPLACE ML30-63-3WB L.M. 79.110

MILE 64
INSTALL SS30-L.M. 79.014WB

BRIDGE ICES BEFORE ROAD
REPLACE SS30-L.M. 64.232EB

White Oak Lake State Park
EXIT 63
REPLACE ML30-63-4WB L.M. 79.280

BRIDGE ICES BEFORE ROAD
REPLACE SS30-L.M. 79.354WB

BRIDGE ICES BEFORE ROAD
REPLACE SS30-L.M. 63.919EB

MILE 64
REPLACE SS30-L.M. 64.015EB

EXIT 63
53
Gurdon
REPLACE ML30-63-5WB L.M. 79.930

MILE 63
REPLACE SS30-L.M. 79.875WB

Gum Springs 7
Arkadelphia 11
Little Rock 77
INSTALL ML30-69-4EB L.M. 63.500

EXIT 63
15 MPH
RETAIN EXIT63-WB L.M. 80.190

EXIT
15
MPH
REPLACE SS30-L.M. 79.981WB

STATE LAW
LEFT LANE FOR PASSING ONLY
RETAIN SS30-L.M. 63.491EB

SPEED LIMIT 75
TRUCKS 70
RETAIN SS30-L.M. 63.321EB

BRIDGE ICES BEFORE ROAD
REPLACE SS30-L.M. 63.247EB

REPLACE SS30-L.M. 80.195WB

MILE 63
REPLACE SS30-L.M. 63.031EB

EAST 30
REPLACE SS30-L.M. 63.138EB

WEST 30
REPLACE SS30-L.M. 80.400WB

REPLACE SS30-L.M. 62.765EB

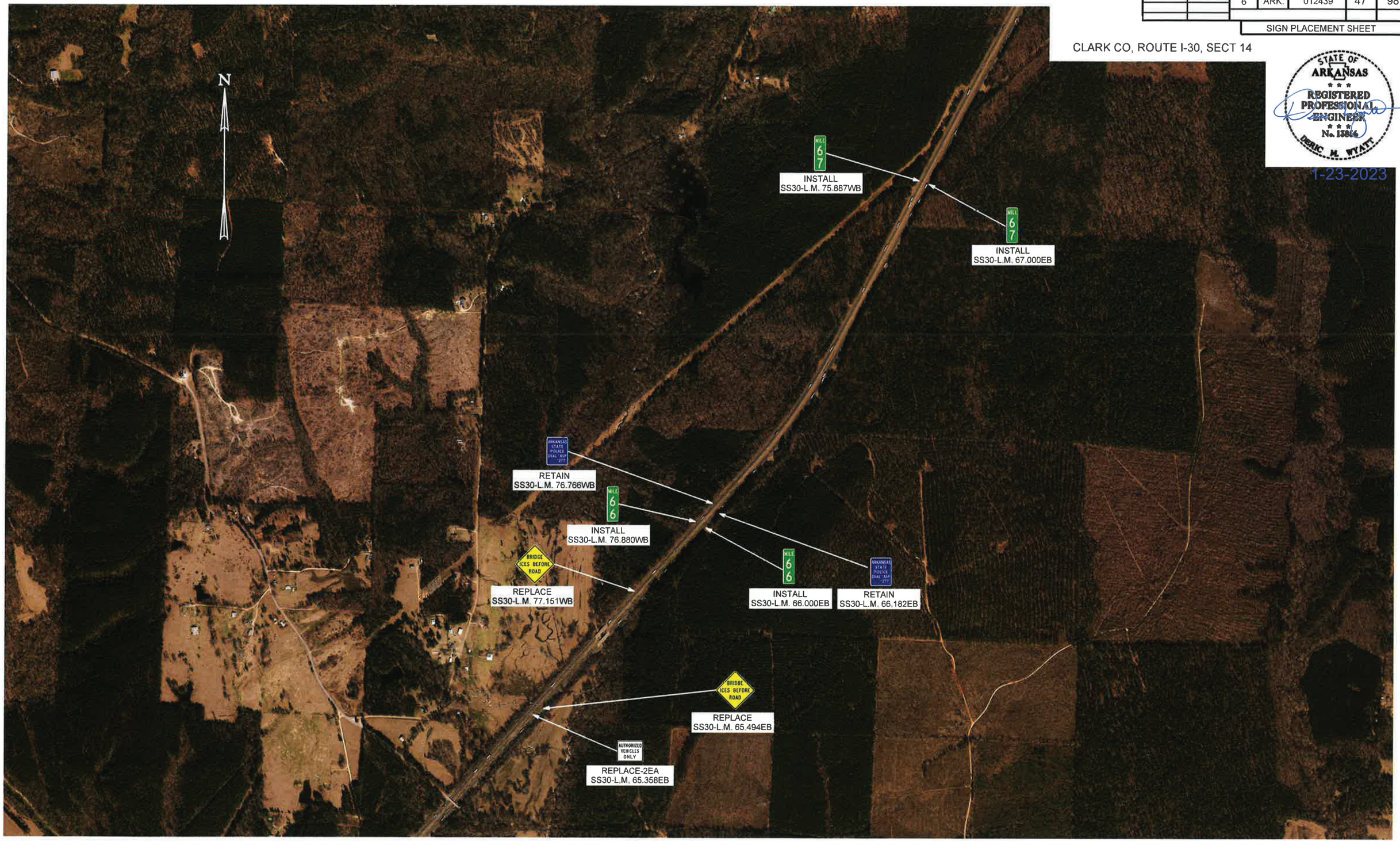
DATE REVISED	DATE REVISED	FED RD DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	47	98

SIGN PLACEMENT SHEET

CLARK CO, ROUTE I-30, SECT 14

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13846
DERIC M. WYATT

1-23-2023



DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	48	98

SIGN PLACEMENT SHEET

CLARK CO, ROUTE I-30, SECT 14

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13864
DERIC M. WYATT
1-23-2023

N

REPLACE SS30-L.M. 72.865WB

REPLACE SS30-L.M. 72.905WB

REPLACE SS30-L.M. 70.060EB

REPLACE ML30-69-2WB L.M. 73.370

REPLACE EXIT69-WB L.M. 73.500

RETAIN SS30-L.M. 69.882EB

RETAIN SS30-L.M. 70.043EB

REPLACE SS30-L.M. 73.691WB

INSTALL SS30-L.M. 69.637EB

REPLACE SS30-L.M. 69.687EB

INSTALL SS30-L.M. 74.001WB

REPLACE SS30-L.M. 69.384EB

REPLACE SS30-L.M. 74.012WB

INSTALL SS30-L.M. 69.000EB

RETAIN EXIT69-EB L.M. 69.043

RETAIN SS30-L.M. 74.209WB

REPLACE ML30-63-1WB L.M. 74.350

REPLACE ML30-69-3EB L.M. 68.950

RETAIN SS30-L.M. 74.401WB

INSTALL SS30-L.M. 68.000EB

REPLACE SS30-L.M. 74.876WB

REPLACE ML3-69-2EB L.M. 67.940

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	49	98

SIGN PLACEMENT SHEET

CLARK CO, ROUTE I-30, SECT 14

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13886
DERIC H. WYATT
1-23-2023

N

WEST 30

REPLACE
SS30-L.M. 70.758WB

REPLACE
SS30-L.M. 70.902WB

MILE 7 2

SPEED LIMIT 75
TRUCKS 70

RETAIN
SS30-L.M. 70.942 WB

STATE LAW
LEFT LANE FOR PASSING ONLY

RETAIN
SS30-L.M. 71.043WB

Gum Springs 3
Texarkana 65

INSTALL
ML30-3WB
L.M. 71.150

BRIDGE ICES BEFORE ROAD

REPLACE
SS30-L.M. 71.493WB

EXIT 73
8 26 51
Arkadelphia

REPLACE
ML30-73-4EB
L.M. 72.460

MILE 7 2

REPLACE
SS30-L.M. 72.000EB

Ouachita Bapt Univ
Henderson St Univ
EXIT 73

REPLACE
ML30-73-3EB
L.M. 72.230

HOSPITAL
EXIT 73
Baptist Health Med Ctr
Arkadelphia

REPLACE
ML30-73-2EB
L.M. 71.720

EXIT 73
8 26 51
Arkadelphia
1 MILE

REPLACE
ML30-73-1EB
L.M. 71.530

GAS - EXIT 73

NO TRUCK SERVICES

REPLACE
LG30-73EB
L.M. 71.210

MILE 7 1

REPLACE
SS30-L.M. 72.006WB

MILE 7 1

REPLACE
SS30-L.M. 71.061EB

FOOD - EXIT 73

NO TRUCK SERVICES

REPLACE
LF30-73EB
L.M. 71.030

EXIT 69
26 EAST
Gum Springs
1 MILE

REPLACE
ML30-69-1WB
L.M. 72.440

LODGING - EXIT 73

ATTRACTION - EXIT 73

REPLACE
LLA30-73EB
L.M. 70.760

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	50	98

SIGN PLACEMENT SHEET

CLARK CO, ROUTE I-30, SECT 14

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13566
DERIC M. WYATT
1-23-2023

N

GAS - EXIT 73
NO TRUCK SERVICES
RETAIN
LG30-73WB
L.M. 68.620

EXIT 73
8 26 51
Arkadelphia
1 MILE
RETAIN
ML30-73-1WB
L.M. 68.849

MILE 74
REPLACE
SS30-L.M. 69.005WB

Crater of Diamonds
State Park
EXIT 73
RETAIN
ML30-73-2WB
L.M. 69.070

MILE 74
INSTALL
SS30-L.M. 74.000EB

HOSPITAL
EXIT 73
Baptist Health Med Ctr
Arkadelphia
RETAIN
ML30-73-3WB
L.M. 69.540

STATE LAW
LEFT LANE FOR PASSING ONLY
RETAIN
SS30-L.M. 73.733EB

SPEED LIMIT 75
TRUCKS 70
RETAIN
SS30-L.M. 73.541EB

EXIT 73
8 26 51
Arkadelphia
REPLACE
ML30-73-4WB
L.M. 69.850

EAST
30
REPLACE
SS30-L.M. 73.350EB

EXIT 73
REPLACE
EXIT73-WB
L.M. 69.950

MILE 73
REPLACE
SS30-L.M. 70.018WB

REPLACE
SS30-L.M. 73.003EB

MILE 73
INSTALL
SS30-L.M. 73.010EB

REPLACE
SS30-L.M. 70.454WB

EXIT 73
REPLACE
EXIT73-EB
L.M. 72.560

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	51	98

SIGN PLACEMENT SHEET

CLARK CO, ROUTE I-30, SECT 14

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13944
DERIC M. WYATT

1-23-2023

N

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 76.650EB

EXIT 78
7
Caddo Valley
Hot Springs
1 MILE
TOURIST INFO
REPLACE
ML30-78-1EB
L.M. 76.350

GAS - EXIT 78
REPLACE
LG30-78EB
L.M. 76.070

FOOD - EXIT 78
REPLACE
LF30-78EB
L.M. 75.900

LODGING - EXIT 78
REPLACE
LL30-78EB
L.M. 75.750

EXIT 78
ATTRACTION - EXIT 78
RETAIN
LXA30-78EB
L.M. 75.528

MILE 7 6
INSTALL
SS30-L.M. 66.857WB

MILE 7 6
REPLACE
SS30-L.M. 76.005EB

AUTHORIZED VEHICLES ONLY
REPLACE-2EA
SS30-L.M. 75.270EB

MILE 7 5
REPLACE
SS30-L.M. 74.991EB

MILE 7 5
REPLACE
SS30-L.M. 68.009WB

LODGING - EXIT 73
ATTRACTION - EXIT 73
REPLACE
LLA30-73WB
L.M. 68.170

FOOD - EXIT 73
NO TRUCK SERVICES
REPLACE
LF30-73WB
L.M. 68.330

DATE REVISED	DATE REVISED	FED RD DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	52	98

SIGN PLACEMENT SHEET

CLARK CO, ROUTE I-30, SECT 14

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12846
DERIC M. WYATT

1-23-2023

N

Hot Springs Natl Park
DeGray Lk Resort St Pk
EXIT 78

REPLACE
ML30-78-5WB
L.M. 64.700

EXIT 78
7
Caddo Valley
Hot Springs
1 MILE
TOURIST INFO

REPLACE
ML30-78-3WB
L.M. 64.120

Henderson St Univ
Ouachita Bapt Univ
EXIT 78

REPLACE
ML30-78-4WB
L.M. 64.470

MILE 79

INSTALL
SS30-L.M. 63.897WB

MILE 79

INSTALL
SS30-L.M. 79.000EB

SPEED LIMIT 75
TRUCKS 70

RETAIN
SS30-L.M. 78.563EB

EXIT 78
7
Caddo Valley
Arkadelphia
Hot Springs

REPLACE
ML30-78-6WB
L.M.64.990

REPLACE
SS30-L.M. 64.948WB

MILE 78

STATE LAW
LEFT LANE FOR PASSING ONLY

RETAIN
SS30-L.M. 78.263EB

Friendship 5
Little Rock 63

REPLACE
ML30-83-2EB
L.M. 78.350

EXIT 78

REPLACE
EXIT78-WB
L.M. 65.153

EAST 30

REPLACE
SS30-L.M. 78.086EB

CHECK TRAVEL CONDITIONS AT
IDRIVE ARKANSAS.COM
ARKANSAS DEPARTMENT OF TRANSPORTATION

REPLACE & INSTALL (2EA)
SS30-L.M. 65.048WB

BRIDGE ICES BEFORE ROAD

REPLACE
SS30-L.M. 65.181WB

MILE 78

REPLACE
SS30-L.M. 78.048EB

REPLACE
SS30-L.M. 77.758EB

RETAIN
ML30-83-1EB
L.M. 78.185

REPLACE
SS30-L.M. 65.697WB

BRIDGE ICES BEFORE ROAD

INSTALL
SS30-L.M. 65.371WB

BRIDGE ICES BEFORE ROAD

REPLACE
SS30-L.M. 77.454EB

REPLACE
SS30-L.M. 65.762WB

WEST 30

INSTALL
SS30-L.M. 65.857WB

MILE 77

EXIT 78

RETAIN
EXIT78-EB
L.M. 77.340

SPEED LIMIT 75
TRUCKS 70

RETAIN
SS30-L.M. 65.901

EXIT 78
7
Caddo Valley
Hot Springs

RETAIN
ML30-78-4EB
L.M. 77.222

Caddo River

REPLACE
ML30-73-5WB
L.M. 65.905

REPLACE & INSTALL 2EA
SS30-L.M. 77.171EB

MILE 77

INSTALL
SS30-L.M. 77.000EB

Hot Springs Natl Park
DeGray Lk Resort St Pk
EXIT 78

STATE LAW
LEFT LANE FOR PASSING ONLY

Caddo River

RETAIN
SS30-L.M. 66.150WB

REPLACE
ML30-78-2EB
L.M. 76.840

REPLACE
ML30-78-3EB
L.M. 77.020

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	53	98

SIGN PLACEMENT SHEET

CLARK CO, ROUTE I-30, SECT 14

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13564
DARIAC M. WYATT

1-23-2023

N

Clark Co
RETAIN
ML30-78-7WB
L.M. 62.311

RETAIN
SS30-L.M. 62.606WB

REPLACE
SS30-L.M. 62.897WB

- EXIT 78
ATTRACTION-EXIT 78
REPLACE
LXA30-78WB
L.M. 63.250

LODGING - EXIT 78
REPLACE
LL30-78WB
L.M. 63.400

FOOD - EXIT 78
REPLACE
LF30-78WB
L.M. 63.550

GAS - EXIT 78
REPLACE
LG30-78WB
L.M. 63.700

Arkadelphia
NEXT 2 EXITS
REPLACE
ML30-78-2WB
L.M. 63.840

MILE 79
INSTALL
SS30-L.M. 63.897WB

MILE 79
INSTALL
SS30-L.M. 79.000EB

Hot Spring Co
RETAIN
ML30-83-5EB
L.M. 80.537

BRIDGE ICES BEFORE ROAD
REPLACE
SS30-L.M. 80.493EB

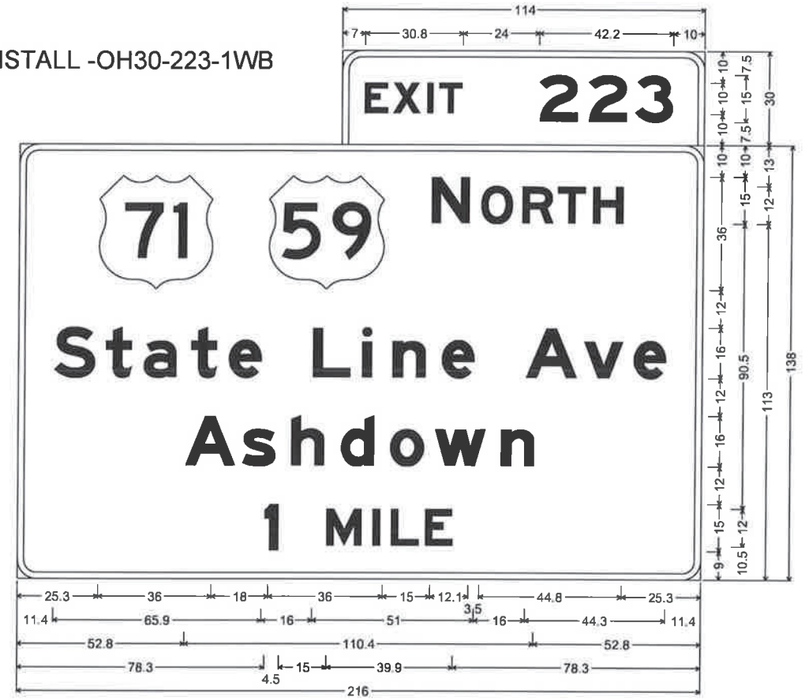
AUTHORIZED VEHICLES ONLY
REPLACE-2EA
SS30-L.M. 80.161EB

MILE 80
REPLACE
SS30-L.M. 80.094EB

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	54	98
		SIGN LAYOUT SHEET				

OH-30-46-17

INSTALL -OH30-223-1WB



OH30-223-1WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "223", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"N", E Mod 2K; "ORTH", E Mod 2K; "State Line Ave", E Mod 2K; "Ashdown", E Mod 2K;
"1", E Mod 2K; "MILE", E Mod 2K;

INSTALL -OH30-1-2WB

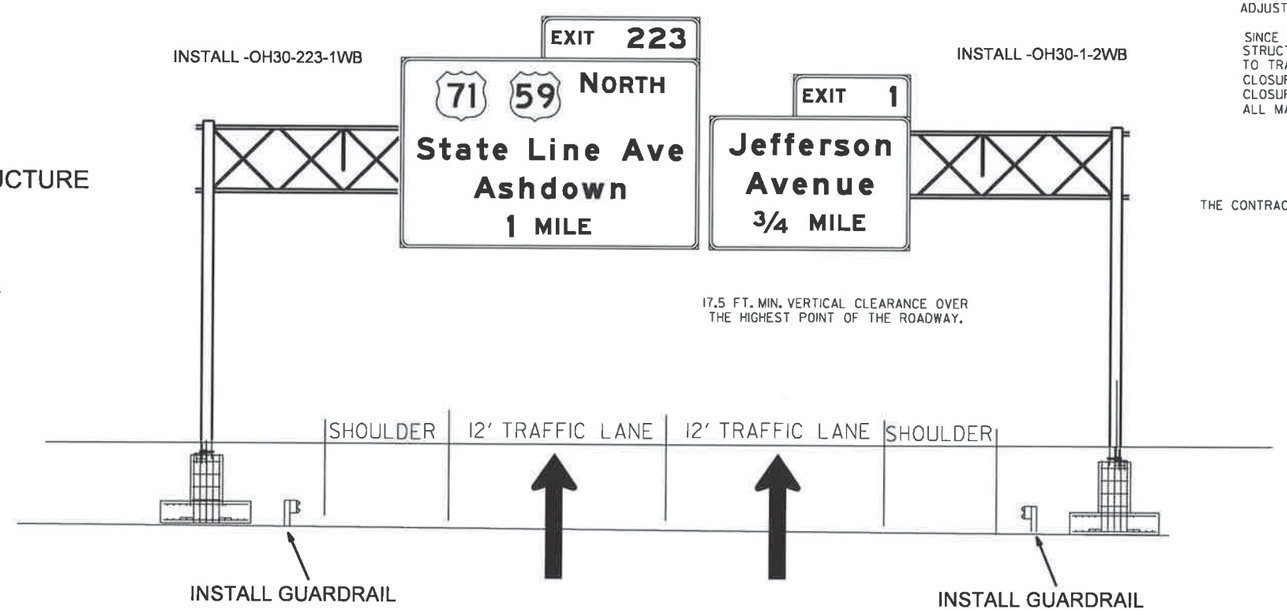


OH30-1-2WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "1", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Jefferson", E Mod 2K; "Avenue", E Mod 2K; "¾", E Mod 2K;
"MILE", E Mod 2K;

OH-30-46-17
INSTALL OVERHEAD STRUCTURE
141.113 WB

SEE OVERHEAD SIGN STRUCTURE
DETAILS FOR DESIGN SPECIFICATIONS.



NOTES:
THE CONTRACTOR SHALL FIELD VERIFY SIGN PLACEMENT AND MAKE ANY ADJUSTMENTS NECESSARY TO ALIGN SIGNS OVER INTENDED LANES.

SINCE THE CONTRACTOR WILL BE REQUIRED TO INSTALL OVERHEAD SIGNS ON STRUCTURES WHICH ARE LOCATED OVER THE ROADWAYS WHICH ARE CURRENTLY OPEN TO TRAFFIC, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE LANE CLOSURES AS A PART OF TRAFFIC CONTROL. PAYMENT FOR PROVIDING LANE CLOSURES WILL BE PAID SUBSIDIARY TO THE PAY ITEM "MAINTENANCE OF TRAFFIC". ALL MAINTENANCE OF TRAFFIC WORK MUST CONFORM WITH THE MUTCD.

THE CONTRACTOR SHALL FIELD VERIFY OVERHEAD PLACEMENT WITH RE AND MAKE ANY ADJUSTMENTS NECESSARY DUE TO OVERHEAD POWER LINES.

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	55	98
		SIGN LAYOUT SHEET				

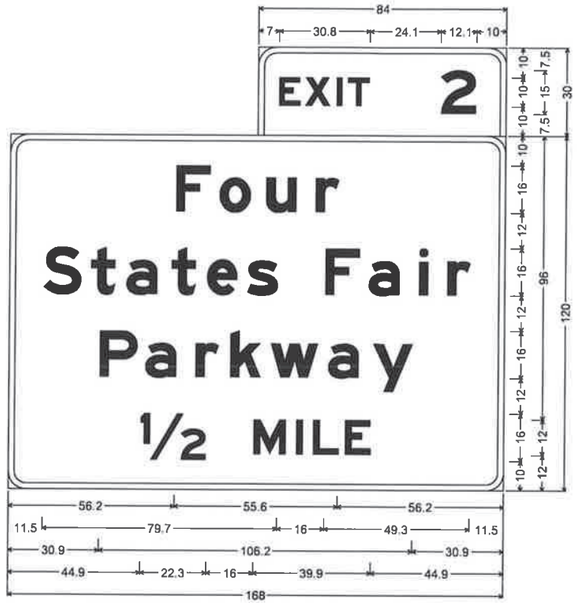
OH-30-46-04



OH30-3-1EB;

6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "3", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Houston", E Mod 2K; "Shreveport", E Mod 2K; "Ft Smith", E Mod 2K;
"1", E Mod 2K; "½", E Mod 2K; "MILE", E Mod 2K;



OH30-2-1EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "2", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Four", E Mod 2K; "States Fair", E Mod 2K; "Parkway", E Mod 2K;
"½", E Mod 2K; "MILE", E Mod 2K;

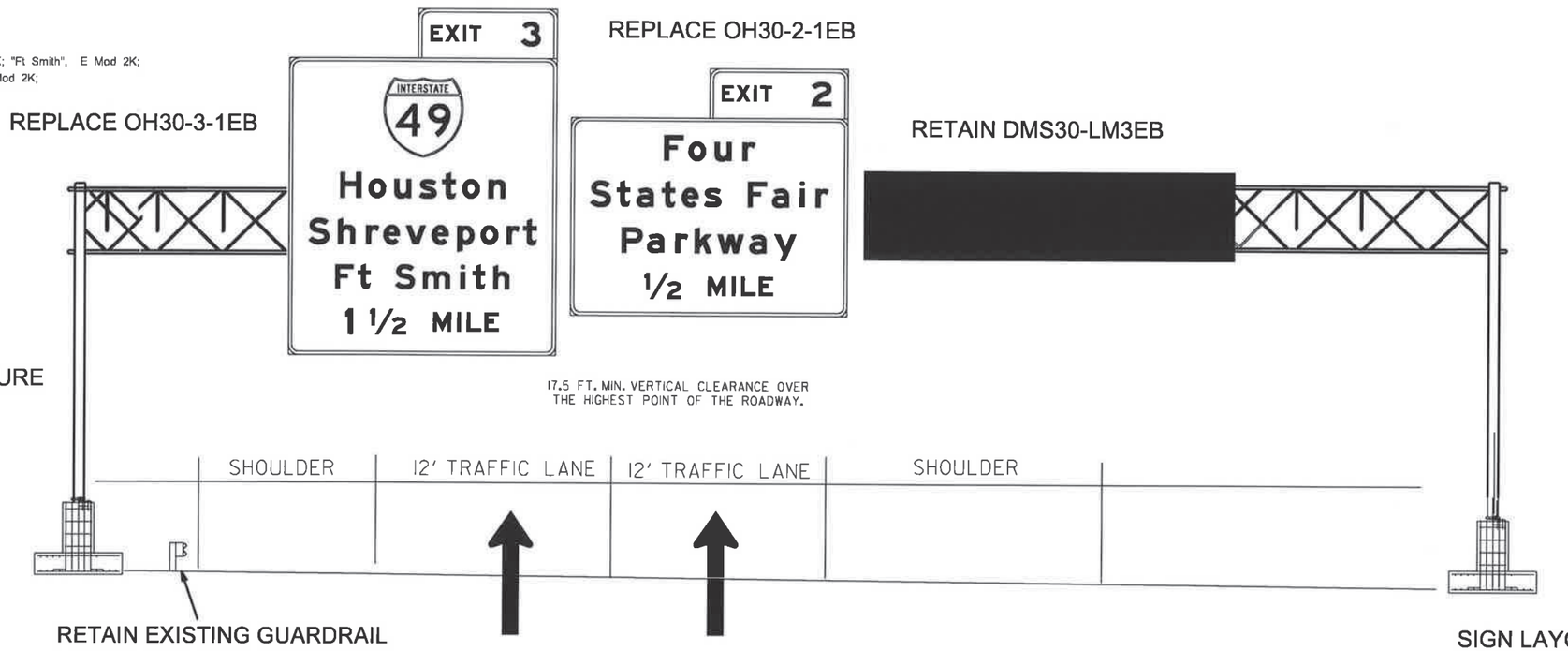
NOTES:
THE CONTRACTOR SHALL FIELD VERIFY SIGN PLACEMENT AND MAKE ANY ADJUSTMENTS NECESSARY TO ALIGN SIGNS OVER INTENDED LANES.

SINCE THE CONTRACTOR WILL BE REQUIRED TO INSTALL OVERHEAD SIGNS ON STRUCTURES WHICH ARE LOCATED OVER THE ROADWAYS WHICH ARE CURRENTLY OPEN TO TRAFFIC, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE LANE CLOSURES AS A PART OF TRAFFIC CONTROL. PAYMENT FOR PROVIDING LANE CLOSURES WILL BE PAID SUBSIDIARY TO THE PAY ITEM "MAINTENANCE OF TRAFFIC". ALL MAINTENANCE OF TRAFFIC WORK MUST CONFORM WITH THE MUTCD.

REPLACE OH30-3-1EB

REPLACE OH30-2-1EB

RETAIN DMS30-LM3EB



OH-30-46-04
RETAIN
OVERHEAD STRUCTURE
1.290 EB

THE CONTRACTOR SHALL FIELD VERIFY OVERHEAD PLACEMENT WITH RE AND MAKE ANY ADJUSTMENTS NECESSARY DUE TO OVERHEAD POWER LINES AND MEDIAN WALL BARRIER.

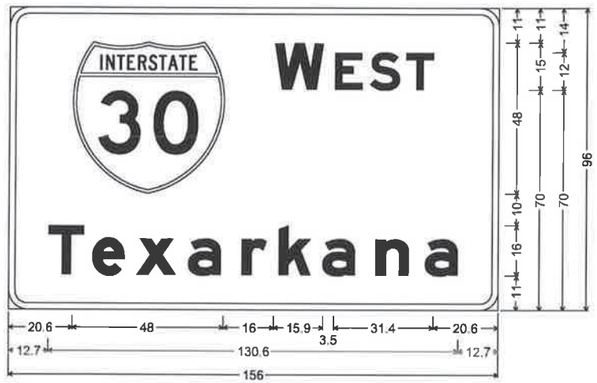
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	56	98
		SIGN LAYOUT SHEET				

OH-30-29-07



OH30-31-2WB;
6.0" Radius, 2.0" Border, White on Green;
"W", E Mod 2K; "EST", E Mod 2K; "Texarkana", E Mod 2K;



OH30-30-1WB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "30", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Hope", E Mod 2K; "Nashville", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;



OH30-31-1WB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "31", E Mod 2K;

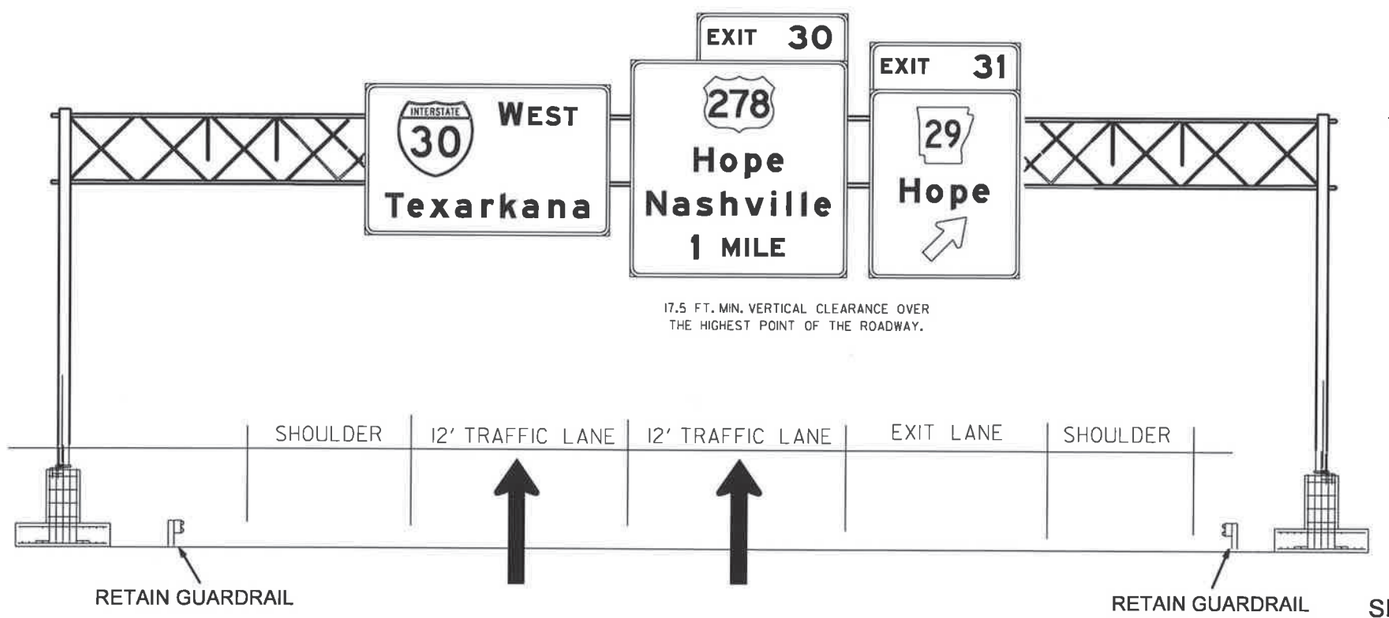
6.0" Radius, 2.0" Border, White on Green;
"Hope", E Mod 2K;
Arrow Custom - 35.8" 45°;

NOTES:
THE CONTRACTOR SHALL FIELD VERIFY SIGN PLACEMENT AND MAKE ANY ADJUSTMENTS NECESSARY TO ALIGN SIGNS OVER INTENDED LANES.

SINCE THE CONTRACTOR WILL BE REQUIRED TO INSTALL OVERHEAD SIGNS ON STRUCTURES WHICH ARE LOCATED OVER THE ROADWAYS WHICH ARE CURRENTLY OPEN TO TRAFFIC, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE LANE CLOSURES AS A PART OF TRAFFIC CONTROL. PAYMENT FOR PROVIDING LANE CLOSURES WILL BE PAID SUBSIDIARY TO THE PAY ITEM "MAINTENANCE OF TRAFFIC". ALL MAINTENANCE OF TRAFFIC WORK MUST CONFORM WITH THE MUTCD.

OH-30-29-07
RETAIN OVERHEAD STRUCTURE
111.730 WB

REPLACE OH30-31-2WB REPLACE OH30-30-1WB REPLACE OH30-31-1WB



THE CONTRACTOR SHALL FIELD VERIFY OVERHEAD PLACEMENT WITH RE AND MAKE ANY ADJUSTMENTS NECESSARY DUE TO OVERHEAD POWER LINES.

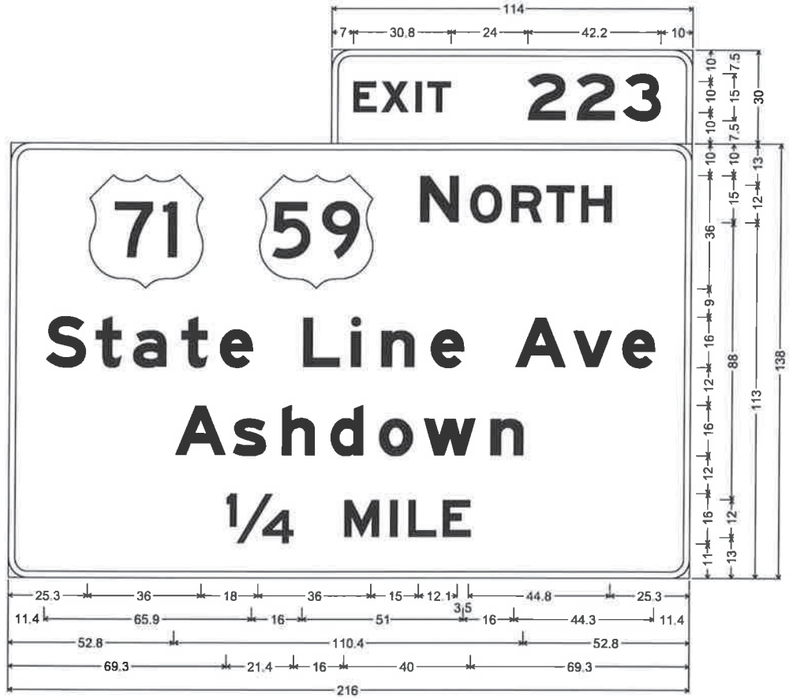
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	57	98
		SIGN LAYOUT SHEET				

OH-30-46-03



OH30-223-2WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "223", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"N", E Mod 2K; "ORTH", E Mod 2K; "State Line Ave", E Mod 2K; "Ashdown", E Mod 2K;
"1/4", E Mod 2K; "MILE", E Mod 2K;



OH30-1-1WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "1", E Mod 2K;

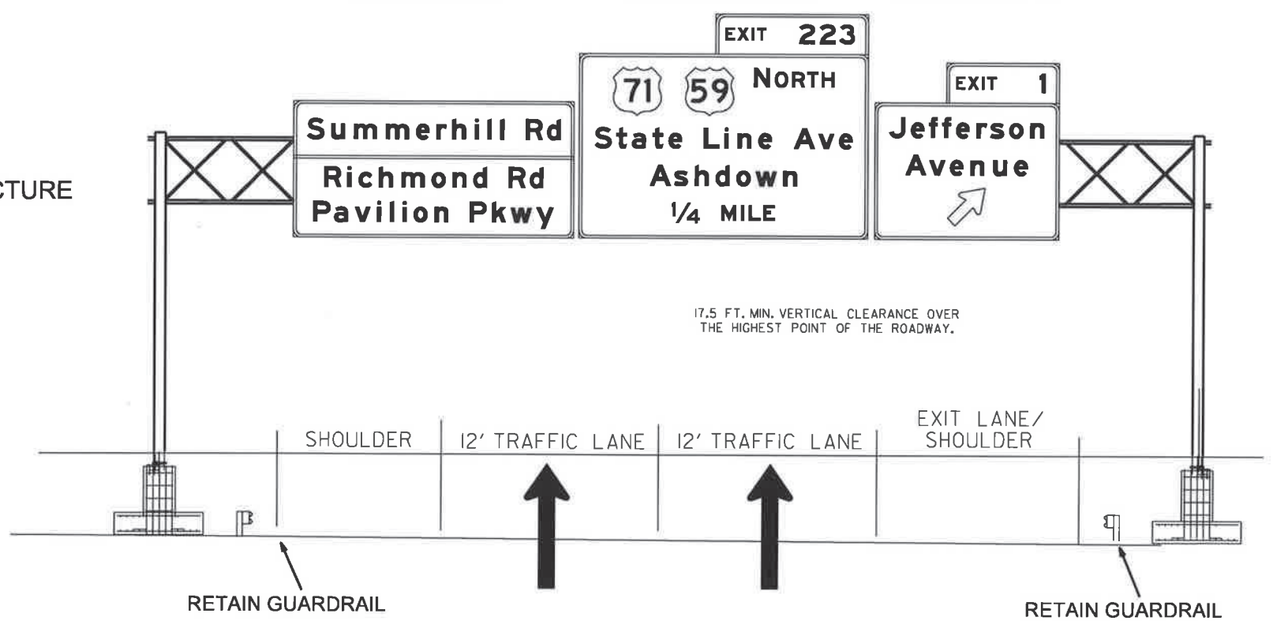
6.0" Radius, 2.0" Border, White on Green;
"Jefferson", E Mod 2K; "Avenue", E Mod 2K;
Arrow Custom - 35.8" 45°;

NOTES:
THE CONTRACTOR SHALL FIELD VERIFY SIGN PLACEMENT AND MAKE ANY ADJUSTMENTS NECESSARY TO ALIGN SIGNS OVER INTENDED LANES.

SINCE THE CONTRACTOR WILL BE REQUIRED TO INSTALL OVERHEAD SIGNS ON STRUCTURES WHICH ARE LOCATED OVER THE ROADWAYS WHICH ARE CURRENTLY OPEN TO TRAFFIC, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE LANE CLOSURES AS A PART OF TRAFFIC CONTROL. PAYMENT FOR PROVIDING LANE CLOSURES WILL BE PAID SUBSIDIARY TO THE PAY ITEM "MAINTENANCE OF TRAFFIC". ALL MAINTENANCE OF TRAFFIC WORK MUST CONFORM WITH THE MUTCD.

OH-30-46-03
RETAIN OVERHEAD STRUCTURE
141.810 WB

RETAIN TXDOT SIGN | REPLACE OH30-223-2WB | REPLACE OH30-1-1WB



THE CONTRACTOR SHALL FIELD VERIFY OVERHEAD PLACEMENT WITH RE AND MAKE ANY ADJUSTMENTS NECESSARY DUE TO OVERHEAD POWER LINES.

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED.RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	58	98
		SIGN LAYOUT SHEET				

OC-30-46-07



OC30-WC-1EB;
6.0" Radius, 2.0" Border, White on Blue;
"REST AREA", E Mod 2K; "Arkansas Welcome", E Mod 2K; "Center", E Mod 2K;

6.0" Radius, 2.0" Border, Black on Yellow;
"EXIT", E Mod 2K; Down Arrow 22.0" 270°; "ONLY", E Mod 2K;

NOTES:
THE CONTRACTOR SHALL FIELD VERIFY SIGN PLACEMENT AND MAKE ANY ADJUSTMENTS NECESSARY TO ALIGN SIGNS OVER INTENDED LANES.

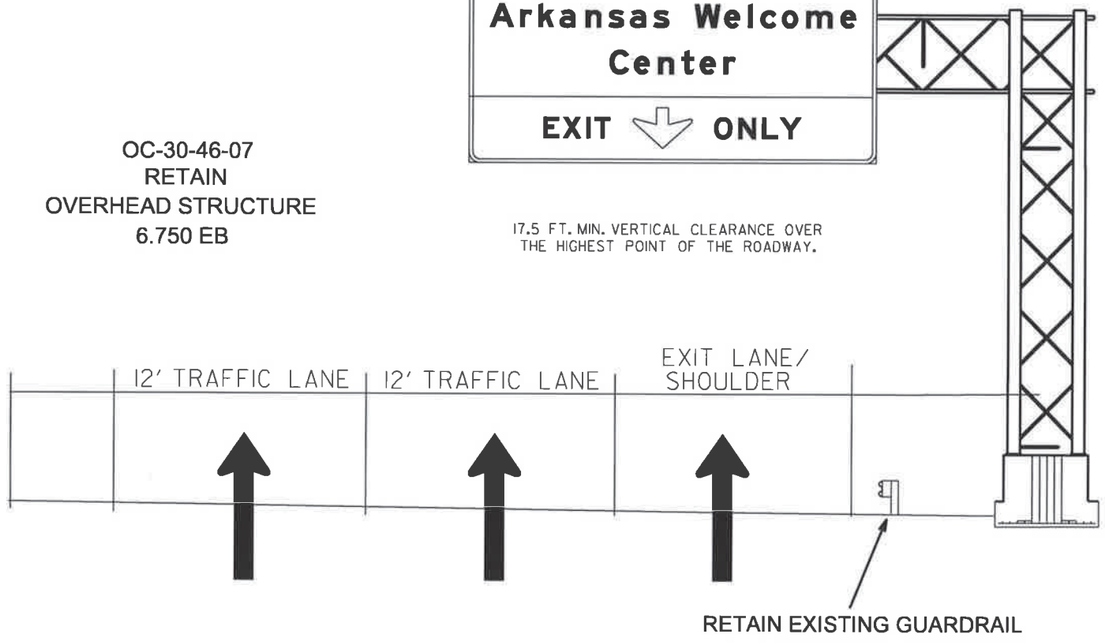
SINCE THE CONTRACTOR WILL BE REQUIRED TO INSTALL OVERHEAD SIGNS ON STRUCTURES WHICH ARE LOCATED OVER THE ROADWAYS WHICH ARE CURRENTLY OPEN TO TRAFFIC, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE LANE CLOSURES AS A PART OF TRAFFIC CONTROL. PAYMENT FOR PROVIDING LANE CLOSURES WILL BE PAID SUBSIDIARY TO THE PAY ITEM "MAINTENANCE OF TRAFFIC". ALL MAINTENANCE OF TRAFFIC WORK MUST CONFORM WITH THE MUTCD.

REPLACE OC30-WC-1EB



OC-30-46-07
RETAIN
OVERHEAD STRUCTURE
6.750 EB

17.5 FT. MIN. VERTICAL CLEARANCE OVER THE HIGHEST POINT OF THE ROADWAY.



THE CONTRACTOR SHALL FIELD VERIFY OVERHEAD PLACEMENT WITH RE AND MAKE ANY ADJUSTMENTS NECESSARY DUE TO OVERHEAD POWER LINES AND MEDIAN WALL BARRIER.

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	59	98
		SIGN LAYOUT SHEET				

OC-30-46-08



OC30-WC-2EB;
6.0" Radius, 2.0" Border, White on Blue;
"REST AREA", E Mod 2K; "Arkansas Welcome", E Mod 2K; "Center", E Mod 2K;

6.0" Radius, 2.0" Border, Black on Yellow;
"EXIT", E Mod 2K; Arrow Custom - 35.8" 45°; "ONLY", E Mod 2K;

NOTES:
THE CONTRACTOR SHALL FIELD VERIFY SIGN PLACEMENT AND MAKE ANY ADJUSTMENTS NECESSARY TO ALIGN SIGNS OVER INTENDED LANES.

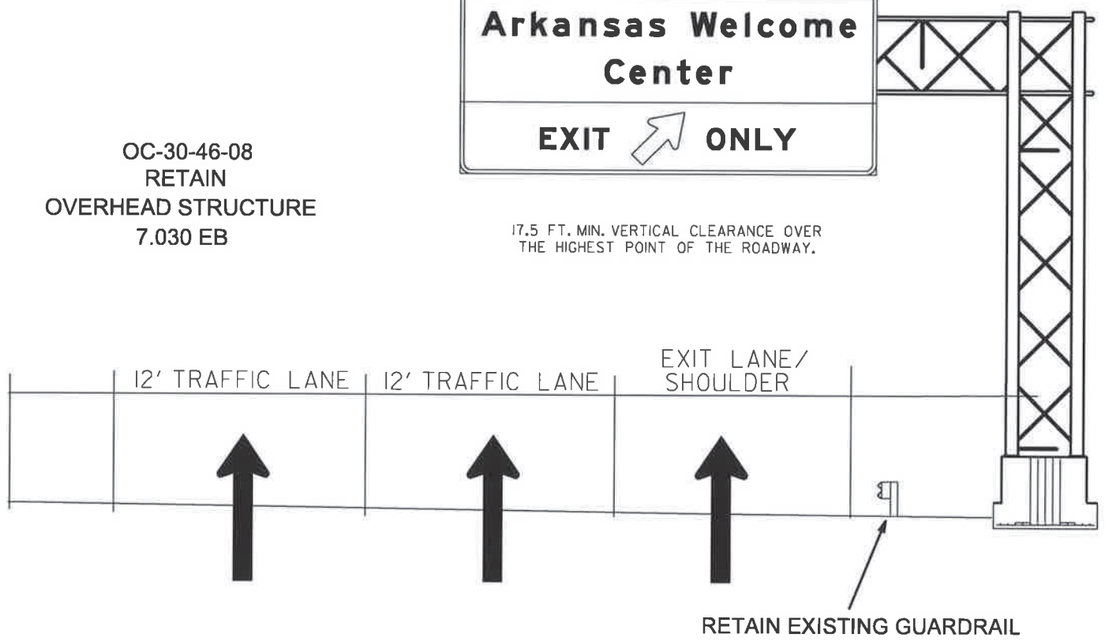
SINCE THE CONTRACTOR WILL BE REQUIRED TO INSTALL OVERHEAD SIGNS ON STRUCTURES WHICH ARE LOCATED OVER THE ROADWAYS WHICH ARE CURRENTLY OPEN TO TRAFFIC, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE LANE CLOSURES AS A PART OF TRAFFIC CONTROL. PAYMENT FOR PROVIDING LANE CLOSURES WILL BE PAID SUBSIDIARY TO THE PAY ITEM "MAINTENANCE OF TRAFFIC". ALL MAINTENANCE OF TRAFFIC WORK MUST CONFORM WITH THE MUTCD.

REPLACE OC30-WC-2EB



OC-30-46-08
RETAIN
OVERHEAD STRUCTURE
7.030 EB

17.5 FT. MIN. VERTICAL CLEARANCE OVER THE HIGHEST POINT OF THE ROADWAY.



THE CONTRACTOR SHALL FIELD VERIFY OVERHEAD PLACEMENT WITH RE AND MAKE ANY ADJUSTMENTS NECESSARY DUE TO OVERHEAD POWER LINES AND MEDIAN WALL BARRIER.

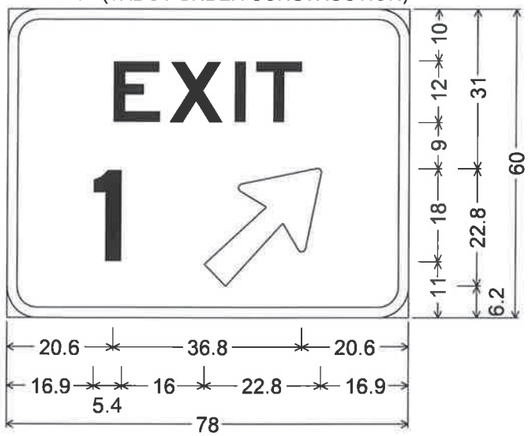
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

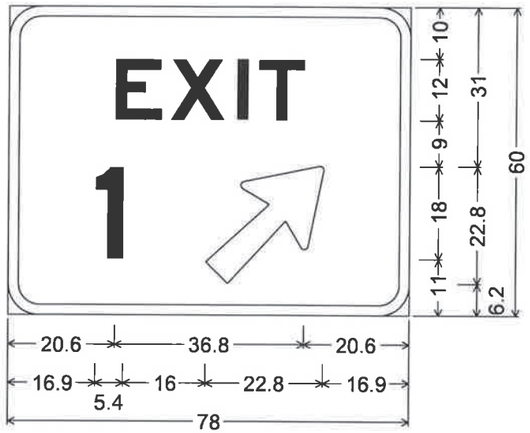
SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	60	98
		SIGN LAYOUT SHEET				

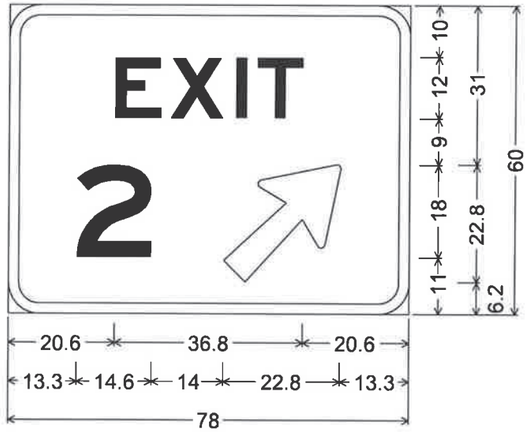
RETAIN (TXDOT UNDER CONSTRUCTION)



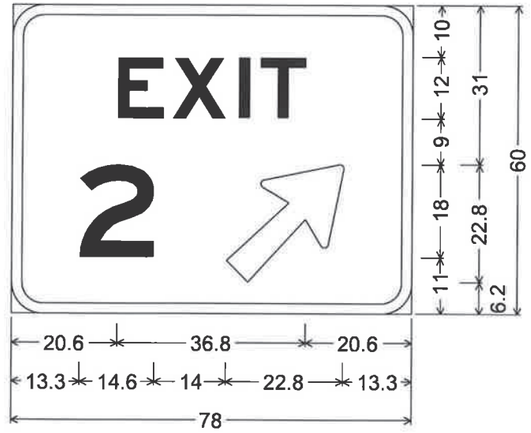
EXIT1-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "1", E 2K;
Arrow Custom - 29.0" 45°;



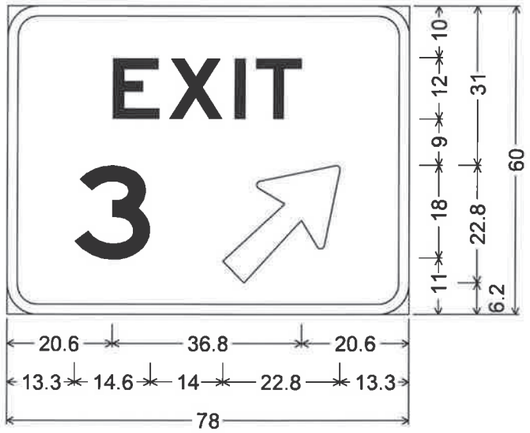
EXIT1-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "1", E 2K;
Arrow Custom - 29.0" 45°;



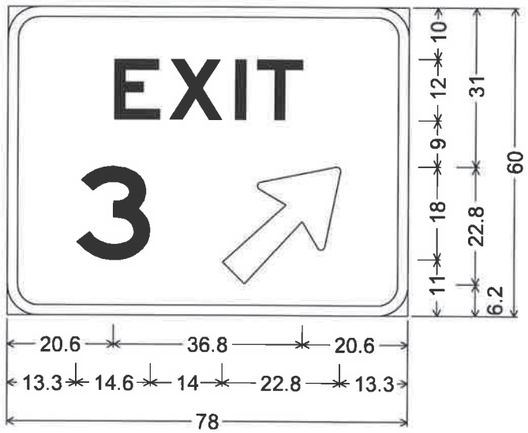
EXIT2-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "2", E 2K;
Arrow Custom - 29.0" 45°;



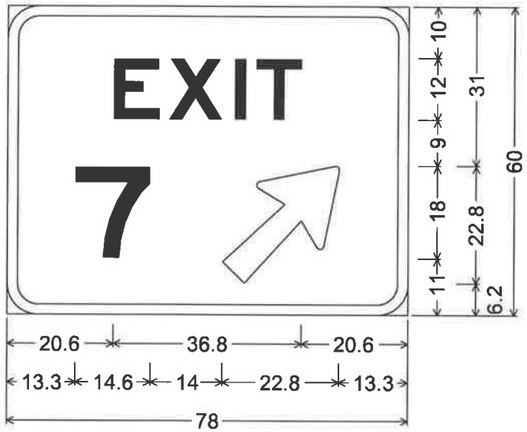
EXIT2-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "2", E 2K;
Arrow Custom - 29.0" 45°;



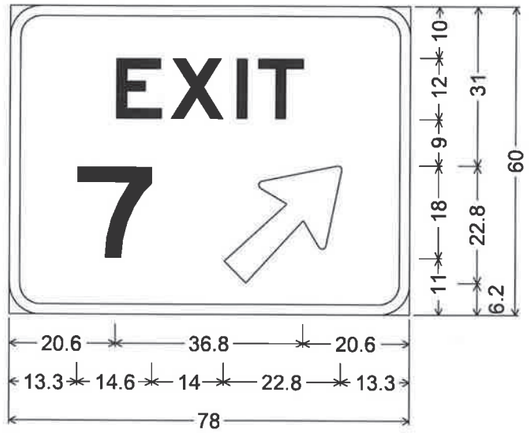
EXIT3-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "3", E 2K;
Arrow Custom - 29.0" 45°;



EXIT3-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "3", E 2K;
Arrow Custom - 29.0" 45°;



EXIT7-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "7", E 2K;
Arrow Custom - 29.0" 45°;



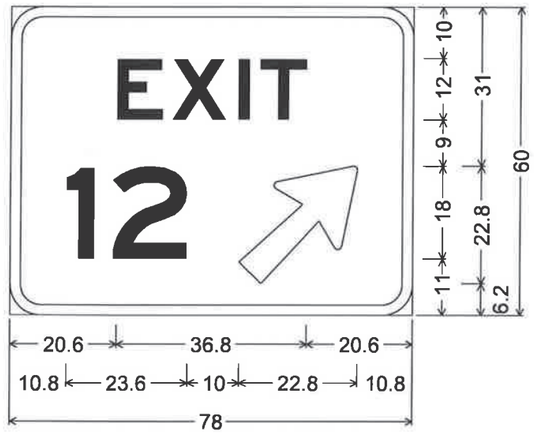
EXIT7-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "7", E 2K;
Arrow Custom - 29.0" 45°;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

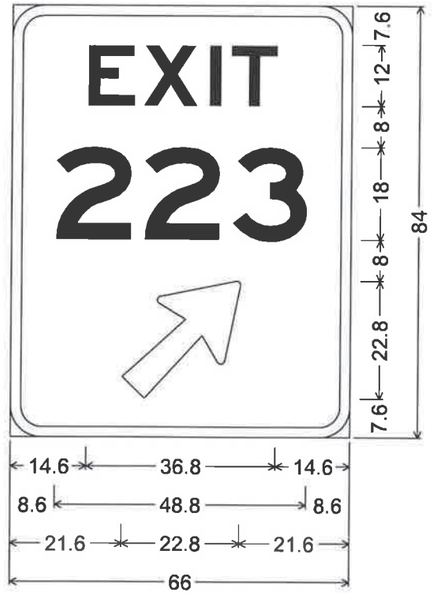
SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	61	98
		SIGN LAYOUT SHEET				

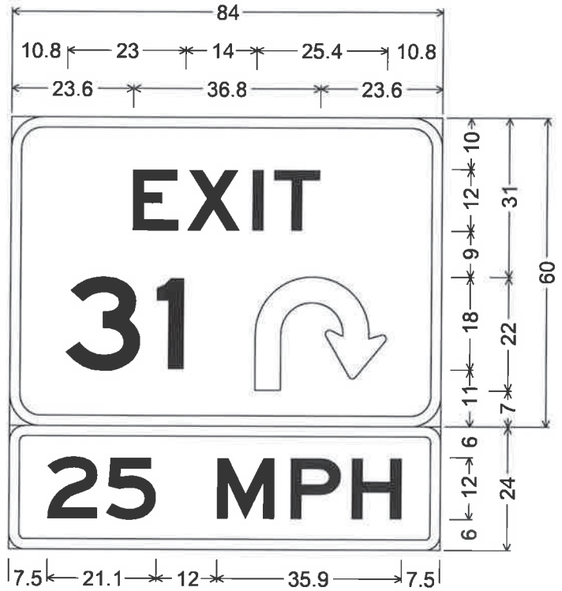


EXIT12-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "12", E 2K;
Arrow Custom - 29.0" 45°;

RETAIN (TXDOT UNDER CONSTRUCTION)

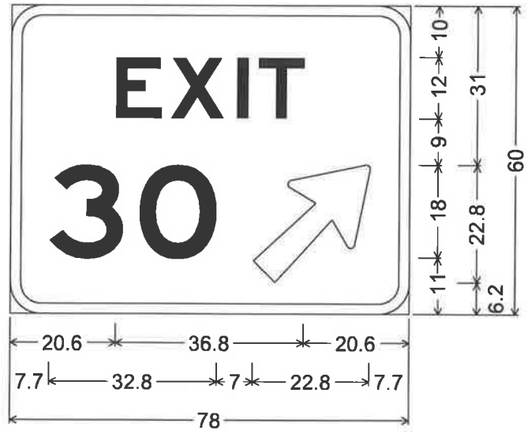


EXIT223-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "223", E 2K;
Arrow Custom - 29.0" 45°;

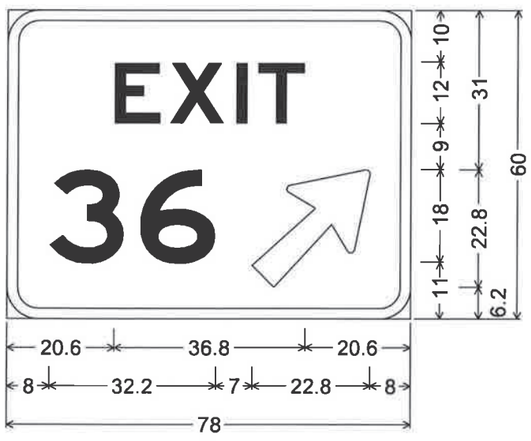


EXIT31-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "31", E 2K;
Turn Arrow Custom;

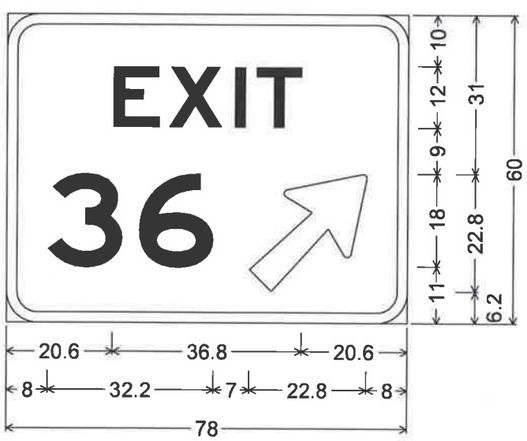
3.0" Radius, 2.0" Border, Black on Yellow;
"25 MPH", E 2K;



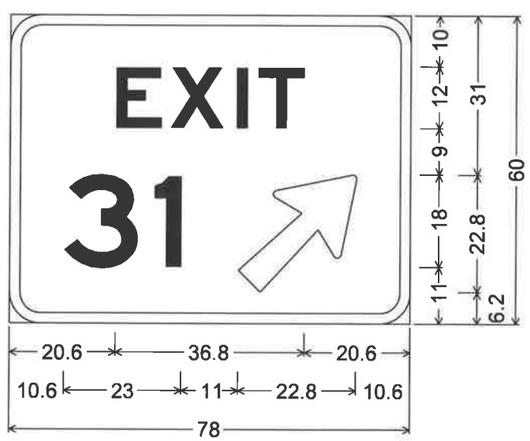
EXIT30-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "30", E 2K;
Arrow Custom - 29.0" 45°;



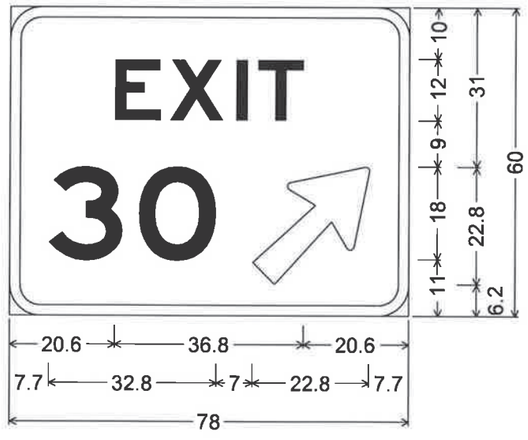
EXIT36-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "36", E 2K;
Arrow Custom - 29.0" 45°;



EXIT36-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "36", E 2K;
Arrow Custom - 29.0" 45°;



EXIT31-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "31", E 2K;
Arrow Custom - 29.0" 45°;



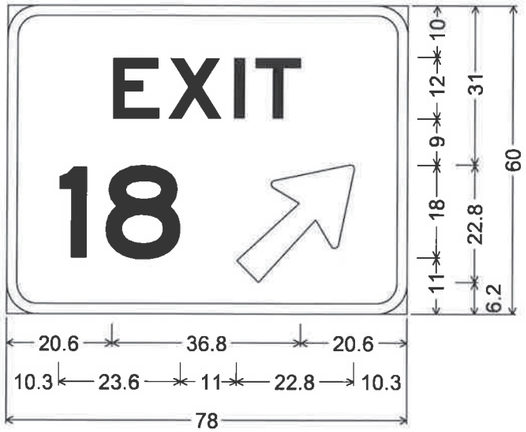
EXIT30-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "30", E 2K;
Arrow Custom - 29.0" 45°;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
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DERIC M. WYATT

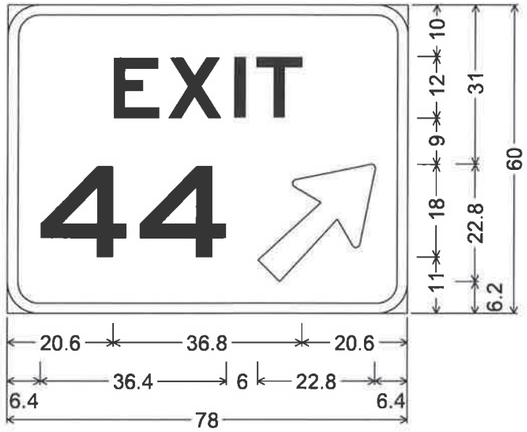
1-23-2023

SIGN LAYOUT SHEET

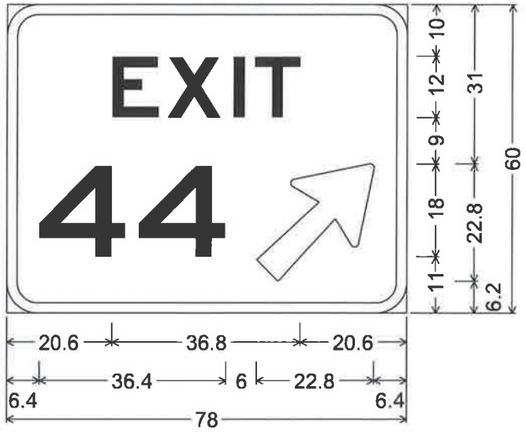
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	62	98
		SIGN LAYOUT SHEET				



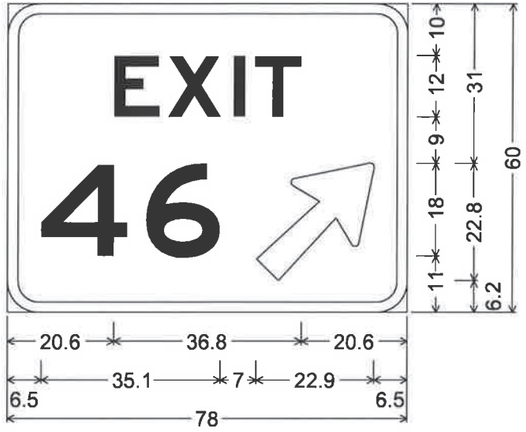
EXIT18-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "18", E 2K;
Arrow Custom - 29.0" 45°;



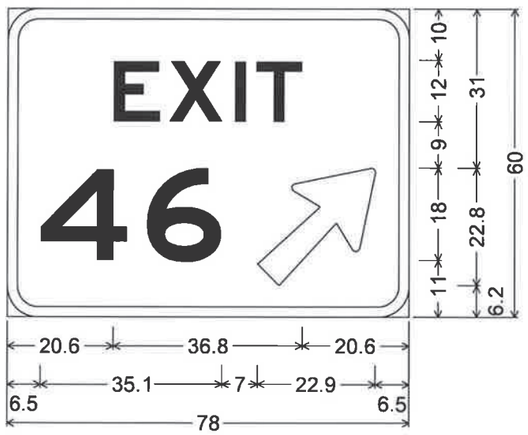
EXIT44-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "44", E 2K;
Arrow Custom - 29.0" 45°;



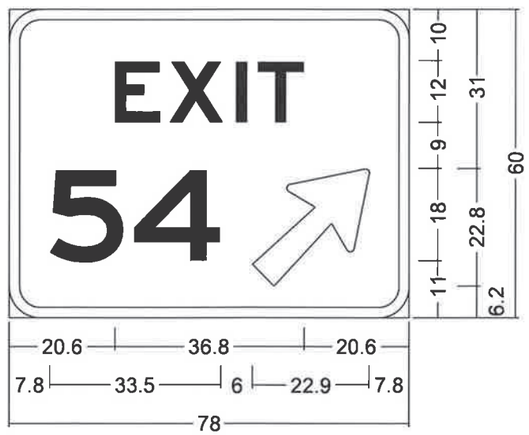
EXIT44-WB;
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Arrow Custom - 29.0" 45°;



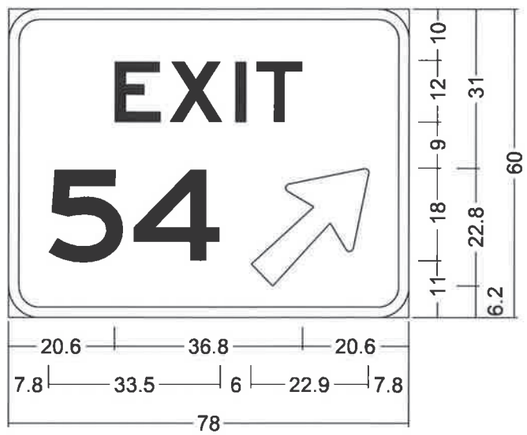
EXIT46-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "46", E 2K;
Arrow Custom - 29.0" 45°;



EXIT46-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "46", E 2K;
Arrow Custom - 29.0" 45°;



EXIT54-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "54", E 2K;
Arrow Custom - 29.0" 45°;

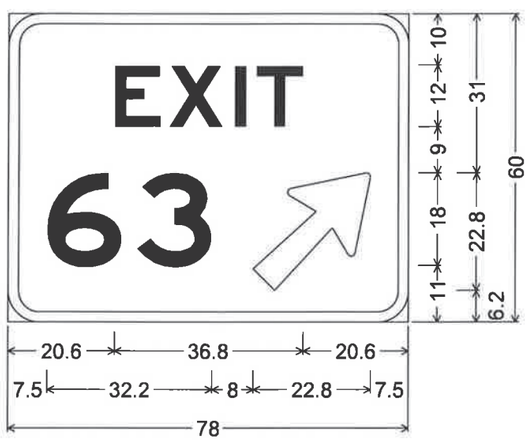


EXIT54-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "54", E 2K;
Arrow Custom - 29.0" 45°;

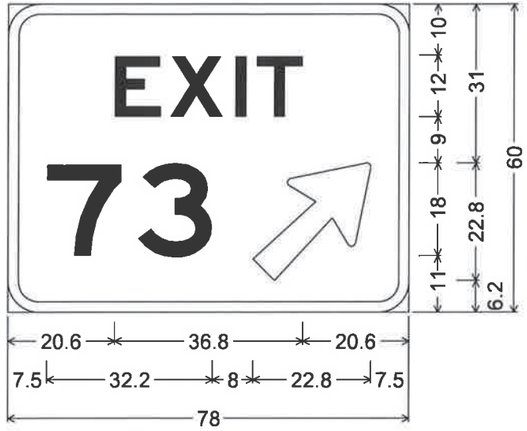


1-23-2023

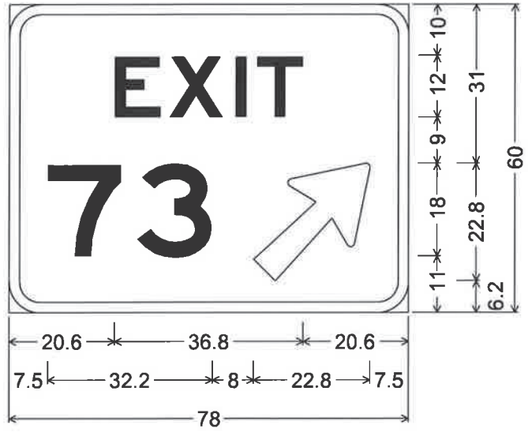
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	63	98
		SIGN LAYOUT SHEET				



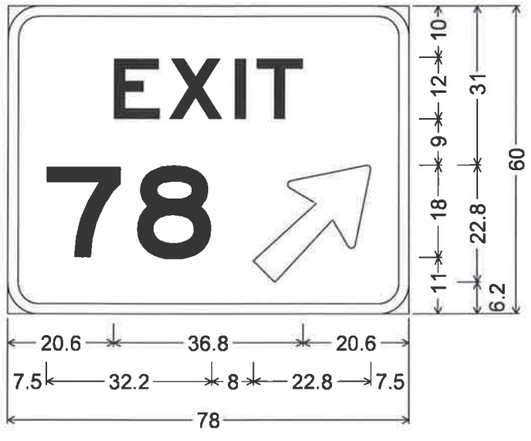
EXIT63-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "63", E 2K;
Arrow Custom - 29.0" 45°;



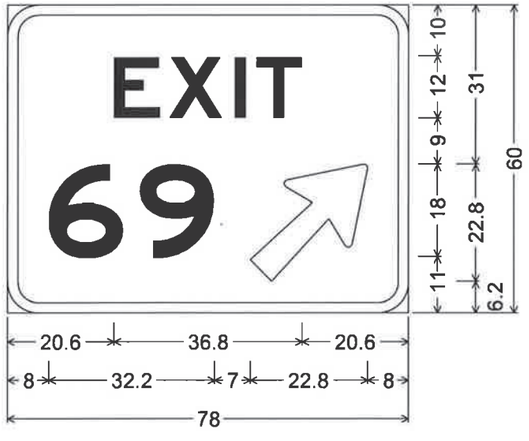
EXIT73-EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "73", E 2K;
Arrow Custom - 29.0" 45°;



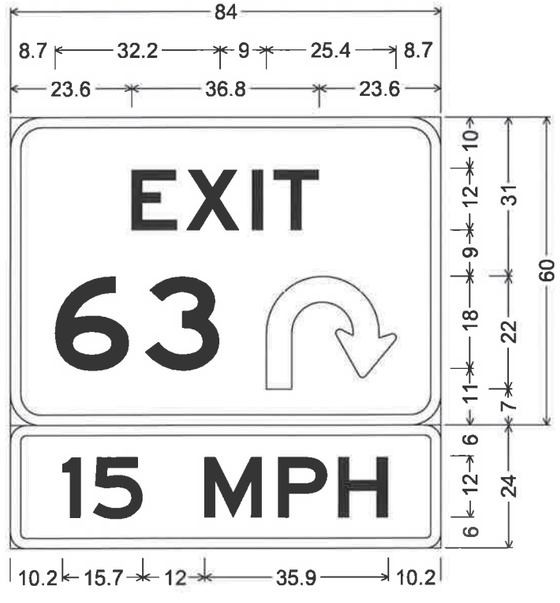
EXIT73-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "73", E 2K;
Arrow Custom - 29.0" 45°;



EXIT78-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "78", E 2K;
Arrow Custom - 29.0" 45°;



EXIT69-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "69", E 2K;
Arrow Custom - 29.0" 45°;



EXIT63-WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E 2K; "63", E 2K;
Turn Arrow Custom;

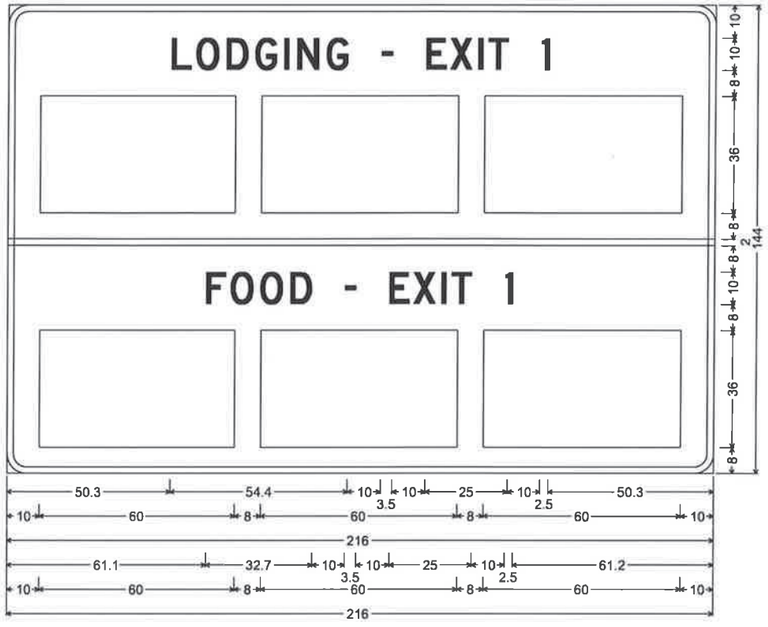
3.0" Radius, 2.0" Border, Black on Yellow;
"15 MPH", E 2K;

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No. 13856
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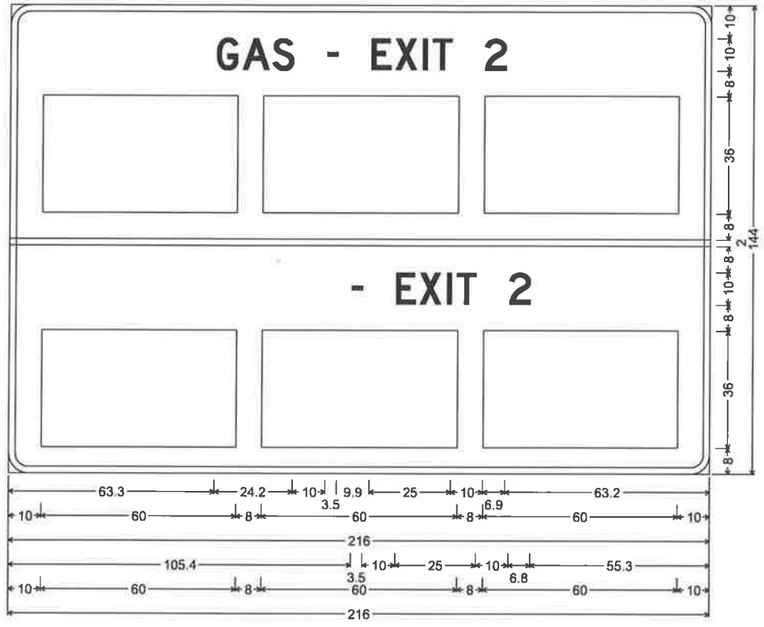
1-23-2023

SIGN LAYOUT SHEET

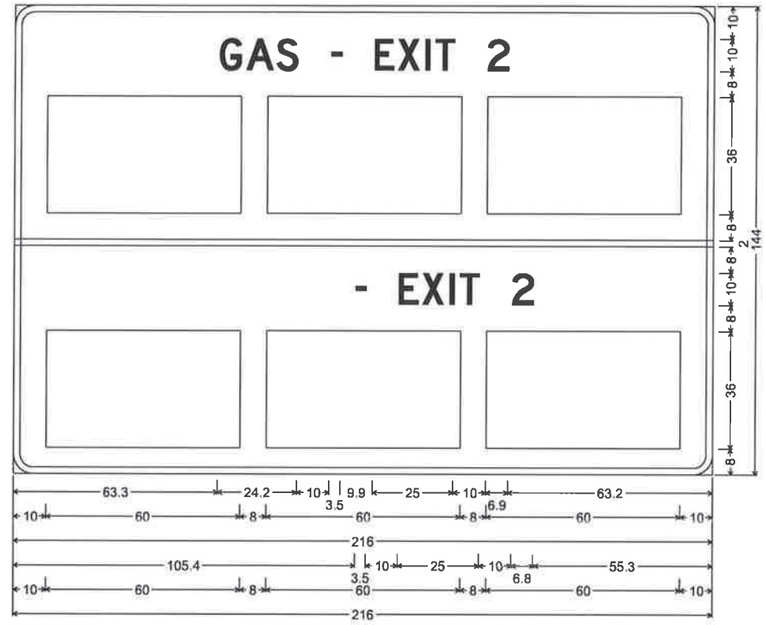
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	64	98
		SIGN LAYOUT SHEET				



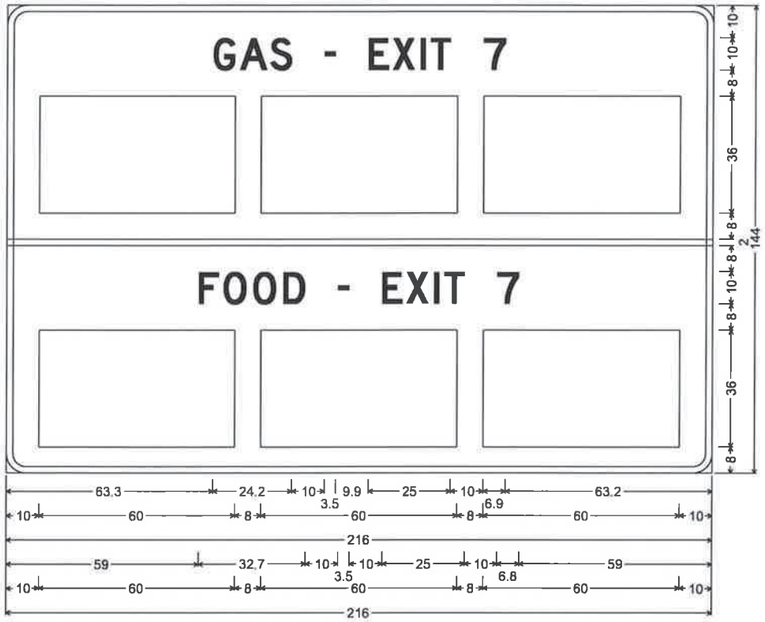
LLF30-1WB;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 1", D 2K; "FOOD - EXIT 1", D 2K;



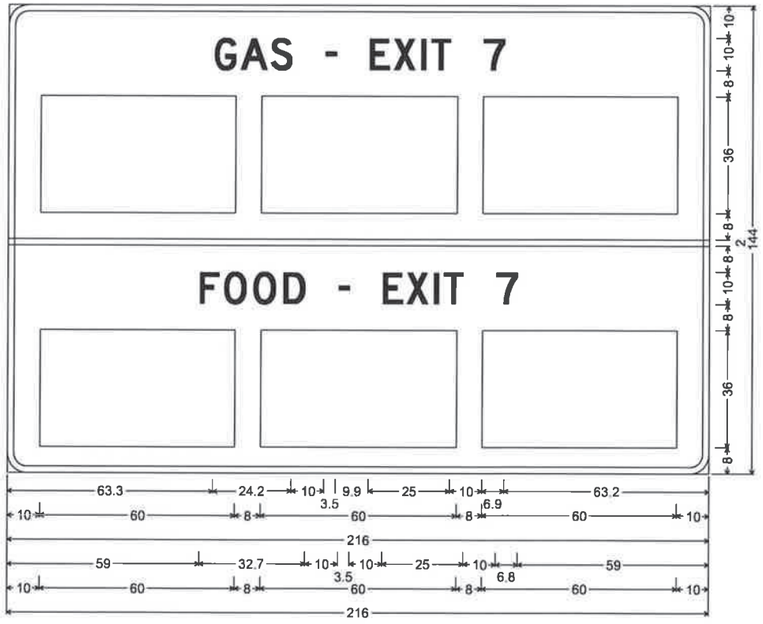
LGX30-2EB;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 2", D 2K; " - EXIT 2", D 2K;



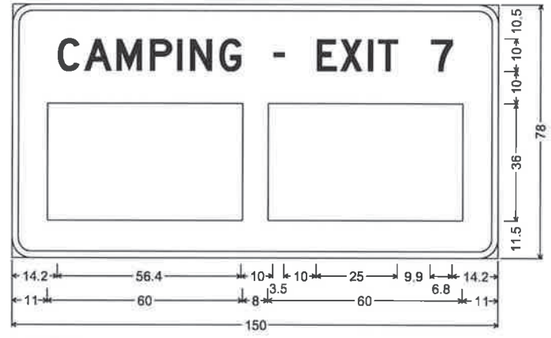
LGX30-2WB;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 2", D 2K; " - EXIT 2", D 2K;



LGF30-7WB;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 7", D 2K; "FOOD - EXIT 7", D 2K;



LGF30-7EB;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 7", D 2K; "FOOD - EXIT 7", D 2K;



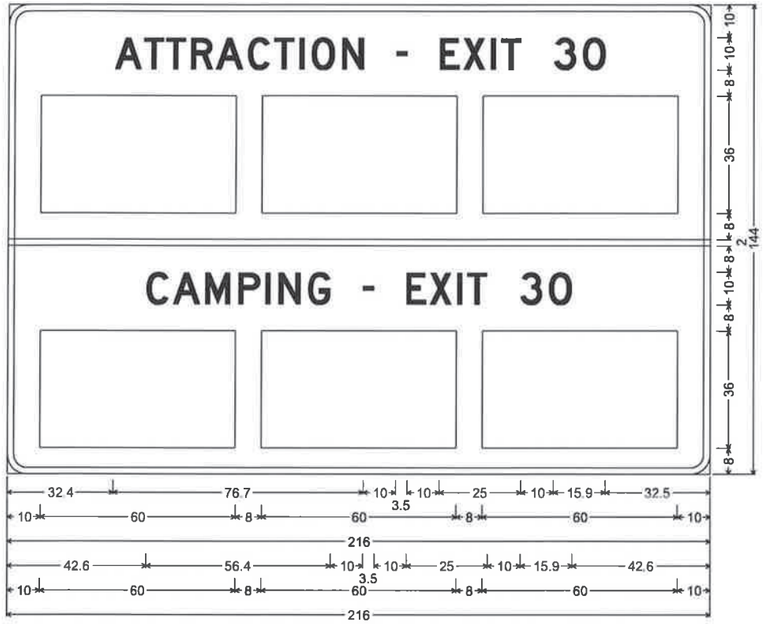
LC30-7WB ;
6.0" Radius, 2.0" Border, White on Blue;
"CAMPING - EXIT 7", D 2K;



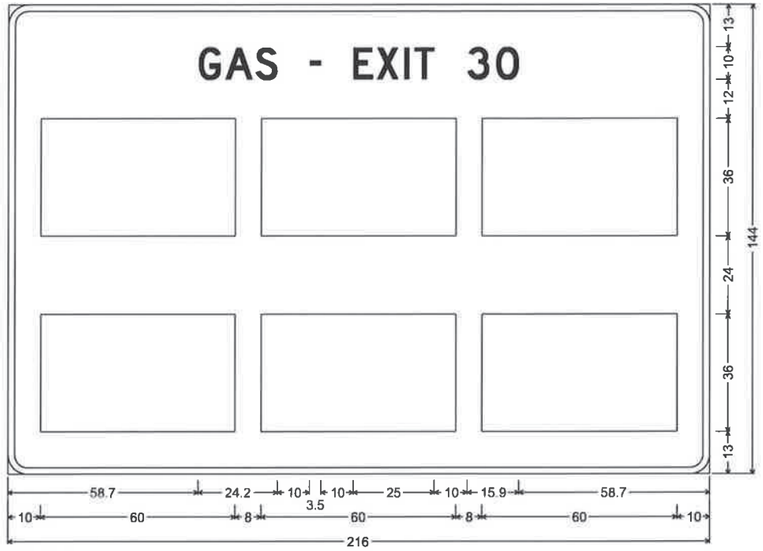
1-23-2023

SIGN LAYOUT SHEET

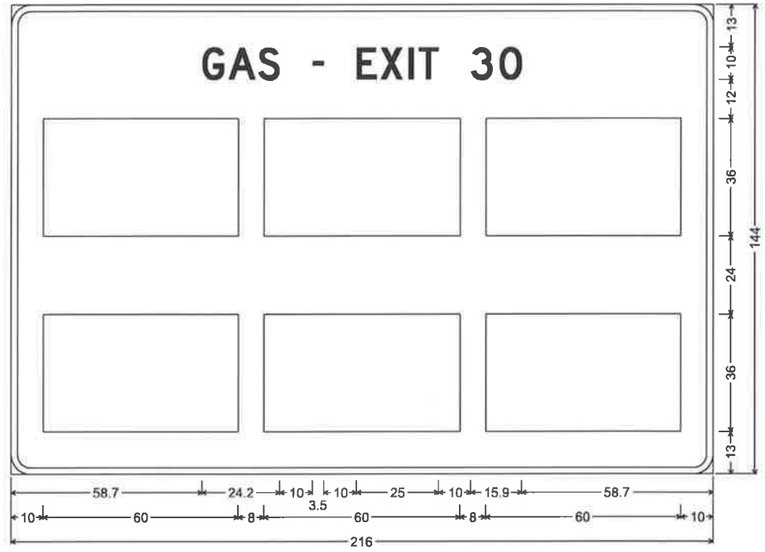
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	65	98
		SIGN LAYOUT SHEET				



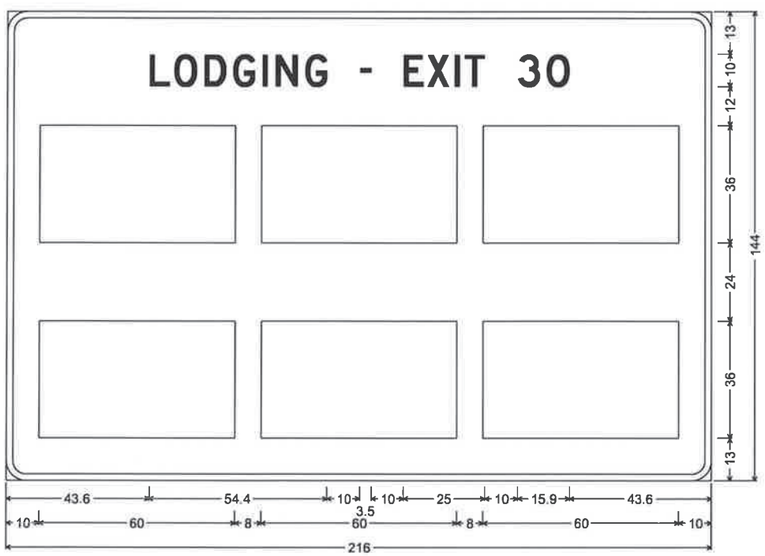
LAC30-30EB;
6.0" Radius, 2.0" Border, White on Blue;
"ATTRACTION - EXIT 30", D 2K; "CAMPING - EXIT 30", D 2K;



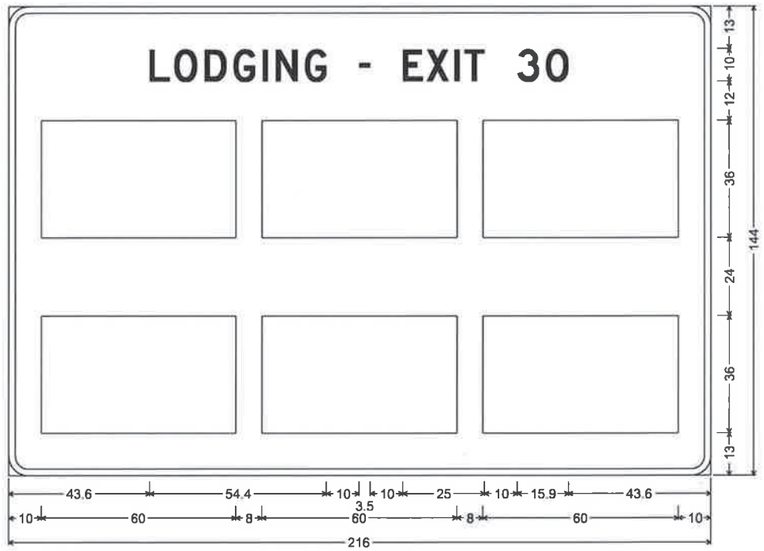
LG30-30EB ;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 30", D 2K;



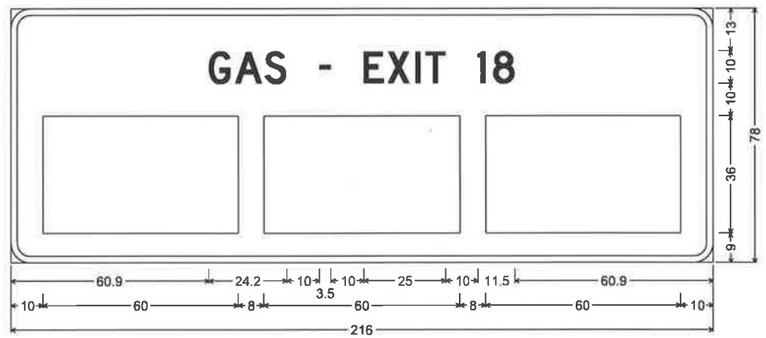
LG30-30WB ;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 30", D 2K;



LL30-30EB ;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 30", D 2K;



LL30-30WB ;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 30", D 2K;

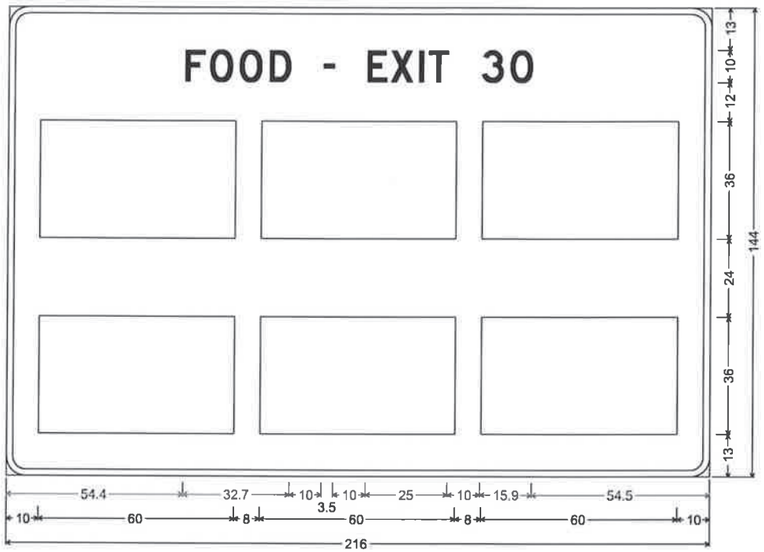


LG30-18WB ;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 18", D 2K;

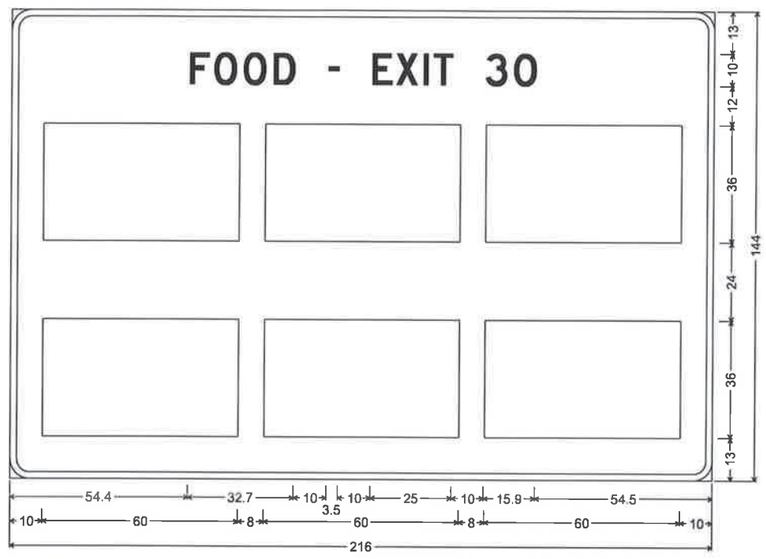
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

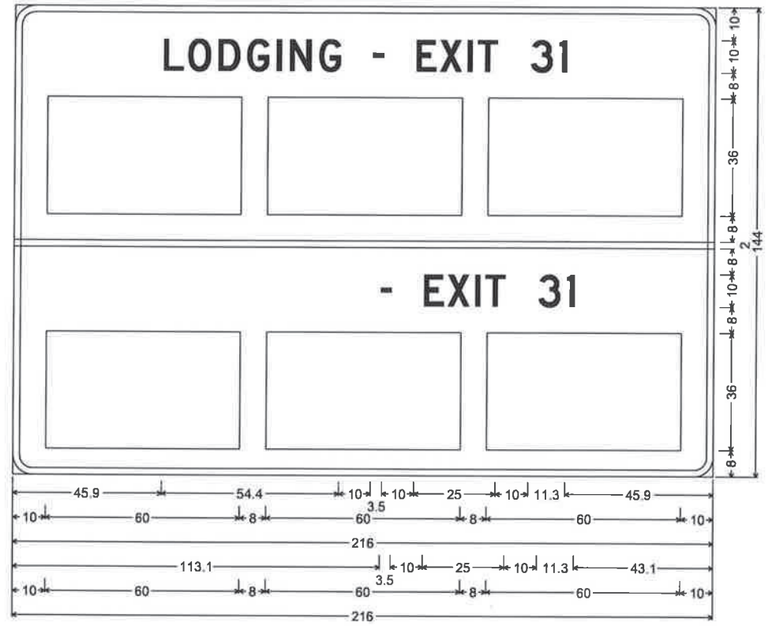
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
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		SIGN LAYOUT SHEET				



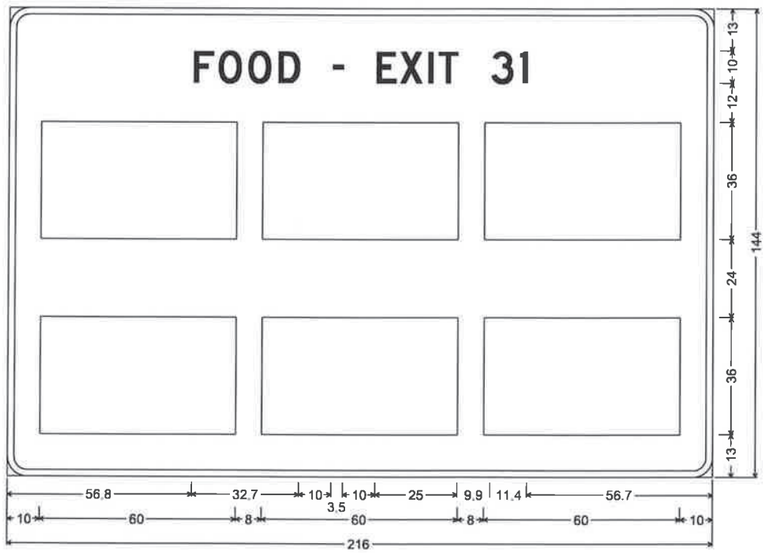
LF30-30EB ;
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"FOOD - EXIT 30", D 2K;



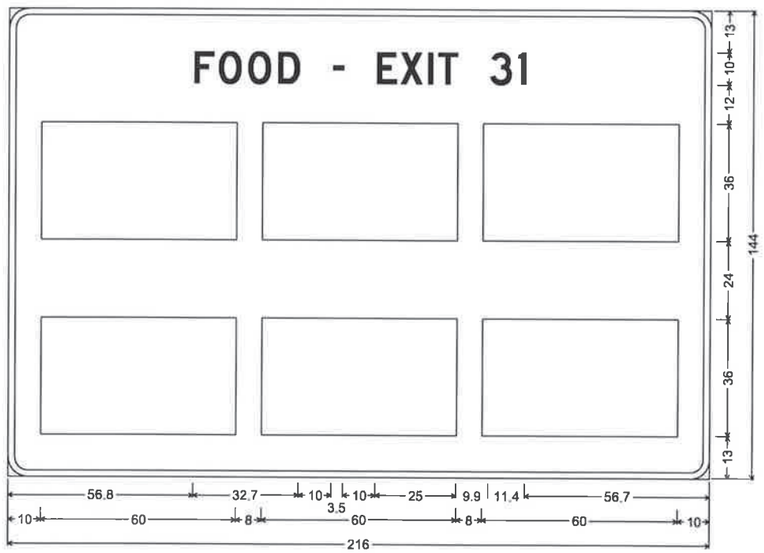
LF30-30WB ;
6.0" Radius, 2.0" Border, White on Blue;
"FOOD - EXIT 30", D 2K;



LLX30-31EB;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 31", D 2K; " - EXIT 31", D 2K;



LF30-31EB ;
6.0" Radius, 2.0" Border, White on Blue;
"FOOD - EXIT 31", D 2K;

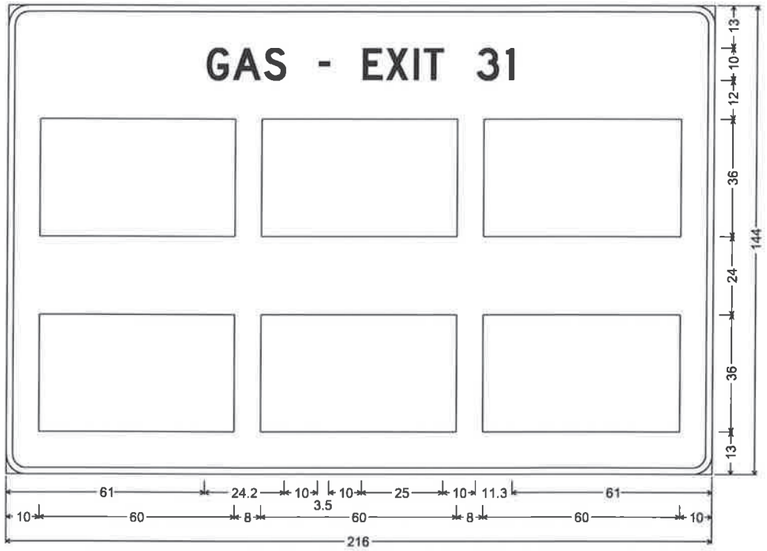


LF30-31WB ;
6.0" Radius, 2.0" Border, White on Blue;
"FOOD - EXIT 31", D 2K;

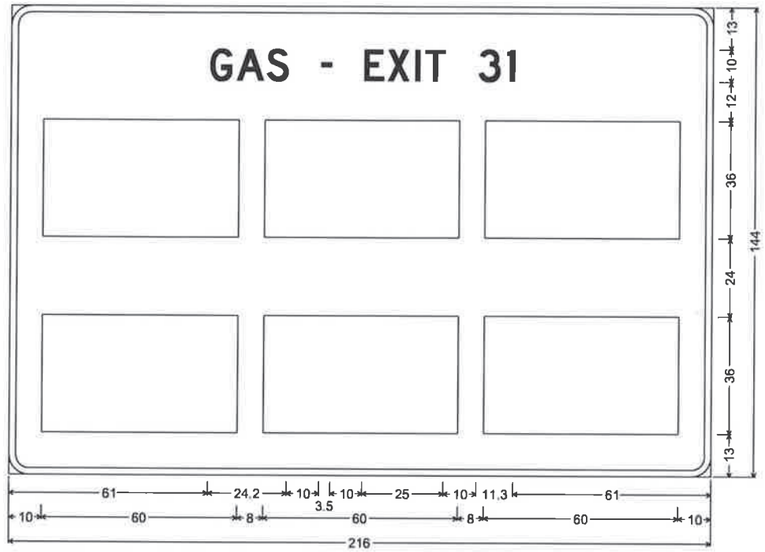


1-23-2023

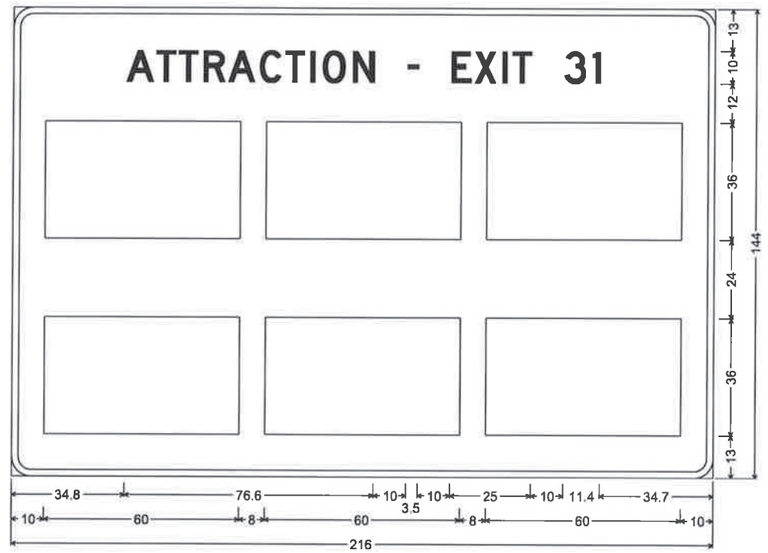
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	67	98
		SIGN LAYOUT SHEET				



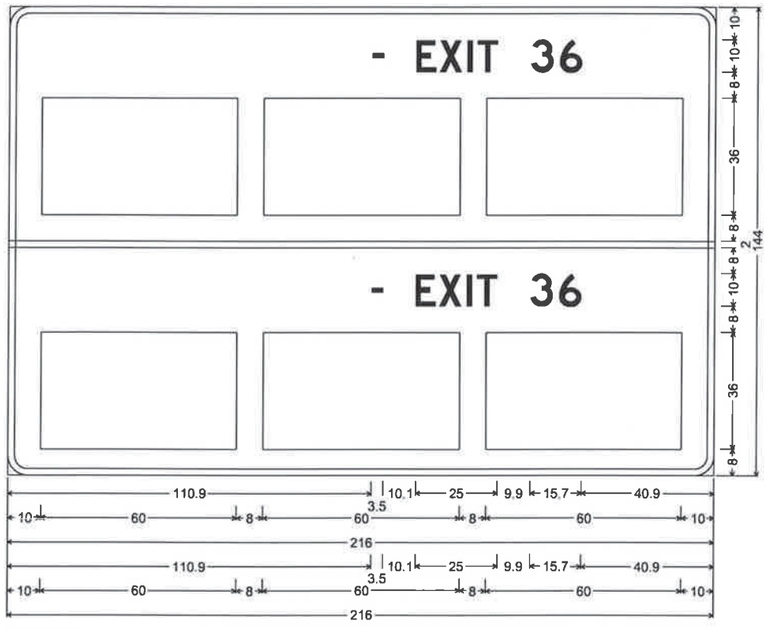
LG30-31EB ;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 31", D 2K;



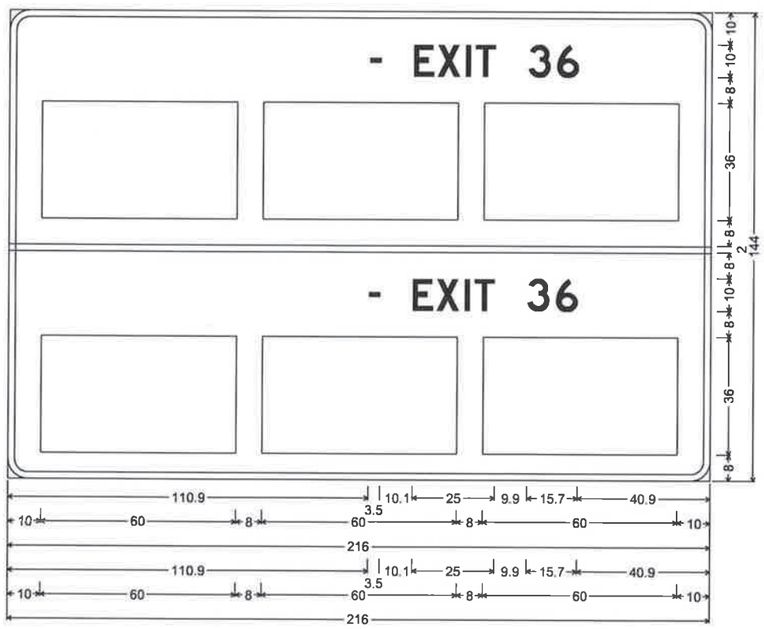
LG30-31WB ;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 31", D 2K;



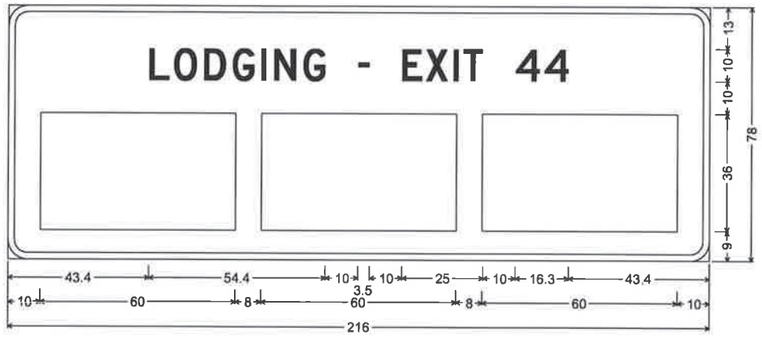
LA30-31WB ;
6.0" Radius, 2.0" Border, White on Blue;
"ATTRACTION - EXIT 31", D 2K;



LXX30-36EB;
6.0" Radius, 2.0" Border, White on Blue;
" - EXIT 36", D 2K; " - EXIT 36", D 2K;



LXX30-36WB;
6.0" Radius, 2.0" Border, White on Blue;
" - EXIT 36", D 2K; " - EXIT 36", D 2K;



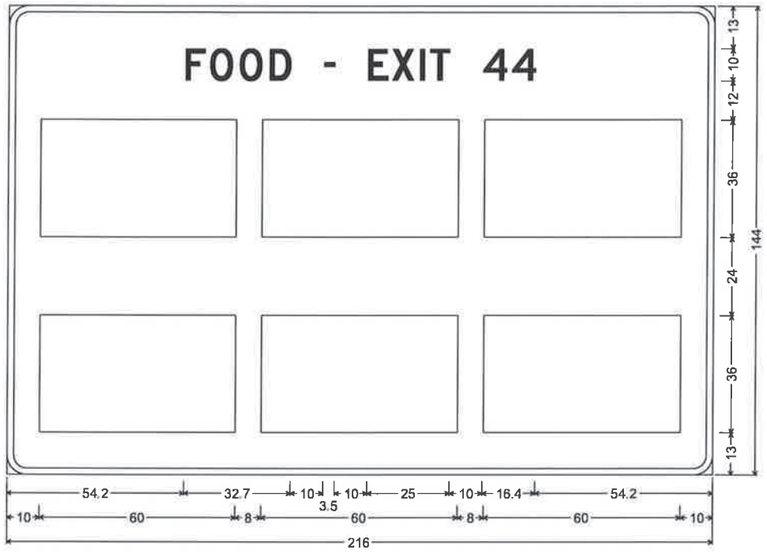
LL30-44EB ;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 44", D 2K;

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DERIC M. WYATT

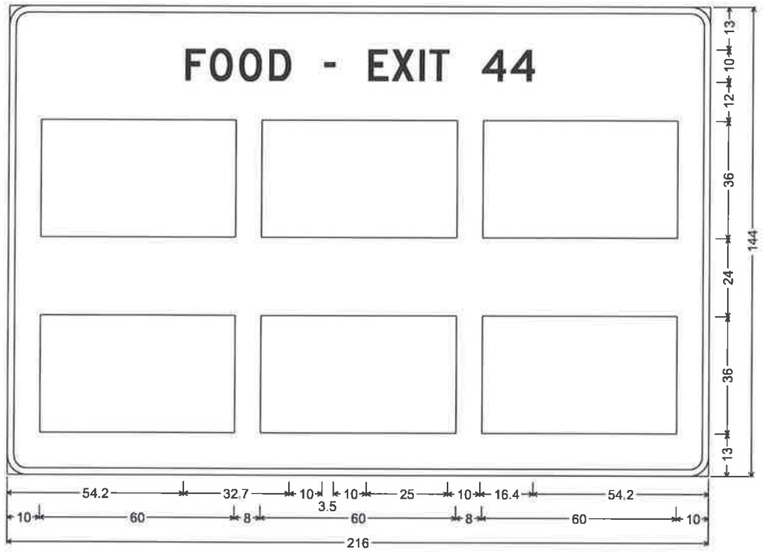
1-23-2023

SIGN LAYOUT SHEET

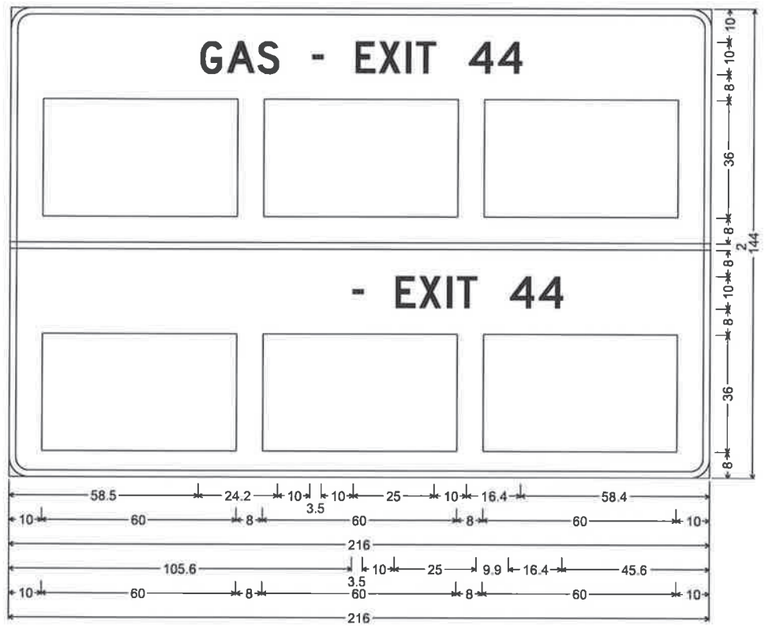
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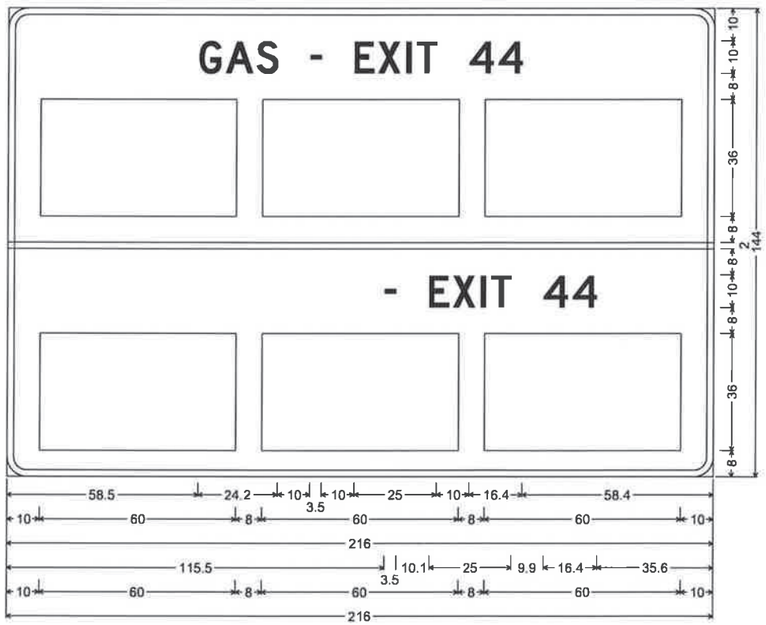
LF30-44WB ;
6.0" Radius, 2.0" Border, White on Blue;
"FOOD - EXIT 44", D 2K;



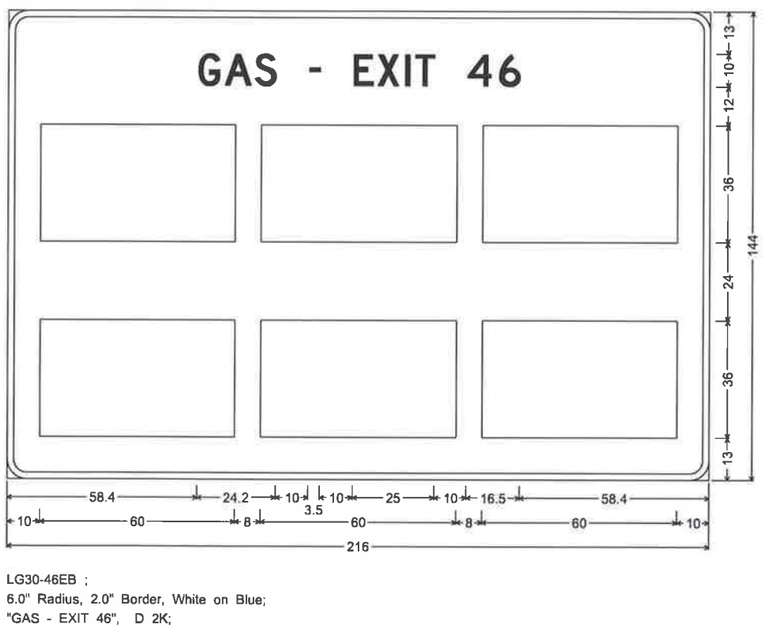
LF30-44EB ;
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"FOOD - EXIT 44", D 2K;



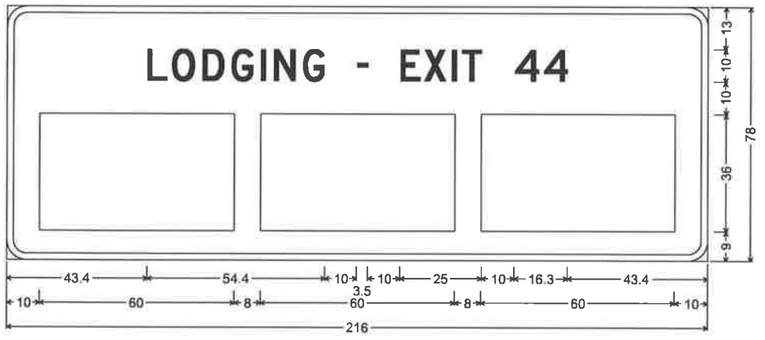
LGX30-44WB;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 44", D 2K; " - EXIT 44", D 2K;



LGX30-44EB;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 44", D 2K; " - EXIT 44", D 2K;



LG30-46EB ;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 46", D 2K;



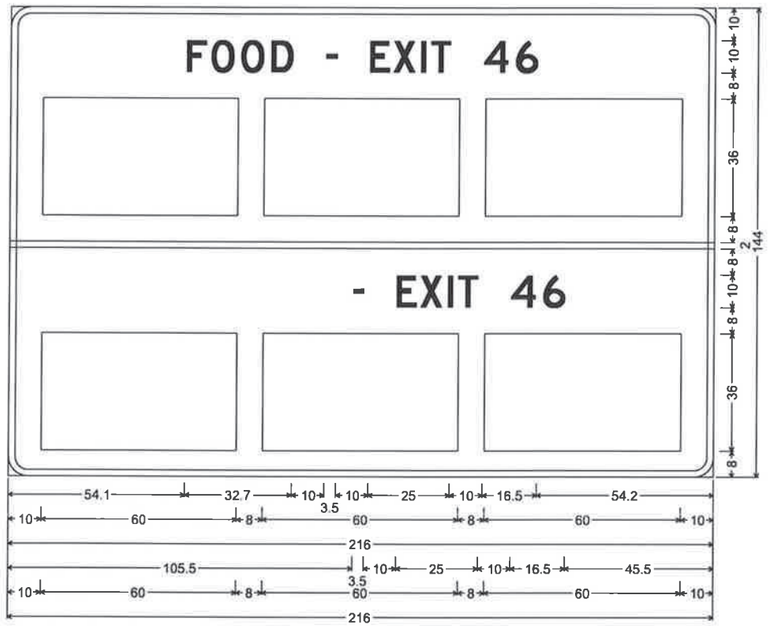
LL30-44WB ;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 44", D 2K;

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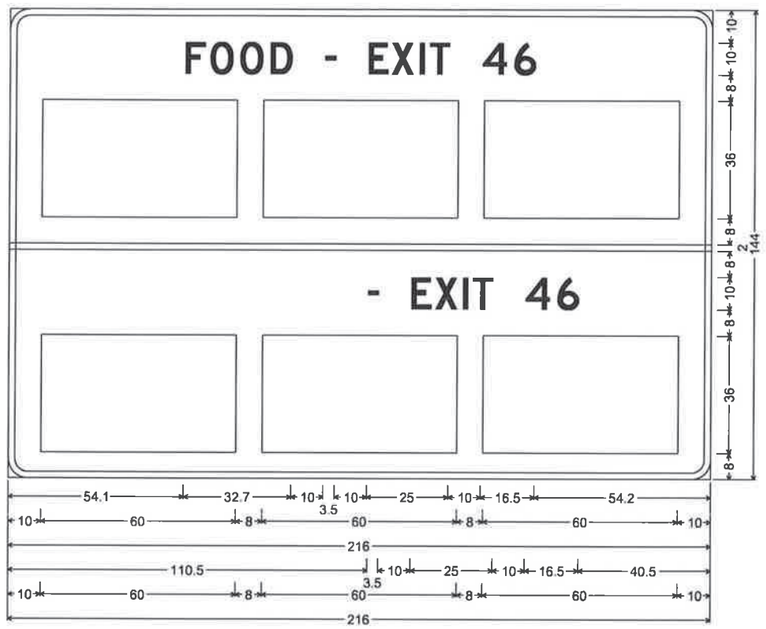
1-23-2023

SIGN LAYOUT SHEET

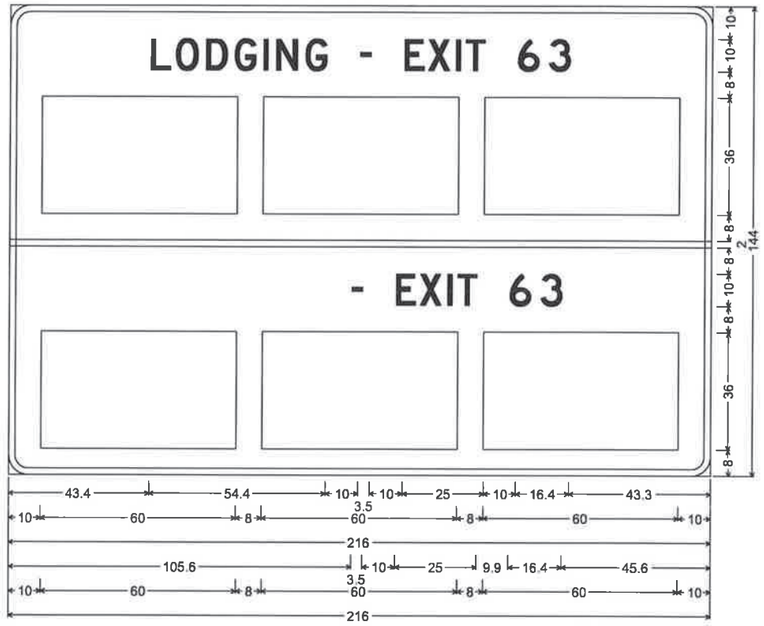
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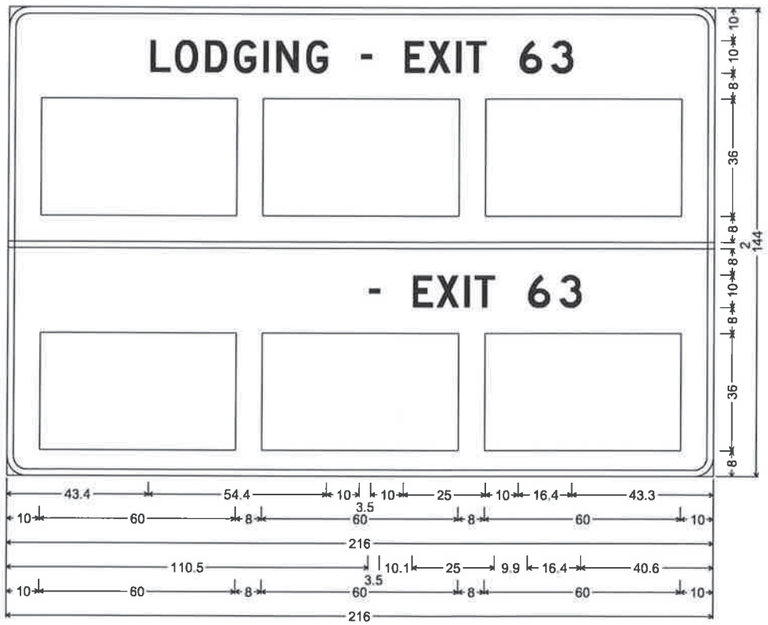
LFX30-46EB;
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"FOOD - EXIT 46", D 2K; " - EXIT 46", D 2K;



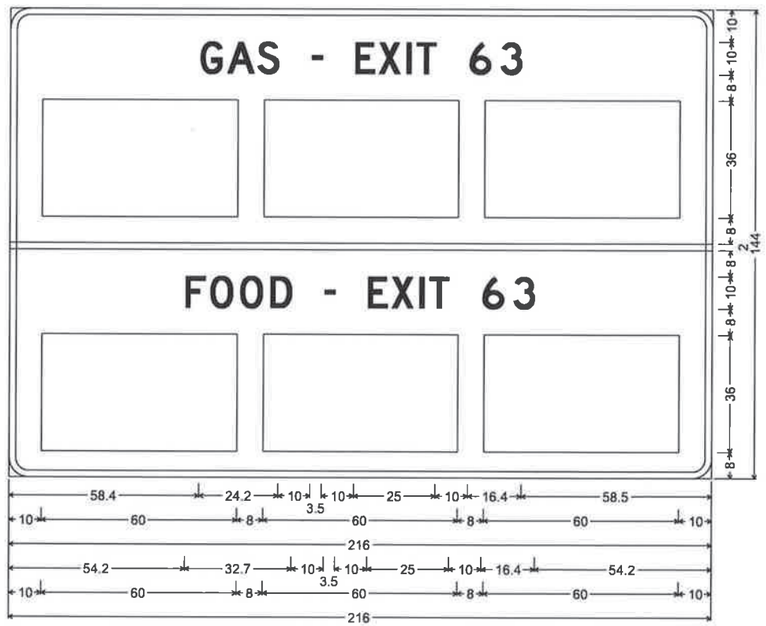
LFX30-46WB;
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"FOOD - EXIT 46", D 2K; " - EXIT 46", D 2K;



LLX30-63EB;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 63", D 2K; " - EXIT 63", D 2K;



LLX30-63WB;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 63", D 2K; " - EXIT 63", D 2K;

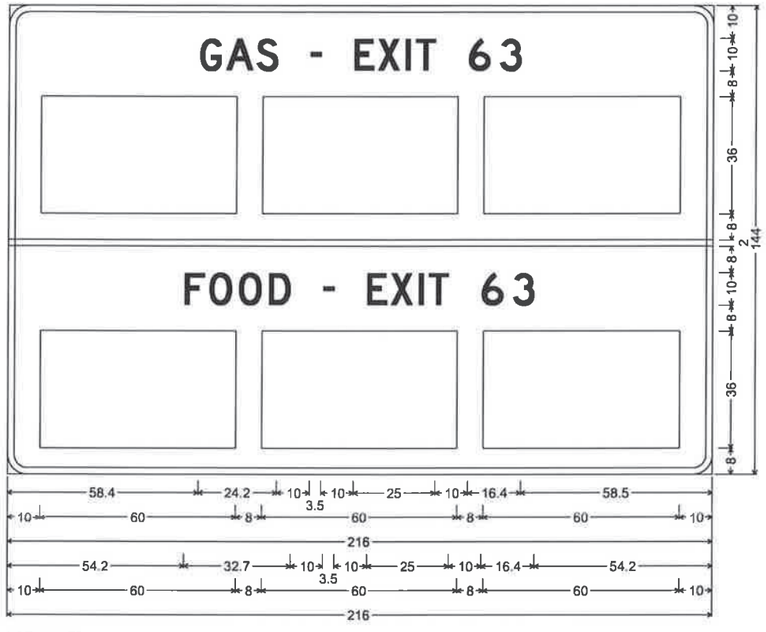


LGF30-63WB;
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"GAS - EXIT 63", D 2K; "FOOD - EXIT 63", D 2K;

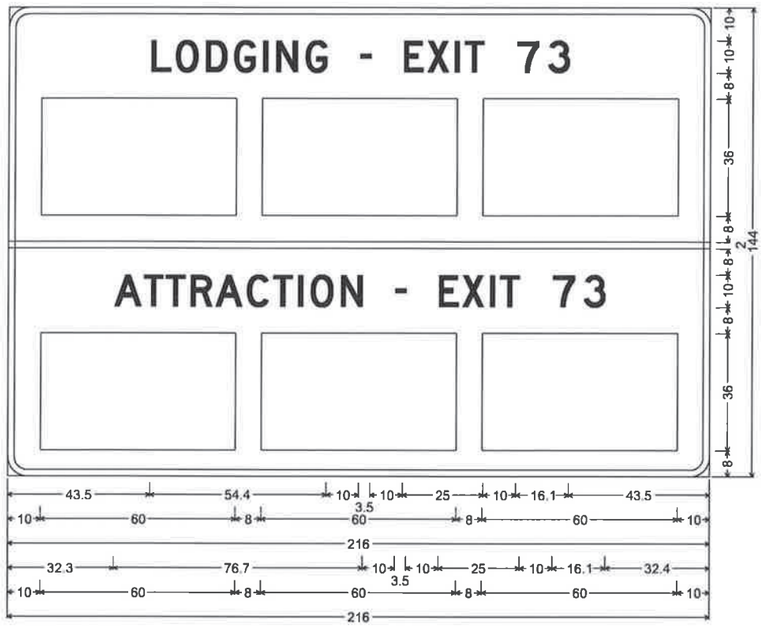
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

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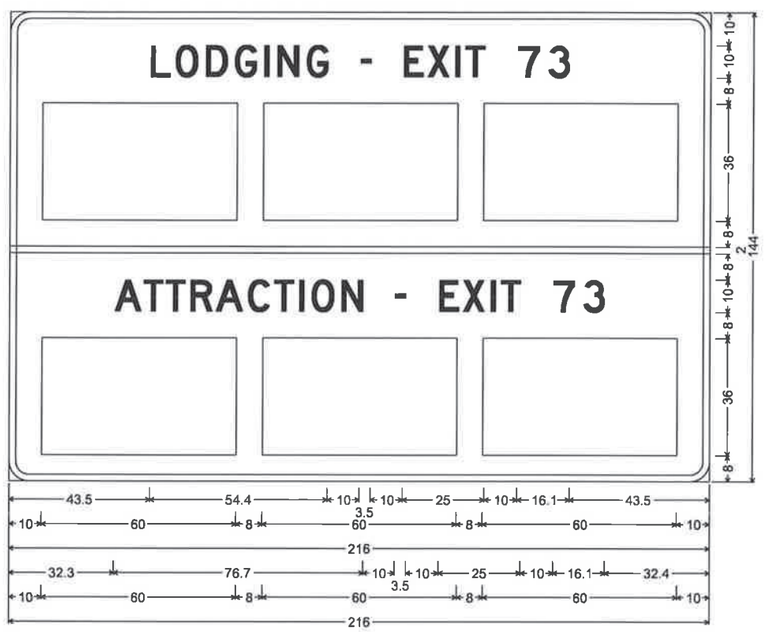
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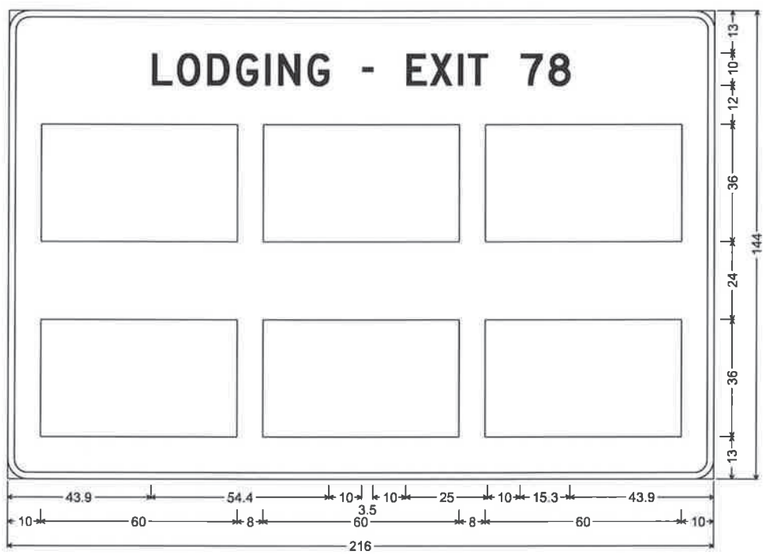
LGF30-63EB;
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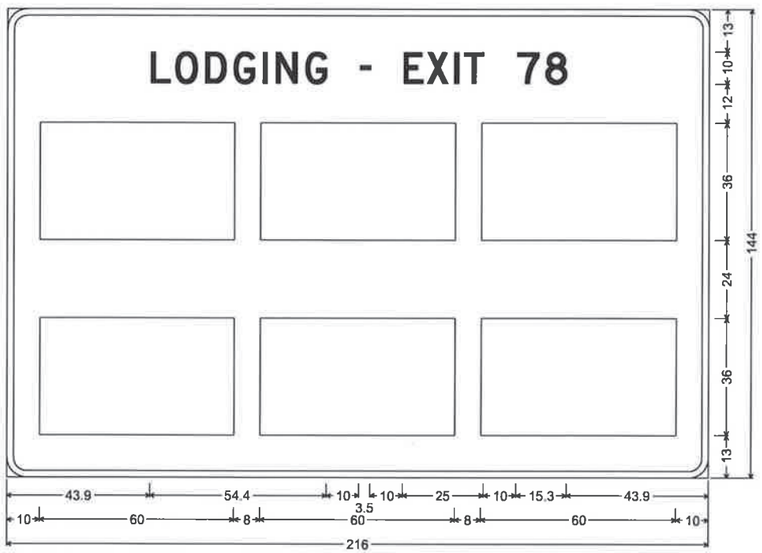
LLA30-73EB;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 73", D 2K; "ATTRACTION - EXIT 73", D 2K;



LLA30-73WB;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 73", D 2K; "ATTRACTION - EXIT 73", D 2K;



LL30-78EB ;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 78", D 2K;



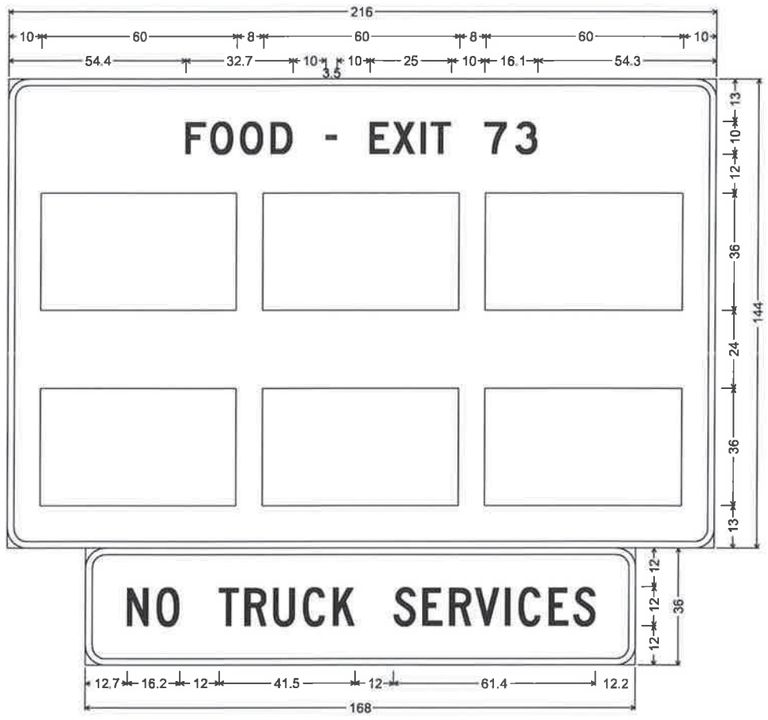
LL30-78WB ;
6.0" Radius, 2.0" Border, White on Blue;
"LODGING - EXIT 78", D 2K;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

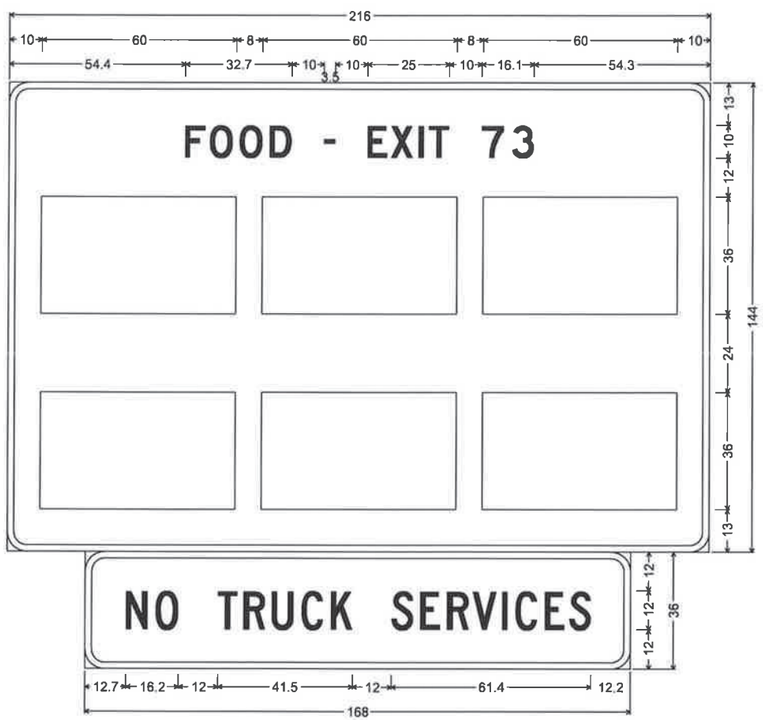
SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	71	98
		SIGN LAYOUT SHEET				



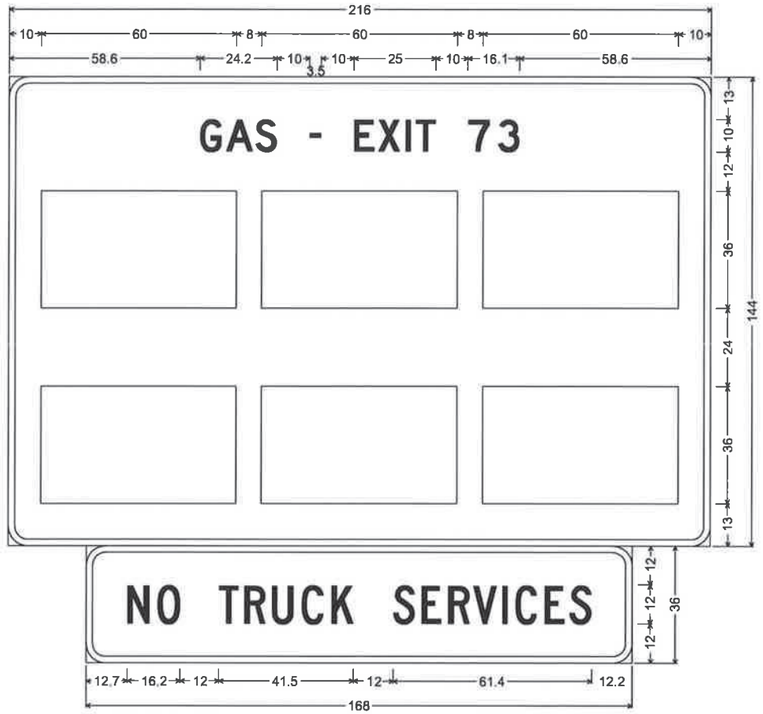
LF30-73WB ;
6.0" Radius, 2.0" Border, White on Blue;
"FOOD - EXIT 73", D 2K;

6.0" Radius, 2.0" Border, White on Blue;
"NO TRUCK SERVICES", C 2K;



LF30-73EB ;
6.0" Radius, 2.0" Border, White on Blue;
"FOOD - EXIT 73", D 2K;

6.0" Radius, 2.0" Border, White on Blue;
"NO TRUCK SERVICES", C 2K;



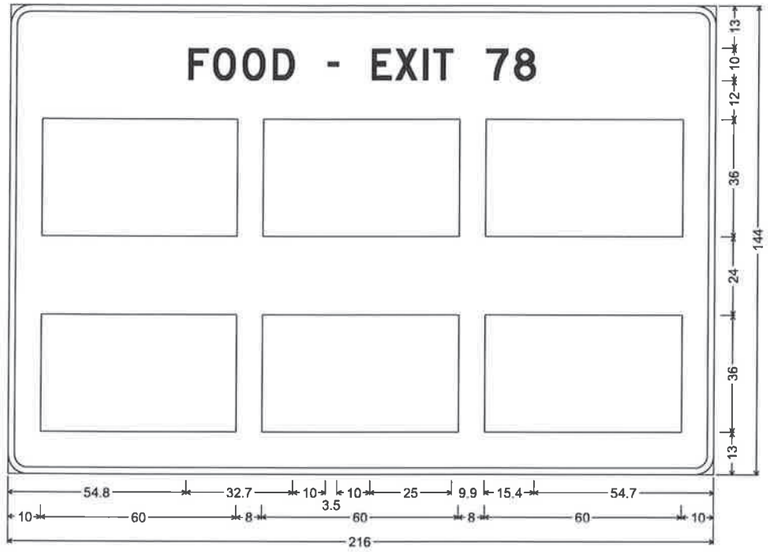
LG30-73EB ;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 73", D 2K;

6.0" Radius, 2.0" Border, White on Blue;
"NO TRUCK SERVICES", C 2K;

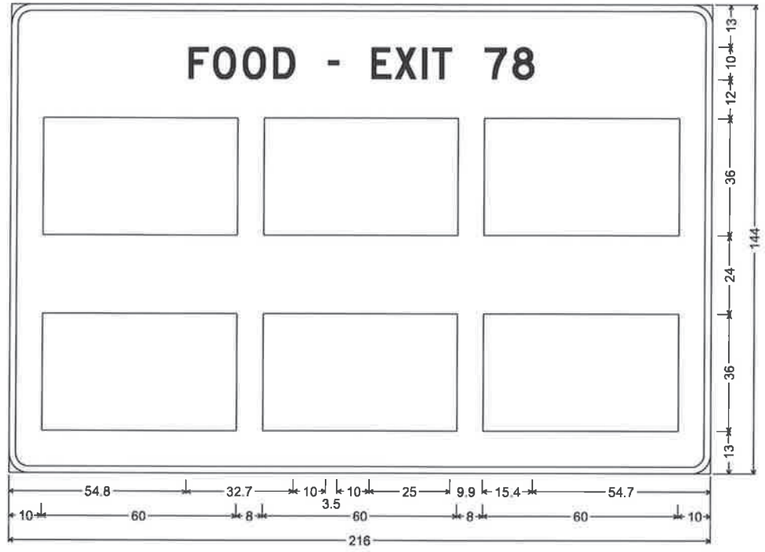


1-23-2023

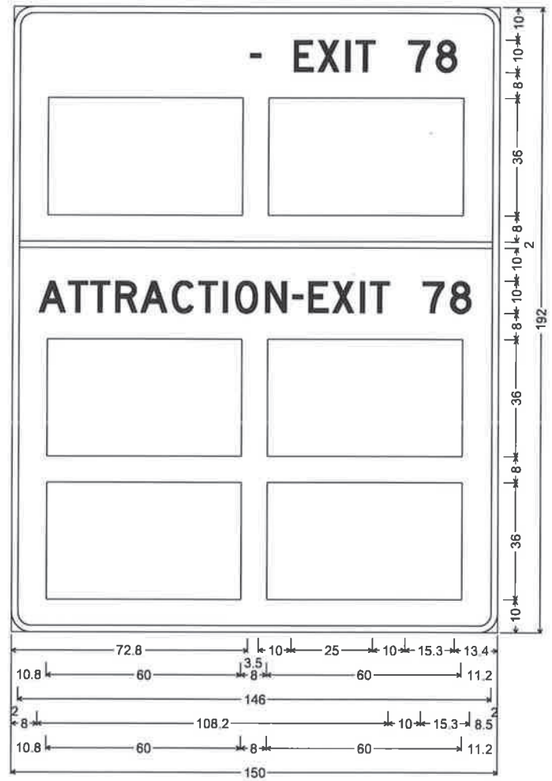
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	72	98
		SIGN LAYOUT SHEET				



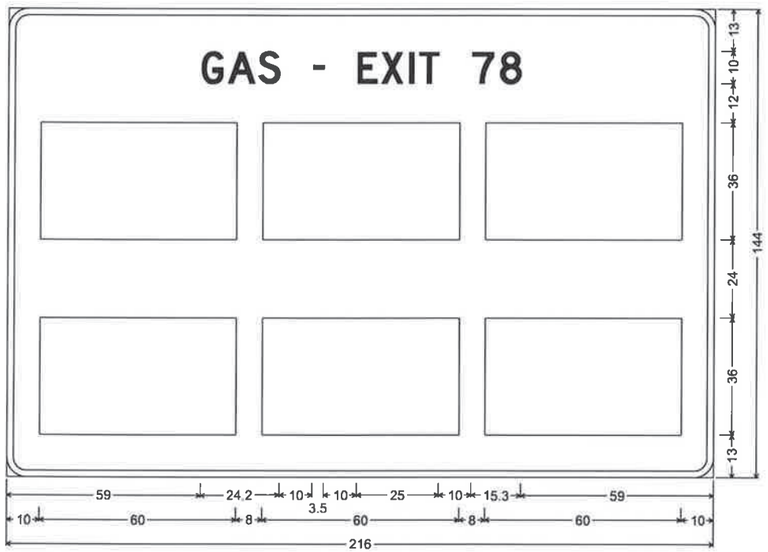
LF30-78EB ;
6.0" Radius, 2.0" Border, White on Blue;
"FOOD - EXIT 78", D 2K;



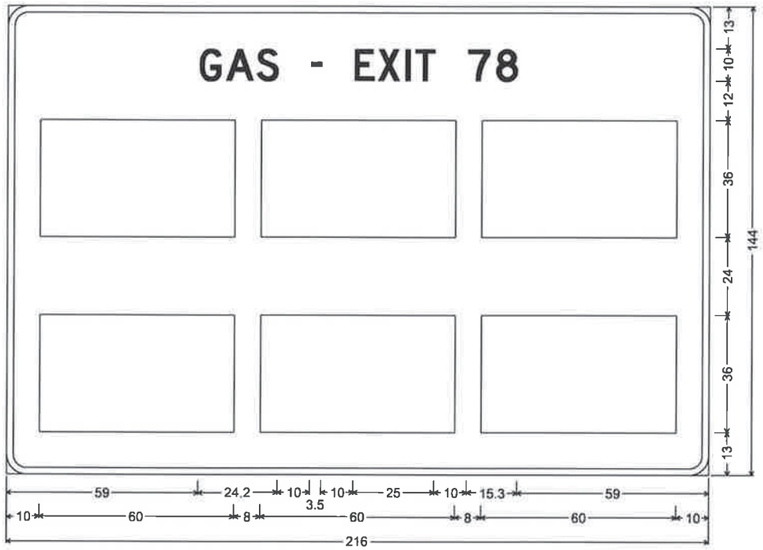
LF30-78WB ;
6.0" Radius, 2.0" Border, White on Blue;
"FOOD - EXIT 78", D 2K;



LXA30-78WB;
6.0" Radius, 2.0" Border, White on Blue;
" - EXIT 78", D 2K;
"ATTRACTION-EXIT 78", D 2K;



LG30-78WB ;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 78", D 2K;



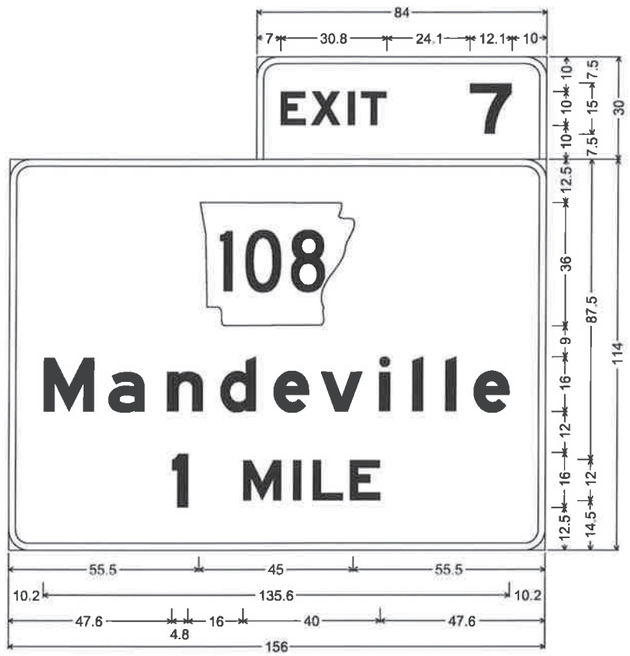
LG30-78EB ;
6.0" Radius, 2.0" Border, White on Blue;
"GAS - EXIT 78", D 2K;



1-23-2023

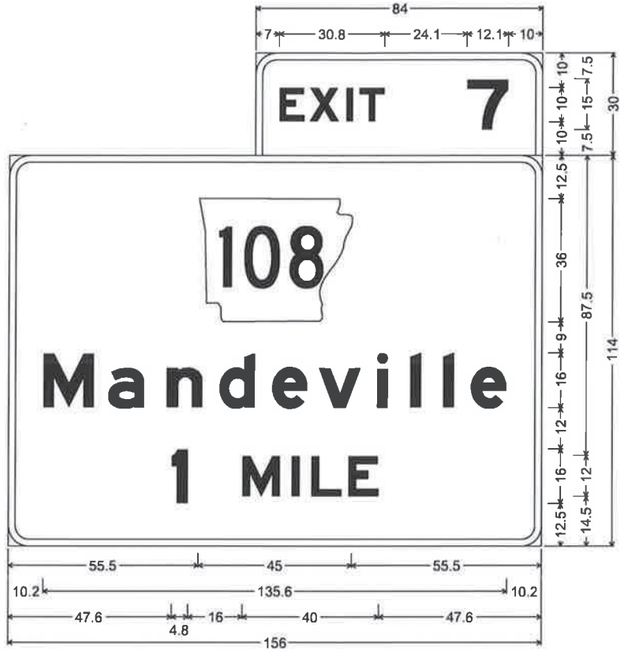
SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	73	98
		SIGN LAYOUT SHEET				



ML30-7-3EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "7", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Mandeville", E Mod 2K; "1", E Mod 2K; "MILE", E Mod 2K;



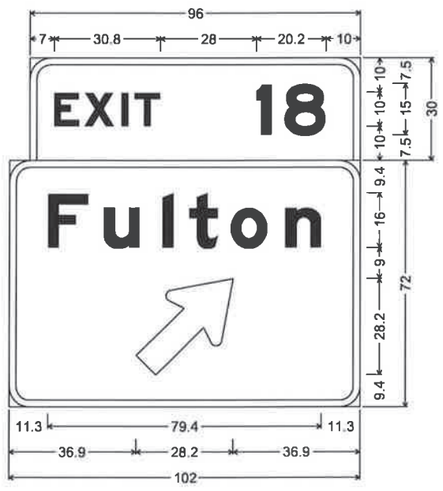
ML30-7-2WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "7", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Mandeville", E Mod 2K; "1", E Mod 2K; "MILE", E Mod 2K;



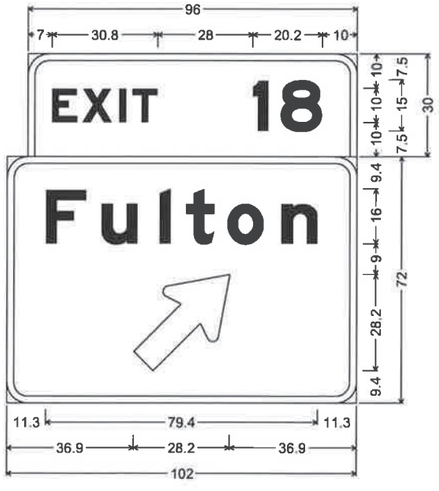
ML30-12-3EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "12", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Fulton", E Mod 2K; Arrow Custom - 35.8" 45°;



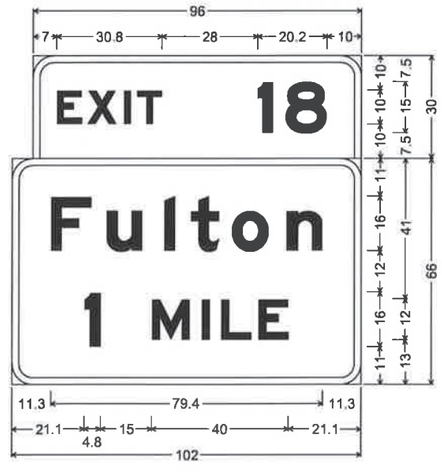
ML30-18-5EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "18", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Fulton", E Mod 2K; Arrow Custom - 35.8" 45°;



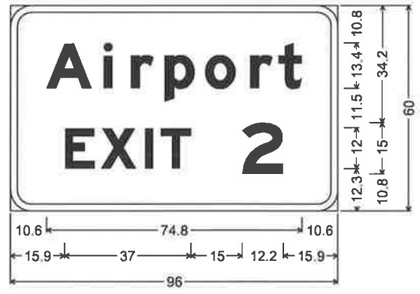
ML30-18-3WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "18", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Fulton", E Mod 2K; Arrow Custom - 35.8" 45°;



ML30-18-2WB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "18", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Fulton", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;



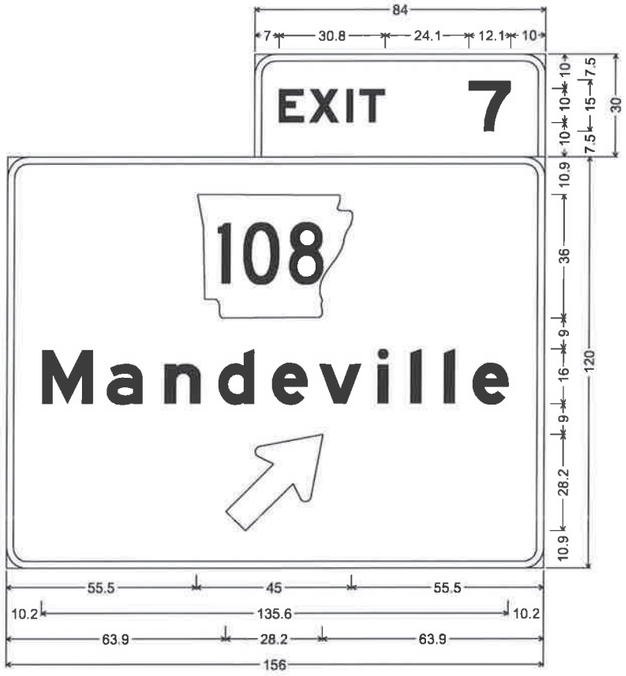
ML30-2-2WB;
6.0" Radius, 2.0" Border, White on Green;
"Airport", E Mod 2K; "EXIT", E Mod 2K;
"2", E Mod 2K;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

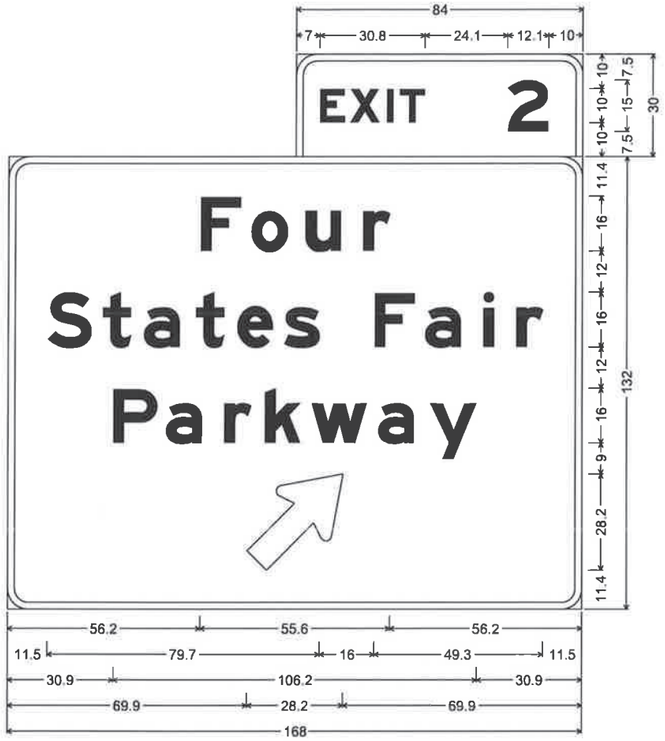
SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	74	98
		SIGN LAYOUT SHEET				



ML30-7-5EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "7", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Mandeville", E Mod 2K; Arrow Custom - 35.8" 45°;



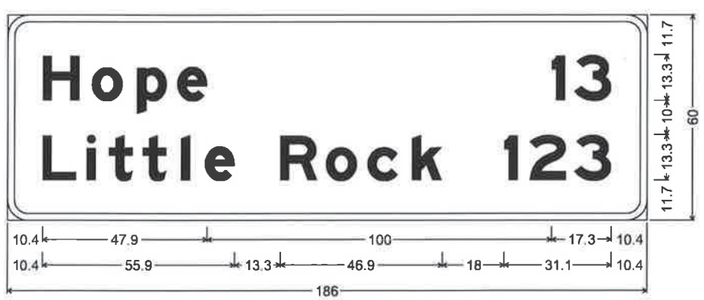
ML30-2-3WB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "2", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Four", E Mod 2K; "States Fair", E Mod 2K; "Parkway", E Mod 2K;
Arrow Custom - 35.8" 45°;

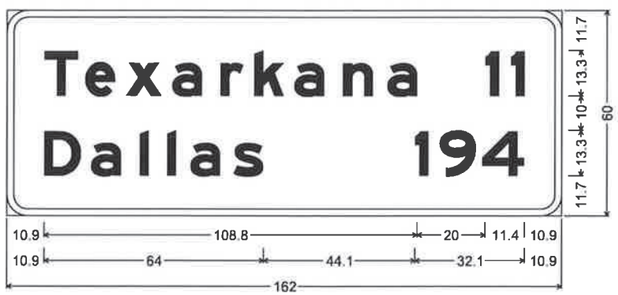


ML30-30-3EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "30", E Mod 2K;

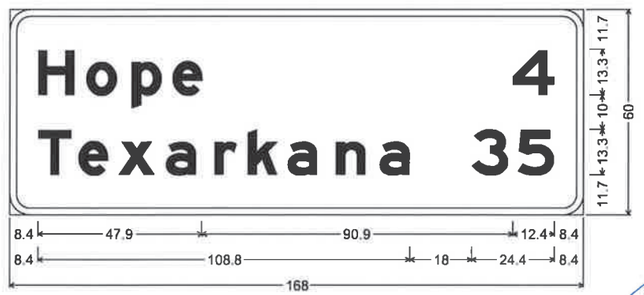
6.0" Radius, 2.0" Border, White on Green;
"Hope", E Mod 2K; "Nashville", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;



ML30-30-8EB;
6.0" Radius, 2.0" Border, White on Green;
"Hope", E Mod 2K; "13", E Mod 2K; "Little Rock", E Mod 2K; "123", E Mod 2K;



ML30-7-1WB;
6.0" Radius, 2.0" Border, White on Green;
"Texarkana", E Mod 2K; "11", E Mod 2K; "Dallas", E Mod 2K;
"194", E Mod 2K;



ML30-31-1WB;
6.0" Radius, 2.0" Border, White on Green;
"Hope", E Mod 2K; "4", E Mod 2K; "Texarkana", E Mod 2K; "35", E Mod 2K;



1-23-2023

SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	75	98
		SIGN LAYOUT SHEET				



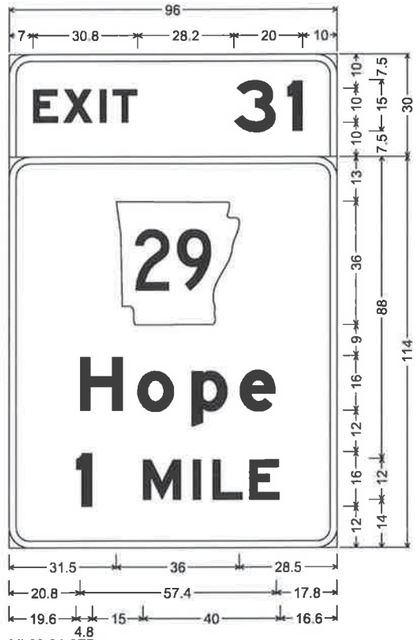
ML30-30-7EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "30", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Hope", E Mod 2K; "Nashville", E Mod 2K;
Arrow Custom - 35.8" 45°;



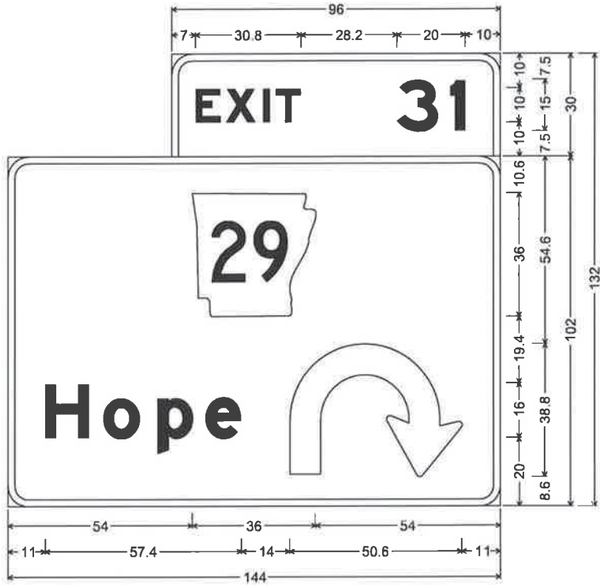
ML30-30-3WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "30", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Hope", E Mod 2K; "Nashville", E Mod 2K;
Arrow Custom - 35.8" 45°;



ML30-31-2EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "31", E Mod 2K;

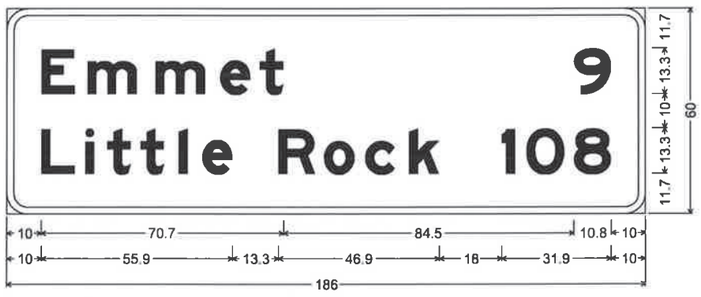
6.0" Radius, 2.0" Border, White on Green;
"Hope", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;



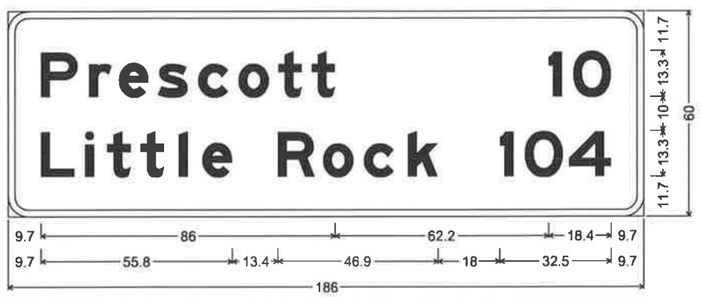
ML30-31-4EB;

6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "31", E Mod 2K;

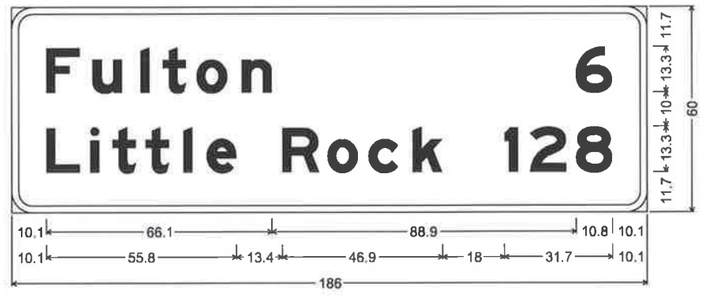
6.0" Radius, 2.0" Border, White on Green;
"Hope", E Mod 2K; Turn Arrow Custom;



ML30-36-1EB;
6.0" Radius, 2.0" Border, White on Green;
"Emmet", E Mod 2K; "9", E Mod 2K; "Little Rock", E Mod 2K; "108", E Mod 2K;



ML30-44-6EB;
6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; "10", E Mod 2K; "Little Rock", E Mod 2K; "104", E Mod 2K;



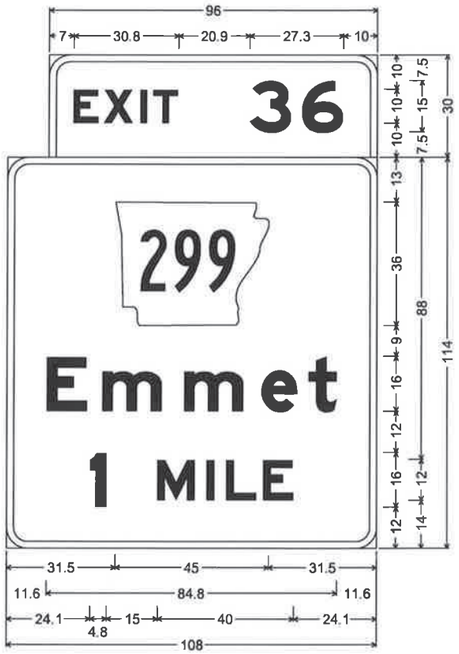
ML30-18-1EB;
6.0" Radius, 2.0" Border, White on Green;
"Fulton", E Mod 2K; "6", E Mod 2K; "Little Rock", E Mod 2K; "128", E Mod 2K;



1-23-2023

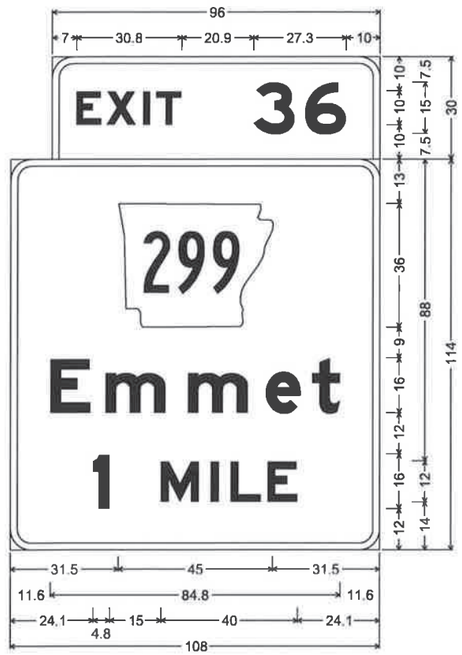
SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	76	98
		SIGN LAYOUT SHEET				



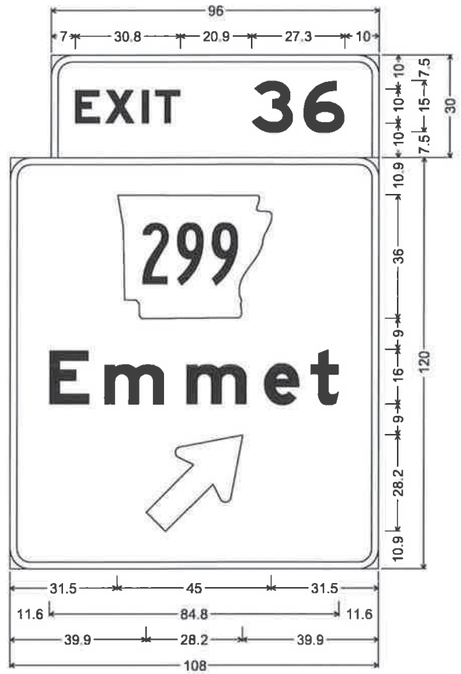
ML30-36-2EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "36", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
M1-6; "Emmet", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;



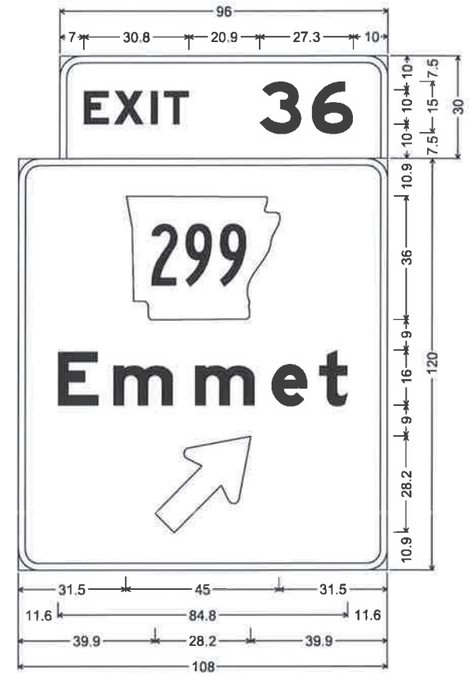
ML30-36-3WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "36", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
M1-6; "Emmet", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;



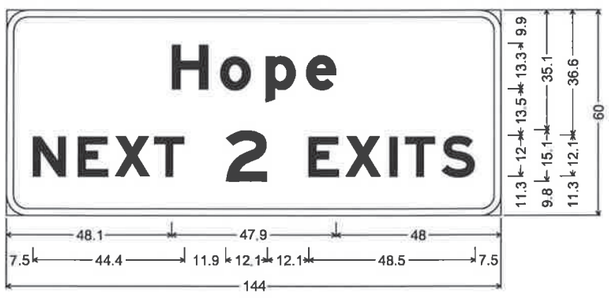
ML30-36-3EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "36", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Emmet", E Mod 2K; Arrow Custom - 35.8" 45°;

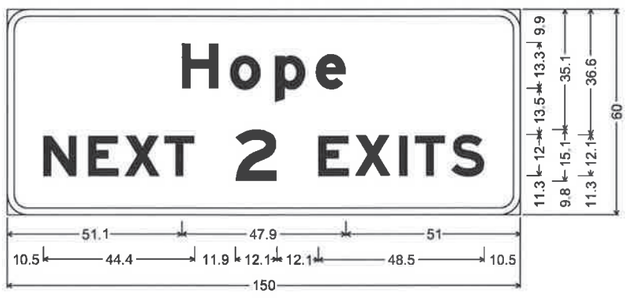


ML30-36-4WB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "36", E Mod 2K;

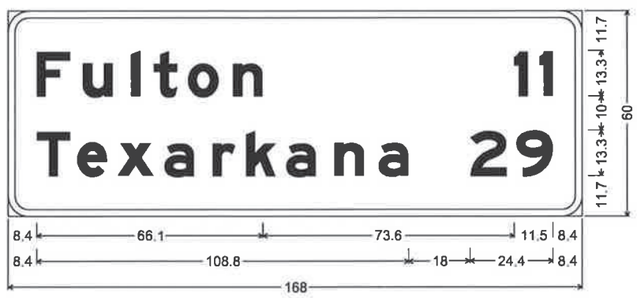
6.0" Radius, 2.0" Border, White on Green;
"Emmet", E Mod 2K; Arrow Custom - 35.8" 45°;



ML30-30-2EB;
6.0" Radius, 2.0" Border, White on Green;
"Hope", E Mod 2K; "NEXT", E Mod 2K; "2", E Mod 2K;
"EXITS", E Mod 2K;



ML30-31-2WB;
6.0" Radius, 2.0" Border, White on Green;
"Hope", E Mod 2K; "NEXT", E Mod 2K; "2", E Mod 2K;
"EXITS", E Mod 2K;



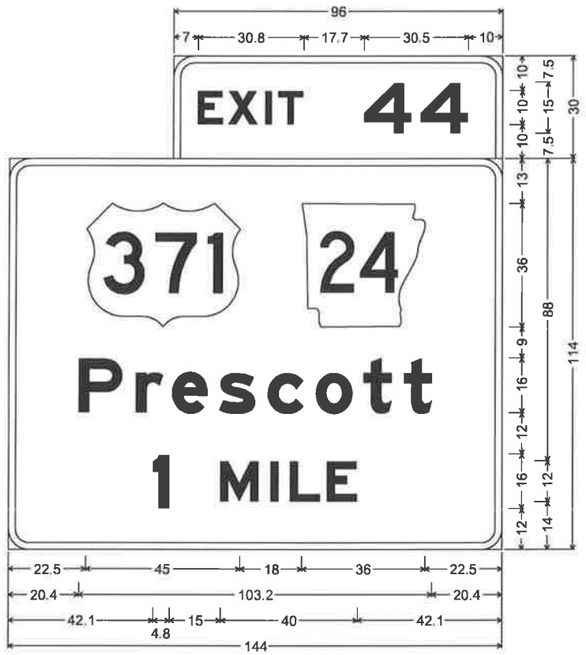
ML30-18-1WB;
6.0" Radius, 2.0" Border, White on Green;
"Fulton", E Mod 2K; "11", E Mod 2K; "Texarkana", E Mod 2K;
"29", E Mod 2K;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

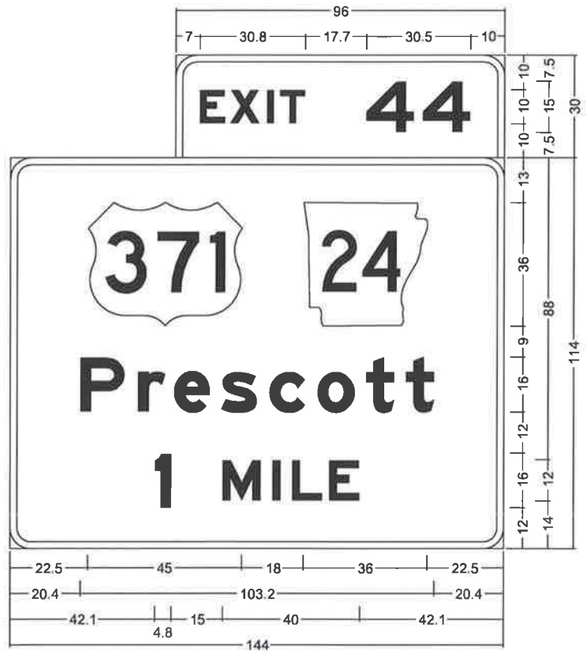
SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	77	98
		SIGN LAYOUT SHEET				



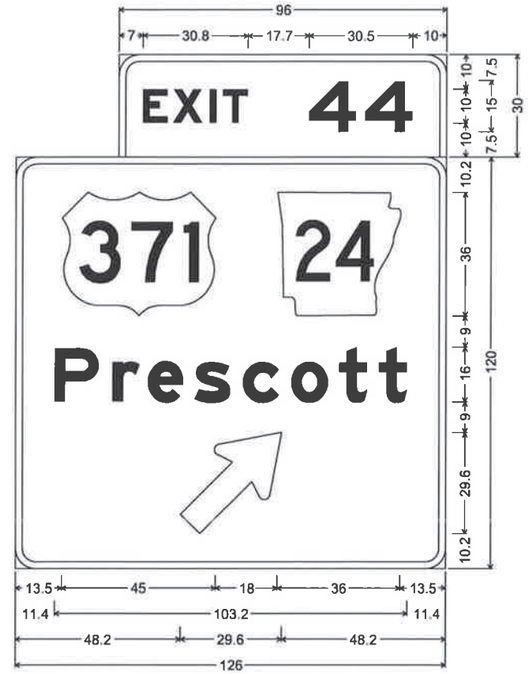
ML30-44-3EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "44", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; "1", E Mod 2K; "MILE", E Mod 2K;



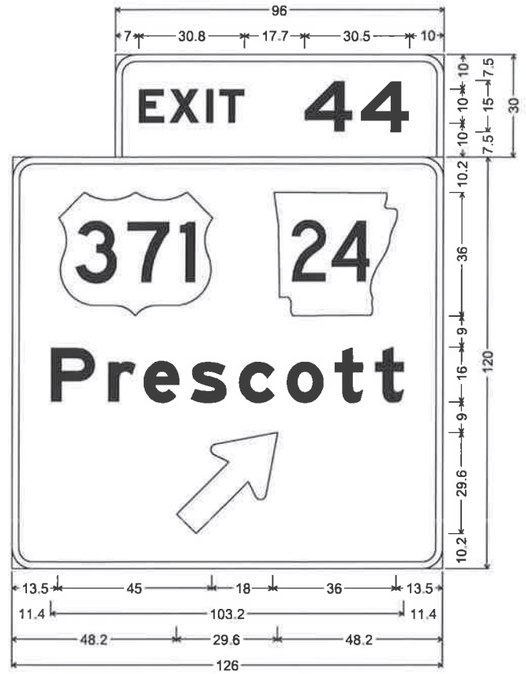
ML30-44-1WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "44", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; "1", E Mod 2K; "MILE", E Mod 2K;



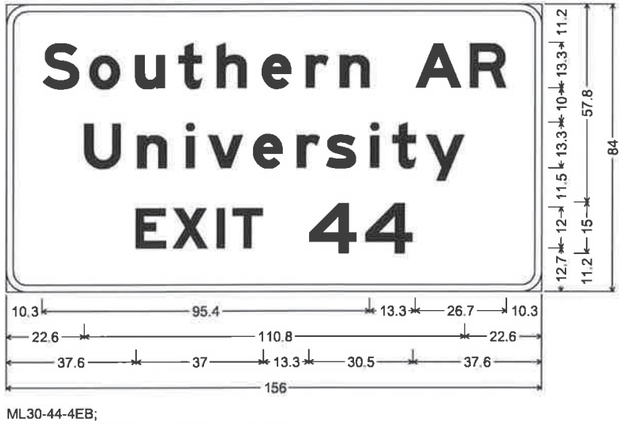
ML30-44-2WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "44", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; Arrow Custom - 37.8" 45°;

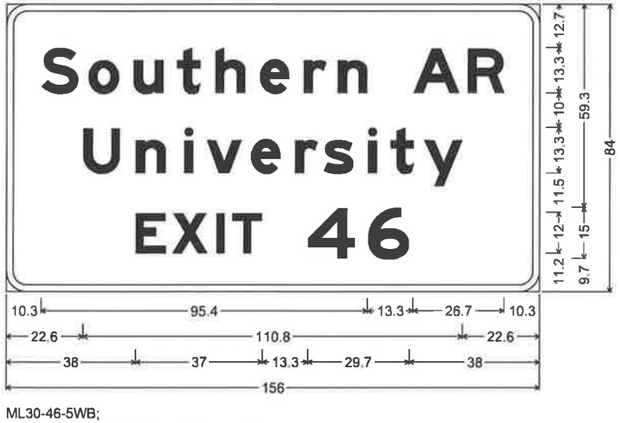


ML30-44-5EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "44", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; Arrow Custom - 37.8" 45°;



ML30-44-4EB;
6.0" Radius, 2.0" Border, White on Green;
"Southern AR", E Mod 2K; "University", E Mod 2K; "EXIT", E Mod 2K;
"44", E Mod 2K;



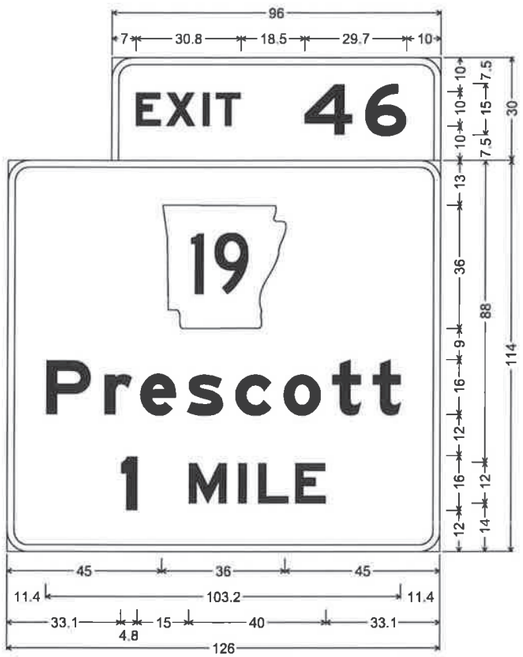
ML30-46-5WB;
6.0" Radius, 2.0" Border, White on Green;
"Southern AR", E Mod 2K; "University", E Mod 2K; "EXIT", E Mod 2K;
"46", E Mod 2K;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

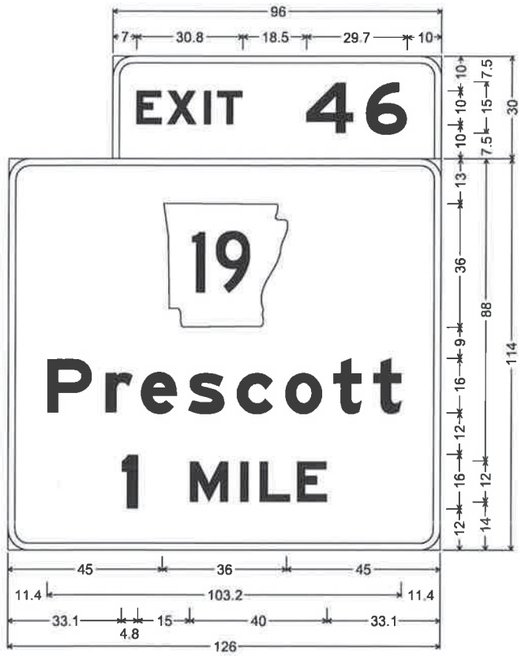
SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	78	98
		SIGN LAYOUT SHEET				



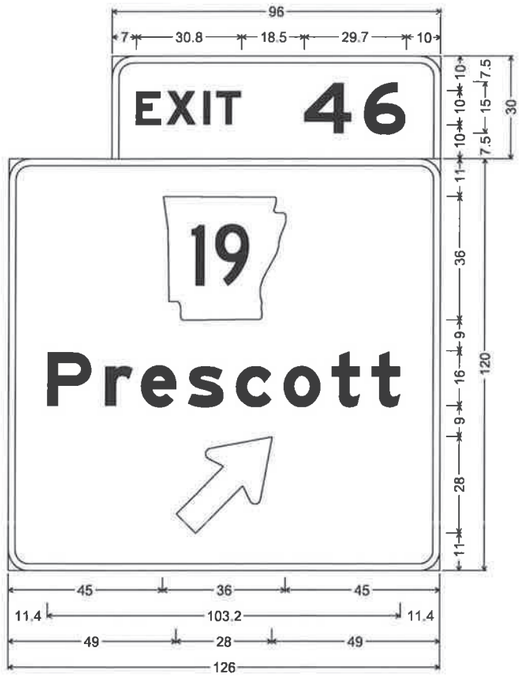
ML30-46-4WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "46", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; "1", E Mod 2K; "MILE", E Mod 2K;



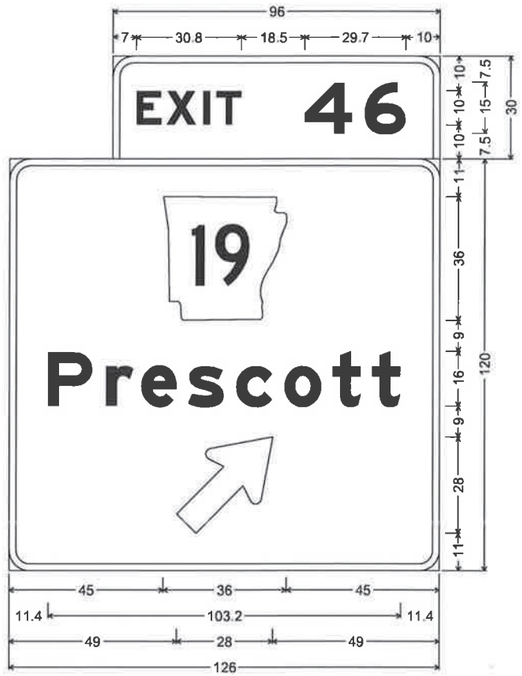
ML30-46-1EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "46", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; "1", E Mod 2K; "MILE", E Mod 2K;



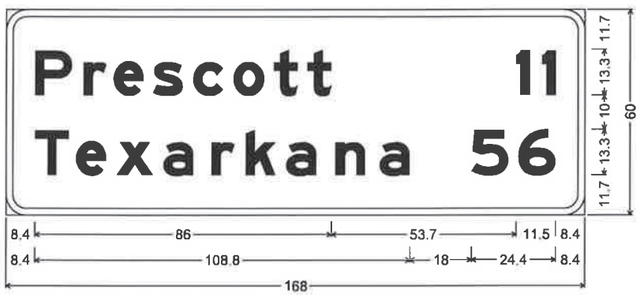
ML30-46-6WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "46", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; Arrow Custom - 35.7" 45°;

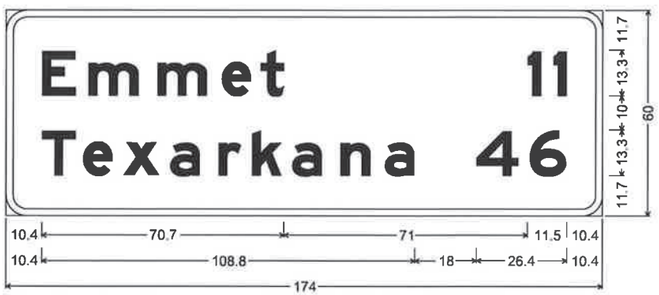


ML30-46-3EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "46", E Mod 2K;

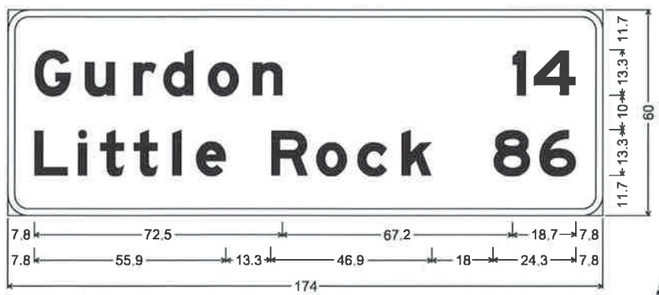
6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; Arrow Custom - 35.7" 45°;



ML30-46-2WB;
6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; "11", E Mod 2K; "Texarkana", E Mod 2K;
"56", E Mod 2K;



ML30-36-1WB;
6.0" Radius, 2.0" Border, White on Green;
"Emmet", E Mod 2K; "11", E Mod 2K; "Texarkana", E Mod 2K; "46", E Mod 2K;



ML30-63-1EB;
6.0" Radius, 2.0" Border, White on Green;
"Gurdon", E Mod 2K; "14", E Mod 2K; "Little Rock", E Mod 2K; "86", E Mod 2K;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
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1-23-2023

SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	79	98
		SIGN LAYOUT SHEET				



ML30-54-2EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "54", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Okolona", E Mod 2K; "Gurdon", E Mod 2K;
"1", E Mod 2K; "MILE", E Mod 2K;



ML30-54-2WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "54", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Okolona", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;



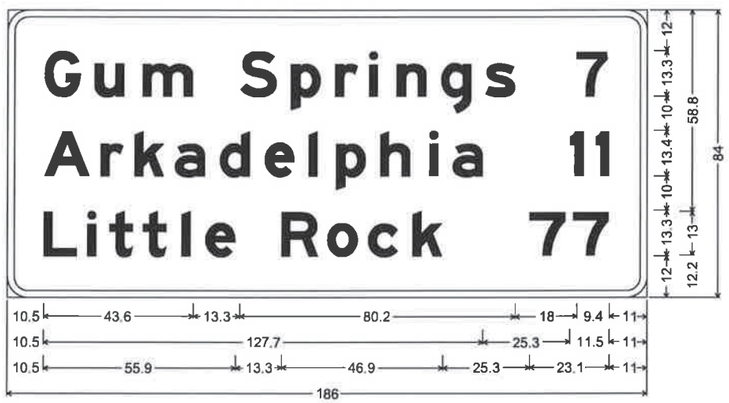
ML30-54-3WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "54", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
"Okolona", E Mod 2K; Arrow Custom - 35.8° 45°;

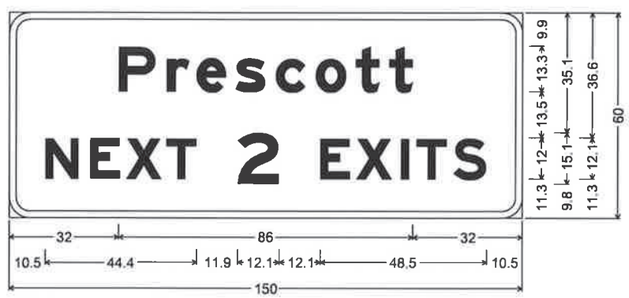


ML30-54-4EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "54", E Mod 2K;

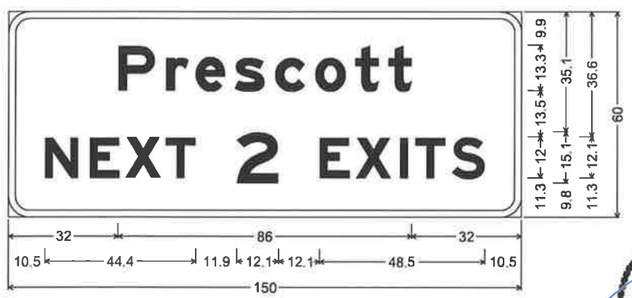
6.0" Radius, 2.0" Border, White on Green;
"Okolona", E Mod 2K; "Gurdon", E Mod 2K;
Arrow Custom - 35.8° 45°;



ML30-12-1EB;
6.0" Radius, 2.0" Border, White on Green;
"Gum Springs", E Mod 2K; "7", ClearviewHwy-5-W-R; "Arkadelphia", E Mod 2K;
"11", E Mod 2K; "Little Rock", E Mod 2K; "77", E Mod 2K;



ML30-46-3WB;
6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; "NEXT", E Mod 2K; "2", E Mod 2K;
"EXITS", E Mod 2K;



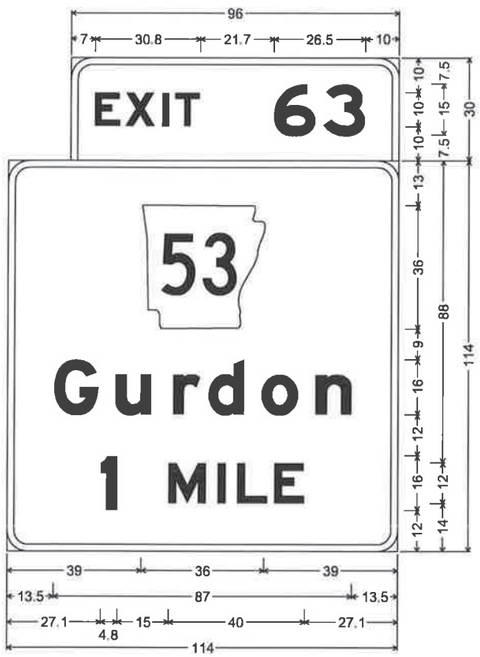
ML30-44-2EB;
6.0" Radius, 2.0" Border, White on Green;
"Prescott", E Mod 2K; "NEXT", E Mod 2K; "2", E Mod 2K;
"EXITS", E Mod 2K;

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No. 13856
DERIC M. WYATT

1-23-2023

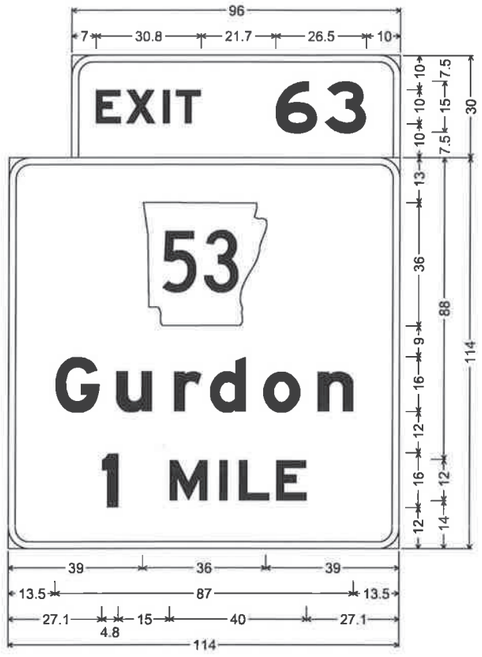
SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	80	98
		SIGN LAYOUT SHEET				



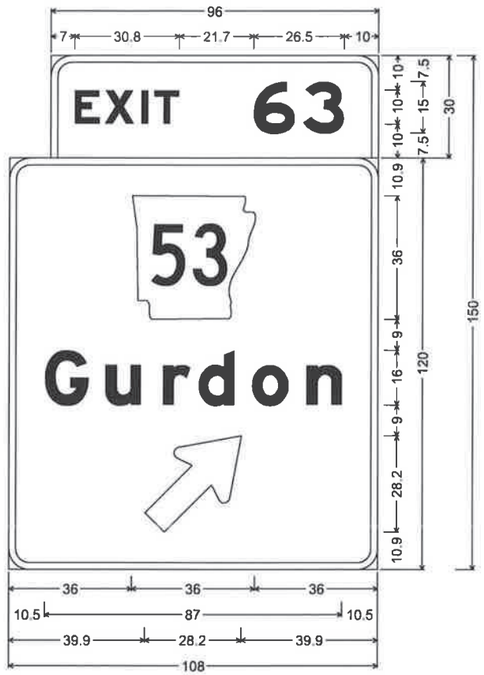
ML30-63-2EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "63", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
State Highway 53 18.0" C 2K; "Gurdon", E Mod 2K;
"1", E Mod 2K; "MILE", E Mod 2K;



ML30-63-3WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "63", E Mod 2K;

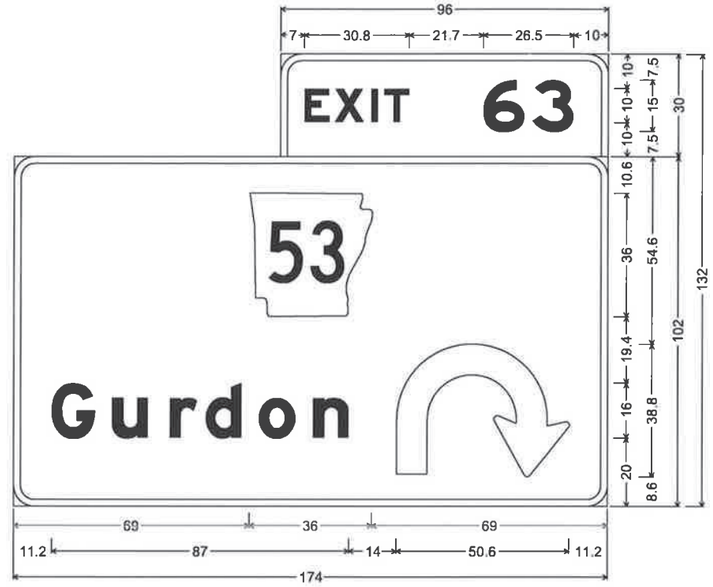
6.0" Radius, 2.0" Border, White on Green;
State Highway 53 18.0" C 2K; "Gurdon", E Mod 2K;
"1", E Mod 2K; "MILE", E Mod 2K;



ML30-63-3EB;

6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "63", E Mod 2K;

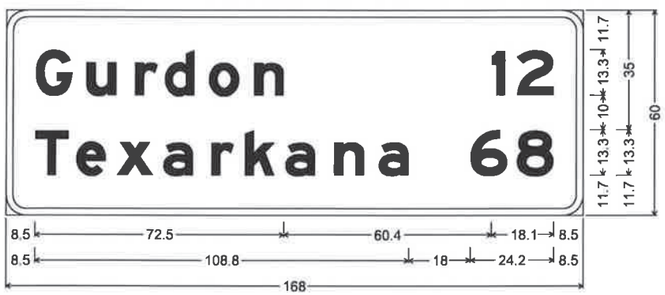
6.0" Radius, 2.0" Border, White on Green;
"Gurdon", E Mod 2K; Arrow Custom - 35.8" 45°;



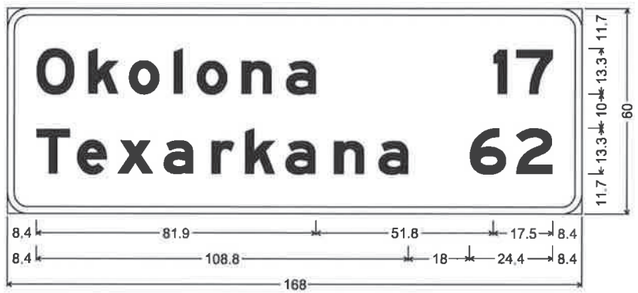
ML30-63-5WB;

6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "63", E Mod 2K;

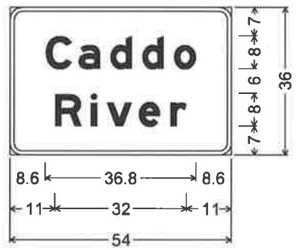
6.0" Radius, 2.0" Border, White on Green;
"Gurdon", E Mod 2K; Turn Arrow Custom;



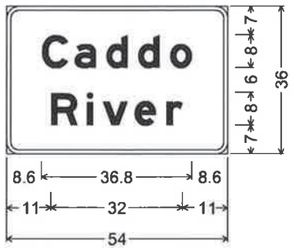
ML30-63-1WB;
6.0" Radius, 2.0" Border, White on Green;
"Gurdon", E Mod 2K; "12", E Mod 2K; "Texarkana", E Mod 2K;
"68", E Mod 2K;



ML30-54-1WB;
6.0" Radius, 2.0" Border, White on Green;
"Okolona", E Mod 2K; "17", E Mod 2K; "Texarkana", E Mod 2K;
"62", E Mod 2K;



ML30-73-5WB;
3.0" Radius, 1.0" Border, White on Green;
"Caddo", E Mod 2K;
"River", E Mod 2K;



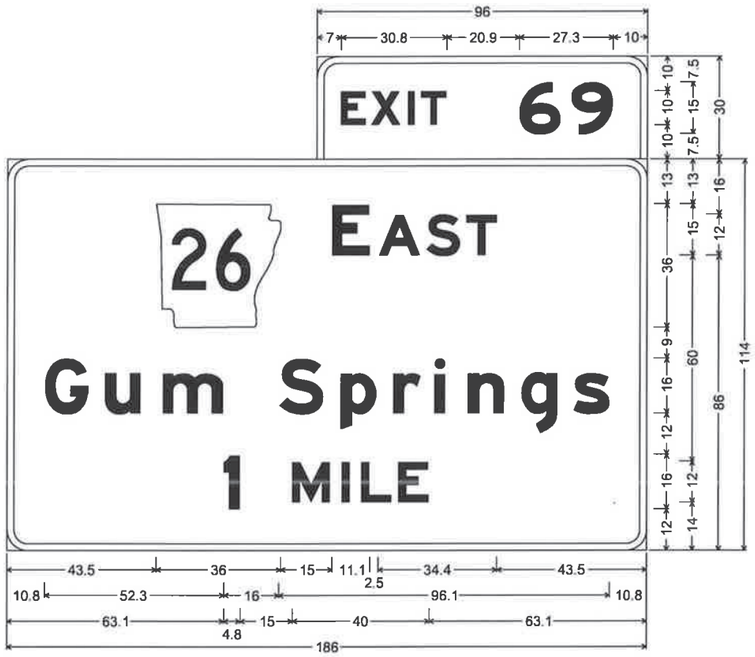
ML30-78-2EB;
3.0" Radius, 1.0" Border, White on Green;
"Caddo", E Mod 2K;
"River", E Mod 2K;



1-23-2023

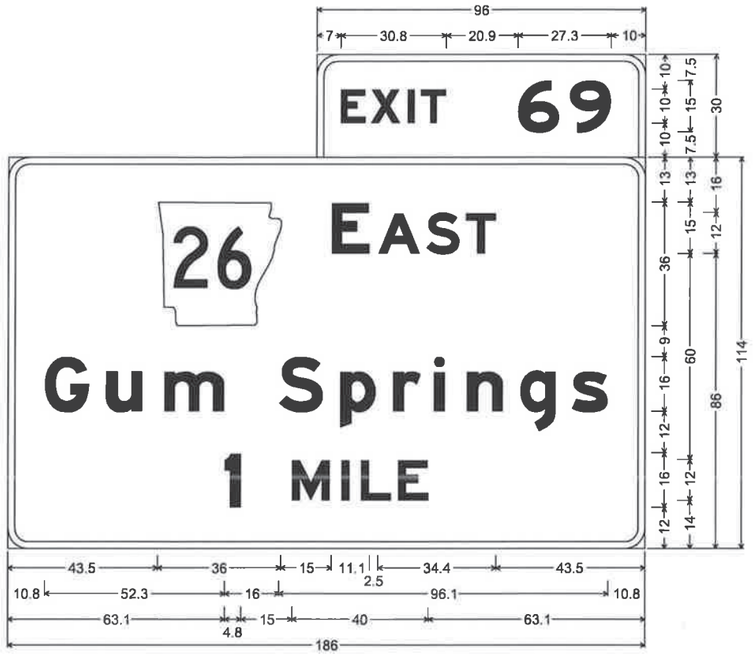
SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	81	98
		SIGN LAYOUT SHEET				



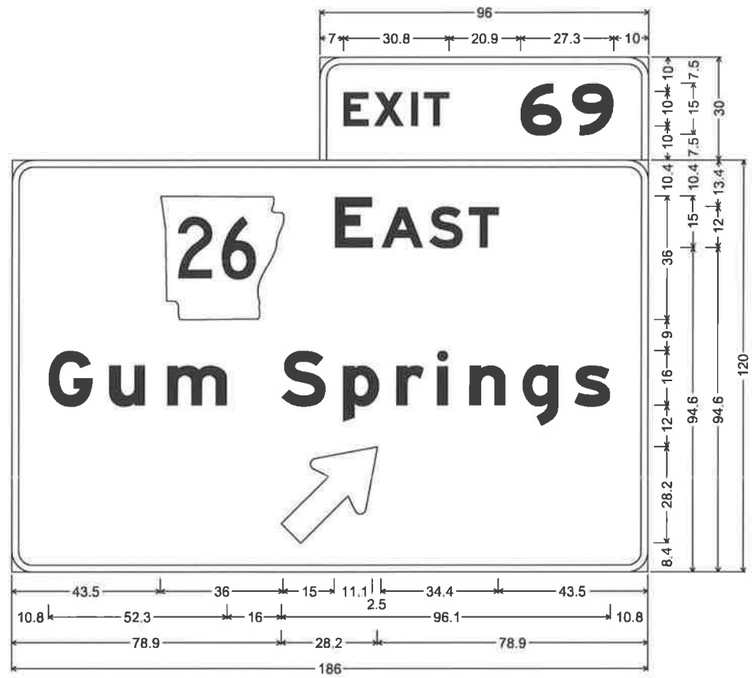
ML30-69-2EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "69", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
M1-6; "E", E Mod 2K; "AST", E Mod 2K; "Gum Springs", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;



ML30-69-1WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "69", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
M1-6; "E", E Mod 2K; "AST", E Mod 2K; "Gum Springs", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;



ML30-69-3EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "69", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
M1-6; "E", E Mod 2K; "AST", E Mod 2K; "Gum Springs", E Mod 2K;
Arrow Custom - 35.8" 45°;



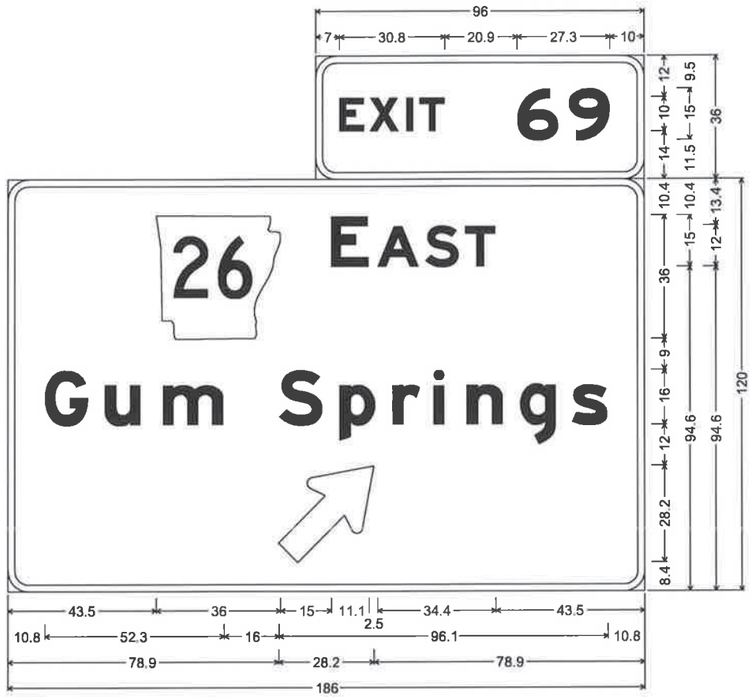
ML30-73-3EB ;
6.0" Radius, 2.0" Border, White on Green;
"Ouachita Bapt Univ", E Mod 2K; "Henderson St Univ", E Mod 2K; "EXIT", E Mod 2K; "73", E Mod 2K;



ML30-78-4WB ;
6.0" Radius, 2.0" Border, White on Green;
"Henderson St Univ", E Mod 2K; "Ouachita Bapt Univ", E Mod 2K; "EXIT", E Mod 2K; "78", E Mod 2K;

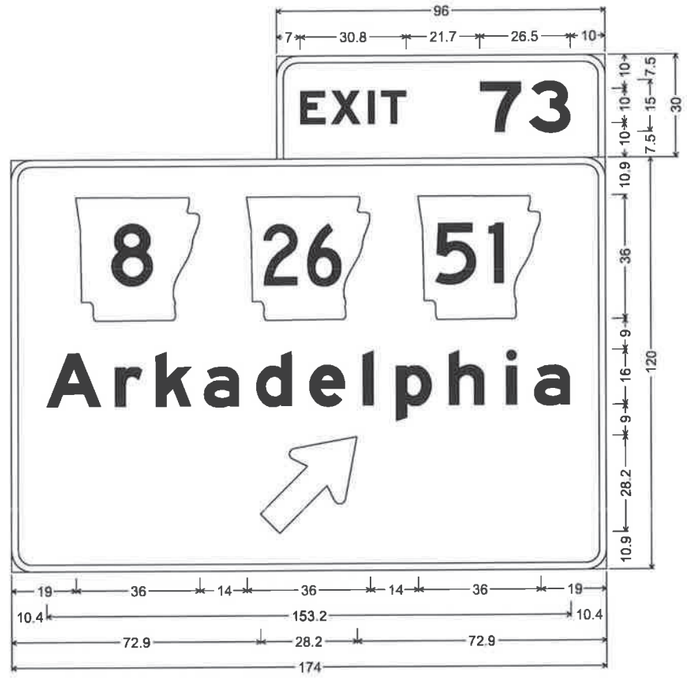
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13836
DERIC M. WYATT
1-23-2023

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	82	98
		SIGN LAYOUT SHEET				



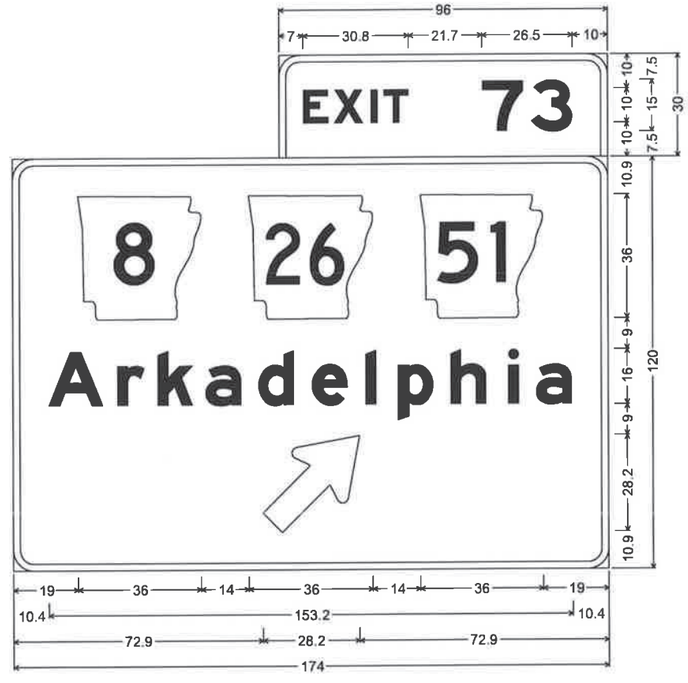
ML30-69-2WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "69", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
M1-6; "E", E Mod 2K; "AST", E Mod 2K; "Gum Springs", E Mod 2K;
Arrow Custom - 35.8" 45°;



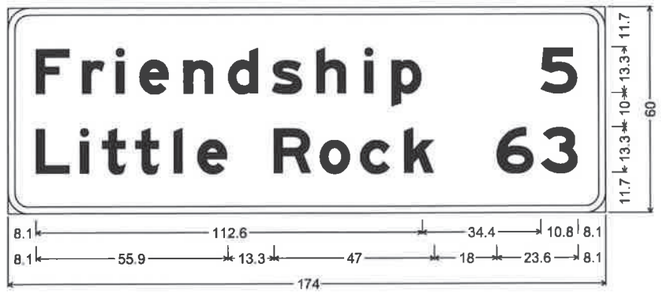
ML30-73-4EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "73", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
M1-6; M1-6; M1-6; "Arkadelphia", E Mod 2K; Arrow Custom - 35.8" 45°;



ML30-73-4WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "73", E Mod 2K;

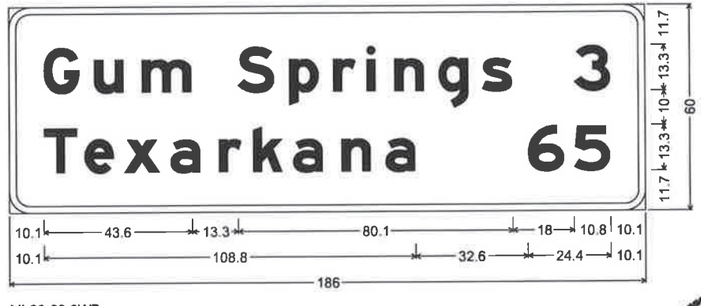
6.0" Radius, 2.0" Border, White on Green;
M1-6; M1-6; M1-6; "Arkadelphia", E Mod 2K; Arrow Custom - 35.8" 45°;



ML30-83-2EB;
6.0" Radius, 2.0" Border, White on Green;
"Friendship", E Mod 2K; "5", E Mod 2K; "Little Rock", E Mod 2K;
"63", E Mod 2K;



ML30-78-2WB;
6.0" Radius, 2.0" Border, White on Green;
"Arkadelphia", E Mod 2K; "NEXT", E Mod 2K; "2", E Mod 2K;
"EXITS", E Mod 2K;

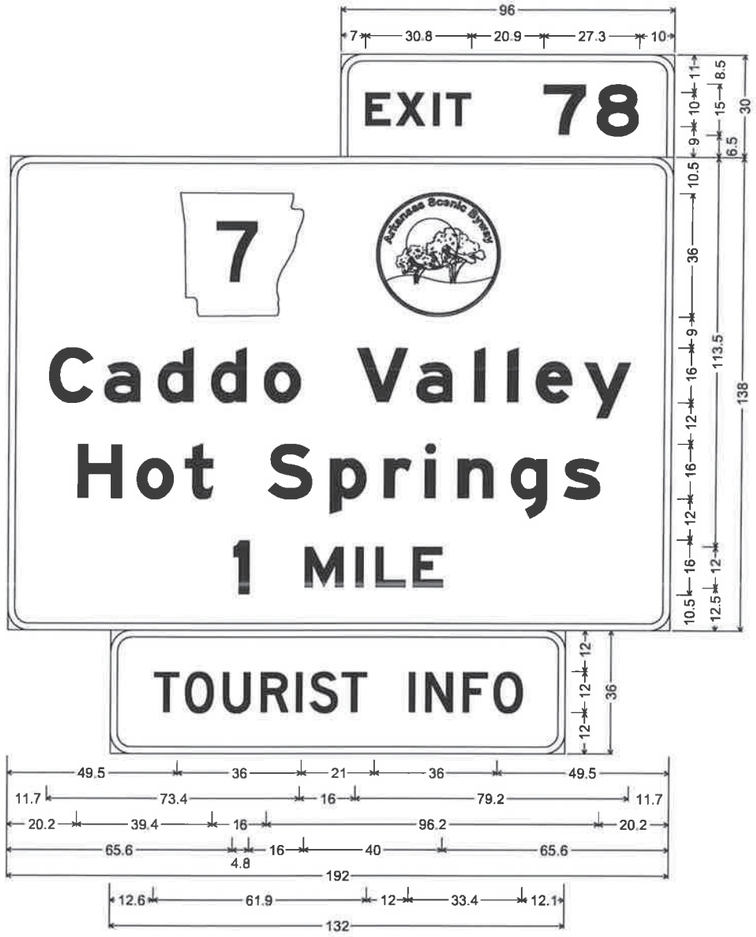


ML30-69-3WB;
6.0" Radius, 2.0" Border, White on Green;
"Gum Springs", E Mod 2K; "3", E Mod 2K; "Texarkana", E Mod 2K; "65", E Mod 2K;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

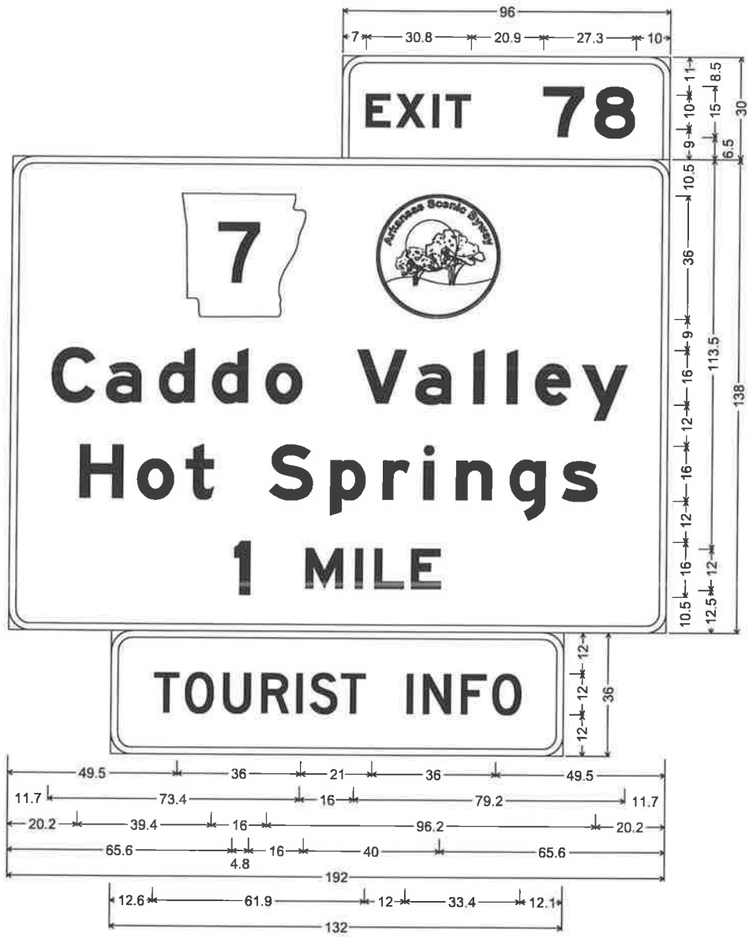
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	83	98
		SIGN LAYOUT SHEET				



ML30-78-1EB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "78", E Mod 2K;

6.0" Radius, 2.0" Border, White on Green;
SCENIC BYWAY; "Caddo Valley", E Mod 2K; "Hot Springs", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;

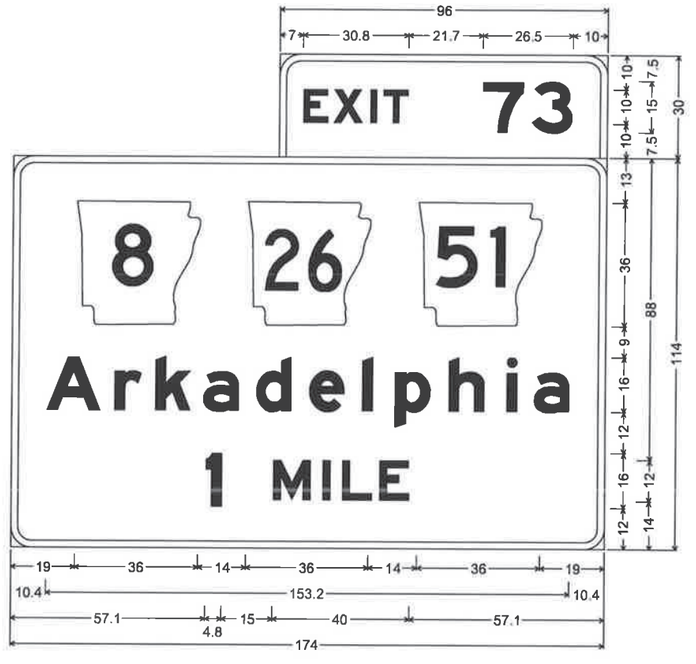
6.0" Radius, 2.0" Border, White on Blue;
"TOURIST INFO", D 2K;



ML30-78-3WB;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "78", E Mod 2K;

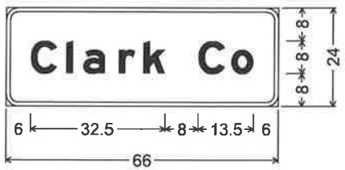
6.0" Radius, 2.0" Border, White on Green;
SCENIC BYWAY; "Caddo Valley", E Mod 2K; "Hot Springs", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;

6.0" Radius, 2.0" Border, White on Blue;
"TOURIST INFO", D 2K;

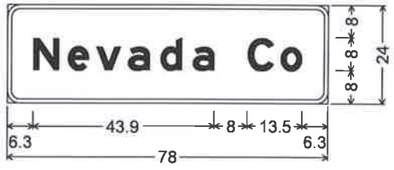


ML30-73-1EB ;
6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "73", E Mod 2K;

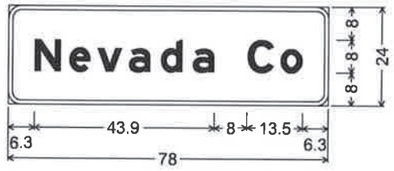
6.0" Radius, 2.0" Border, White on Green;
M1-6; M1-6; M1-6; "Arkadelphia", E Mod 2K; "1", E Mod 2K; "MILE", E Mod 2K;



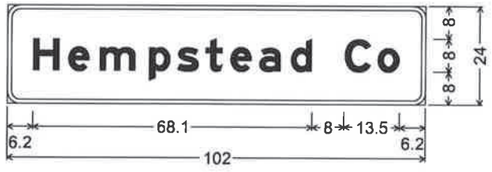
ML30-54-3EB;
3.0" Radius, 1.0" Border, White on Green;
"Clark Co", E Mod 2K;



ML30-44-1EB;
3.0" Radius, 1.0" Border, White on Green;
"Nevada Co", E Mod 2K;



ML30-46-1WB;
3.0" Radius, 1.0" Border, White on Green;
"Nevada Co", E Mod 2K;



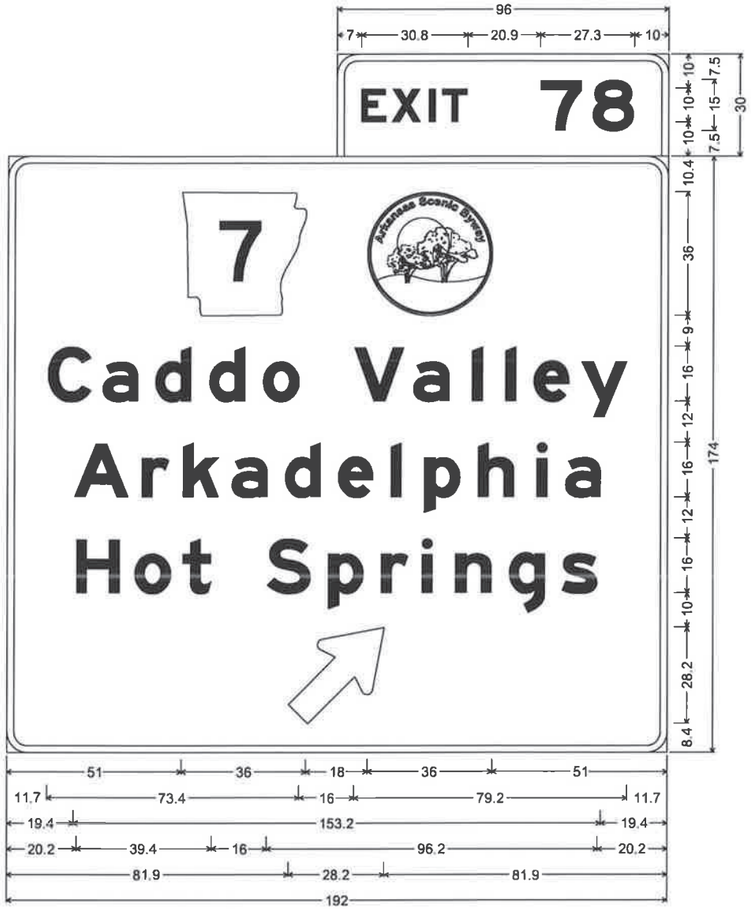
ML30-36-2WB;
3.0" Radius, 1.0" Border, White on Green;
"Hempstead Co", E Mod 2K;



1-23-2023

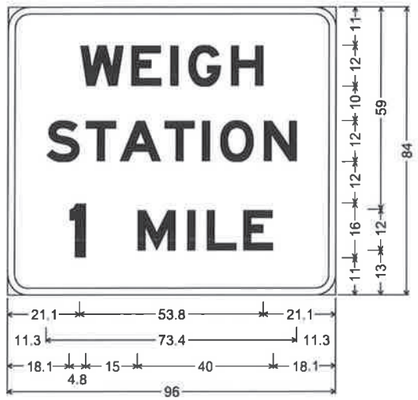
SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	84	98
		SIGN LAYOUT SHEET				

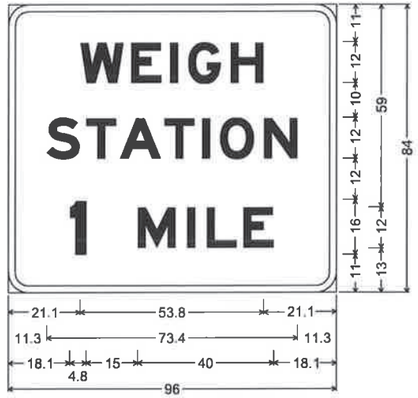


6.0" Radius, 2.0" Border, White on Green;
"EXIT", E Mod 2K; "78", E Mod 2K;

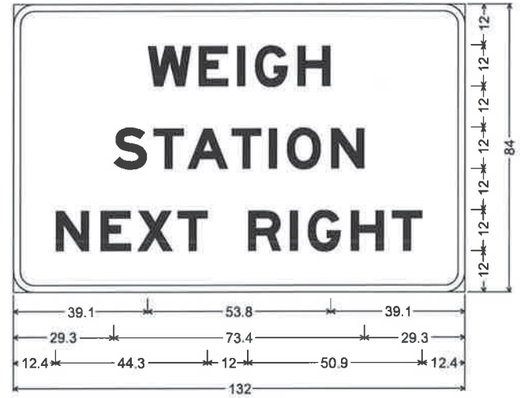
ML30-78-6WB ;
6.0" Radius, 2.0" Border, White on Green;
SCENIC BYWAY; "Caddo Valley", E Mod 2K; "Arkadelphia", E Mod 2K;
"Hot Springs", E Mod 2K; Arrow Custom - 35.8" 45°;



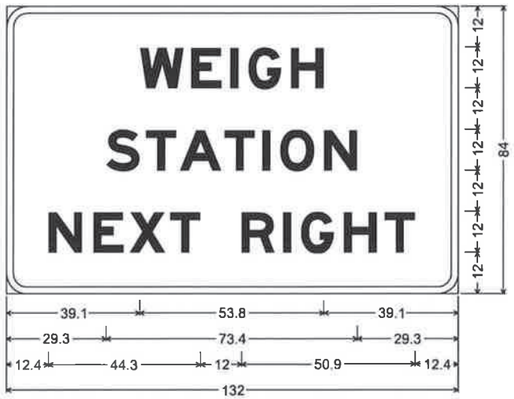
ML30-WS-1WB;
6.0" Radius, 2.0" Border, White on Green;
"WEIGH", E Mod 2K;
"STATION", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;



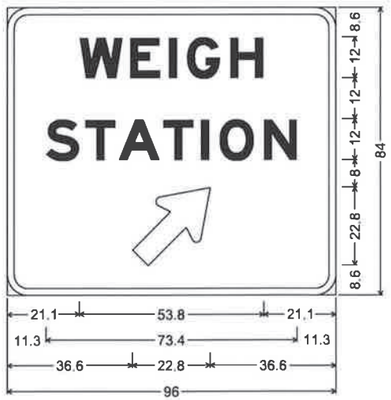
ML30-WS-1EB ;
6.0" Radius, 2.0" Border, White on Green;
"WEIGH", E Mod 2K;
"STATION", E Mod 2K; "1", E Mod 2K;
"MILE", E Mod 2K;



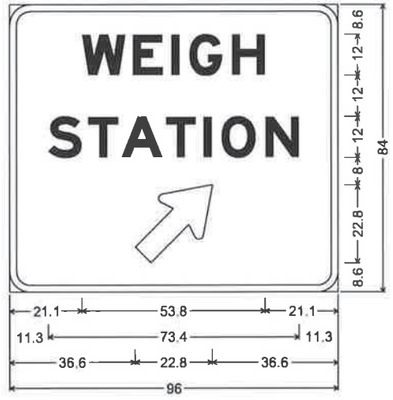
ML30-WS-4EB ;
6.0" Radius, 2.0" Border, White on Green;
"WEIGH", E Mod 2K; "STATION", E Mod 2K;
"NEXT RIGHT", E Mod 2K;



ML30-WS-4WB ;
6.0" Radius, 2.0" Border, White on Green;
"WEIGH", E Mod 2K; "STATION", E Mod 2K;
"NEXT RIGHT", E Mod 2K;



ML30-WS-5EB ;
6.0" Radius, 2.0" Border, White on Green;
"WEIGH", E Mod 2K;
"STATION", E Mod 2K;
Standard Arrow Custom 0.0" X 17.6" 45°;



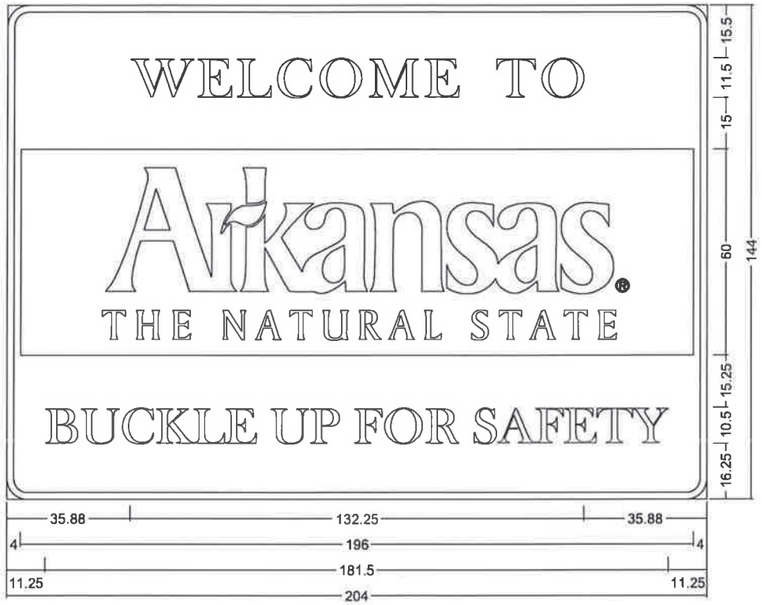
ML30-WS-5WB;
6.0" Radius, 2.0" Border, White on Green;
"WEIGH", E Mod 2K;
"STATION", E Mod 2K;
Standard Arrow Custom 0.0" X 17.6" 45°;



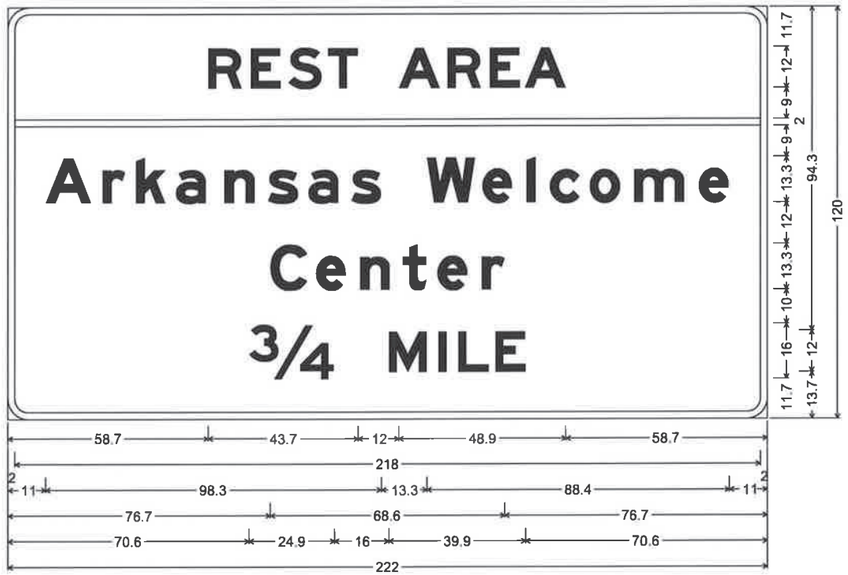
1-23-2023

SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	85	98
		SIGN LAYOUT SHEET				



ML30-2-1EB;
6.00" Radius, 2.00" Border, White on Blue;
Welcome; Arkansas; Buckle;



ML30-WC-1EB;
6.0" Radius, 2.0" Border, White on Blue;
"REST AREA", E Mod 2K; "Arkansas Welcome", E Mod 2K; "Center", E Mod 2K; "3/4", E Mod 2K;
"MILE", E Mod 2K;



EXITWC-EB;
6.0" Radius, 2.0" Border, White on Blue;
"REST AREA", E Mod 2K; "Arkansas", E Mod 2K;
"Welcome", E Mod 2K; "Center", E Mod 2K;
Arrow Custom - 29.0" 45°;



ML30-31-3EB ;
6.0" Radius, 2.0" Border, White on Blue;
"State Police HQ", E Mod 2K; "EXIT", E Mod 2K; "31", E Mod 2K;

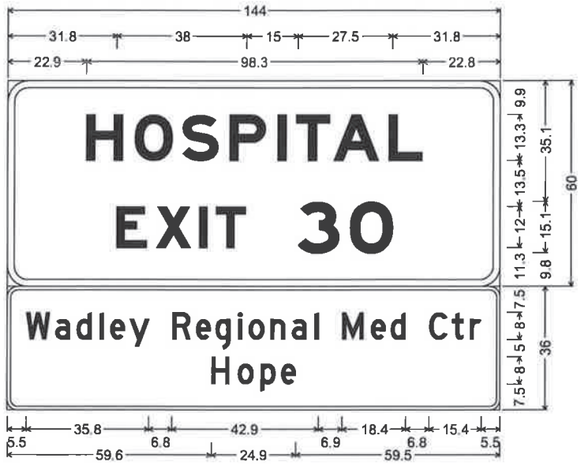


ML30-31-4WB;
6.0" Radius, 2.0" Border, White on Blue;
"State Police HQ", E Mod 2K; "EXIT", E Mod 2K; "31", E Mod 2K;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

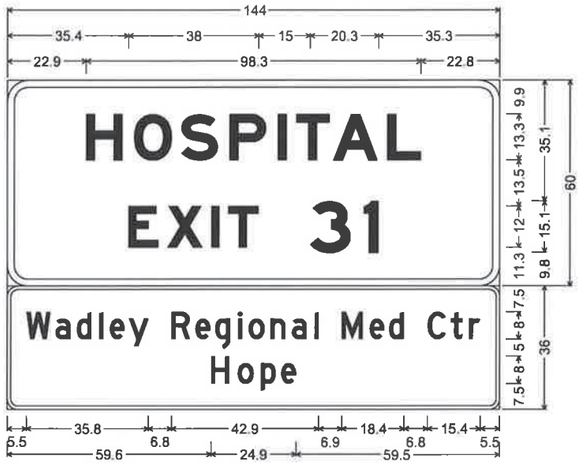
1-23-2023

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	86	98
		SIGN LAYOUT SHEET				



ML30-30-4EB;
6.0" Radius, 2.0" Border, White on Blue;
"HOSPITAL", E Mod; "EXIT", E Mod; "30", E Mod;

3.0" Radius, 1.0" Border, White on Blue;
"Wadley Regional Med Ctr", D 85% spacing; "Hope", D;



ML30-31-6WB;
6.0" Radius, 2.0" Border, White on Blue;
"HOSPITAL", E Mod; "EXIT", E Mod; "31", E Mod;

3.0" Radius, 1.0" Border, White on Blue;
"Wadley Regional Med Ctr", D 85% spacing; "Hope", D;



ML30-73-2EB;
6.0" Radius, 2.0" Border, White on Blue;
"HOSPITAL", E Mod; "EXIT", E Mod; "73", E Mod;

3.0" Radius, 1.0" Border, White on Blue;
"Baptist Health Med Ctr", D; "Arkadelphia", D;



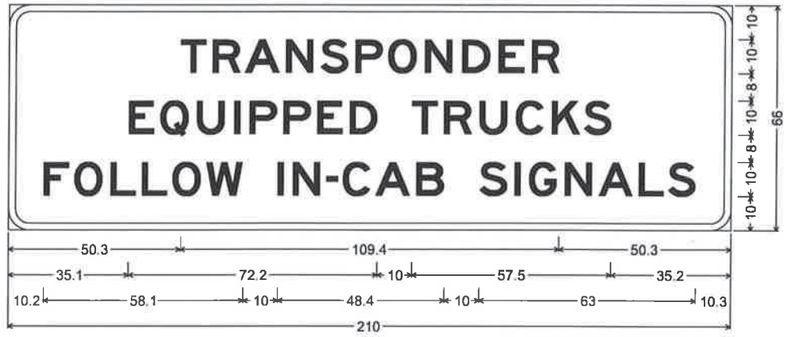
ML30-73-3WB;
6.0" Radius, 2.0" Border, White on Blue;
"HOSPITAL", E Mod; "EXIT", E Mod; "73", E Mod;

3.0" Radius, 1.0" Border, White on Blue;
"Baptist Health Med Ctr", D; "Arkadelphia", D;

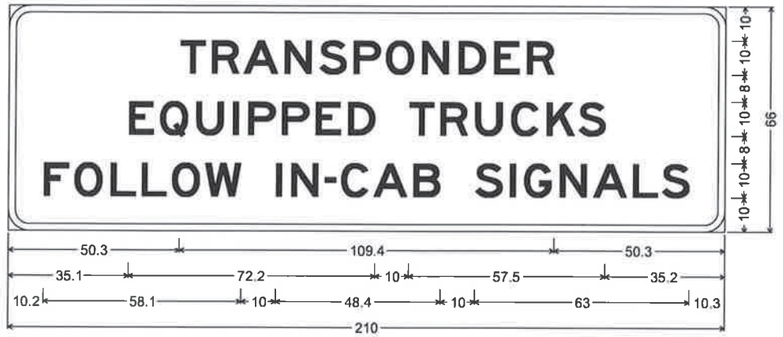
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

1-23-2023

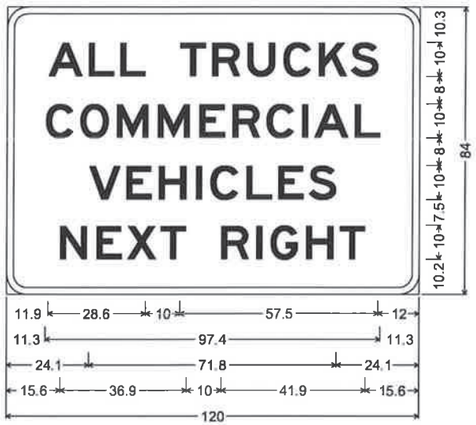
DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	87	98
		SIGN LAYOUT SHEET				



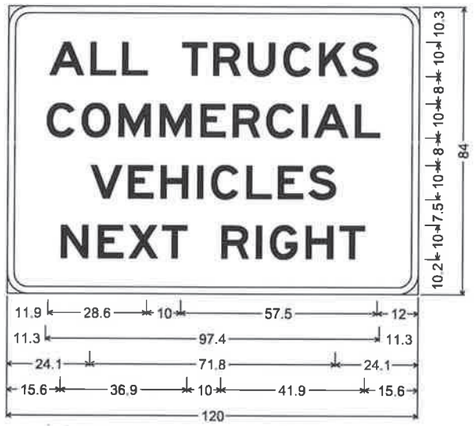
ML30-WS-2EB;
6.0" Radius, 2.0" Border, Black on White;
"TRANSPONDER", E 2K; "EQUIPPED TRUCKS", E 2K; "FOLLOW IN-CAB SIGNALS", E 2K;



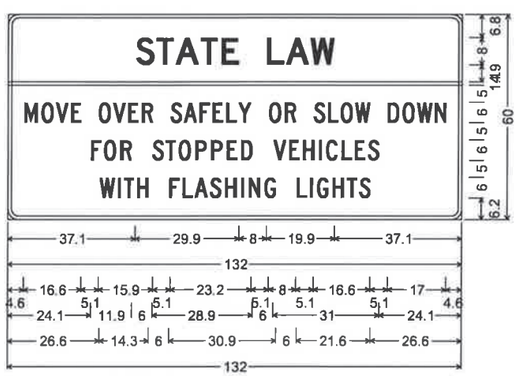
ML30-WS-2WB;
6.0" Radius, 2.0" Border, Black on White;
"TRANSPONDER", E 2K; "EQUIPPED TRUCKS", E 2K; "FOLLOW IN-CAB SIGNALS", E 2K;



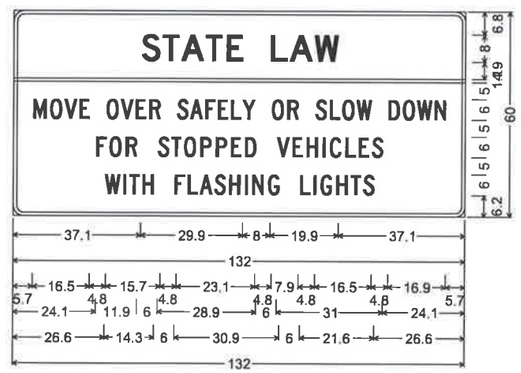
ML30-WS-3EB;
6.0" Radius, 2.0" Border, Black on White;
"ALL TRUCKS", E 2K; "COMMERCIAL", E 2K;
"VEHICLES", E 2K; "NEXT RIGHT", E 2K;



ML30-WS-3WB;
6.0" Radius, 2.0" Border, Black on White;
"ALL TRUCKS", E 2K; "COMMERCIAL", E 2K;
"VEHICLES", E 2K; "NEXT RIGHT", E 2K;



ML30-69-1EB;
3.0" Radius, 1.0" Border, Black on White;
"STATE LAW", D 2K;
"MOVE OVER SAFELY OR SLOW DOWN", C 2K 85% spacing;
"FOR STOPPED VEHICLES", C 2K;
"WITH FLASHING LIGHTS", C 2K;



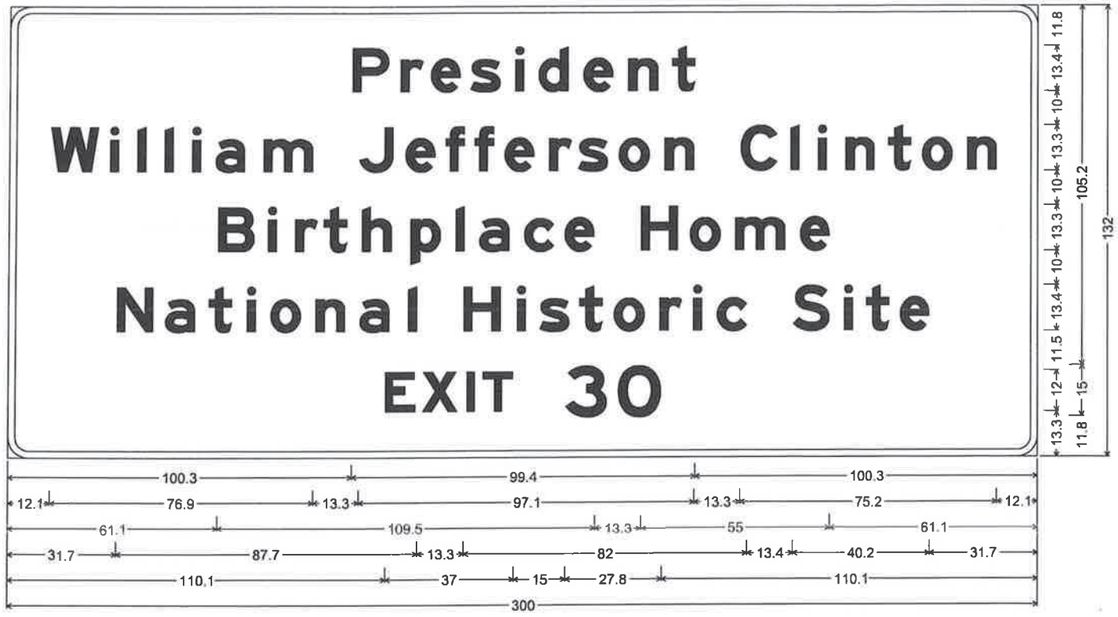
ML30-63-2WB;
3.0" Radius, 1.0" Border, Black on White;
"STATE LAW", D 2K;
"MOVE OVER SAFELY OR SLOW DOWN", C 2K 80% spacing;
"FOR STOPPED VEHICLES", C 2K;
"WITH FLASHING LIGHTS", C 2K;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13836
DERIC M. WYATT

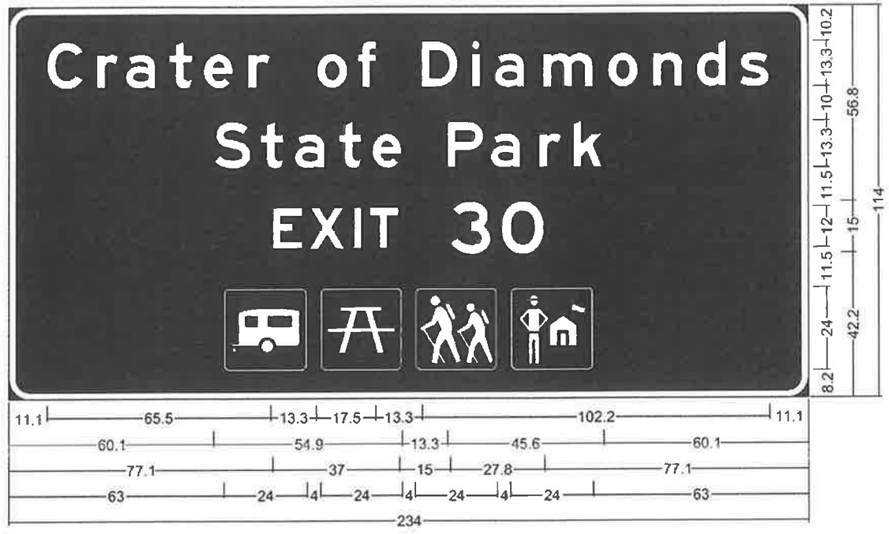
1-23-2023

SIGN LAYOUT SHEET

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	88	98
		SIGN LAYOUT SHEET				

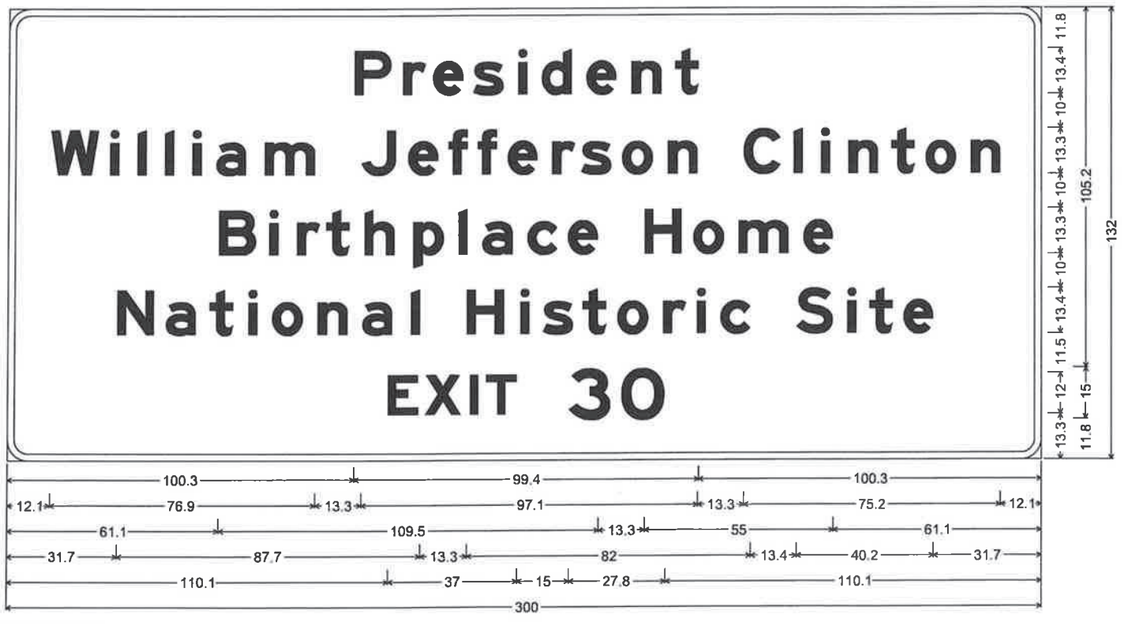


ML30-30-1WB;
6.0" Radius, 2.0" Border, White on Brown;
"President", E Mod 2K; "William Jefferson Clinton", E Mod 2K; "Birthplace Home", E Mod 2K; "National Historic Site", E Mod 2K;
"EXIT", E Mod 2K; "30", E Mod 2K;



ML30-30-5EB ;

6.0" Radius, 2.0" Border, White on Brown;
"Crater of Diamonds", E Mod 2K; "State Park", E Mod 2K; "EXIT", E Mod 2K; "30", E Mod 2K; RM-020;
RM-120; RL-100; RG-170;



ML30-30-1EB ;
6.0" Radius, 2.0" Border, White on Brown;
"President", E Mod 2K; "William Jefferson Clinton", E Mod 2K; "Birthplace Home", E Mod 2K; "National Historic Site", E Mod 2K;
"EXIT", E Mod 2K; "30", E Mod 2K;



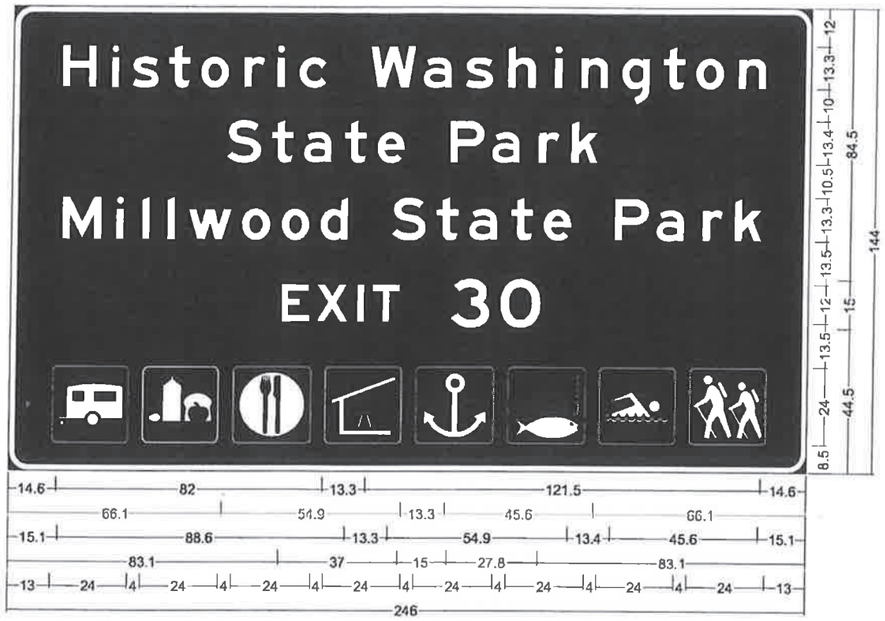
ML30-63-4WB ;
6.0" Radius, 2.0" Border, White on Brown;
"White Oak Lake", E Mod 2K; "State Park", E Mod 2K; "EXIT", E Mod 2K;
"63", E Mod 2K;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

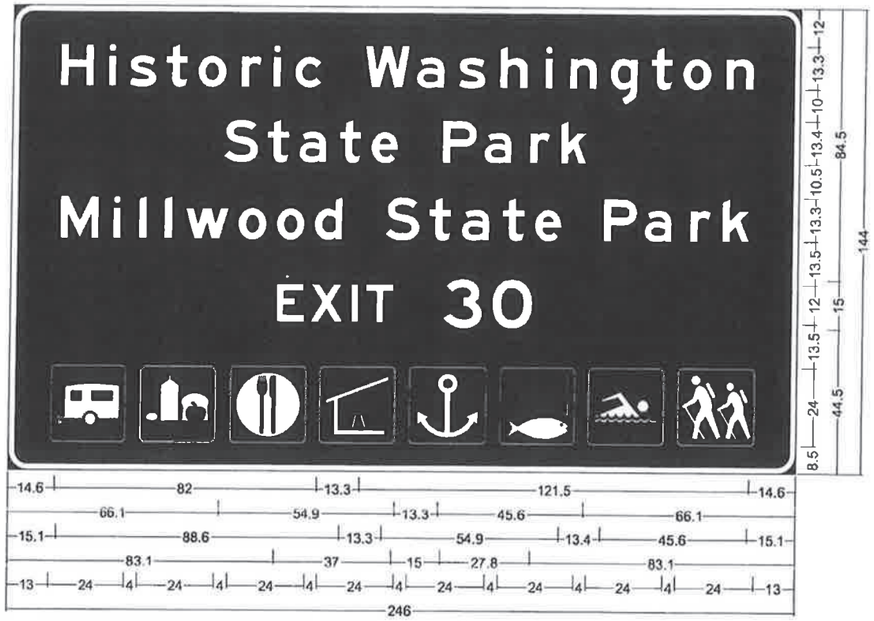
1-23-2023

SIGN LAYOUT SHEET

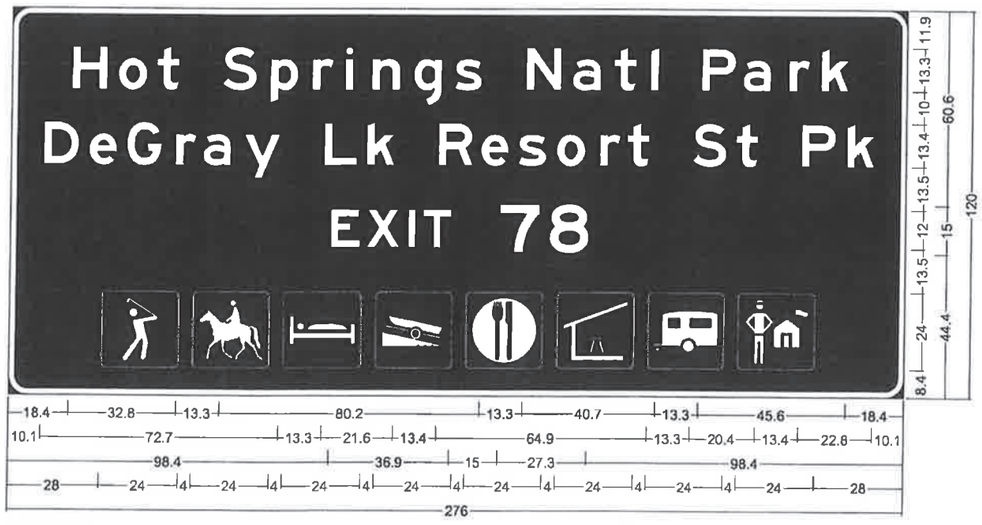
DATE REVISED	DATE REVISED	FED.RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
		6	ARK.	012439	89	98
		SIGN LAYOUT SHEET				



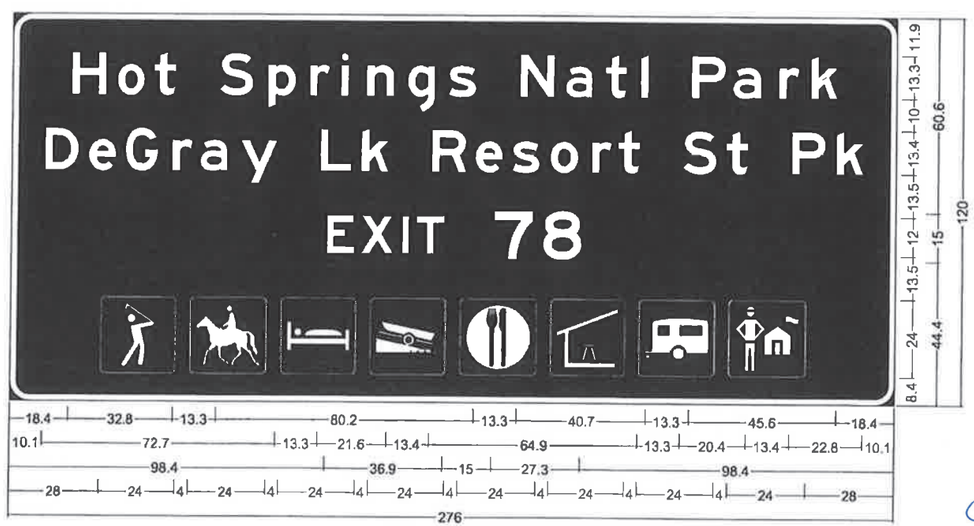
ML30-30-2WB;
6.0" Radius, 2.0" Border, White on Brown;
"Historic Washington", E Mod 2K; "State Park", E Mod 2K; "Millwood State Park", E Mod 2K; "EXIT", E Mod 2K;
"30", E Mod 2K; RM-020; RM-070; RM-050; RM-130; RW-060; RW-050; RW-130; RL-100;



ML30-30-6EB ;
6.0" Radius, 2.0" Border, White on Brown;
"Historic Washington", E Mod 2K; "State Park", E Mod 2K; "Millwood State Park", E Mod 2K; "EXIT", E Mod 2K;
"30", E Mod 2K; RM-020; RM-070; RM-050; RM-130; RW-060; RW-050; RW-130; RL-100;



ML30-78-3EB ;
6.0" Radius, 2.0" Border, White on Brown;
"Hot Springs Natl Park", E Mod 2K; "DeGray Lk Resort St Pk", E Mod 2K; "EXIT", E Mod 2K; "78", E Mod 2K; RS-128; RL-110;
RM-090; RW-080; RM-050; RM-130; RM-020; RG-170;

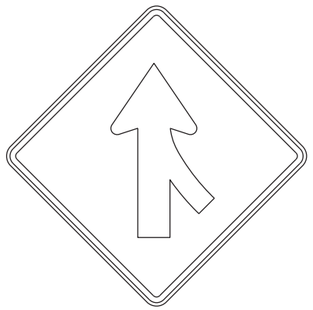


ML30-78-5WB ;
6.0" Radius, 2.0" Border, White on Brown;
"Hot Springs Natl Park", E Mod 2K; "DeGray Lk Resort St Pk", E Mod 2K; "EXIT", E Mod 2K; "78", E Mod 2K; RS-128; RL-110;
RM-090; RW-080; RM-050; RM-130; RM-020; RG-170;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13886
DERIC M. WYATT

1-23-2023

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/2/2023		6	ARK.	012439	90	98
		STANDARD SIGN ASSEMBLIES				



W4-1R
48"X48"

SS30 - 0.531EB
SS30 - 0.883EB
SS30 - 2.268EB
SS30 - 140.949WB
SS30 - 139.995WB
SS30 - 3.421EB
SS30 - 6.646EB
SS30 - 7.249EB
SS30 - 136.594WB
SS30 - 131.646WB
SS30 - 17.840EB
SS30 - 125.218WB
SS30 - 25.913EB
SS30 - 117.278WB
SS30 - 30.118EB
SS30 - 113.069WB
SS30 - 31.076EB
SS30 - 111.884WB
SS30 - 36.389EB
SS30 - 106.690WB

SS30 - 44.173EB
SS30 - 99.148WB
SS30 - 46.207EB
SS30 - 96.949WB
SS30 - 56.552EB
SS30 - 89.300WB
SS30 - 85.734WB
SS30 - 62.765EB
SS30 - 80.195WB
SS30 - 69.384EB
SS30 - 73.691WB
SS30 - 73.003EB
SS30 - 70.454WB
SS30 - 77.758EB
SS30 - 65.371WB



W8-13
48"X48"

SS30 - 4.788EB
SS30 - 5.543EB
SS30 - 137.937WB
SS30 - 137.188WB
SS30 - 11.321EB
SS30 - 13.684EB
SS30 - 129.004WB
SS30 - 14.943EB
SS30 - 127.723WB
SS30 - 18.151EB
SS30 - 125.430WB
SS30 - 20.105EB
SS30 - 122.364WB
SS30 - 23.141EB
SS30 - 23.891EB
SS30 - 119.517WB
SS30 - 118.775WB
SS30 - 26.318EB
SS30 - 26.841EB
SS30 - 116.322WB

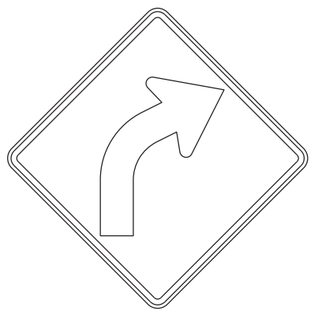
SS30 - 115.564WB
SS30 - 29.008EB
SS30 - 30.569EB
SS30 - 113.573WB
SS30 - 111.901WB
SS30 - 34.477EB
SS30 - 108.015WB
SS30 - 38.296EB
SS30 - 104.354WB
SS30 - 39.644EB
SS30 - 103.009WB
SS30 - 50.383EB
SS30 - 52.160EB
SS30 - 52.874EB
SS30 - 92.287WB
SS30 - 90.104WB
SS30 - 89.617WB
SS30 - 58.694EB
SS30 - 84.217WB
SS30 - 61.850EB

SS30 - 80.728WB
SS30 - 63.247EB
SS30 - 63.919EB
SS30 - 64.232EB
SS30 - 79.354WB
SS30 - 78.685WB
SS30 - 78.357WB
SS30 - 65.494EB
SS30 - 77.151WB
SS30 - 69.637EB
SS30 - 72.865WB
SS30 - 71.493WB
SS30 - 76.650EB
SS30 - 77.454EB
SS30 - 65.697WB
SS30 - 65.181WB
SS30 - 80.493EB



W13-6
48"X84"

SS30 - 30.852EB
SS30 - 79.981WB



W1-2R
48"X48"

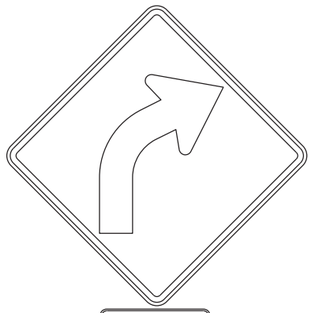
SS30 - 58.530EB (2EA)
SS30 - 77.171EB (2EA)



W1-2L
48"X48"

SS30 - 65.048WB (2EA)

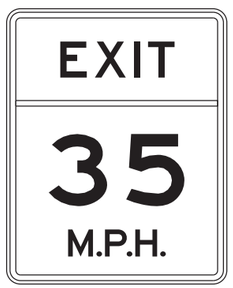
W1-2R
48"X48"



SS30 - 130.848WB (2EA)

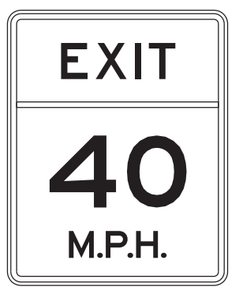
W13-1
24"X24"





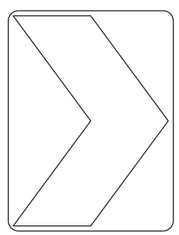
W13-2
48"X60"

SS30 - 25.478EB
SS30 - 116.715WB



W13-2
48"X60"

SS30 - 56.229EB
SS30 - 85.372WB



W1-8
36"X48"

SS30 - 11.679-11.981EB (9EA)
SS30 - 130.987-131.290WB (17EA)



2-2-2023

STANDARD SIGN ASSEMBLIES

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/2/2023		6	ARK.	012439	91	98
		STANDARD SIGN ASSEMBLIES				

M3-2i
36"X18"



M1-1
36"X36"

SS30 - 1.251EB
SS30 - 2.513EB
SS30 - 4.041EB
SS30 - 7.624EB
SS30 - 18.231EB
SS30 - 30.459EB
SS30 - 31.381EB
SS30 - 36.780EB
SS30 - 44.505EB
SS30 - 46.527EB
SS30 - 54.098EB
SS30 - 63.138EB
SS30 - 69.687EB
SS30 - 73.350EB
SS30 - 78.086EB

M3-4i
36"X18"



M1-1
36"X36"

SS30 - 141.351WB
SS30 - 140.368WB
SS30 - 131.846WB
SS30 - 125.511WB
SS30 - 113.466WB
SS30 - 107.084WB
SS30 - 99.450WB
SS30 - 97.248WB
SS30 - 89.670WB
SS30 - 80.400WB
SS30 - 74.012WB
SS30 - 70.758WB
SS30 - 65.762WB

SPECIAL
48"X18"



SPECIAL
48"X60"



SS30 - 132.159WB
SS30 - 126.021WB
SS30 - 107.420WB

R2-1
48"X60"



R2-2
48"X48"



SS30 - 99.732WB



R2-1
48"X60"

SS30 - 1.611EB

AUTHORIZED
VEHICLES
ONLY

R5-11
30"X24"

SS30 - 4.392EB (2EA)
SS30 - 15.556EB (2EA)
SS30 - 16.144EB (2EA)
SS30 - 20.521EB (2EA)
SS30 - 22.254EB (2EA)
SS30 - 25.090EB (2EA)
SS30 - 26.342EB (2EA)
SS30 - 34.158EB (2EA)
SS30 - 39.575EB (2EA)
SS30 - 41.125EB (2EA)
SS30 - 48.744EB (2EA)
SS30 - 51.792EB (2EA)
SS30 - 55.921EB (2EA)
SS30 - 58.009EB (2EA)
SS30 - 60.010EB (2EA)
SS30 - 65.358EB (2EA)
SS30 - 75.270EB (2EA)

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

2-2-2023

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/2/2023		6	ARK.	012439	92	98
		STANDARD SIGN ASSEMBLIES				



SS30 - 1.000EB
SS30 - 141.938WB

D10-1
12"X24"



SS30 - 2.000EB
SS30 - 140.947WB

D10-1
12"X24"



SS30 - 3.000EB
SS30 - 140.054WB

D10-1
12"X24"



SS30 - 3.947EB
SS30 - 139.055WB

D10-1
12"X24"



SS30 - 5.006EB
SS30 - 137.864WB

D10-1
12"X24"



SS30 - 6.043EB
SS30 - 136.864WB

D10-1
12"X24"



SS30 - 6.993EB
SS30 - 136.012WB

D10-1
12"X24"



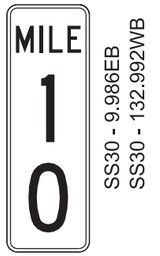
SS30 - 8.000EB
SS30 - 134.980WB

D10-1
12"X24"



SS30 - 8.989EB
SS30 - 133.992WB

D10-1
12"X24"



SS30 - 9.986EB
SS30 - 132.992WB

D10-2
12"X36"



SS30 - 10.998EB
SS30 - 131.936WB

D10-2
12"X36"



SS30 - 12.031EB
SS30 - 130.936WB

D10-2
12"X36"



SS30 - 13.036EB
SS30 - 129.929WB

D10-2
12"X36"



SS30 - 14.002EB
SS30 - 128.962WB

D10-2
12"X36"



SS30 - 15.005EB
SS30 - 127.948WB

D10-2
12"X36"



SS30 - 16.000EB
SS30 - 126.948WB

D10-2
12"X36"



SS30 - 17.000EB
SS30 - 125.973WB

D10-2
12"X36"



SS30 - 17.950EB
SS30 - 124.973EB

D10-2
12"X36"



SS30 - 18.975EB
SS30 - 123.864WB

D10-2
12"X36"



SS30 - 20.000EB
SS30 - 123.067WB

D10-2
12"X36"



SS30 - 21.000EB
SS30 - 122.059WB

D10-2
12"X36"



SS30 - 22.000EB
SS30 - 120.970WB

D10-2
12"X36"



SS30 - 23.000EB
SS30 - 119.864WB

D10-2
12"X36"



SS30 - 23.920EB
SS30 - 119.020WB

D10-2
12"X36"



SS30 - 25.000EB
SS30 - 118.012WB

D10-2
12"X36"



SS30 - 26.000EB
SS30 - 117.044WB

D10-2
12"X36"



SS30 - 27.000EB
SS30 - 115.978WB

D10-2
12"X36"



SS30 - 27.960EB
SS30 - 114.981WB

D10-2
12"X36"



SS30 - 28.964EB
SS30 - 113.970WB

D10-2
12"X36"



SS30 - 29.968EB
SS30 - 112.975WB

D10-2
12"X36"



SS30 - 31.000EB
SS30 - 111.940WB

D10-2
12"X36"



SS30 - 31.998EB
SS30 - 110.958WB

D10-2
12"X36"



SS30 - 32.996EB
SS30 - 108.931WB

D10-2
12"X36"



SS30 - 34.019EB
SS30 - 108.931WB

D10-2
12"X36"



SS30 - 34.996EB
SS30 - 107.931WB

D10-2
12"X36"



SS30 - 36.061EB
SS30 - 106.874WB

D10-2
12"X36"



SS30 - 37.000EB
SS30 - 105.896WB

D10-2
12"X36"



SS30 - 38.000EB
SS30 - 104.908WB

D10-2
12"X36"



SS30 - 39.000EB
SS30 - 103.899WB

D10-2
12"X36"



SS30 - 40.037EB
SS30 - 102.904WB

D10-2
12"X36"



SS30 - 41.000EB
SS30 - 101.945WB

D10-2
12"X36"



SS30 - 42.003EB
SS30 - 100.938WB

D10-2
12"X36"



SS30 - 43.000EB
SS30 - 100.012WB

D10-2
12"X36"



SS30 - 44.000EB
SS30 - 99.029WB

D10-2
12"X36"



2-2-2023

STANDARD SIGN ASSEMBLIES

DATE REVISED	DATE REVISED	FED. RD. DIST. NO.	STATE	JOB NO.	SHEET NO.	TOTAL SHEETS
2/2/2023		6	ARK.	012439	93	98
		STANDARD SIGN ASSEMBLIES				



SS30 - 45.000EB
SS30 - 97.997WB

D10-2
12"X36"



SS30 - 45.977EB
SS30 - 96.966WB

D10-2
12"X36"



SS30 - 47.000EB
SS30 - 96.027WB

D10-2
12"X36"



SS30 - 48.000EB
SS30 - 95.012WB

D10-2
12"X36"



SS30 - 49.000EB
SS30 - 93.800WB

D10-2
12"X36"



SS30 - 50.000EB
SS30 - 92.820WB

D10-2
12"X36"



SS30 - 51.010EB
SS30 - 91.848WB

D10-2
12"X36"



SS30 - 52.095EB
SS30 - 90.934WB

D10-2
12"X36"



SS30 - 53.006EB
SS30 - 89.934WB

D10-2
12"X36"



SS30 - 54.000EB
SS30 - 88.886WB

D10-2
12"X36"



SS30 - 55.042EB
SS30 - 87.998WB

D10-2
12"X36"



SS30 - 56.045EB
SS30 - 89.910WB

D10-2
12"X36"



SS30 - 57.050EB
SS30 - 85.864WB

D10-2
12"X36"



SS30 - 58.005EB
SS30 - 84.900WB

D10-2
12"X36"



SS30 - 59.054EB
SS30 - 83.960WB

D10-2
12"X36"



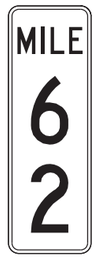
SS30 - 59.970EB
SS30 - 82.900WB

D10-2
12"X36"



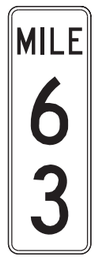
SS30 - 61.087EB
SS30 - 81.869WB

D10-2
12"X36"



SS30 - 61.954EB
SS30 - 81.001WB

D10-2
12"X36"



SS30 - 63.031EB
SS30 - 79.875WB

D10-2
12"X36"



SS30 - 64.015EB
SS30 - 79.014WB

D10-2
12"X36"



SS30 - 65.050EB
SS30 - 78.014WB

D10-2
12"X36"



SS30 - 66.000EB
SS30 - 76.880WB

D10-2
12"X36"



SS30 - 67.000EB
SS30 - 75.887WB

D10-2
12"X36"



SS30 - 68.000EB
SS30 - 74.876WB

D10-2
12"X36"



SS30 - 69.000EB
SS30 - 74.001WB

D10-2
12"X36"



SS30 - 70.060EB
SS30 - 72.905WB

D10-2
12"X36"



SS30 - 71.061EB
SS30 - 72.006WB

D10-2
12"X36"



SS30 - 72.000EB
SS30 - 70.902WB

D10-2
12"X36"



SS30 - 73.010EB
SS30 - 70.018WB

D10-2
12"X36"



SS30 - 74.000EB
SS30 - 69.005WB

D10-2
12"X36"



SS30 - 74.991EB
SS30 - 68.009WB

D10-2
12"X36"



SS30 - 76.005EB
SS30 - 66.857WB

D10-2
12"X36"



SS30 - 77.000EB
SS30 - 65.857WB

D10-2
12"X36"



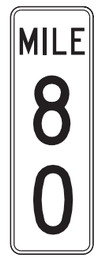
SS30 - 78.048EB
SS30 - 64.948WB

D10-2
12"X36"



SS30 - 79.000EB
SS30 - 63.897WB

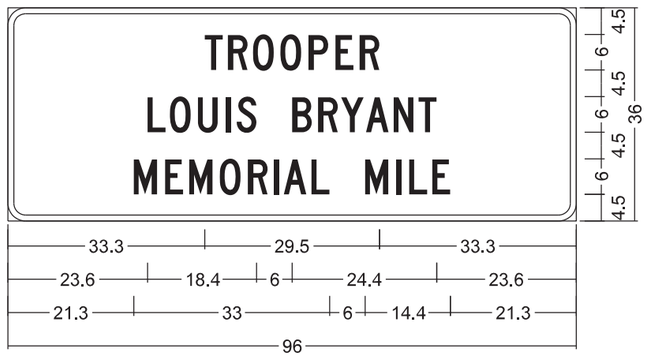
D10-2
12"X36"



SS30 - 80.094EB
SS30 - 62.897WB

D10-2
12"X36"

SPECIAL (BLUE)
96"X36"



SS30 - 6.010EB
SS30 - 136.001WB

3.0" Radius, 1.0" Border, White on Blue;
"TROOPER", C 2K; "LOUIS BRYANT", C 2K;
"MEMORIAL MILE", C 2K;

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13856
DERIC M. WYATT

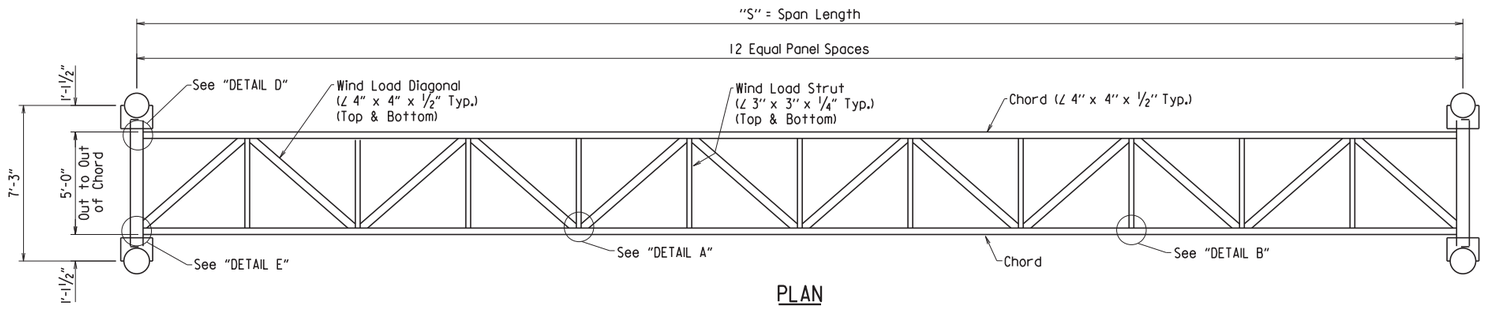
2-2-2023

STANDARD SIGN ASSEMBLIES

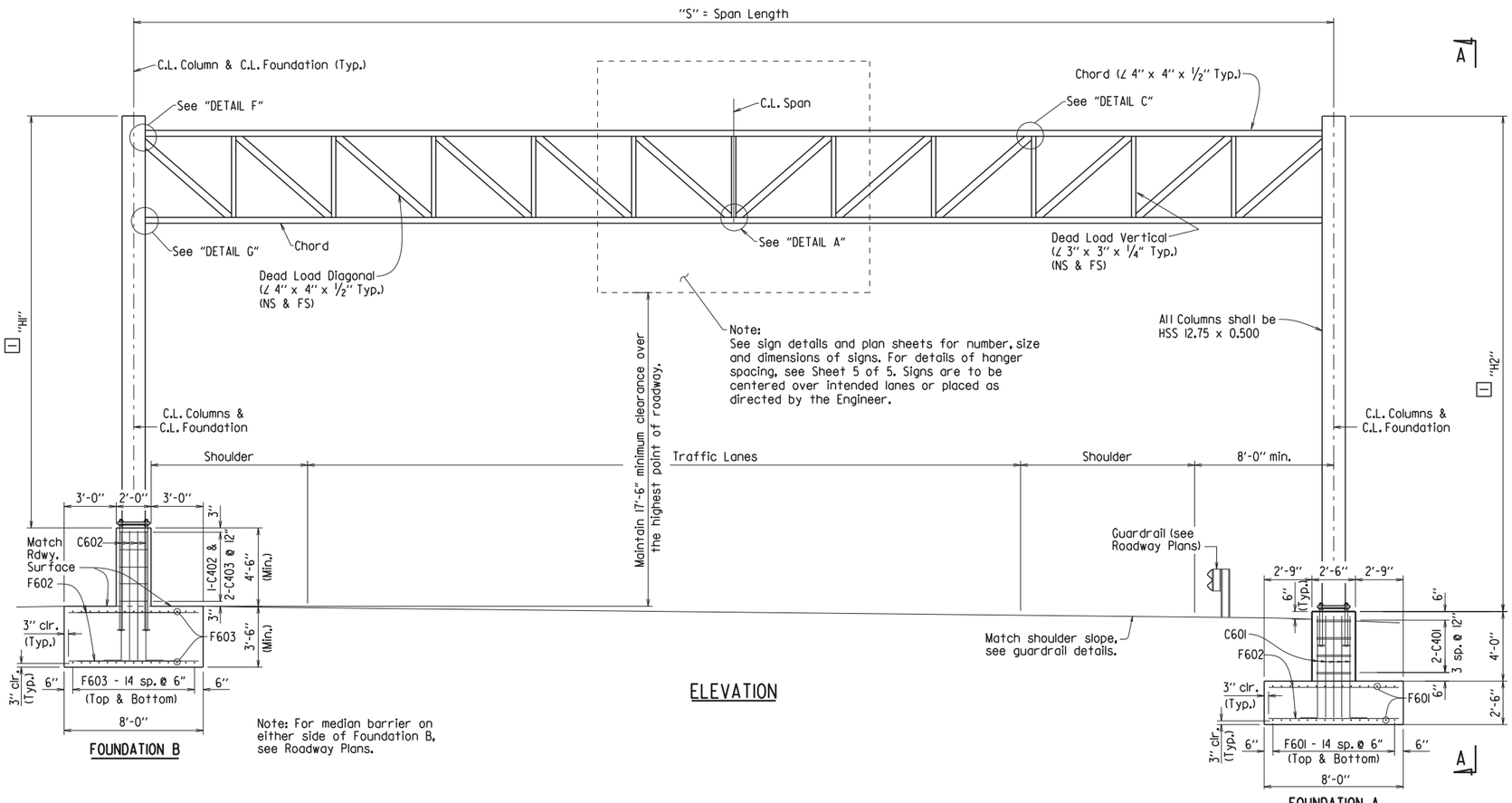
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.		012439	94	98
				(1)	SEE TABLE	OVERHEAD SIGN STR.		60616

Notes:
For "View A-A - Foundation A", see Sheet 2 of 5.

For "DETAIL A" thru "DETAIL G" and "View A-A - Foundation B", see Sheet 3 of 5.



PLAN



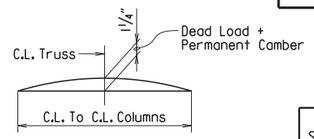
ELEVATION

FOUNDATION B

FOUNDATION A

Note: For median barrier on either side of Foundation B, see Roadway Plans.

[1] Note: The Contractor shall make field measurements to determine the column heights "H1" and "H2" that are required to maintain the minimum vertical clearance with the centerline of the sign located at the centerline of the truss. These column heights shall be shown on the shop drawings with a note stating that the Contractor has made the required field measurements. If the structure height ("H1" or "H2") exceeds 30'-0" contact the Engineer. The Contractor shall also verify that the variable span length (55'-0" to 69'-0") is sufficient to meet the minimum clearances and to fit the new structure to the existing and/or proposed conditions.



TRUSS CAMBER DIAGRAM

TABLE OF VARIABLES

SIGN STRUCTURE	SPAN LENGTH "S"	FOUNDATION	
		MEDIAN	OUTSIDE SHOULDER
OH-030-46-17	55'-0"	A	A

TABULAR DATA BY: CTM DATE: 8-24-2022
CHECKED BY: DKS DATE: 8-30-2022

BAR LIST-FOUNDATION A

MARK	NO. REQ'D	LENGTH	P.D.	BENDING DIAGRAMS
				Dimensions are out to out of bars.
C401	8	17'-2"	3"	6'-3", 2'-1", 5" (Typ.), 45°, C401
C601	46	6'-9"	4½"	5'-11", 12", C601
F601	30	16'-6"	Str.	
F602	66	7'-6"	Str.	

BAR LIST-FOUNDATION B

MARK	NO. REQ'D	LENGTH	P.D.	BENDING DIAGRAMS
				Dimensions are out to out of bars.
C402	5	25'-2"	3"	10'-9", 1'-7", 5" (Typ.), 45°, C402
C403	10	18'-2"	3"	7'-3", 1'-7", 5" (Typ.), 45°, C403
C602	76	8'-3"	4½"	7'-5", 12", C602
F602	70	7'-6"	Str.	
F603	30	17'-6"	Str.	

APPROXIMATE QUANTITIES FOR FOUNDATION (FOR INFORMATION ONLY)

STRUCTURE	CLASS S CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EXCAVATION (CU. YDS.)
FOUNDATION A	16.30	2,045	49
FOUNDATION B	24.67	2,724	30

STATE OF ARKANSAS
Dec 21 2022 11:55 AM
LICENSED PROFESSIONAL ENGINEER
No. 9235
CHARLES R. ELLIS
BRIDGE ENGINEER

SHEET 1 OF 5
DETAILS OF 55' TO 69' STEEL OVERHEAD SIGN STRUCTURE

ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION

LITTLE ROCK, ARK.

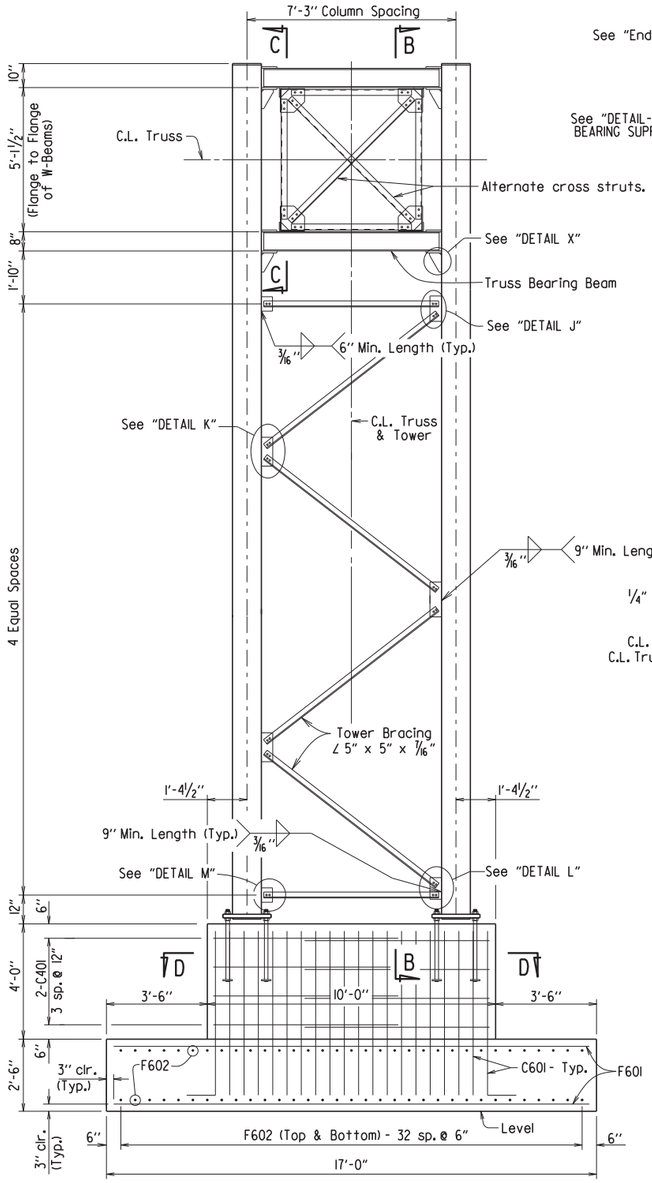
DRAWN BY: A.M.S. DATE: 7/24/15
CHECKED BY: ACP DATE: 4/8/16
DESIGNED BY: TMG DATE: 9/15

FILENAME: b012439_t1.dgn
SCALE: No Scale

STR. NO. SEE TABLE DRAWING NO. 60616

PRINT DATE: 12/21/2022

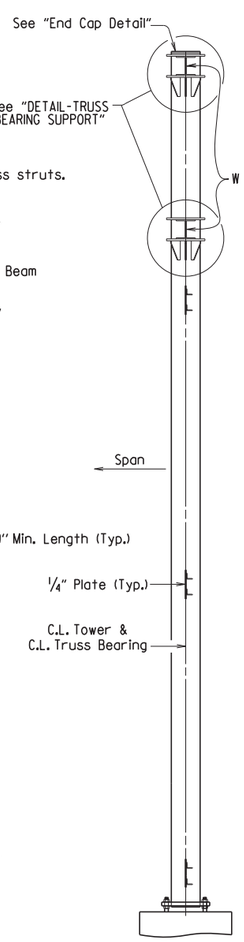
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				6	ARK.			
				JOB NO.		012439	95	98
				①	SEE TABLE	OVERHEAD SIGN STR.		60617



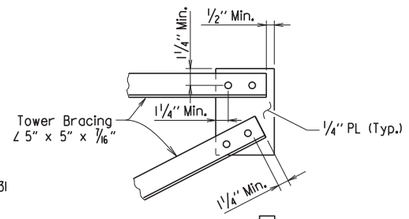
VIEW A-A - FOUNDATION A

SECTION D-D

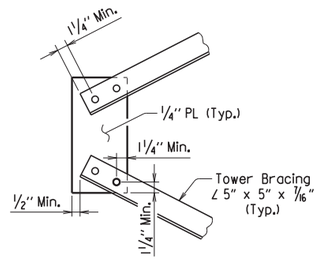
Note: For details of "View A-A - Foundation B", see Sheet 3 of 5.



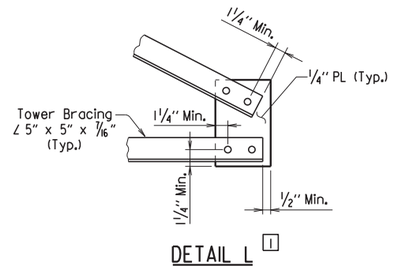
VIEW B-B



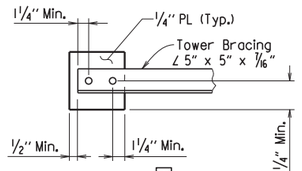
DETAIL J [1]



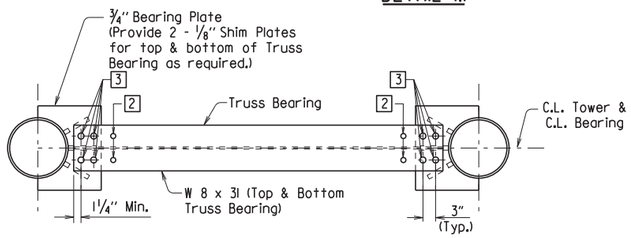
DETAIL K [1]



DETAIL L [1]



DETAIL M [1]

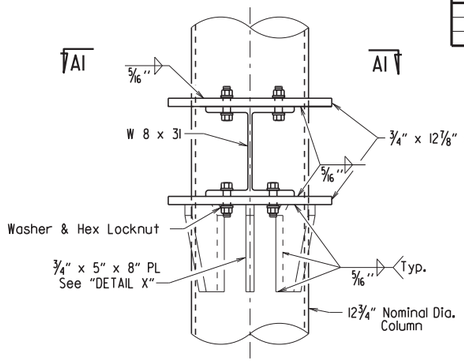


PLAN AT TRUSS BEARING

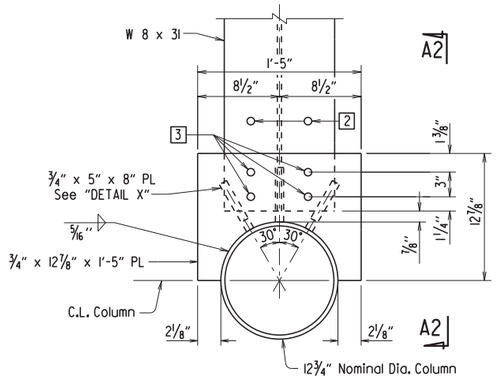
[1] Bolts shall be 3/4" ø and open holes shall be 13/16 " ø. Minimum center to center bolt spacing shall be 2 1/2". Dimensions shown are typical.

[2] Bolts shall be 5/8" ø. Provide 11/16 " x 2" slotted hole in gusset plate and chord angle. Use plate washer on gusset plate side. Provide 11/16 " ø holes in 3/4" shim plate and top or bottom beam flanges as required.

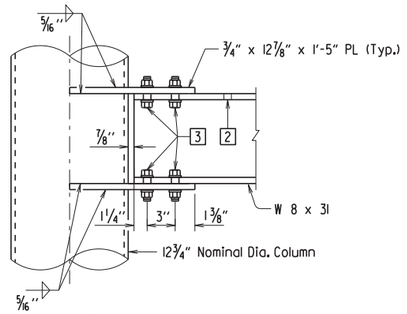
[3] Bolts shall be 5/8" ø. Provide 11/16 " ø holes at top and bottom beam flanges and connection plates.



DETAIL - TRUSS BEARING SUPPORT

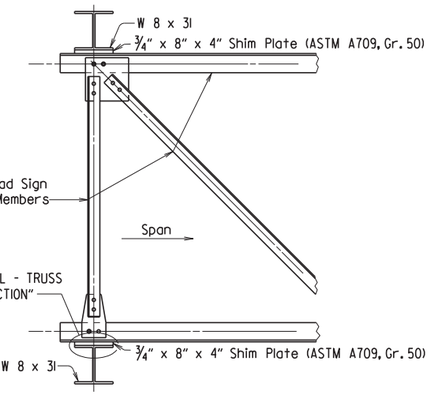


VIEW A1 - A1

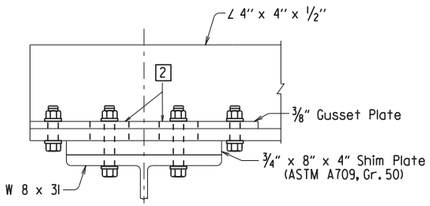


VIEW A2 - A2

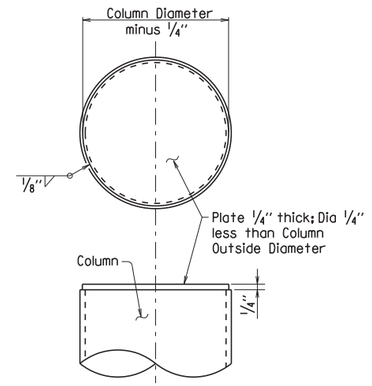
3/4" x 5" x 8" Plate not shown for clarity



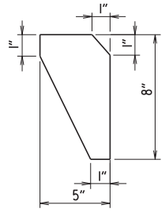
VIEW C-C



DETAIL - TRUSS CONNECTION



END CAP DETAIL



DETAIL X

STATE OF ARKANSAS
7-Dec 21 2022 11:53 AM
LICENSED PROFESSIONAL ENGINEER
No. 9235
CHARLES R. ELLIS
BRIDGE ENGINEER

SHEET 2 OF 5
DETAILS OF 55' TO 69'
STEEL OVERHEAD SIGN STRUCTURE

ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION

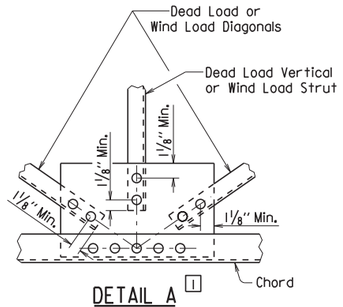
LITTLE ROCK, ARK.

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CHECKED BY:	ACP	DATE:	4/8/16	SCALE:	No Scale
DESIGNED BY:	TMG	DATE:	9/15		

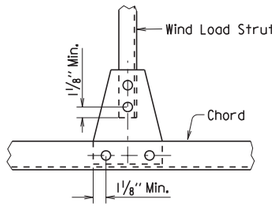
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PRINT DATE: 12/21/2022

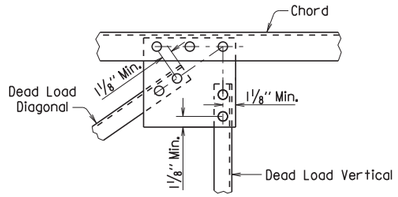
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				6	ARK.			
				JOB NO.		012439	96	98
				(1)	SEE TABLE	OVERHEAD SIGN STR.		60618



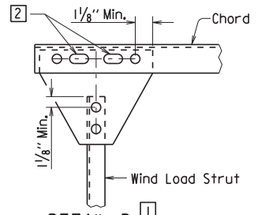
DETAIL A [1]



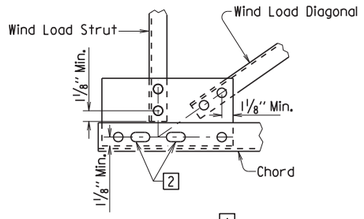
DETAIL B [1]



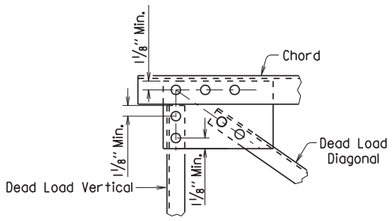
DETAIL C [1]



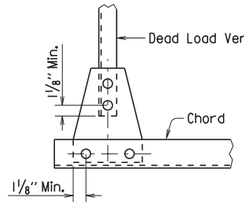
DETAIL D [1]



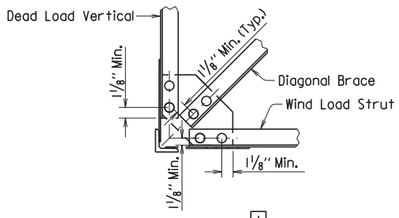
DETAIL E [1]



DETAIL F [1]

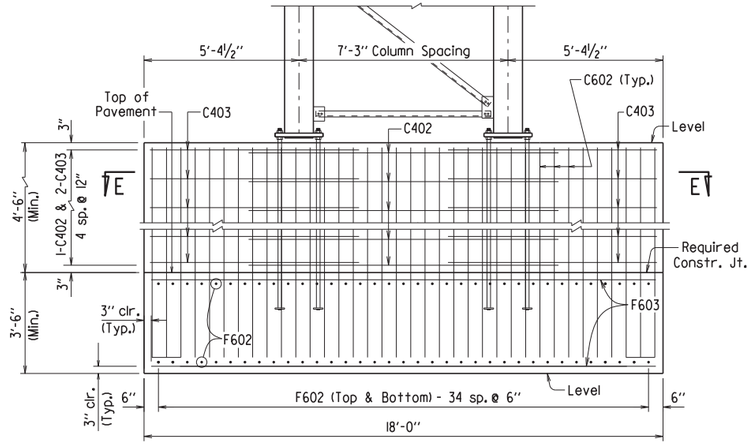


DETAIL G [1]

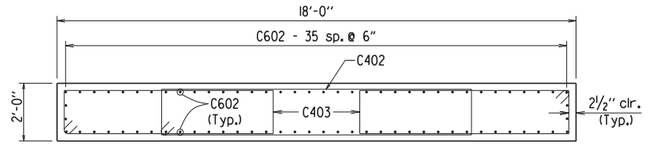


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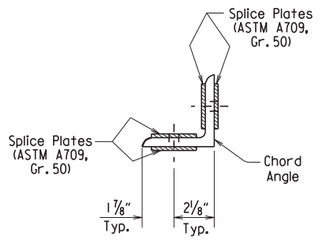
Note:
For details of column not shown, see "View A-A - Foundation A" on Sheet 2 of 5.



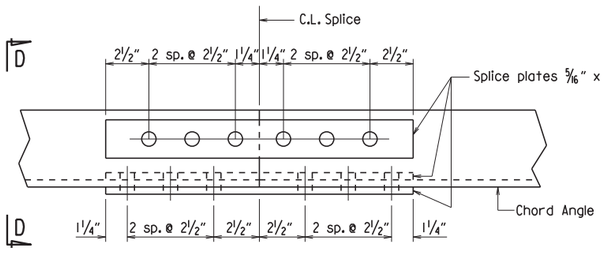
VIEW A-A - FOUNDATION B



SECTION E-E

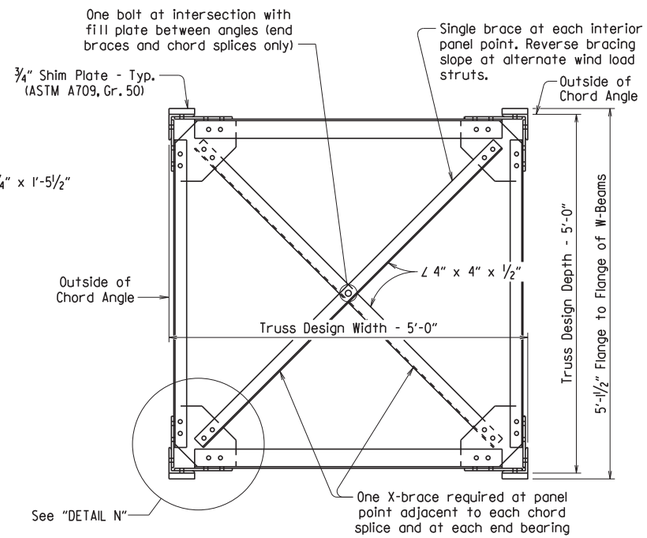


VIEW D-D



Note: Chord angles may be spliced in convenient lengths for galvanizing and sign placement.

CHORD SPLICE [3]



TRUSS SECTION

Note: Unless otherwise noted, thickness of all Gusset Plates shall be ⅜".

[1] Bolts shall be ⅝" ø and open holes shall be 11⁄16 " ø. Minimum center to center bolt spacing shall be 2¼". Dimensions shown are typical.

[2] Bolts shall be ⅝" ø. Provide 11⁄16 " x 2" slotted hole in gusset plate and chord angle. Use plate washer on gusset plate side. Clearance between end of slot and adjacent bolt hole shall be no less than 1¼".

[3] Bolts shall be ¾" ø and open holes shall be 13⁄16 " ø.

STATE OF ARKANSAS
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LICENSED PROFESSIONAL ENGINEER
No. 9235
CHARLES R. ELLIS
BRIDGE ENGINEER

SHEET 3 OF 5
DETAILS OF 55' TO 69'
STEEL OVERHEAD SIGN STRUCTURE

ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION

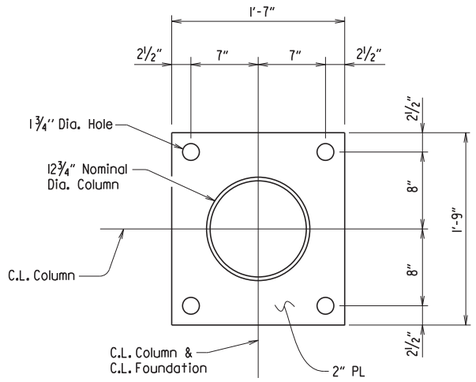
LITTLE ROCK, ARK.

DRAWN BY: A.M.S. DATE: 7/24/15 FILENAME: b012439_tl.dgn
CHECKED BY: ACP DATE: 4/8/16 SCALE: No Scale
DESIGNED BY: TMG DATE: 9/15

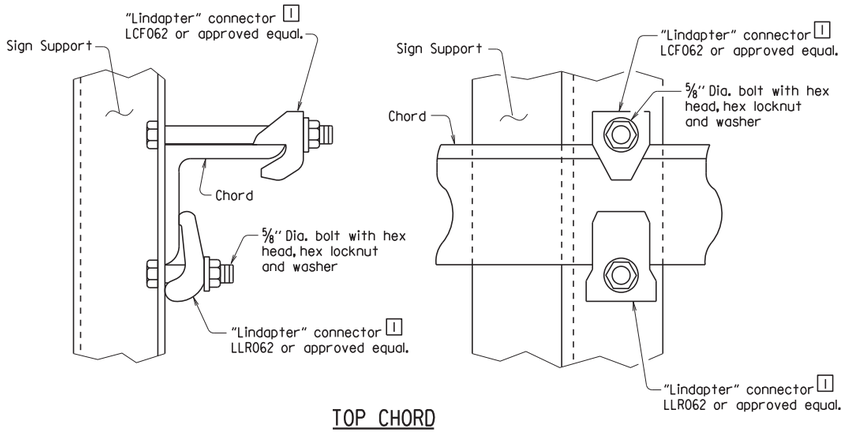
STR. NO. SEE TABLE DRAWING NO. 60618

PRINT DATE: 12/21/2022

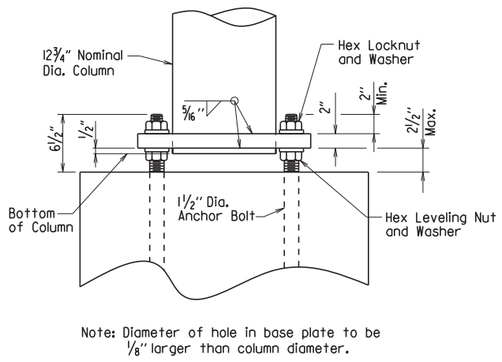
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				6	ARK.			
				JOB NO.		012439	97	98
				(1)	SEE TABLE	OVERHEAD SIGN STR.		60619



PLAN - COLUMN BASE

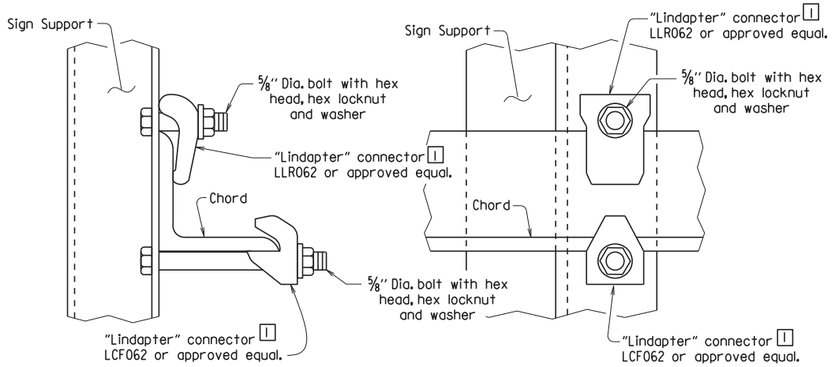


TOP CHORD



Note: Diameter of hole in base plate to be ⅛" larger than column diameter.

ELEVATION - COLUMN BASE

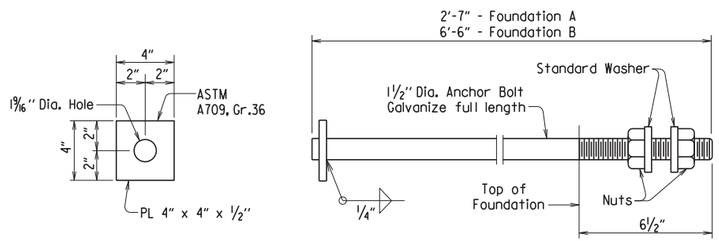


BOTTOM CHORD

[1] All "Lindapter" connectors or approved equal shall be installed according to manufacturer's recommendations. All connectors, bolts, nuts and washers shall be galvanized.

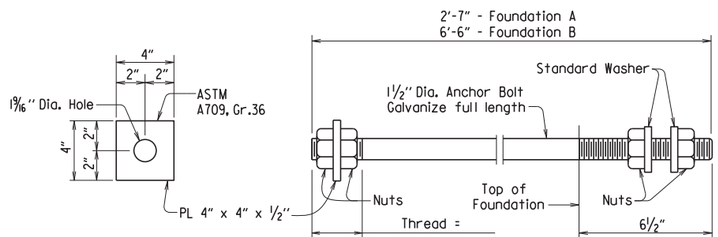
Note: Install all support connectors clear of the gusset plates and splice locations.

DETAILS OF SIGN SUPPORT CONNECTION TO TRUSS



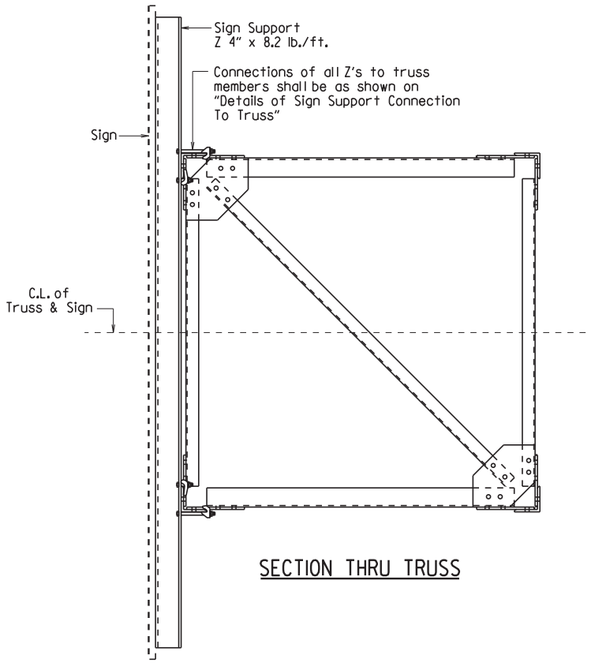
Anchor bolts shall comply with AASHTO M 314, Grade 55 with Supplementary Requirement S1, and galvanized according to Subsection 807.07. Nuts for bolts shall be as specified in Subsection 807.07.

ANCHOR BOLT DETAIL

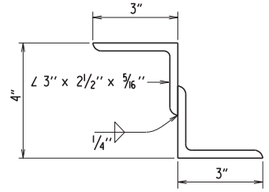


Anchor bolts shall comply with AASHTO M 314, Grade 55 with Supplementary Requirement S1, and galvanized according to Subsection 807.07. Nuts for bolts shall be as specified in Subsection 807.07.

ALTERNATE ANCHOR BOLT DETAIL



SECTION THRU TRUSS



NOTE: Structural Z support may be fabricated from angles as shown.

DETAILS OF ALTERNATE Z SUPPORT

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Dec 21 2022 11:53 AM
LICENSED PROFESSIONAL ENGINEER
No. 9235
CHARLES R. ELLIS
BRIDGE ENGINEER

SHEET 4 OF 5
DETAILS OF 55' TO 69'
STEEL OVERHEAD SIGN STRUCTURE

ROUTE SEC.

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: A.M.S. DATE: 7/24/15
CHECKED BY: ACP DATE: 4/8/16
DESIGNED BY: TMG DATE: 9/15
FILENAME: b012439_tl.dgn
SCALE: No Scale

STR. NO. SEE TABLE DRAWING NO. 60619

PRINT DATE: 12/21/2022

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.		012439	98	98
				(1) SEE TABLE		OVERHEAD SIGN STR.		60620

GENERAL NOTES:

CONSTRUCTION SPECIFICATIONS: Arkansas State Highway and Transportation Department Standard Specifications for Highway Construction, 2014 Edition, with applicable Supplemental Specifications and Special Provisions. Section and Subsection refer to the Specifications unless otherwise noted in the plans.

DESIGN SPECIFICATIONS: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, Sixth Edition, 2013 with current interim revisions.

Basic Wind Speed = 90 mph.
Fatigue Category: I

This structure is approved for a maximum sign area equal to 75% of the span length times a sign height of 15 feet. Use of additional sign area must be approved by the Engineer. If the structure height ("H1" or "H2") exceeds 30'-0" contact the Engineer.

FOUNDATION MATERIALS AND STRENGTHS:

Class S Concrete	f'c = 3,500 psi
Reinforcing Steel (Gr. 60, AASHTO M 31 or M 322, Type A)	fy = 60,000 psi

Structural steel sign support members shall comply with the following specifications:

Angles:	ASTM A709, Gr. 36 (Fy = 36,000 psi)
Plate, W-Section:	ASTM A709, Gr. 50 (Fy = 50,000 psi)
(1) Pipe:	ASTM A139, Gr. C, straight-seam welded (Fy = 42,000 psi), ASTM A500, Gr. B (Fy = 42, 000 psi), ASTM A501, Gr. B (Fy = 50,000 psi),
Z-Shapes:	ASTM A709, Gr. 36 (Fy = 36,000 psi)
Shim Plates:	ASTM A1011, SS, Grade 36, Type 2, or Grade 40
Bolts:	ASTM F3125, Grade A325, Type 1
Locknuts:	ASTM A563, Grade DH or AASHTO M 292, Grade 2H
Washers:	ASTM F436
Nuts:	ASTM A563, Grade DH or AASHTO M 292, Grade 2H

The Contractor shall make check measurements in the field and make any adjustments necessary to meet the required clearances and to fit the new structure to the existing conditions.

Drawings show general features of design only. Shop drawings shall be made in accordance with Subsection 807.04, submitted, and approval secured before fabrication is begun.

Requests for substitution of structural steel shapes shown with shapes of greater size must be submitted by the Contractor to the Engineer for approval. Steels of equal or greater strengths will be accepted only when shown on the approved shop drawings. Shapes and materials shown in the plans will be the basis of payment and no additional compensation will be made for any adjustments due to substitutions.

All steel shall be galvanized according to Subsection 807.19. Steel completely encased in concrete may not be galvanized. Galvanized coating damaged during transport, handling or erection shall be field repaired in accordance with Subsection 807.88.

All main load carrying tension members greater than ½" in thickness shall conform to the requirements of the Longitudinal Charpy V-Notch test specified for Zone 1 minimum service temperature. This work and materials shall be paid for in accordance with Job Special Provision "Steel Sign Structures".

Field splices shall be located in order to avoid sign panel connections. There shall be a maximum of two field splices and they shall be spaced a minimum of 15 feet apart.

Truss field sections shall be shop assembled. Entire truss shall be fully assembled and lifted into place as one unit on to tower supports. All truss member connections shall be bolted connections.

All welding that is to be done during fabrication of structural steel, including temporary welds, shall be detailed on the shop drawings and submitted for approval. If additional welds are required, whether temporary or permanent, a formal request with detailed drawings shall be submitted to the Engineer for approval. All welding shall conform to Subsection 807.26 except welding of tubular sections shall conform to AWS D1.1 Structural Welding Code.

No circumferential butt welds will be allowed in any pipe sections.

All fillet welds of critical members shall be tested according to AWS D1.1 Structural Welding Code - Steel using the magnetic particle method. Critical welds shall include: column to base plate and truss bottom support to column.

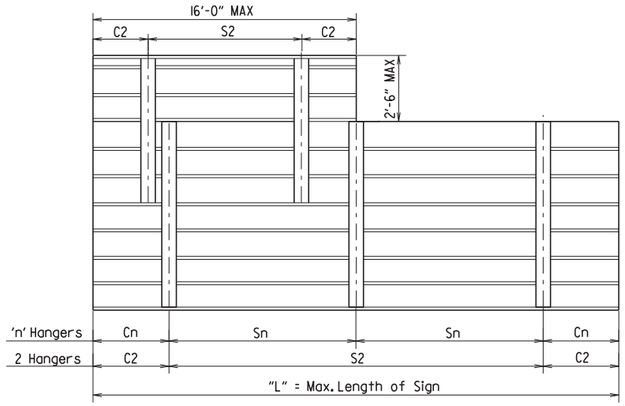
Connections shall be bolted with high-strength bolts. Unless otherwise noted, bolts shall be ⅝" ø and open holes shall be 11/16 " ø. Bolt spacing shall be 2¼" for ⅝" ø bolts unless otherwise noted. Bolts shall be placed with heads on the outside face of all members.

All truss frame bolts shall comply with ASTM A325 Type 1, galvanized according to Subsection 807.06. Nuts and washers for ASTM F3125, Grade A325 Type 1 bolts shall be furnished and galvanized in accordance with Subsection 807.06.

Locknuts to be equipped with nylon locking inserts or other approved type locking system. Locknuts to be installed according to manufacturer's recommendations.

Anchor bolts shall comply with AASHTO M 314, Grade 55 including Supplementary Requirement S1, and galvanized according to Subsection 807.07. Nuts and washers for anchor bolts shall be furnished and galvanized in accordance with Subsection 807.07.

Shoring may be required to protect existing shoulders during excavation. Any shoring required shall not be paid for directly, but shall be considered incidental to the item "Steel Sign Structure". The excavations for the footings shall be backfilled before the structure is attached to the foundations.



Note: See sign details and plan sheets for number, size and dimensions of signs.

HANGER SPACING DETAILS FOR EXTRUDED PANEL SIGNS

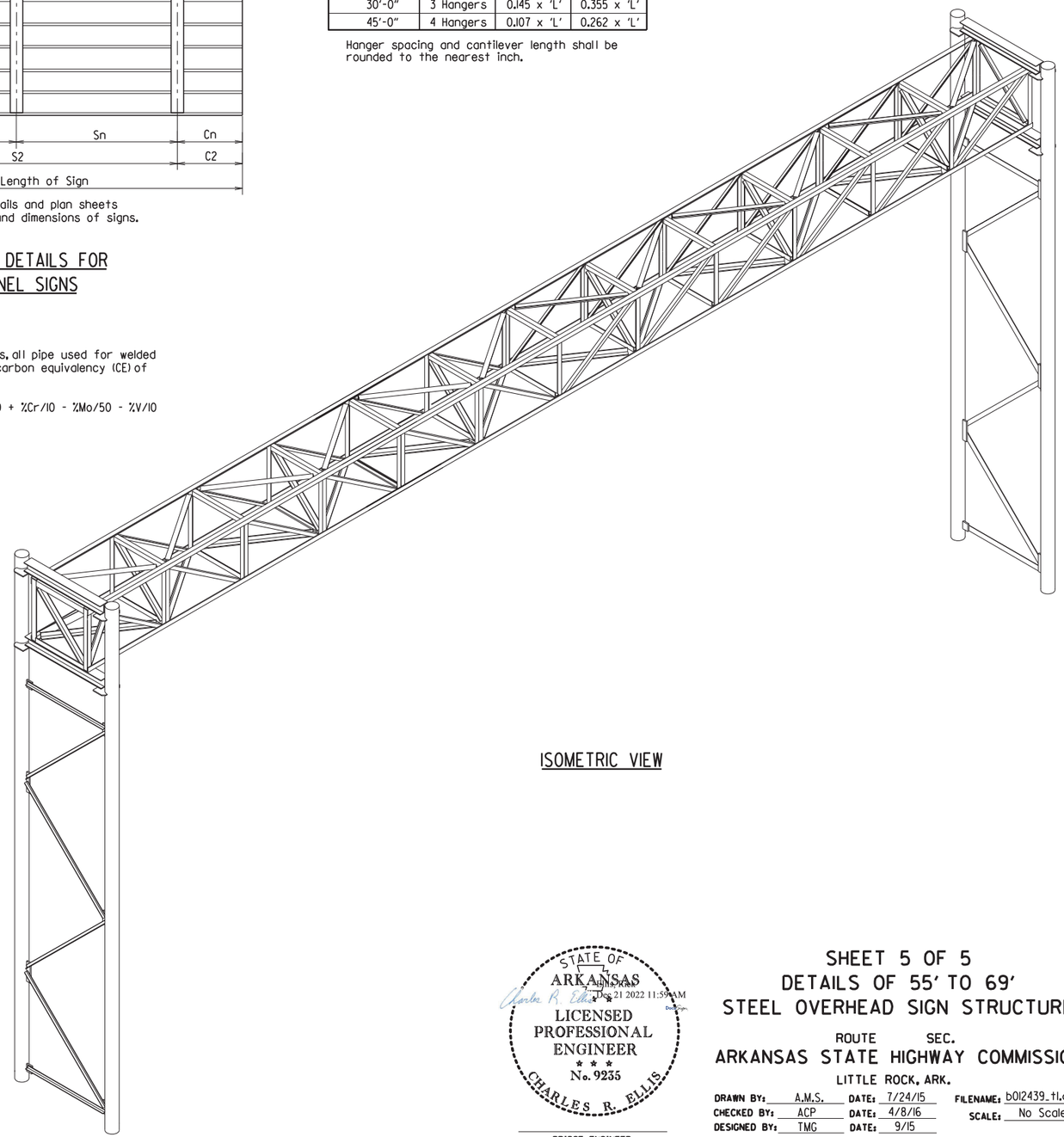
(1) In addition to material requirements, all pipe used for welded applications shall have a maximum carbon equivalency (CE) of 0.4 using the following equation:

CE = %C + %Mn/6 + %Cu/40 + %Ni/20 + %Cr/10 - %Mo/50 - %V/10

HANGER VARIABLES

Max. Length of Sign = "L"	"n" Hangers	Cantilever Length "Cn"	Hanger Spacing 'Sn'
15'-0"	2 Hangers	0.21 x 'L'	0.58 x 'L'
30'-0"	3 Hangers	0.145 x 'L'	0.355 x 'L'
45'-0"	4 Hangers	0.107 x 'L'	0.262 x 'L'

Hanger spacing and cantilever length shall be rounded to the nearest inch.



ISOMETRIC VIEW

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 9235
CHARLES R. ELLIS
Digitally signed by Charles R. Ellis Dec 21 2022 11:59 AM
BRIDGE ENGINEER

SHEET 5 OF 5
DETAILS OF 55' TO 69' STEEL OVERHEAD SIGN STRUCTURE

ROUTE SEC.

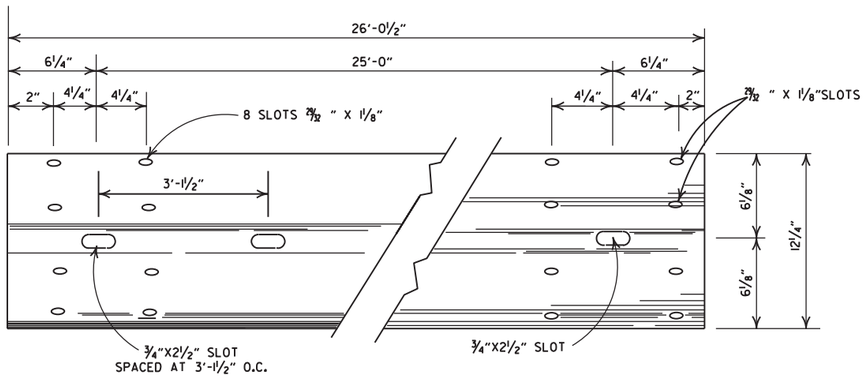
ARKANSAS STATE HIGHWAY COMMISSION

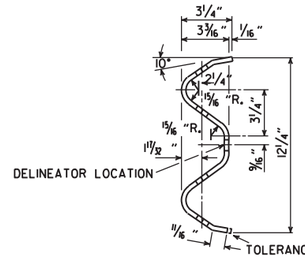
LITTLE ROCK, ARK.

DRAWN BY:	A.M.S.	DATE:	7/24/15	FILENAME:	b012439_tl.dgn
CHECKED BY:	ACP	DATE:	4/8/16	SCALE:	No Scale
DESIGNED BY:	TMG	DATE:	9/15		

STR. NO. SEE TABLE DRAWING NO. 60620

PRINT DATE: 12/21/2022

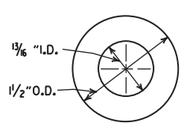




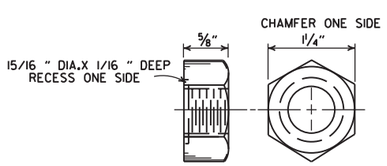
DETAILS OF W-BEAM GUARDRAIL

RAIL SECTION OF CLOSELY SIMILAR DIMENSIONS AND COMPARABLE STRENGTH MAY BE SUBSTITUTED IF APPROVED BY THE ENGINEER.

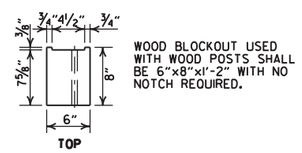
SPLICE BOLT
POST BOLT - SAME EXCEPT LENGTH



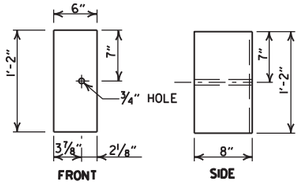
CUT STEEL WASHER



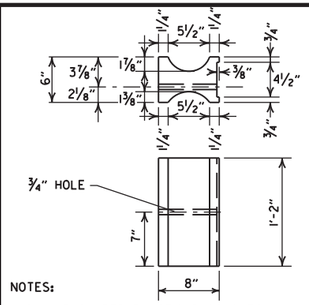
NUT



WOOD BLOCKOUT USED WITH WOOD POSTS SHALL BE 6"x8"xl'-2" WITH NO NOTCH REQUIRED.



WOOD BLOCKOUT (W-BEAM)

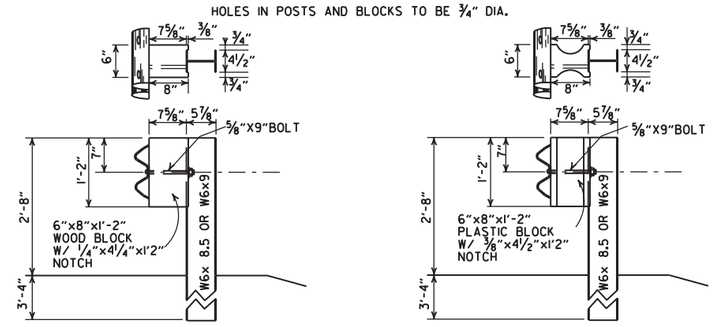


NOTES:

1. SIMILAR SHAPED PLASTIC BLOCKOUTS MAY BE USED AS LONG AS THEY MEET REQUIREMENTS FOR MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).
2. DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCES.

PLASTIC BLOCKOUT (W-BEAM)

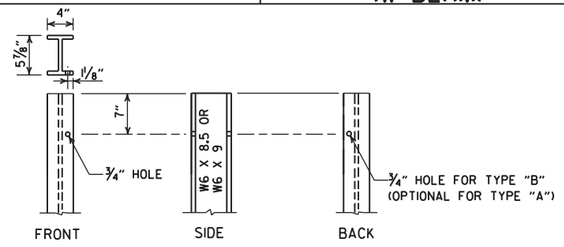
HOLES IN POSTS AND BLOCKS TO BE ¾" DIA.



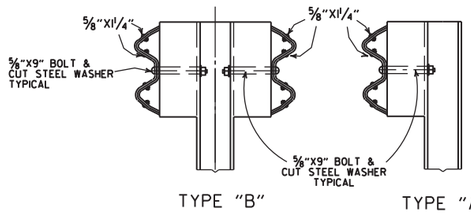
WOOD BLOCKOUT CONNECTIONS

PLASTIC BLOCKOUT CONNECTIONS

DETAILS OF STEEL LINE POST CONNECTIONS (W-BEAM)



STEEL POST



TYPE "B" TYPE "A"

DETAILS OF STEEL LINE POST CONNECTIONS (W-BEAM)

-GENERAL NOTES-

ALL BOLTS SHALL BE SUFFICIENT LENGTH TO EXTEND THROUGH THE FULL THICKNESS OF THE NUT AND NO MORE THAN ¾" BEYOND IT.

WHERE W-BEAM GUARDRAIL CONTINUES, THE INTERMEDIATE SECTIONS SHALL HAVE A POST SPACING OF 6'-3" UNLESS OTHERWISE NOTED.

W-BEAM GUARDRAIL REPRESENTING INTERMEDIATE SECTIONS WILL BE MEASURED ALONG THE ROADWAY FACE FROM CENTERLINE OF POST TO CENTERLINE OF POST.

USE W-BEAM GUARDRAIL COMPONENTS OF SAME MATERIAL FOR ENTIRE JOB. FOR EXTENSIONS OR MODIFICATION OF EXISTING GUARDRAIL, W-BEAM GUARDRAIL COMPONENTS OF THE SAME TYPE AS THOSE EXISTING SHALL BE USED.

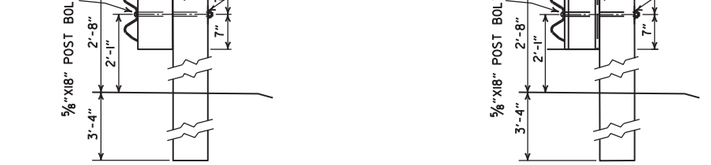
ANY BACKFILLING UNDER OR AROUND POST SHALL BE DAMP SAND THOROUGHLY TAMPED IN PLACE.

WOOD POSTS & WOOD BLOCKS SHALL BE EITHER DENSE NO. 1 STRUCTURAL OR BETTER 9.7f (1400 f) OR NO. 1 1350 f SOUTHERN PINE.

CONTRACTOR SHALL HAVE THE OPTION OF USING WOOD BLOCKOUTS FOR W-BEAM GUARDRAIL OR PLASTIC BLOCKOUTS, AS LONG AS BLOCKOUT USED MEETS REQUIREMENTS FOR MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) FOR W-BEAM GUARDRAIL.

DELINEATORS SHALL BE MOUNTED AT 37.5' SPACING ON THE FRONT FACE OF THE GUARDRAIL. SPACING MAY BE REDUCED IN CURVES, AS DIRECTED BY THE ENGINEER. COLOR SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR DELINEATORS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID PER LIN. FT. FOR GUARDRAIL.

HOLES IN POSTS AND BLOCKS TO BE ¾" DIA.



POSTS AND BLOCKS TO BE ROUGH SAWN 6"X8" WITH A TOLERANCE OF + OR - ¼".

WOOD BLOCKOUT CONNECTIONS

PLASTIC BLOCKOUT CONNECTIONS

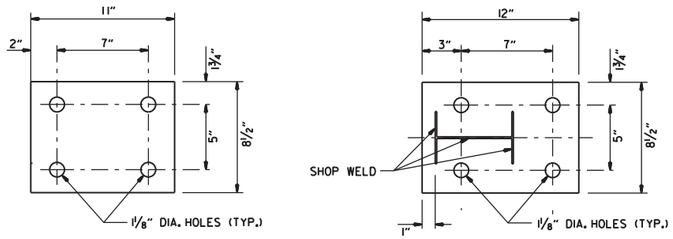
DETAILS OF WOOD LINE POST CONNECTIONS (W-BEAM)

05-19-22	REVISED GENERAL NOTES, ADDED DELINEATOR LOCATION.	
11-07-19	RENUMBERED AND RENAMED	
11-16-17	REVISED GENERAL NOTES AND RAISED GUARDRAIL HEIGHT 3"	
07-14-10	RAISED HEIGHT OF GUARDRAIL 1"	
10-15-09	ADDED REFERENCE TO MASH	
04-10-03	REVISED GENERAL NOTES	
08-22-02	REVISED DIMENSION ON WOOD & PLASTIC BLOCKOUT CONNECTIONS & STEEL POST	
11-16-01	REVISED WOOD BLOCKOUT & DETAILS OF WOOD LINE POST CONNECTIONS	
03-30-00	REMOVED GUARDRAIL AT BRIDGE ENDS	
01-12-00	ADDED PLASTIC BLOCKOUT	
08-12-98	REV. BLOCKOUTS TO WOOD, DELETED CONC. POST & REV. GENERAL NOTE, DELETED DET. OF GUARDRAIL REPLACE. BEHIND CURB & DET. OF POST PLACE. IN SOLID ROCK, & ADDED DETAILS OF STEEL LINE POST CONN. REMOVED BACK-UP PLATE, REVISED HOLES IN STEEL POLES	
04-03-97	REMOVED "LAP IN DIRECTION OF TRAFFIC" NOTE & PLACED ARROWS ON WASHERS	
10-18-96	REVISED WOOD POST NOTE	
06-02-94	ADDED ALT. STEEL POST SIZE	
08-05-93	REVISED STEEL POST SIZE	8-5-93
10-01-92	REDRAWN & REVISED	10-1-92
08-15-91	REVISED WASHER NOTE	8-15-91
08-02-90	REV. GEN. NOTE & DEPTH OF ANC. POST IN ROCK	8-2-90
07-15-88	REVISED SECTION 3 & GENERAL NOTES	
03-04-88	REV. ANCHOR POST ,ELEV. NOTES & POST IN ROCK	780-3-4-88
10-30-87	REVISED WOOD LINE POST DETAIL	546-10-30-87
10-09-87	REDRAWN & REVISED	802-10-9-87
DATE	REVISION	FILMED

ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

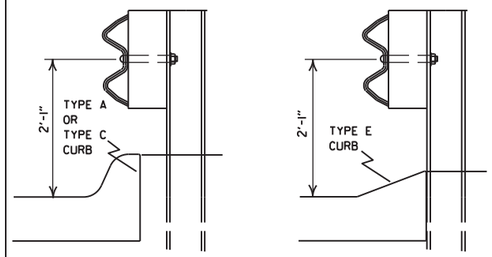
STANDARD DRAWING GR-6



WASHER PLATE

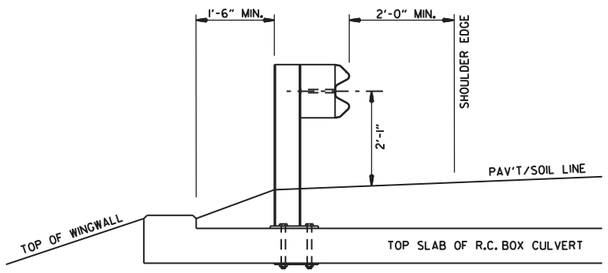
BASE PLATE

Note: Bolts, nuts, washers and plates shall be galvanized in accordance with Section 807 of the Standard Specifications.

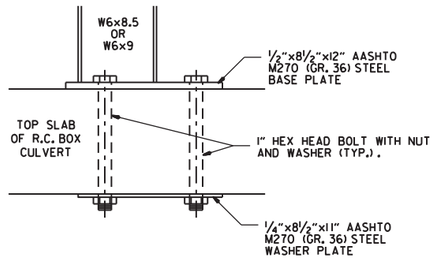


DETAIL OF GUARDRAIL PLACEMENT BEHIND CURB (W-BEAM)

FOR DESIGN SPEEDS OF 50 MPH OR LESS ALL CURB FACES, AS SHOWN ON STD. DRWG. CG-1, MAY BE USED. FOR DESIGN SPEEDS OF 55 MPH OR MORE TYPE "E" CURB FACE SHALL BE USED.

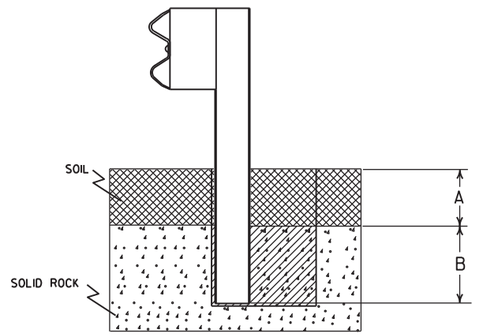


SECTION A-A

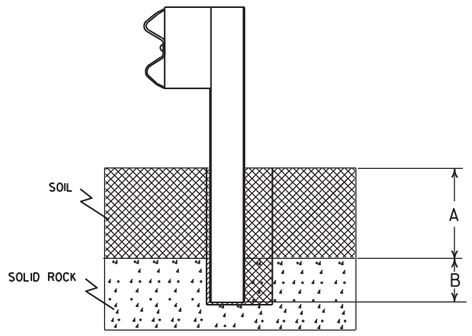


DETAIL OF CONNECTION

Case 1

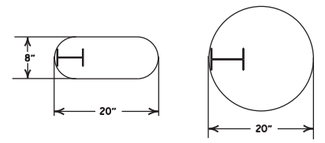


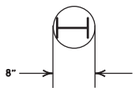
Case 2



Plan View Steel Posts

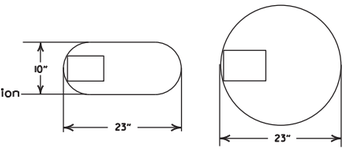
Either hole configuration acceptable

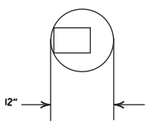




Plan View Wood Posts

Either hole configuration acceptable





Notes: For overlying soil depths (A) ranging from 0 to 18", the depth of required drilling (B) is equal to 24".

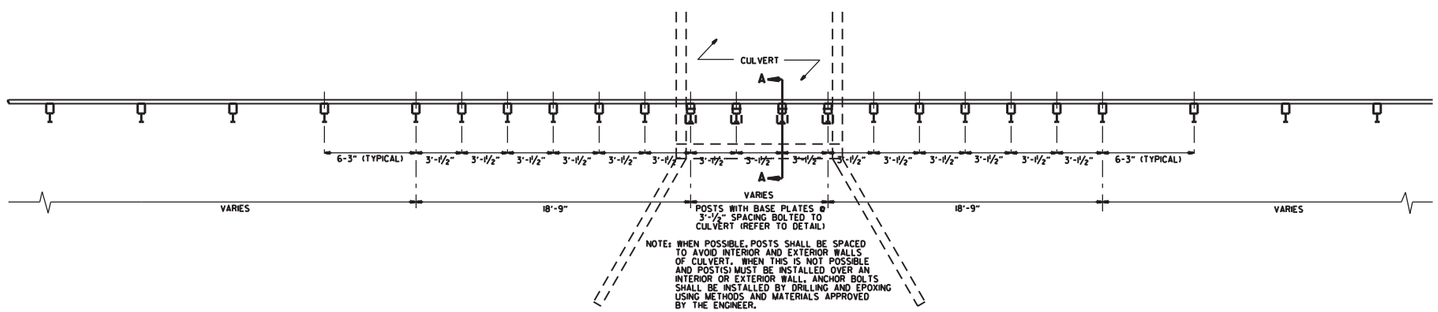
Zone A:
Backfill according to Section 617.03(a).

Zone B:
Backfill hole in 6" lifts with material meeting the requirements of Section 802.02(c) - Alternate gradation. Compact to 95% maximum dry density per ASTM D-698.

Notes: For overlying soil depths (A) ranging from 18" to 44", the depth of required drilling (B) is equal to either 12" or 44" minus the depth of soil whichever is less.

Zone A & B:
Backfill according to Section 617.03(a).

DETAIL OF POST PLACEMENT IN SOLID ROCK (W-BEAM)



PLAN LAYOUT OF TYPE A GUARDRAIL AT LOW-FILL CULVERTS

NOTE: THIS DETAIL IS TO BE USED ONLY WHEN THE COVER OVER THE CULVERT DOES NOT PERMIT FULL EMBEDMENT OF GUARDRAIL POSTS AS SHOWN ON STD. DWG. GR-6.

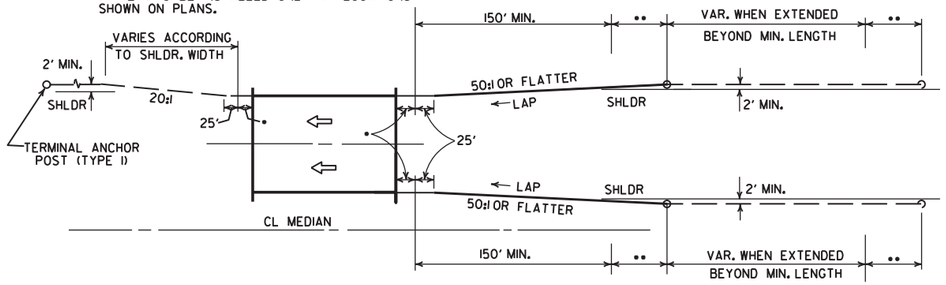
DATE	REVISION	FILMED
11-07-19	RENUMBERED, RENAMED, REVISED REFERENCE	
11-16-17	REVISED GUARDRAIL HEIGHT	
07-14-10	RAISED HEIGHT OF GUARDRAIL 1"	
04-12-07	REVISED DETAIL OF GUARDRAIL PLACEMENT BEHIND CURB	
11-10-05	ADDED GUARDRAIL PLACEMENT BEHIND CURB; REVISED DETAIL OF CONNECTION	
11-18-04	REVISED POST PLACEMENT IN ROCK & CULVERT CONNECTION DETAILS. ADDED DETAIL FOR GUARDRAIL PLACEMENT AT LOW-FILL CULVERTS	
03-30-00	REMOVED CONCRETE INSERT ANCHOR	
08-12-98	CHANGED STEEL SPACER BLOCK TO WOOD BLOCKOUT, ADDED DET. OF GUARDRAIL CONNECTION TO R.C. BOX CULV'T., DELETED DET. OF STEEL LINE POST CONN. & ADDED DET. OF GUARDRAIL PLACE. BEHIND CURB & DET. OF POSTPLACE. IN SOLID ROCK	
04-03-96	PLACED ARROWS AT CUT STEEL WASHERS	4-3-96
10-18-96	REV. ASTM REF. TO AASHTO	
11-22-95	ADDED OPTIONAL HOLES	
06-02-94	REVISED ALTERNATE POST SIZE	
08-05-93	REVISED STEEL POST SIZE	
10-01-92	REDRAWN & REVISED	10-1-92
08-02-90	DEL. WASHER ON ANCHOR ASSEMBLY	8-2-90
07-15-88	CONFORMED TO 1988 SPECS	
03-04-88	REVISED ANCHOR NOTE	
10-30-87	REVISED ANCHOR ASSEMBLY	712-10-30-87
10-30-87	REVISED PLACEMENT BEHIND CURB	547-10-30-87
10-09-87	REDRAWN & REVISED	803-10-9-87

ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

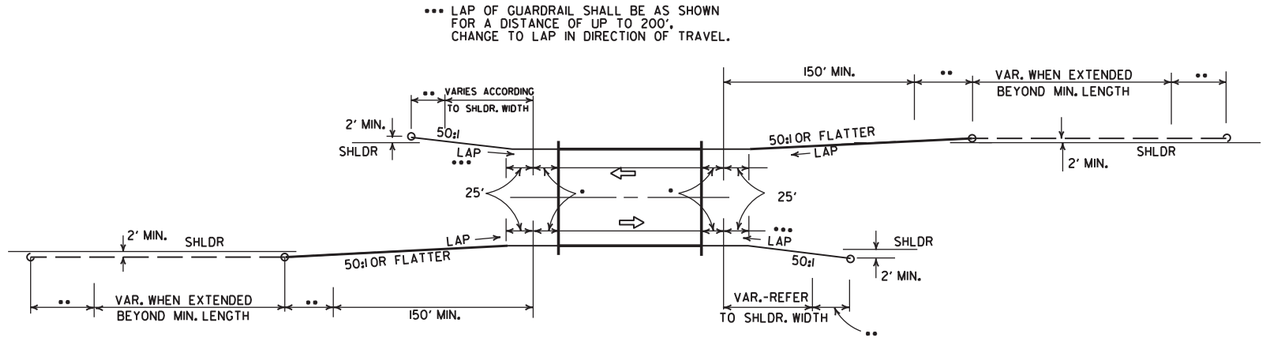
STANDARD DRAWING GR-7

NOTE: GUARDRAIL WITH GUARDRAIL TERMINAL (TYPE I) TO BE INSTALLED ONLY AT LOCATIONS SHOWN ON PLANS.



ONE-WAY TRAFFIC

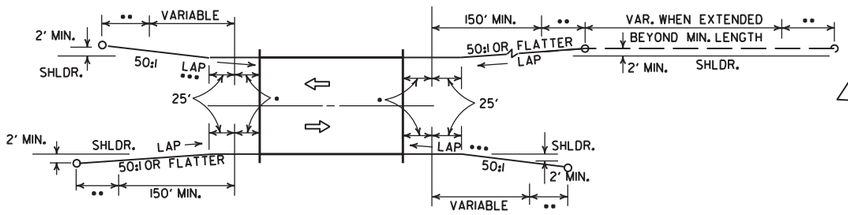
••• LAP OF GUARDRAIL SHALL BE AS SHOWN FOR A DISTANCE OF UP TO 200', CHANGE TO LAP IN DIRECTION OF TRAVEL.



TWO-WAY TRAFFIC

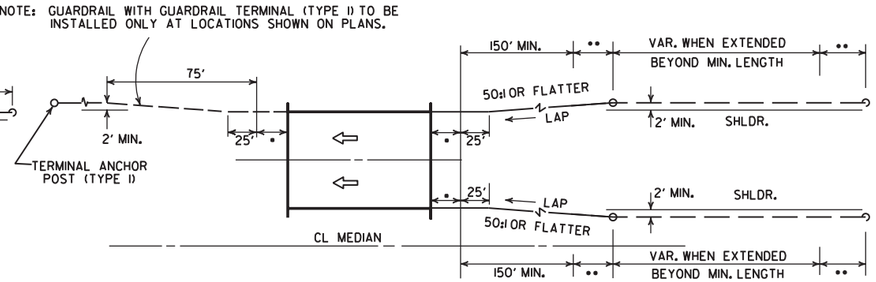
METHODS OF INSTALLATION OF GUARDRAIL AT LESS THAN FULL SHOULDER WIDTH BRIDGES USING GUARDRAIL TERMINAL (TYPE 2)

••• LAP OF GUARDRAIL SHALL BE AS SHOWN FOR A DISTANCE OF UP TO 200', CHANGE TO LAP IN DIRECTION OF TRAVEL.



TWO-WAY TRAFFIC

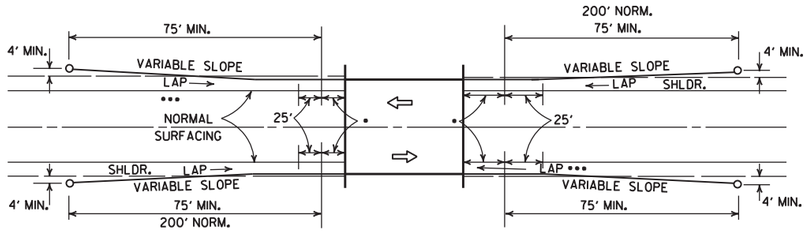
NOTE: GUARDRAIL WITH GUARDRAIL TERMINAL (TYPE I) TO BE INSTALLED ONLY AT LOCATIONS SHOWN ON PLANS.



ONE-WAY TRAFFIC

METHOD OF INSTALLATION OF GUARDRAIL AT FULL SHOULDER WIDTH BRIDGES USING GUARDRAIL TERMINAL (TYPE 2)

••• LAP OF GUARDRAIL SHALL BE AS SHOWN FOR A DISTANCE OF UP TO 200', CHANGE TO LAP IN DIRECTION OF TRAVEL.



METHOD OF INSTALLATION OF GUARDRAIL USING GUARDRAIL TERMINAL (TYPE I) (FULL SHOULDER WIDTH OR LESS BRIDGES)

LEGEND

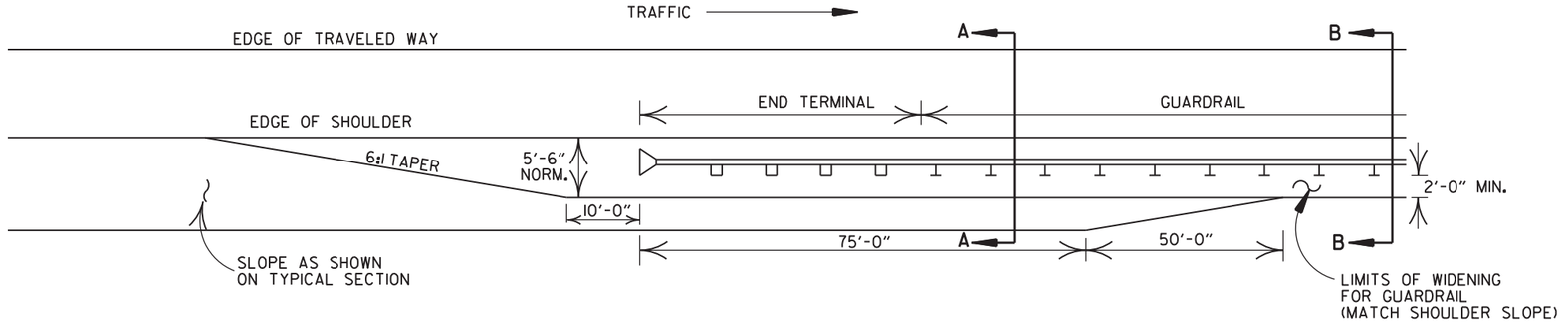
- • THRIE BEAM GUARDRAIL TERMINAL
- •• GUARDRAIL TERMINAL (TYPE 2)

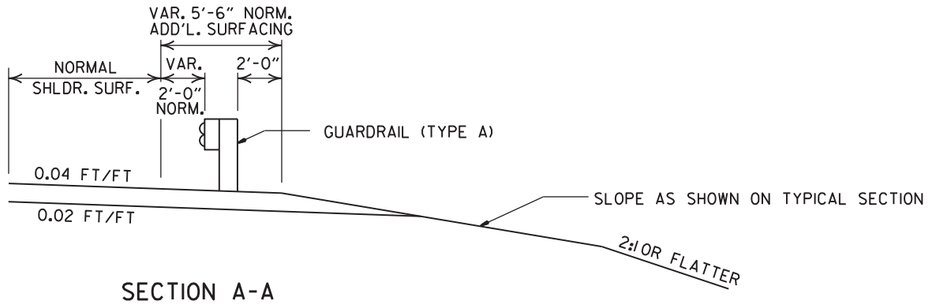
DATE	REVISION	DATE FILM
11-07-19	RENUMBERED AND RENAMED	
4-17-08	REVISED LAYOUTS	
11-10-05	REMOVED GUARDRAIL NOTES AND DETAILS	
11-16-01	DELETED NOTE-METHOD OF INSTALLATION OF GUARDRAIL USING GUARDRAIL TERM. (TY. I)	
1-12-00	ADDED CONSTRUCTION NOTE	1-12-00
6-26-97	REVISED LAYOUT	
10-1-92	REDRAWN & REVISED	10-1-92
	ADDED NOTE	
10-9-87	REDRAWN & REVISED	

ARKANSAS STATE HIGHWAY COMMISSION

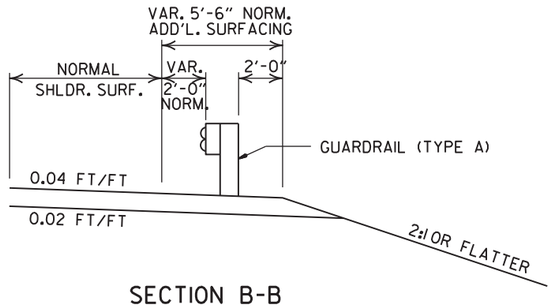
GUARDRAIL DETAILS

STANDARD DRAWING GR-8





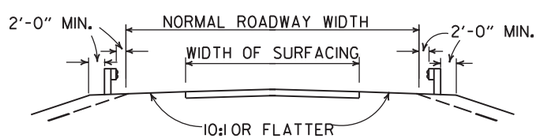
SECTION A-A



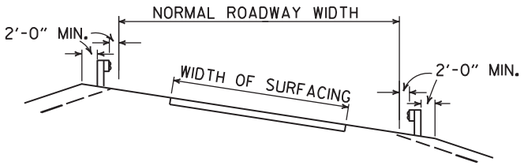
SECTION B-B

DETAILS OF WIDENING FOR GUARDRAIL

NOTE: NORMAL SECTION TO BE WIDENED APPROX. 5'-6" EACH SIDE TO SUPPORT GUARDRAIL.

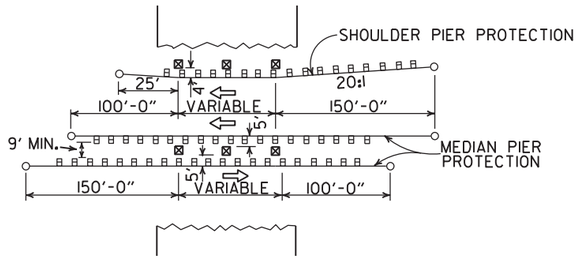


SECTION ON TANGENT



SECTION ON CURVE

DETAILS SHOWING POSITION OF GUARDRAIL ON HIGHWAY



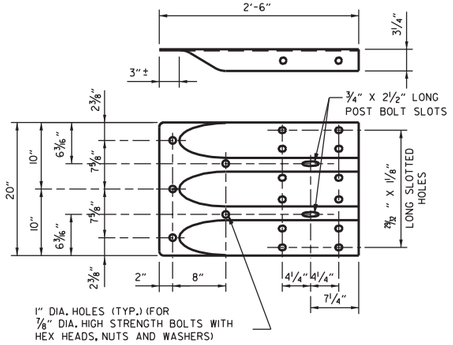
METHOD OF INSTALLATION OF GUARDRAIL AT FIXED OBSTACLE

DATE	REVISION	DATE FILM
11-07-19	RENUMBERED AND RENAMED	
4-17-08	MINOR REVISION	
11-10-05	DRAWN	

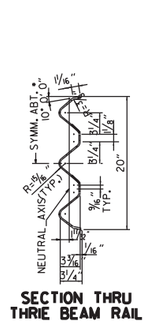
ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

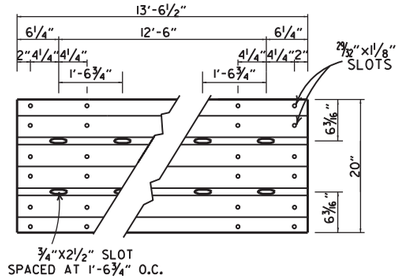
STANDARD DRAWING GR-9



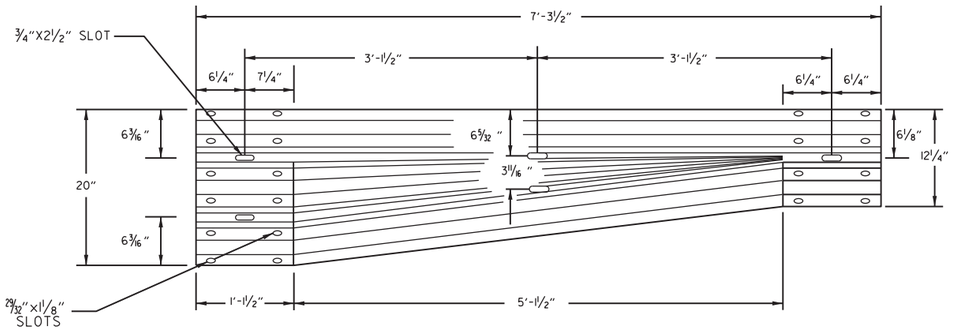
SPECIAL END SHOE



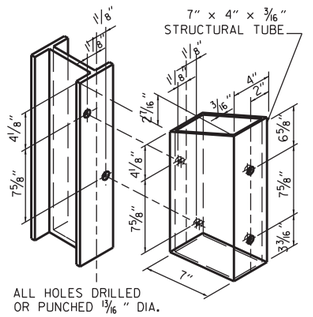
SECTION THRU THRIE BEAM RAIL



THRIE BEAM RAIL

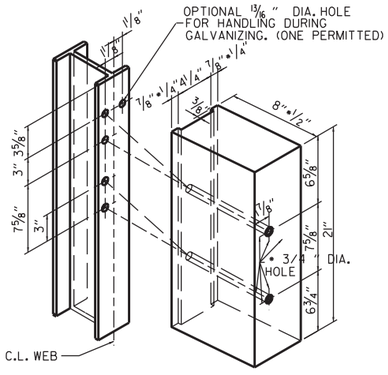


TRANSITION SECTION



ATTACH BLOCKOUT TO POST USING 5/8" DIA. HEX HEAD BOLTS WITH 1 1/2" O.D. CUT STEEL WASHERS AND NUT.

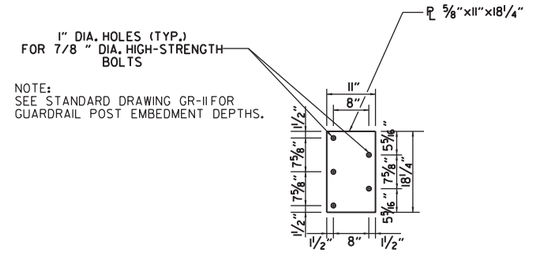
STRUCTURAL STEEL TUBING BLOCKOUT DETAIL



ALL HOLES 13/16" DIAMETER EXCEPT AS NOTED

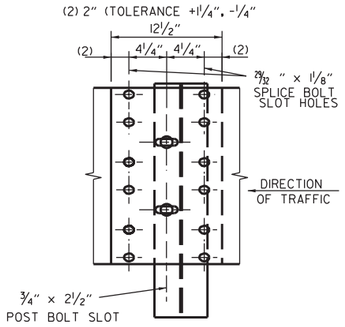
HOLE PUNCHING DETAIL FOR STEEL POST & WOOD OR PLASTIC BLOCKOUTS

NOTE: BLOCKS SHALL BE THE SAME TYPE THROUGHOUT THE PROJECT LIMITS.



CONNECTOR PLATE

CONNECTOR PLATE SHALL BE AASHTO M270, GR. 36 AND SHALL BE GALVANIZED AFTER FABRICATION. GALVANIZING SHALL CONFORM TO SUBSECTION 807.19 OF THE STANDARD SPECIFICATIONS. CONNECTOR PLATE TO BE BOLTED TO SPECIAL END SHOE USING 7/8" DIA. HIGH STRENGTH BOLTS, WITH THE HEADS PLACED ON THE TRAFFIC FACE. WASHERS SHALL BE USED UNDER THE HEAD AND NUT. BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED AND SHALL CONFORM TO SUBSECTION 807.06.



THRIE BEAM RAIL SPLICE AT POST

GENERAL NOTES:

THE THRIE BEAM RAIL, SPECIAL END SHOE, AND THE TRANSITION SECTION SHALL BE MADE OF STEEL AND SHALL BE 12 GAGE. ZINC COATING SHALL BE TYPE I.

RAIL POSTS SHALL BE SET PERPENDICULAR TO THE ROADWAY PROFILE GRADE AND VERTICALLY IN CROSS SECTION.

ALL BOLTS SHALL BE SUFFICIENT LENGTH TO EXTEND THROUGH THE FULL THICKNESS OF THE NUT AND NO MORE THAN 3*4" BEYOND IT.

ALL LAP SPLICES, INCLUDING SPECIAL END SHOES, SHALL BE MADE IN THE DIRECTION SHOWN ON STANDARD DRAWINGS GR-8 & GR-13.

REFER TO STD. DRWG. GR-11 FOR POST DETAILS.

USE THRIE BEAM GUARDRAIL COMPONENTS OF SAME MATERIAL FOR ENTIRE JOB.

THRIE BEAM POSTS SHALL BE SAME MATERIAL AS W-BEAM POSTS FOR ENTIRE JOB.

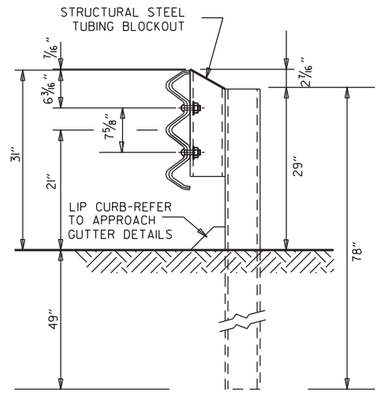
WOOD POSTS & WOOD BLOCKS SHALL BE EITHER DENSE NO. 1 STRUCTURAL OR BETTER 9.7 f (1400 f) OR NO. 1 1350 f SOUTHERN PINE.

DATE	REVISION	FILMED
11-07-19	RENAMED AND REVISED REFERENCES	
11-16-17	REVISED TRANSITION SECTION, GUARD RAIL HEIGHT, AND GENERAL NOTES; MOVED THRIE BEAM GUARD RAIL CONNECTIONS AT BRIDGES ENDS TO STD. DRWG. GR-12	
07-14-10	RAISED HEIGHT OF W-BEAM 1"	
11-29-07	ADDED PLASTIC BLOCKOUTS	
11-10-05	ADDED NOTE FOR ATTACHING STEEL BLOCKOUT	
11-18-04	REVISED GENERAL NOTES	
10-9-03	REVISED GENERAL NOTES	
04-10-03	REVISED GENERAL NOTES	
08-22-02	REVISED NOTE (2)	
06-29-00	MOVED DIMENSION LINES	
05-18-00	ADDED NOTE	
03-30-00	DRAWN & ISSUED	

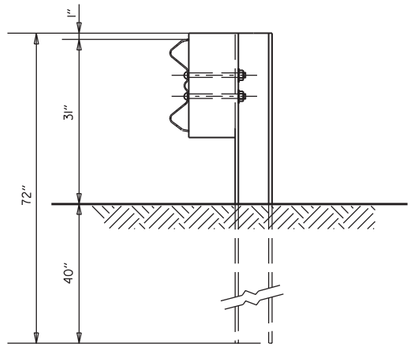
ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

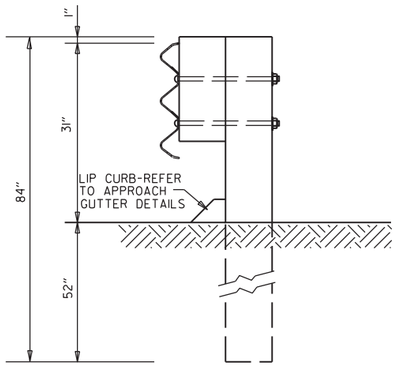
STANDARD DRAWING GR-10



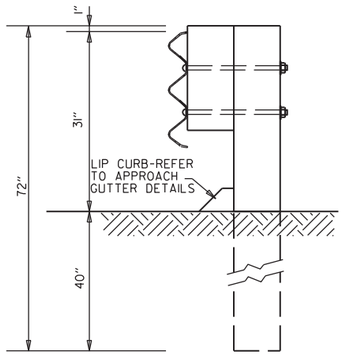
THRIE BEAM RAIL WITH STEEL TUBING BLOCKOUT
AND STEEL POST
POSTS 1-7



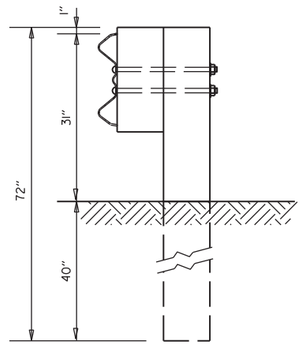
W-BEAM TO THRIE BEAM TRANSITION RAIL
WITH WOOD OR PLASTIC BLOCKOUT AND STEEL POST
POST 8



THRIE BEAM RAIL
WITH WOOD OR PLASTIC
BLOCKOUTS & WOOD POSTS
POSTS 1-6



THRIE BEAM RAIL
WITH WOOD OR PLASTIC
BLOCKOUT & WOOD POST
POST 7



W-BEAM TO THRIE BEAM
TRANSITION RAIL WITH WOOD OR
PLASTIC BLOCKOUT & WOOD POST
POST 8

GENERAL NOTES:

RAIL POSTS SHALL BE SET PERPENDICULAR TO THE ROADWAY PROFILE GRADE AND VERTICALLY IN CROSS SECTION.

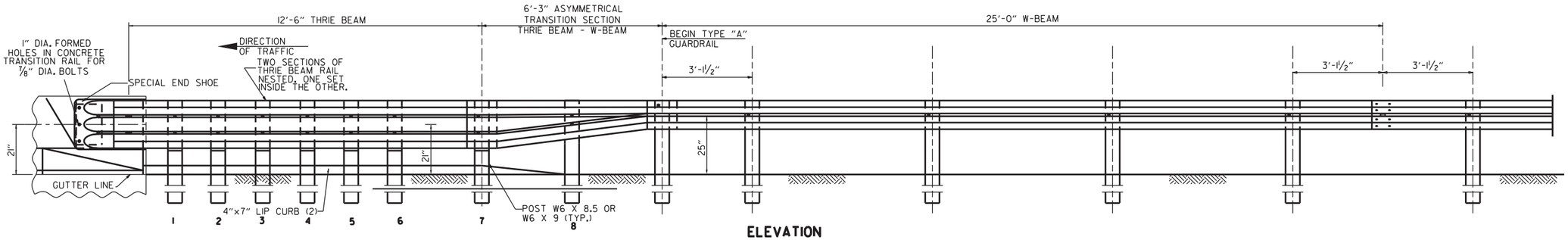
WOOD POSTS & WOOD BLOCKS SHALL BE EITHER DENSE NO. 1STRUCTURAL OR BETTER 9.7f (1400 f) OR NO. 1 1350 f SOUTHERN PINE.

DATE	REVISION	FILMED
11-07-19	RENAMED	
11-16-17	REVISED GUARDRAIL HEIGHT, CHANGED STD. DWG. NUMBER FROM GR-10A TO GR-11	
07-14-10	REVISED POST 8 DIMENSIONS	
11-29-07	ADDED PLASTIC BLOCKOUTS	
08-22-02	REVISED LIP CURB NOTE	
03-30-00	DRAWN & ISSUED	

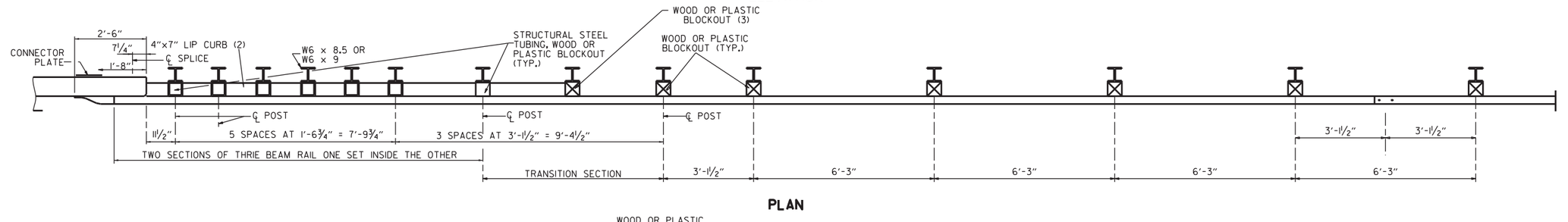
ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

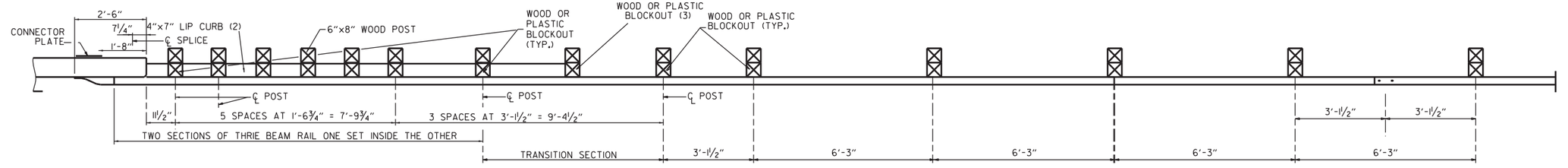
STANDARD DRAWING GR-11



ELEVATION



PLAN



PLAN

(1) VERIFY BOLT SPACING FROM RAIL TRANSITION PRODUCER.
(2) REFER TO APPROACH GUTTER DETAILS.
(3) LENGTH OF BLOCKOUT ON POST 8 TO BE MODIFIED TO FIT RAIL WIDTH.

THRIE BEAM GUARDRAIL CONNECTION AT BRIDGE ENDS

GENERAL NOTES:

THE THRIE BEAM RAIL, SPECIAL END SHOE, AND THE TRANSITION SECTION SHALL BE MADE OF STEEL AND SHALL BE 12 GAGE. ZINC COATING SHALL BE TYPE I.

RAIL POSTS SHALL BE SET PERPENDICULAR TO THE ROADWAY PROFILE GRADE AND VERTICALLY IN CROSS SECTION.

ALL BOLTS SHALL BE SUFFICIENT LENGTH TO EXTEND THROUGH THE FULL THICKNESS OF THE NUT AND NO MORE THAN 3/4" BEYOND IT.

ALL LAP SPLICES, INCLUDING SPECIAL END SHOES, SHALL BE MADE IN THE DIRECTION SHOWN ON STANDARD DRAWINGS GR-8 & GR-13.

REFER TO STD. DRWG. GR-11 FOR POST DETAILS.

USE THRIE BEAM GUARDRAIL COMPONENTS OF SAME MATERIAL FOR ENTIRE JOB.

THRIE BEAM POSTS SHALL BE SAME MATERIAL AS W-BEAM POSTS FOR ENTIRE JOB.

POSTS SHALL NOT BE PLACED AT SPLICE LOCATIONS ALONG W-BEAM RAILS.

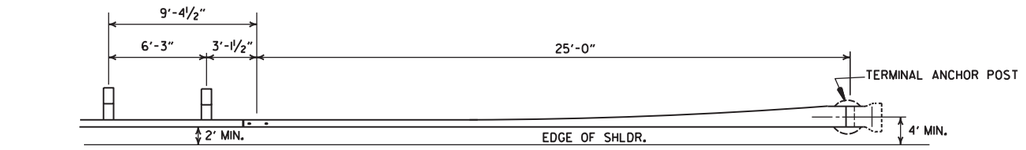
WOOD POSTS & WOOD BLOCKS SHALL BE EITHER DENSE NO. 1 STRUCTURAL OR BETTER 9.7f (1400 f) OR NO. 1 1350 f SOUTHERN PINE.

DATE	REVISION	FILMED
05-14-20	REVISED NOTES	
11-07-19	RENAMED & REVISED REFERENCES	
11-16-17	RE-DRAWN FROM STD. DWG. GR-10 & ISSUED	

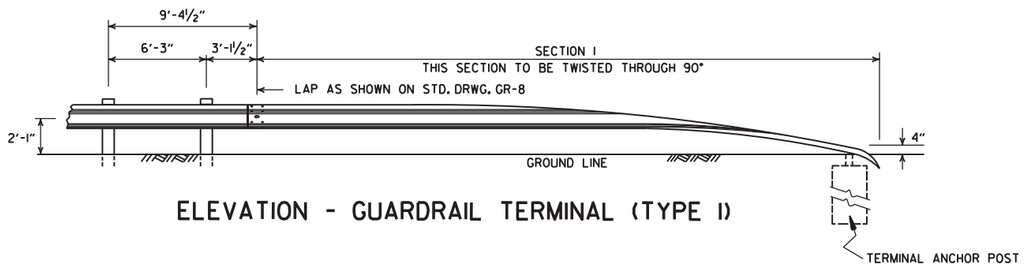
ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

STANDARD DRAWING GR-12

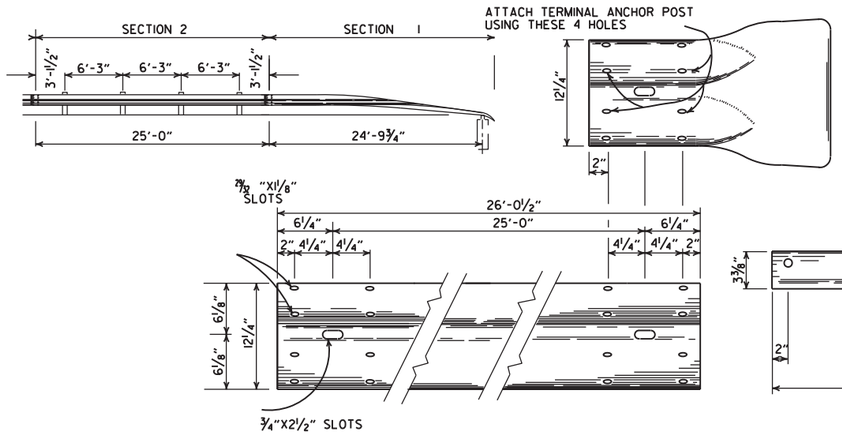


PLAN - GUARDRAIL TERMINAL (TYPE I)



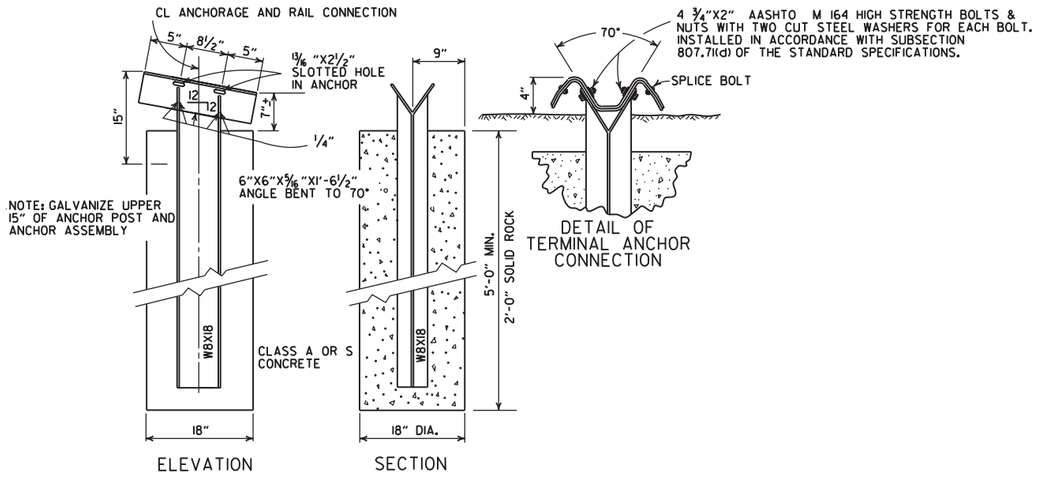
ELEVATION - GUARDRAIL TERMINAL (TYPE I)

NOTE:
SECTIONS I AND 2 OF GUARDRAIL TERMINAL SHALL BE PAID FOR AT THE PRICE BID PER LINEAR FOOT OF THE TYPE OF GUARDRAIL SPECIFIED.



SECTION I

TERMINAL SECTION



NOTE: RAIL MEMBERS MAY BE BOLTED TO ANGLE AT TERMINAL ANCHOR AND THE TWO ASSEMBLIES POSITIONED TO PROPER ALIGNMENT PRIOR TO PLACING CONCRETE AROUND 8 WF 17 POST IF CONTRACTOR SO DESIRES.

DETAIL OF TERMINAL ANCHOR POST (TYPE I)

DATE	REVISION	FILMED
11-07-19	RENAMED & REVISED REFERENCE.	
11-16-17	REVISED GUARDRAIL HEIGHT AND LOCATION OF POSTS	
07-14-10	RAISED HEIGHT OF GUARDRAIL 1"	
06-26-97	REVISED LAP NOTE	
10-18-96	REVISED ASTM REF. TO AASHTO	
11-03-94	DIMENSION TERMINAL DETAIL	
11-11-92	ADDED NOTE FOR PAYMENT	11-11-92
10-01-92	DRAWN & ISSUED	10-1-92

ARKANSAS STATE HIGHWAY COMMISSION

GUARDRAIL DETAILS

STANDARD DRAWING GRT-1



R1-1
30"X30"



W1-3
30"X30"
(LT. OR RT.)



W1-8
18"X24"



W2-5
30"X30"



W3-1
36"X36"



W5-1
36"X36"



M6-3
21"X15"



R1-2
36"X36"X36"



W1-4
30"X30"
(LT. or RT.)



W2-1
30"X30"



S1-1
36"X36"

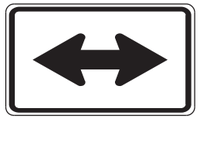


W3-2
36"X36"



County
Route Marker
M1-6
24"X24"

NOTE: REFLECTORIZED YELLOW LEGEND (COUNTY NAME, ROUTE LETTER & NUMBER) & BORDER ON A BLUE BACKGROUND.



M6-4
21"X15"



R2-1
24"X30"



W1-5
30"X30"
(LT. or RT.)



W2-2
30"X30"



W5-2
36"X36"



W8-3
36"X36"



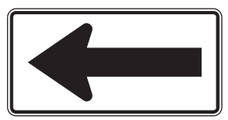
R1-3P
18"X6"



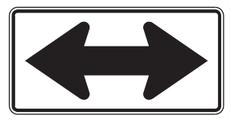
M6-5
21"X15"



W1-1
30"X30"
(LT. or RT.)



W1-6
48"X24"



W1-7
48"X24"



W2-3
30"X30"
(LT. or RT.)



W5-3
36"X36"



W13-1P
18"X18"



M6-1
21"X15"

NOTE: ALL M6 SIGNS TO BE MADE WITH REFLECTORIZED YELLOW ARROW & BORDER WITH BLUE BACKGROUND.



M6-6
21"X15"



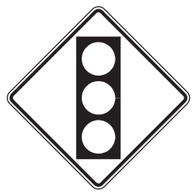
W1-2
30"X30"
(LT. or RT.)



W2-4
30"X30"



W10-1
36" DIAMETER



W3-3
36"X36"



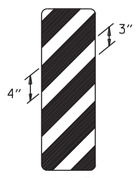
M6-2
21"X15"



S4-3P
24"X8"



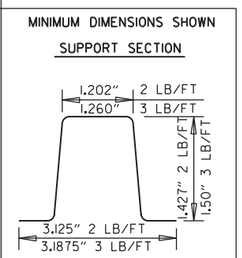
S4-2P
24"X10"



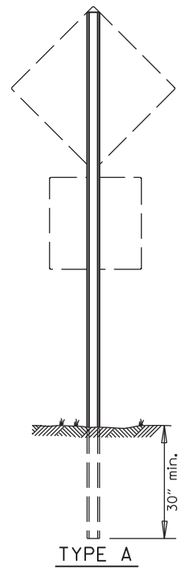
OM-3
12"X36"
(LT. or RT.)

MINIMUM DIMENSIONS SHOWN

SUPPORT SECTION

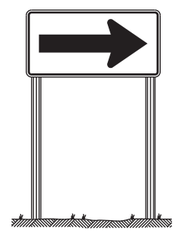


(U-CHANNEL)
STANDARD SUPPORT
ASSEMBLIES

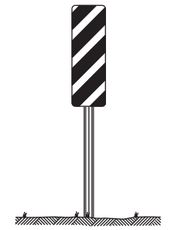


TYPE A

NOTE: LENGTH OF SIGN POSTS SHALL BE DETERMINED SO AS TO PROVIDE FOR MINIMUM VERTICAL CLEARANCES AS CALLED FOR IN THE SPECIFICATIONS PLUS A MINIMUM VERTICAL PENETRATION OF 30" IN THE SOIL.



TYPE B



TYPE C

MINIMUM WEIGHT

TYPE A & B = 3 LBS./FT.
TYPE C = 2 LBS./FT.

STANDARD HIGHWAY SIGNS

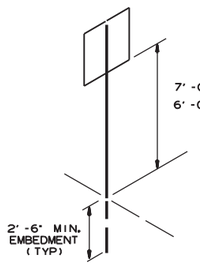
DATE	REVISION	DATE FILMED
9-12-13	DELETED JOB NO. BLOCK; REVISED RI-3 TO RI-3P	
4-17-08	REVISED SIGN DESIGNATION - W3-1 & W3-2	
4-10-03	REVISED W5-2, W8-3, OM-3; ADDED WI-8	
1-5-81	REDRAWN	960-1-15-81
9-15-78	ADDED WI4-3	877-9-15-78
9-2-76	POST WT.	623-9-3-76
5-3-76	STEEL POST WT. FROM 2#-3#; ADDED S4-2 & S4-3	504-5-3-76
8-12-74	REV. HT. TYPE "C" ASSEMBLY	500-8-21-74
12-21-72	ADDED M6-2,3,4,5,6	500-12-21-72
12-1-72	ISSUED	562-12-1-72

SUPPORT ASSEMBLIES

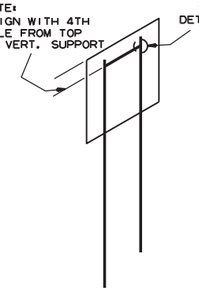
ARKANSAS STATE HIGHWAY COMMISSION

STANDARD HIGHWAY SIGNS
AND SUPPORT ASSEMBLIES

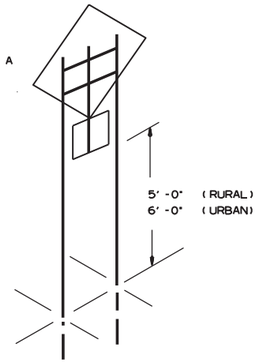
STANDARD DRAWING SHS-1



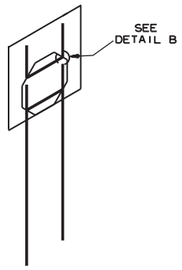
U-1



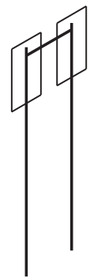
U-2



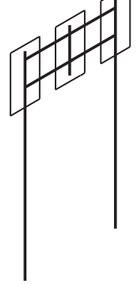
U-2 (A)



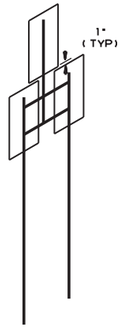
U-2 (B)



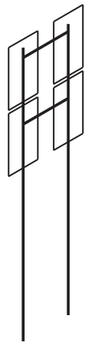
U-2 (1)



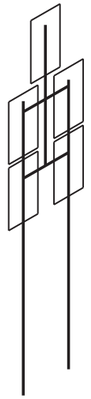
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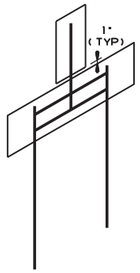
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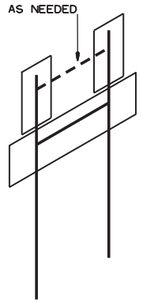
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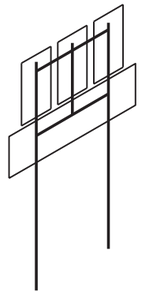
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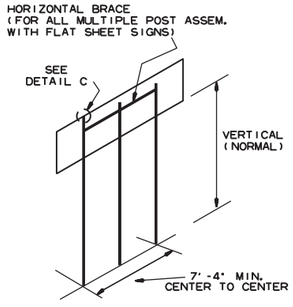
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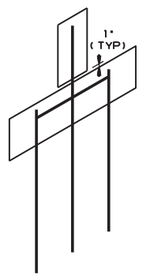
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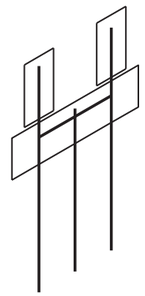
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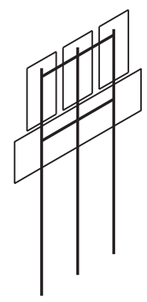
U-3



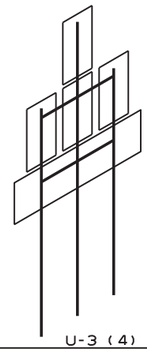
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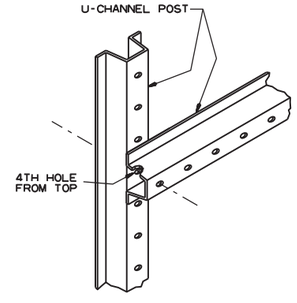
U-3 (2)



U-3 (3)

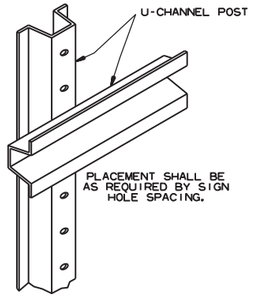


U-3 (4)



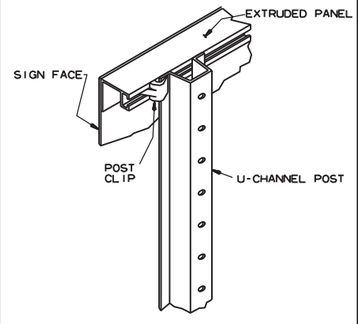
DETAIL A

SHOWING HORIZONTAL BRACE



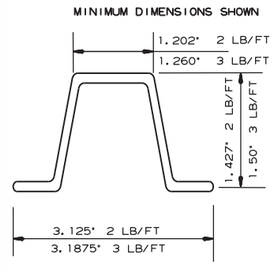
DETAIL B

SHOWING BACK-TO-BACK INSTALLATION



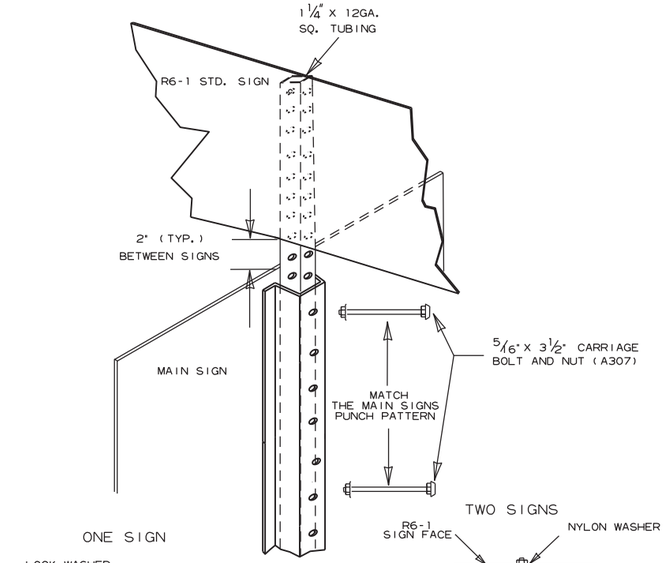
DETAIL C

SHOWING GUIDE SIGN MOUNTING WITH EXTRUDED PANELS



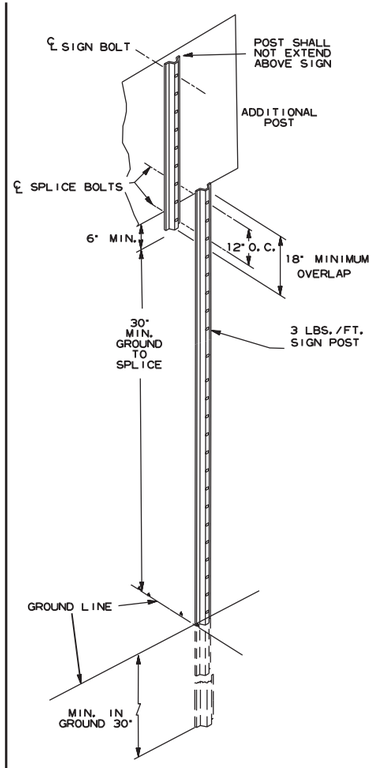
DETAIL C

U-CHANNEL POST



DETAIL E

R6-1 EXTENSION FOR U-CHANNEL POST



DETAIL F

DETAIL OF SPLICES

NOTES:

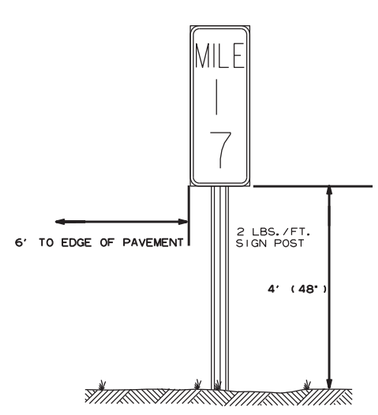
SIGNS AT LEAST 8' IN LENGTH MAY BE INSTALLED ON THREE 3 LB. POST. IN NO CASE SHALL THERE BE MORE THAN TWO 3 LB. POSTS WITHIN A 7' PATH.

SPLICES NECESSARY TO ATTAIN PROPER MOUNTING HEIGHT SHALL BE AS SHOWN IN DETAIL (F).

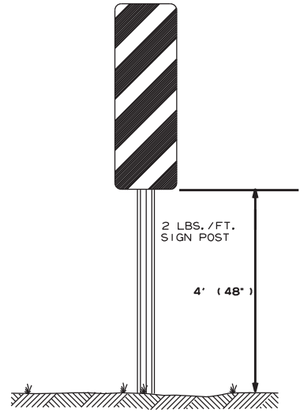
NORMAL INSTALLATIONS WILL REQUIRE 5/16" DIA. CARRIAGE BOLTS TO MOUNT SIGNS TO POST AND TO ASSEMBLE THE VARIOUS POST SUPPORTS.

ALL SIGN POSTS SHALL BE PLUMB.

THE POST FOR "TYPE U" SUPPORTS SHALL BE HOT DIP GALVANIZED.



TYPICAL MILE MARKER INSTALLATION



TYPICAL OM-3 INSTALLATION AT EDGE OF OBSTRUCTION

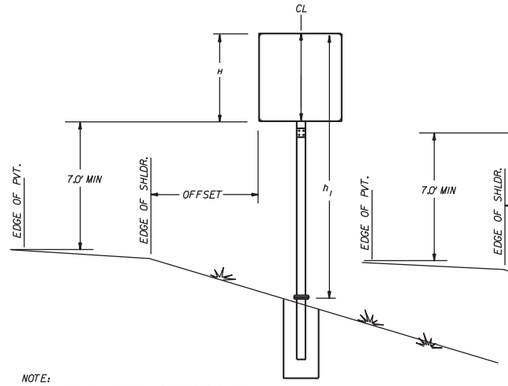
DATE	REVISION	FILMED
7-25-19	REVISED CARRIAGE BOLT WITH MATERIAL REQUIREMENT	
2-27-14	REVISED NOTES.	
9-12-13	REVISED U-2(3), U-2(6), U-3(1), DETAIL D; ADDED DETAILS E & F; ADDED TYPICAL MARKERS	
10-9-03	REMOVED ROUND POST & REVISED SPACING	
10-12-95	MOVED UPPER SPLICE	
6-8-95	REVISED SPLICE DETAIL	6-8-95
2-2-95	REDRAWN	2-2-95

ARKANSAS STATE HIGHWAY COMMISSION

U-CHANNEL POST ASSEMBLIES

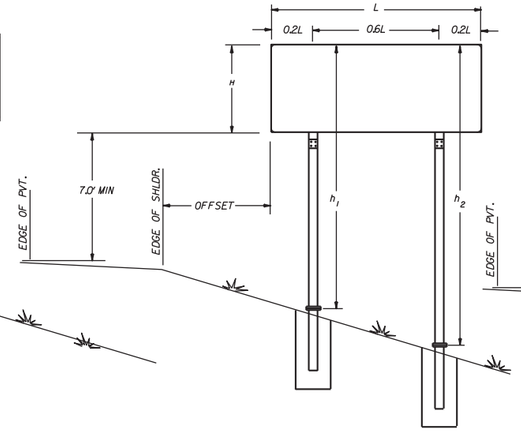
STANDARD DRAWING SHS-2

POST SIZE	BASE CONNECTION DATA											FUSE PLATE DATA									
	BOLT SIZE	BOLT TORQUE (INCH/LBS)	A	B	C	D	E	t_1	t_2	W	R	F	G		J	K	M	d_1	d_2	t_3	BOLT SIZE	WT. OF EACH FUSE PLATE LBS.
W 6X9												4¼"	2"		4"	2¼"	1"	9/16"	¾"	¼"	½" x 1½"	1.01
W 6X12	⅝" x 2¾"	450"-680"	5"	2"	1¼"	2¾"	1⅛"	¾"	½"	¼"	11/32"	5"	2½"		6"	3½"	1½"	11/16"	1¼"	⅜"	⅝" x 2¼"	2.51
W 6X15												5"	2½"		5¼"	2¾"	1¼"	13/16"	1¼"	⅜"	¾" x 2¼"	2.26
W 8X18												5"	2½"		5¼"	2¾"	1¼"	13/16"	1"	½"	¾" x 2¼"	3.35
W 8X21												5½"	2½"		5¼"	2¾"	1¼"	13/16"	1"	½"	¾" x 2¼"	4.03
W 10X22	¾" x 3½"	750"-1050"	6"	2¼"	1⅜"	3½"	1¼"	1"	¾"	5/16"	3/32"	6"	3"		5¾"	2¾"	1⅜"	13/16"	1⅛"	½"	¾" x 2¼"	4.47
W 10X26																						
W 12X26												6"	3"		6½"	3½"	1⅝"	13/16"	15/16"	½"	¾" x 2¼"	4.47

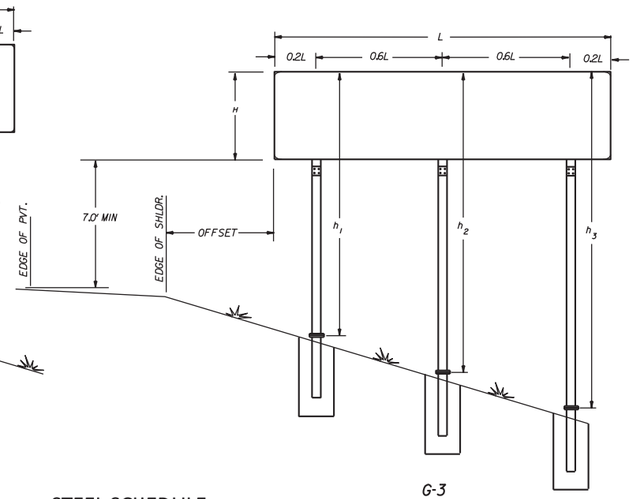


NOTE:
THE OFFSET WILL BE A MINIMUM OF 10' FROM THE EDGE OF PAVED SURFACE OR AS DIRECTED BY THE ENGINEER

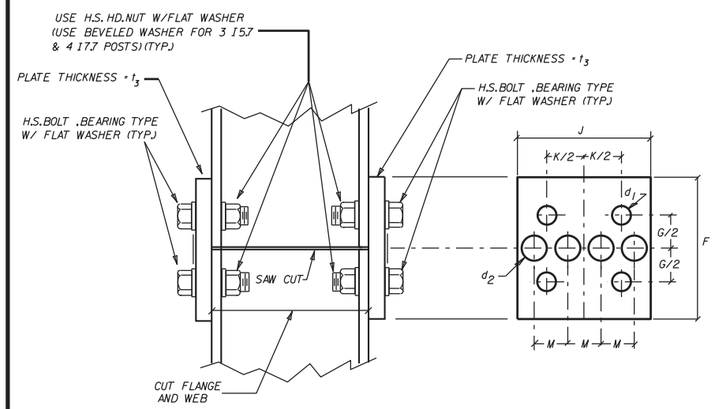
G-1



G-2

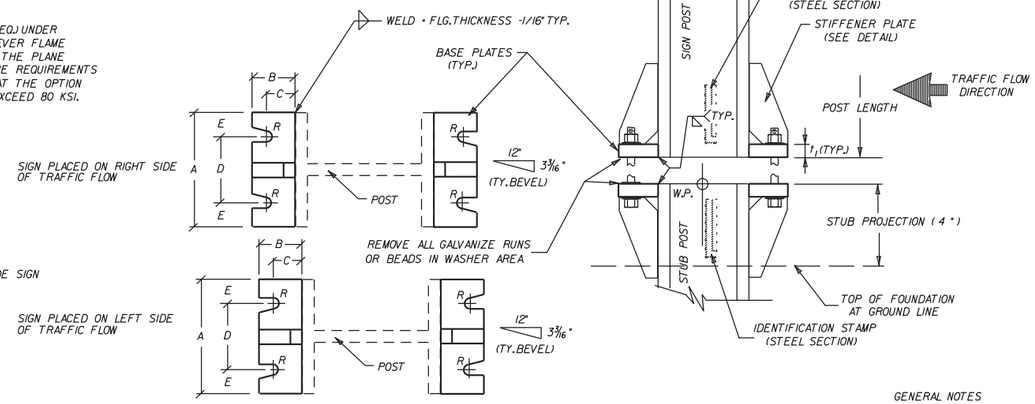


G-3

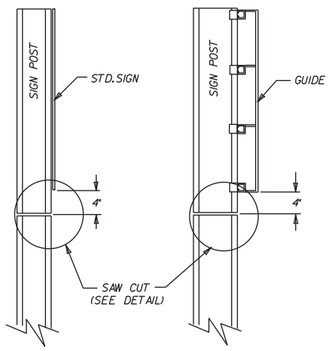


NOTE: USE H.S. HEX HEAD BOLTS, HEX HEAD NUTS AND BEVEL OR FLAT WASHERS (WHERE REQ.) UNDER NUTS. ALL HOLES SHALL BE DRILLED. ALL PLATE CUTS SHALL PREFERABLY BE SAW CUTS. HOWEVER FLAME CUTTING WILL BE PERMITTED PROVIDED ALL EDGES ARE GROUND. METAL PROJECTING BEYOND THE PLANE OF THE PLATE FACE WILL NOT BE PERMITTED. STEEL FUSE PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM-A36, ASTM-A441, ASTM-572 GRADE 50, OR ASTM-A588 MAY BE SUBSTITUTED FOR A36 AT THE OPTION OF THE FABRICATOR. STEEL USED SHALL HAVE AN ULTIMATE TENSILE STRENGTH NOT TO EXCEED 80 KSI.

NOTE: SECTIONS SHOWN ARE FOR INSTALLATION ON THE RIGHT SHOULDER AND IN THE GORE. BOLT HOLES IN BASE PLATE ARE SLOTTED AND BEVELED AS SHOWN. USE H.S. BOLTS WITH HEX HD., HEX NUT AND THREE FLAT WASHERS FOR EACH BOLT. SEE TABLE FOR BOLT DIA. AND TORQUE.
NOTE: ASSEMBLE SIGN POST TO STUB POST USING THE BOLTS SPEC. IN THE TABLE AND AS SHOWN IN THE ELEVATION DETAILS. THERE SHALL BE THREE FLAT WASHERS ON EACH BOLT LOCATED AS SHOWN IN THE ELEVATIONS. USE A SHIM TO PLUMB THE SIGN POST, THEN TIGHTEN THE BOLTS USING A 12" TO 15" WRENCH UNTIL THE WASHERS AND SHIMS ARE SEATED AND THE BOLT THREADS ARE CLEAR. THEN LOOSEN EACH BOLT IN TURN AND RETIGHTEN IN A SYSTEMATIC ORDER TO THE PRESCRIBED TORQUE (SEE TABLE). THE BURR THREADS ADJACENT TO THE BACK SIDE OF THE NUT TO PREVENT LOOSENING.



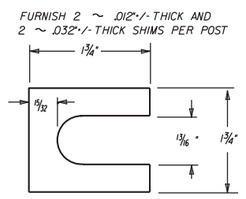
NOTE: BOLT HOLES, USED IN THE MOUNTING OF STANDARD SIGNS SHALL BE LOCATED IN THE FLANGE ADJACENT TO THE NEAR EDGE OF PAVEMENT FOR SINGLE POST ASSEMBLIES AND IN THE OUTSIDE FLANGES FOR MULTIPLE POST ASSEMBLIES.



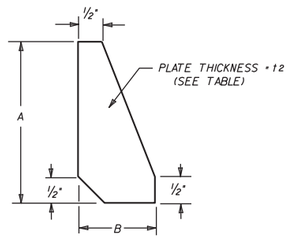
NOTE: POST SHALL BE SAW CUT AFTER GALVANIZING AND THE CUT SURFACE TREATED. AFTER PLATE IS INSTALLED AND ALL BOLTS FULLY TIGHTENED. REPAIR OF CUT SURFACES AFTER GALVANIZING SHALL BE IN ACCORDANCE WITH ASTM A123.

STANDARD SIGNS GUIDE SIGNS

FUSE PLATE DETAILS



SHIM DETAIL



STIFFENER PLATE DETAIL

GENERAL NOTES

TIGHTEN THE HIGH STRENGTH BOLTS IN THE BASE CONNECTION ONLY TO THE TORQUE SHOWN. DO NOT OVERTIGHTEN.

BASE PLATES AND STIFFENER PLATES SHALL BE OF THE SAME MATERIAL AS THE PRIMARY SUPPORT POSTS WHICH THEY ARE WELDED.

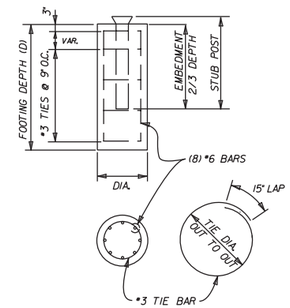
REFER TO THE PLANS FOR FOOTING DIMENSIONS.

EACH STUB POST AND SIGN POST SHALL HAVE A PERMANENT IDENTIFYING STAMP WHICH SPECIFIES THE STEEL SECTION USED. IF THE CONTRACTOR ELECTS TO SHIP THE STUB POST SEPARATE FROM THE SIGN POST A MATCH MARK SYSTEM WILL BE REQUIRED.

STEEL SCHEDULE

FOOTING DIAMETER	#3 TIE BARS DIAMETER	BAR LENGTH	POUNDS
INCHES	INCHES	FEET	
18	12	4.39	1.65
24	18	5.96	2.24
30	24	7.53	2.83
36	30	9.1	3.42

FOOTINIG DEPTH	#6 STRAIGHT BARS BAR LENGTH	NUMBER REQ'D.	POUNDS
FEET	FEET		
2.50	2.00	8	24.03
3.00	2.50	8	30.04
3.50	3.00	8	36.05
4.00	3.50	8	42.06
4.50	4.00	8	48.06
5.00	4.50	8	54.07
5.50	5.00	8	60.08
6.00	5.50	8	66.09
6.50	6.00	8	72.10
7.00	6.50	8	78.10
7.50	7.00	8	84.11
8.00	7.50	8	90.12



FOOTING QUANTITIES

FOOTINIG DEPTH	NUMBER TIE BARS REQ'D	18" DIAMETER CLASS S CONCRETE	18" DIAMETER REINF STEEL	24" DIAMETER CLASS S CONCRETE	24" DIAMETER REINF STEEL	30" DIAMETER CLASS S CONCRETE	30" DIAMETER REINF STEEL	36" DIAMETER CLASS S CONCRETE	36" DIAMETER REINF STEEL
FEET		CU. YD.	(GRADE 60)	CU. YD.	(GRADE 60)	CU. YD.	(GRADE 60)	CU. YD.	(GRADE 60)
2.50	4	0.16	31						
3.00	4	0.20	37						
3.50	5	0.23	44						
4.00	6	0.26	52	0.47	56				
4.50	6	0.29	58	0.52	62				
5.00	7	0.33	66	0.58	70	0.91	74		
5.50	8			0.64	78	1.00	83		
6.00	8			0.70	84	1.09	89	1.57	93
6.50	9					1.18	98	1.70	103
7.00	10					1.27	106	1.83	112
7.50	10							1.96	118
8.00	11							2.09	128

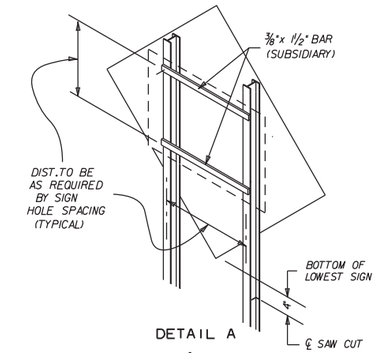
SIGN POST AND STUB POST

DATE	REVISION	FILMED
5-19-22	REVISED FUSE PLATE DETIALS' NOTE.	
9-12-13	ISSUED	

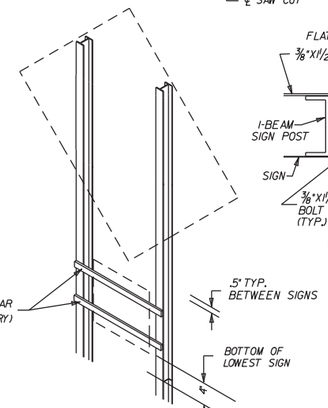
ARKANSAS STATE HIGHWAY COMMISSION

DETAIL OF BREAKAWAY SIGN SUPPORTS FOR GUIDE SIGNS

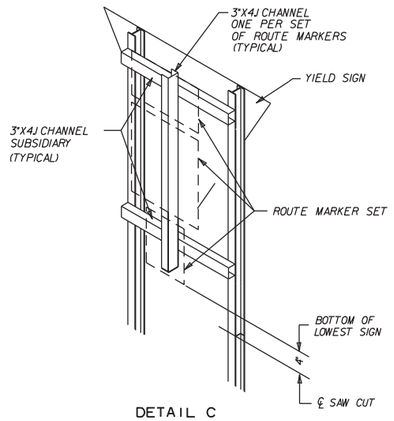
STANDARD DRAWING SHS-3



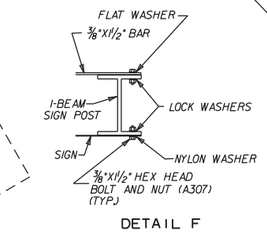
DETAIL A



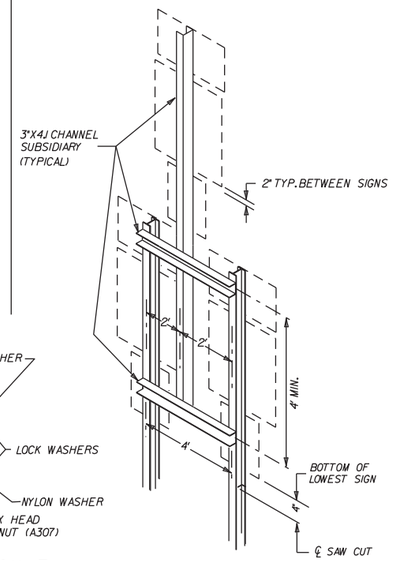
DETAIL B



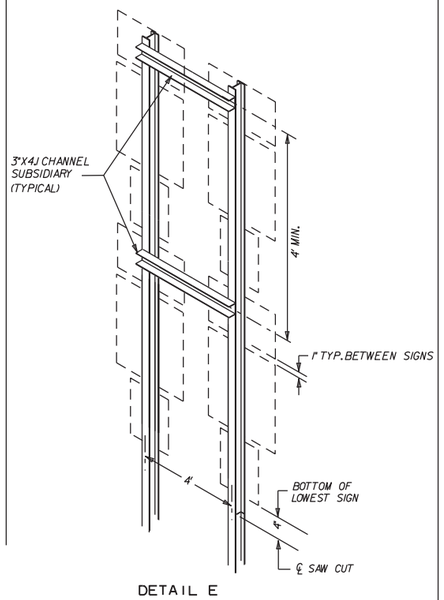
DETAIL C



DETAIL F



DETAIL D



DETAIL E

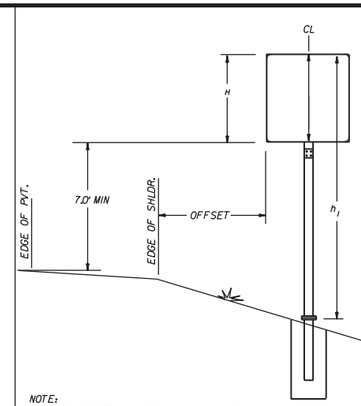
NOTE

ALL ADDITIONAL MOUNTING HARDWARE, BOLTS, NUTS, CHANNELS AND BAR STRAPS REQUIRED TO MOUNT SECONDARY SIGNS WILL BE CONSIDERED TO BE SUPPLEMENTAL TO THE MAIN SIGN SUPPORT SPECIFIED. PAYMENT WILL BE CONSIDERED SUBSIDIARY TO THE MAIN SUPPORT.

THE GALVANIZED STEEL CHANNEL AND BAR SUPPORTS MAY BE ASTM A-36.

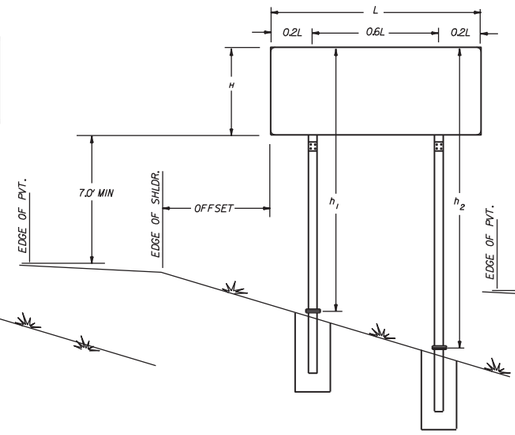
REFER TO THE P.C. RUTLEDGE FORMULA ON PAGE 58 OF THE AASHTO PUBLICATION "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS.

ALL BOLT HOLES SHALL BE 1/8" DIA. UNLESS OTHERWISE SHOWN.

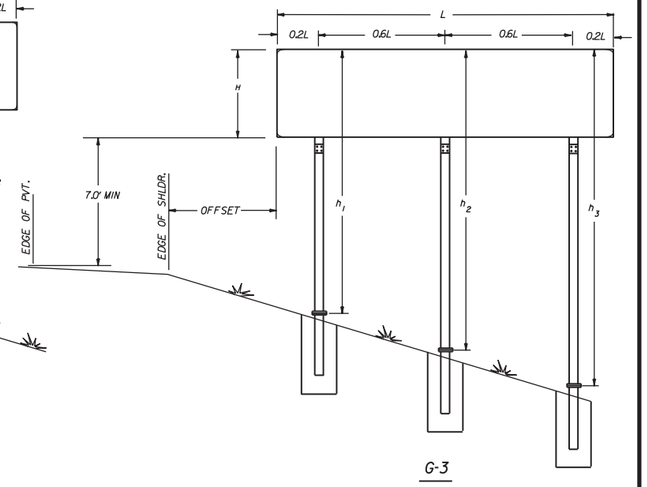


NOTE:
THE OFFSET WILL BE A MINIMUM OF 10' FROM THE EDGE OF PAVED SURFACE OR AS DIRECTED BY THE ENGINEER.

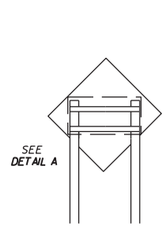
G-1



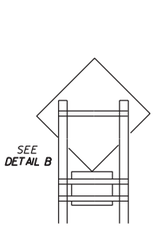
G-2



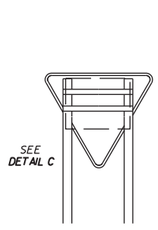
G-3



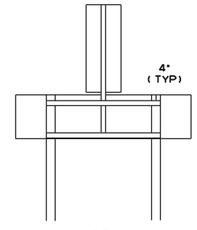
G2-1



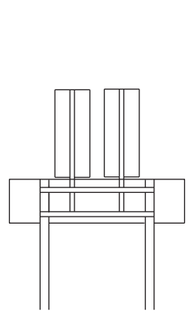
G2-2



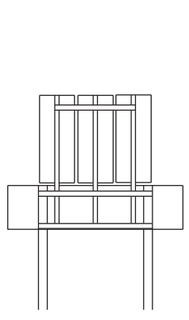
G2-3



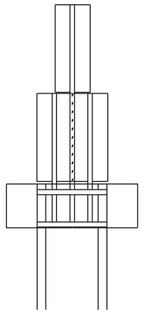
G2-4



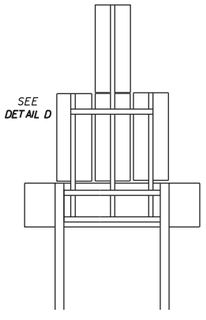
G2-5



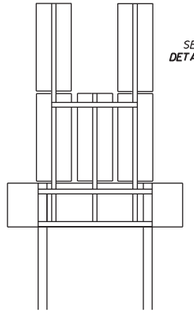
G2-6



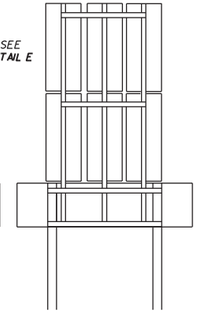
G2-7



G2-8



G2-9



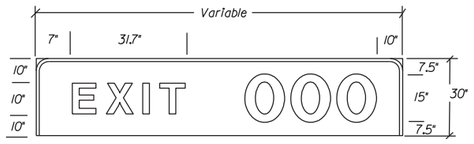
G2-10

			ARKANSAS STATE HIGHWAY COMMISSION
			DETAIL OF BREAKAWAY SIGN SUPPORTS FOR STANDARD SIGNS
9-12-13	ISSUED		STANDARD DRAWING SHS-4
DATE	REVISION	FILMED	



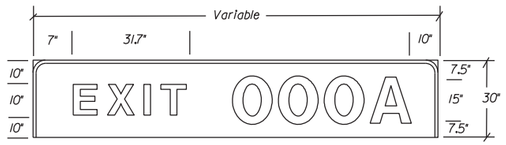
TYPICAL DETAIL

TYPE A



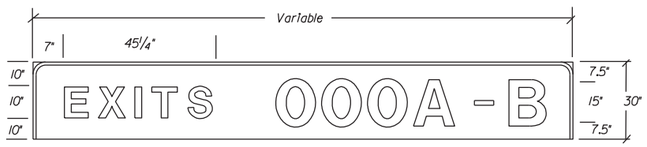
EXIT WITH 1 DIGIT 84"X30"=17.50 SF
EXIT WITH 2 DIGITS 96"X30"=20.0 SF
EXIT WITH 3 DIGITS 114"X30"=23.57 SF

TYPE B



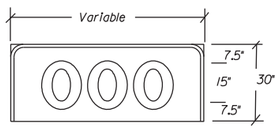
EXIT WITH 1 DIGIT PLUS "A"OR"B" 96"X30"=20.0 SF
EXIT WITH 2 DIGITS PLUS "A"OR"B" 114"X30"=23.57 SF
EXIT WITH 3 DIGITS PLUS "A"OR"B" 126"X30"=26.25 SF

TYPE C



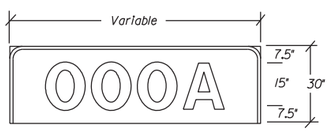
EXITS WITH 1 DIGIT PLUS "A"&"B" 132"X30"=27.50 SF
EXITS WITH 2 DIGITS PLUS "A"&"B" 150"X30"=31.25 SF
EXITS WITH 3 DIGITS PLUS "A"&"B" 168"X30"=35.00 SF

TYPE D



1 DIGIT 24"X30"=5.0 SF
2 DIGITS 42"X30"=8.75 SF
3 DIGITS 60"X30"=12.50 SF

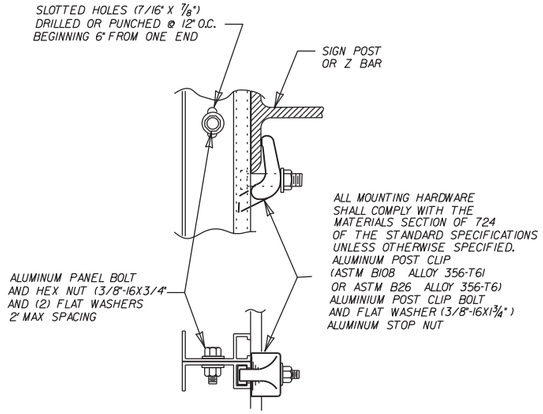
TYPE E

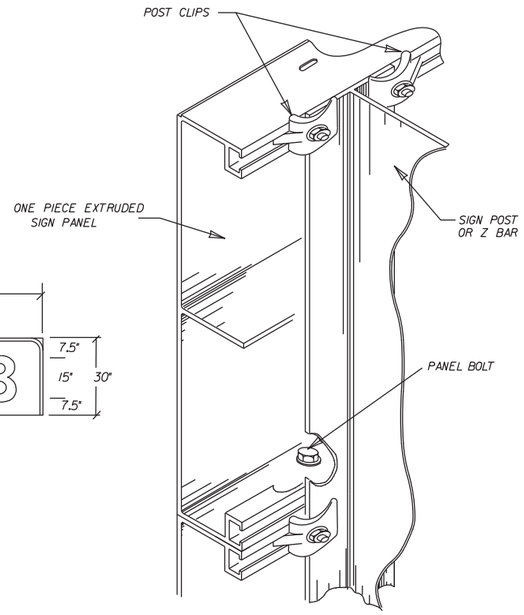


1 DIGIT PLUS "A"OR"B" 42"X30"=8.75 SF
2 DIGITS PLUS "A"OR"B" 60"X30"=12.50 SF
3 DIGITS PLUS "A"OR"B" 78"X30"=16.25 SF

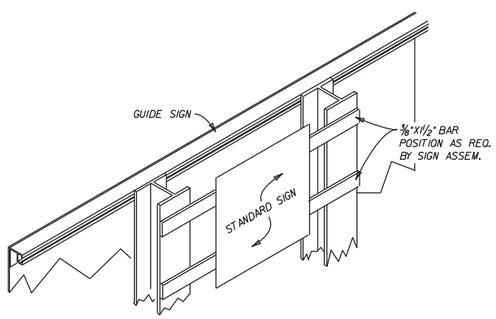
EXIT PANEL DETAILS

NOTE: EXIT NUMBER PANELS SHALL HAVE WHITE LEGENDS AND BORDERS. THE BACK GROUND COLOR WILL BE AS USE SPECIFIES. SHEETING TYPE WILL BE THE SAME AS THE GUIDE SIGN WHICH THE EXIT PANEL IS ATTACHED OR AS SPECIFIED IN THE PLANS. PAYMENT FOR ALL POST CLIPS, BOLTS, AND ANGLES SHALL BE SUBSIDIARY TO THE ITEM "EXIT NUMBER PANEL".

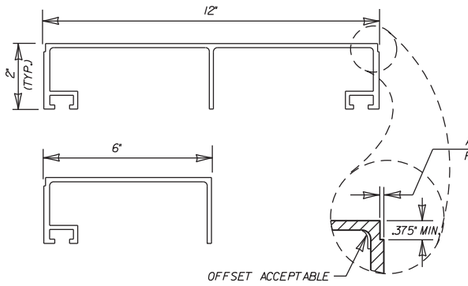




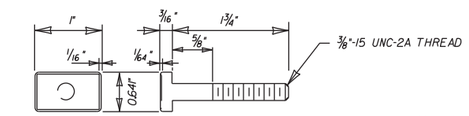
MOUNTING HARDWARE



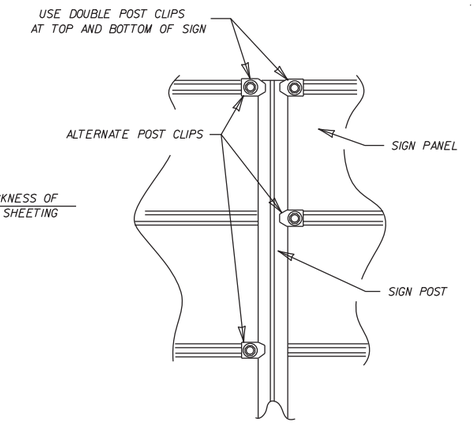
SECONDARY SIGN INSTALLATION ON BACKSIDE OF GUIDE SIGN



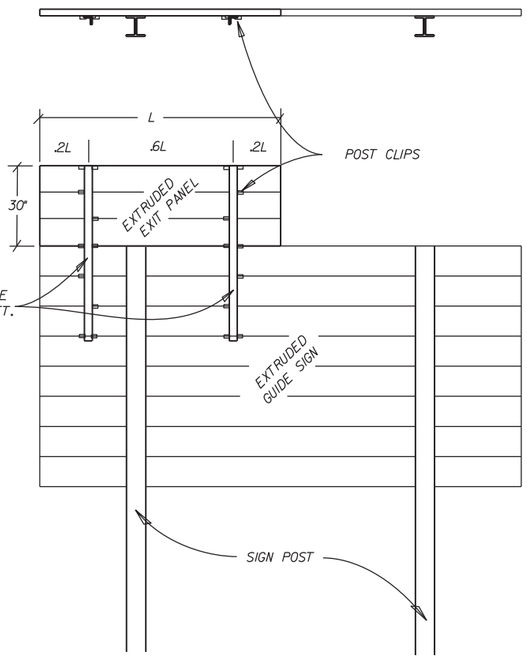
ONE PIECE EXTRUDED SIGN PANELS



POST CLIP BOLT



POST CLIP PLACEMENT

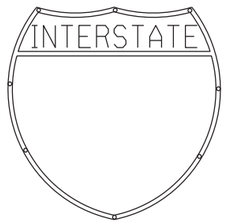


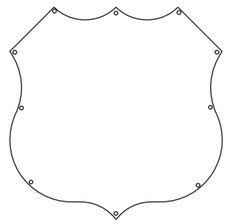
			ARKANSAS STATE HIGHWAY COMMISSION
			DETAILS OF GUIDE SIGN PANELS
9-12-13	ISSUED		STANDARD DRAWING SHS-5
DATE	REVISION	FILMED	

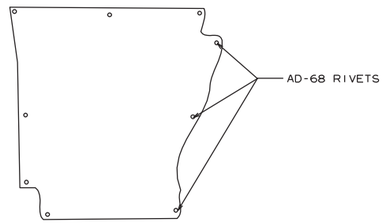
THE CONTRACTOR SHALL DRILL AND POP-RIVET LEGEND, SHIELDS, ARROWS, OR OTHER COPY AS SHOWN.

MOUNTING DETAILS FOR DEMOUNTABLE LEGEND ON GUIDE SIGNS

DIRECT APPLIED BORDER







DIRECT APPLIED BORDER

AD-68 RIVETS

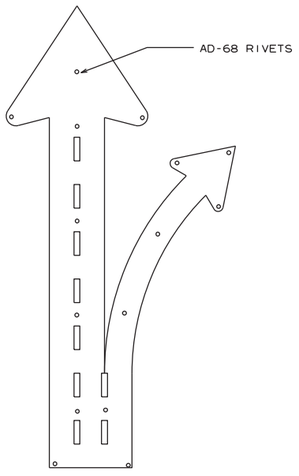
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

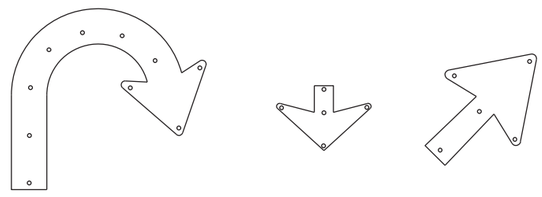
AD-68 RIVETS

a b c d e f g h i j k l m n o p q r s t u v w x y z

AD-68 RIVETS

0 1 2 3 4 5 6 7 8 9 1/4 1/2 3/4





NOTES:

LEGEND ON GUIDE SIGNS ON THE MAIN LANES SHALL BE DEMOUNTABLE LEGEND.
LEGEND ON GUIDE SIGNS ON CROSS ROADS AND RAMPS SHALL BE DIRECT APPLIED.
THE DEMOUNTABLE AND DIRECT APPLIED LEGENDS SHALL BE TYPE IX SHEETING.

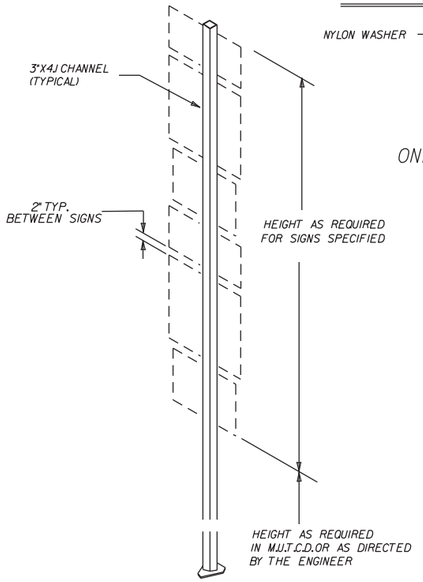
THE BACKGROUND ON ALL GUIDE SIGNS AND STANDARD SIGNS SHALL BE CONSTRUCTED USING TYPE III SHEETING.

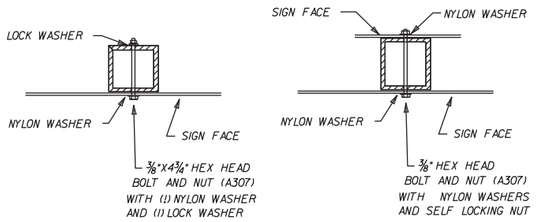
TYPE IX SHEETING FOR BORDER, LEGEND, SHIELDS, ARROWS, OR OTHER COPY SHALL BE ORIENTED VERTICALLY AS PER MANUFACTURERS' DATUM MARKS, ORIENTATION MARKS, OR OTHER RECOMMENDATIONS.

SIGN LEGEND, SHIELDS, ARROWS OR OTHER COPY SHALL BE APPLIED WITH RIVETS ONLY.

NO OTHER METHOD OF APPLYING CHARACTERS IS ALLOWED.

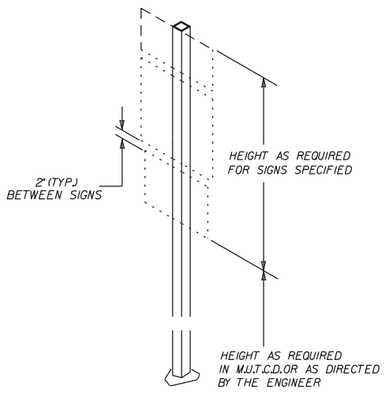
			ARKANSAS STATE HIGHWAY COMMISSION
			MOUNTING DETAILS FOR DEMOUNTABLE LEGEND ON GUIDE SIGNS
9-12-13	ISSUED		STANDARD DRAWING SHS-6
DATE	REVISION	FILMED	





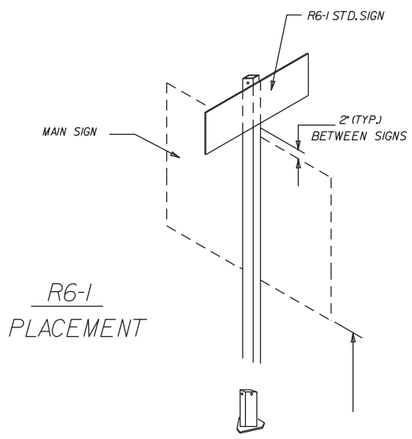
CHANNEL SHALL BE FULL LENGTH OF RECTANGULAR AND SQUARE SIGNS AND SHALL EXTEND 1½" BEYOND BOLT HOLES ON DIAMOND OR IRREGULAR SHAPED SIGNS.

MOUNTING HARDWARE

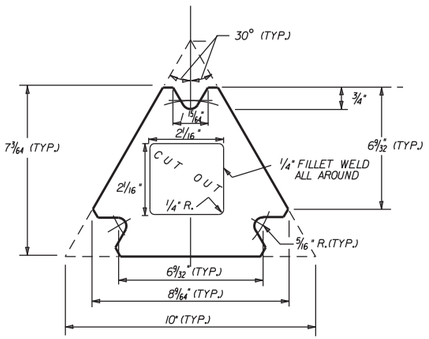


TYPE-I

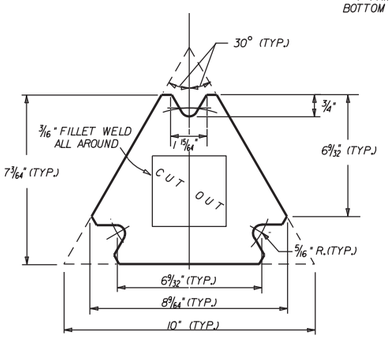
BASIS OF ESTIMATE
APPROX. 100 lbs STEEL



R6-1 PLACEMENT



TOP PLATE



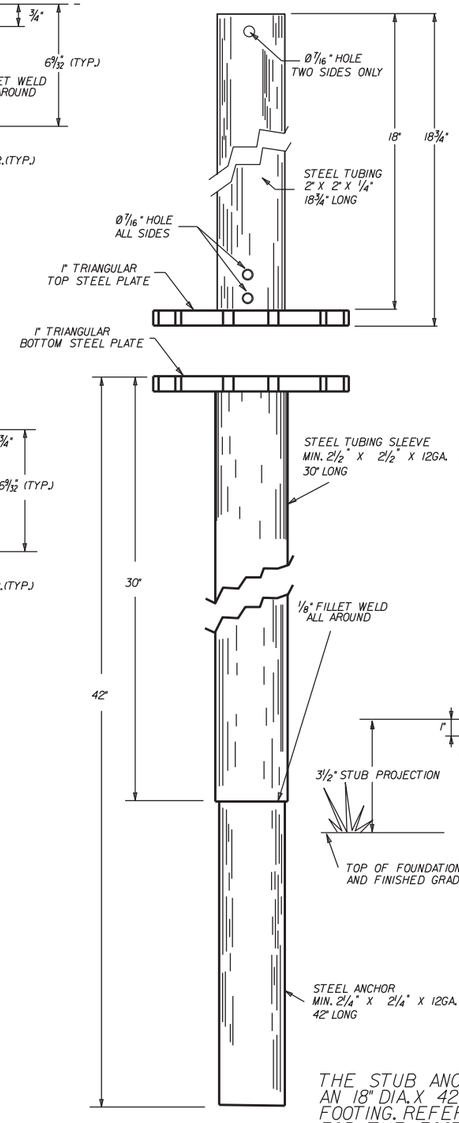
BOTTOM PLATE

GENERAL NOTES:

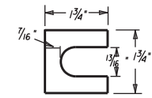
THE TOP PLATE OF TRIANGULAR SUP BASES SHALL HAVE THE SAME EXTERIOR DIMENSIONS AS THE BOTTOM PLATE.

INSIDE DIAMETER OF THE SIGN POST SHALL BE CUT THROUGH THE CENTER OF THE TOP PLATE WITH THE HOLE EDGE BEVELED AS SHOWN. THE BEVEL END SHALL BE TANGENT TO THE BOLT HOLE . ANY MISALIGNMENT SHALL BE REMOVED BY GRINDING . FACE OF BEVEL SHALL BE FINISHED TO A MINIMUM SMOOTHNESS OF 1•500 .

OTHER MASH COMPLIANT BREAKAWAY SIGN SUPPORTS THAT HAVE THE SAME TOP PLATE DIMENSIONS AND SUPPORT 2¼" X 2¼" SQUARE TUBE SIGN POSTS MAY BE SUBSTITUTED AS APPROVED BY THE ENGINEER.

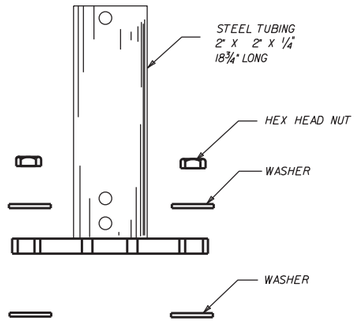


THE STUB ANCHOR SHALL BE SET IN AN 18" DIA. X 42" DEEP CONCRETE FOOTING. REFER TO STD.DRWG.SHS-3 FOR THE FOOTING DETAILS.



FURNISH (2) .012" THICK AND (2) .032" THICK SHIMS PER POST

SHIM DETAIL



			ARKANSAS STATE HIGHWAY COMMISSION
			DETAIL OF OMNI-DIRECTIONAL BREAKAWAY SIGN SUPPORTS
9-12-13 DATE	ISSUED REVISION	FILMED	STANDARD DRAWING SHS-7

R1-1



STANDARD 30"X30"
EXPRESSWAY 36"X36"
SPECIAL 48"X48"

R1-2



STD. 36"X36"X36"
EXPWY. 48"X48"X48"
FWY. 60"X60"X60"

R2-1



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"

R4-1



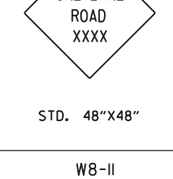
STD. 24"X30"
EXPWY. 36"X48"
FWY. 48"X60"

R4-2



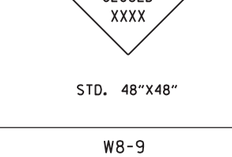
STD. 24"X30"
EXPWY. 36"X48"
FWY. 48"X60"

R5-1



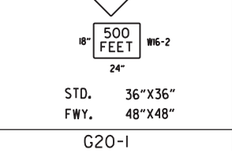
STD. 30"X30"
EXPWY. 36"X36"
SPECIAL 48"X48"

RII-2



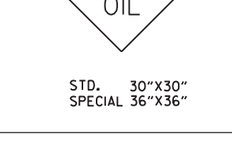
48"X30"

RII-3A



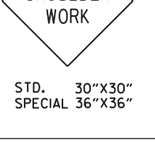
60"X30"

RII-4



60"X30"

W21-5a



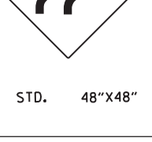
STD. 36"X36"
FWY. 48"X48"

WI-1



STD. 36"X36"
FWY. 48"X48"

WI-2



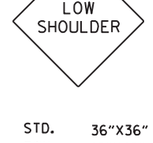
STD. 36"X36"
FWY. 48"X48"

WI-3



STD. 48"X48"

WI-4



STD. 48"X48"

WI-6



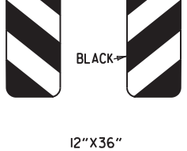
STD. 48"X24"
SPECIAL 60"X30"

WI-8



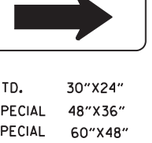
STD. 18"X24"
SPECIAL 24"X30"
EXPWY. 30"X36"
FWY. 36"X48"

W3-1



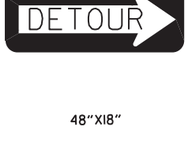
STD. 36"X36"
SPECIAL 48"X48"

W3-2



STD. 36"X36"
SPECIAL 48"X48"

W4-2



STD. 36"X36"
FWY. 48"X48"

W5-1



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"

WI3-1



STD. 24"X24"

W20-1



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



STD. 36"X36"
FWY. 48"X48"

W21-2



STD. 30"X30"
SPECIAL 36"X36"

W21-5



STD. 30"X30"
SPECIAL 36"X36"

W24-1

STD. 36"X36"

WI-4b



STD. 48"X48"

R56-1



STD. 18"X18"

W8-11

STD. 36"X36"
FWY. 48"X48"

W8-9

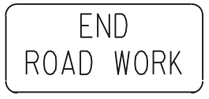
STD. 36"X36"
FWY. 48"X48"

G20-1



60"X24"

G20-2



48"X24"

OM-3L OM-3R

12"X36"

M4-9



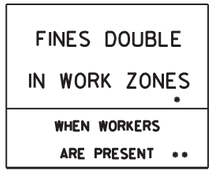
STD. 30"X24"
SPECIAL 48"X36"
SPECIAL 60"X48"

M4-10



48"X18"

R55-1



36"X60"

• USE 6" C LETTERS
•• USE 4" D LETTERS

ADVANCE DISTANCES
(XXXX)

500 FT	½ MILE
1000 FT	¾ 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.

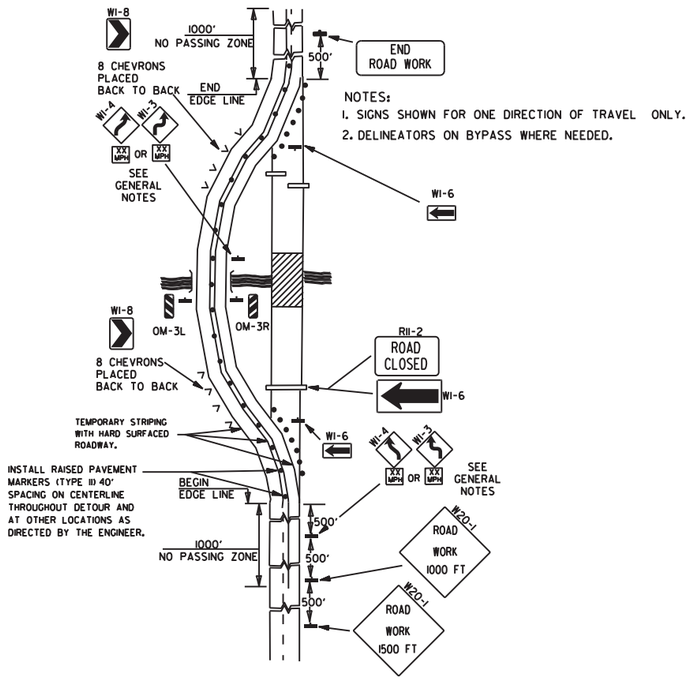
• NOTE: SUPPORTS FOR SIGNS, BARRICADES, AND VERTICAL PANELS THAT ARE DIFFERENT FROM THE REQUIREMENTS SHOWN IN NOTES 4 & 5, BUT MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH), WILL BE ACCEPTED. COMPLIANCE WITH THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) IS REQUIRED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

DATE	REVISION	FILMED
11-07-19	REVISED FOR MASH	
4-13-17	DELETED RSP-1 & ADDED W21-5a	
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	

ARKANSAS STATE HIGHWAY COMMISSION

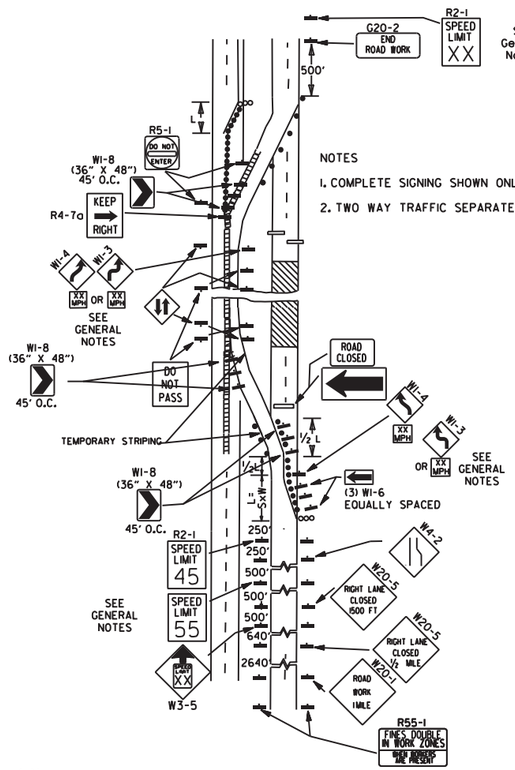
STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION

STANDARD DRAWING TC-1



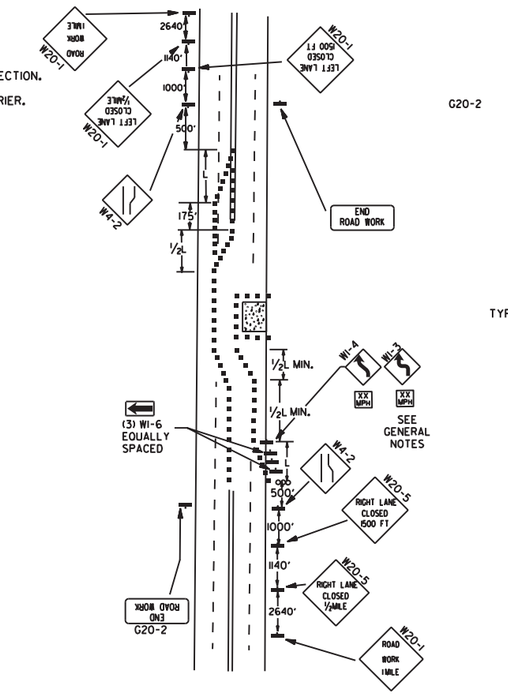
NOTES:
1. SIGNS SHOWN FOR ONE DIRECTION OF TRAVEL ONLY.
2. DELINEATORS ON BYPASS WHERE NEEDED.

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

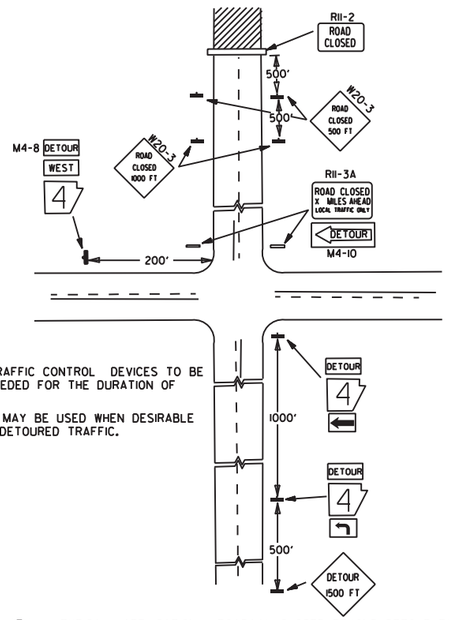


NOTES
1. COMPLETE SIGNING SHOWN ONLY IN CROSSOVER DIRECTION.
2. TWO WAY TRAFFIC SEPARATED WITH POSITIVE BARRIER.

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

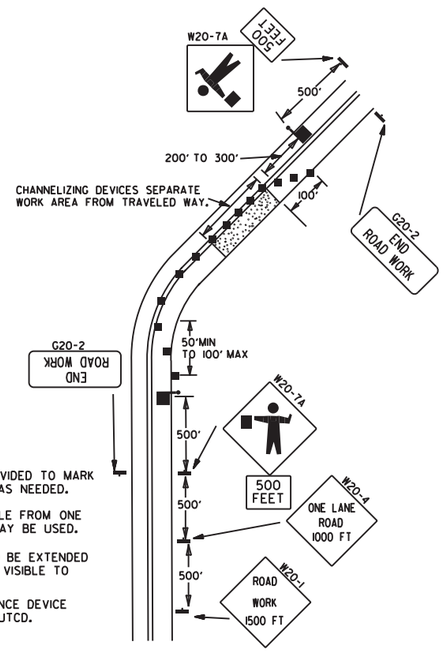


(C) TYPICAL APPLICATION - 4-LANE UNDIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.



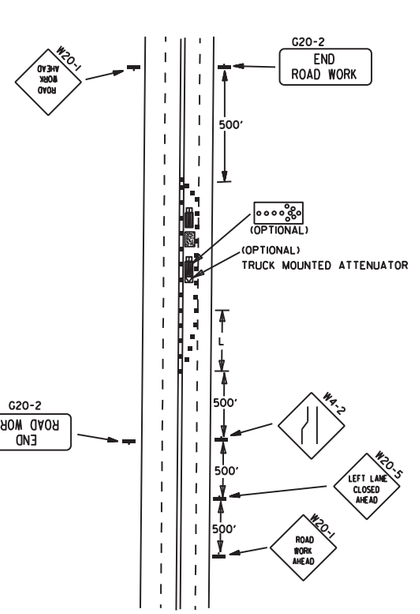
NOTES:
1. REGULATORY TRAFFIC CONTROL DEVICES TO BE MODIFIED AS NEEDED FOR THE DURATION OF THE DETOUR.
2. STREET NAMES MAY BE USED WHEN DESIRABLE FOR DIRECTING DETOURED TRAFFIC.

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

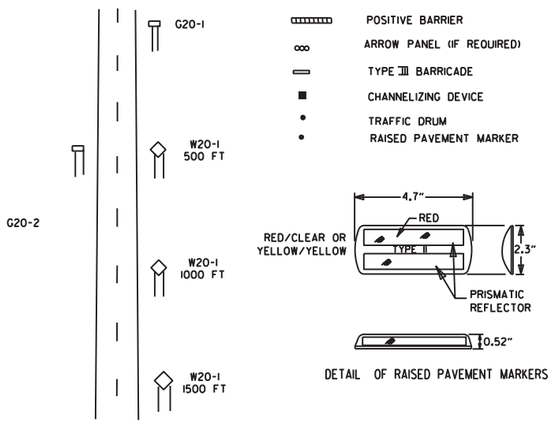


NOTES:
1. FLOOD LIGHTS SHOULD BE PROVIDED TO MARK FLAGGER STATIONS AT NIGHT AS NEEDED.
2. IF ENTIRE WORK AREA IS VISIBLE FROM ONE STATION, A SINGLE FLAGGER MAY BE USED.
3. CHANNELIZING DEVICES ARE TO BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
4. AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD) OPTIONAL. REFER TO MUTCD.

(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.



DETAIL OF RAISED PAVEMENT MARKERS

TYPICAL ADVANCE WARNING SIGN PLACEMENT

TAPER FORMULAE:

L=SXW FOR SPEEDS OF 45MPH OR MORE.

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

WHERE:

L= MINIMUM LENGTH OF TAPER.

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

W= WIDTH OF OFFSET.

GENERAL NOTES:

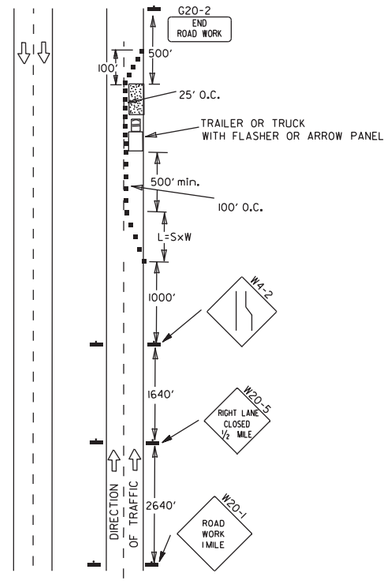
1. THE MAINTENANCE DIVISION SHALL CONDUCT A BALL BANK STUDY TO DETERMINE THE ADVISORY SPEED LIMIT PRIOR TO OPENING TO TRAFFIC. THE ADVISORY SPEED WILL BE POSTED ON W1-3 OR W1-4 CURVE WARNING SIGNS. USE W1-4 WHEN SPEED IS GREATER THAN 30MPH AND W1-3 WHEN 30MPH OR LESS
2. WHEN THE EXISTING SPEED LIMIT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

DATE	REVISION	FILMED
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 (G) 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	

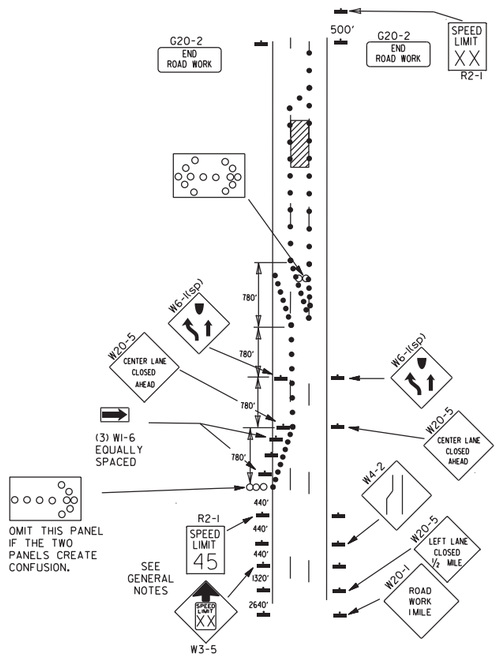
ARKANSAS STATE HIGHWAY COMMISSION

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.



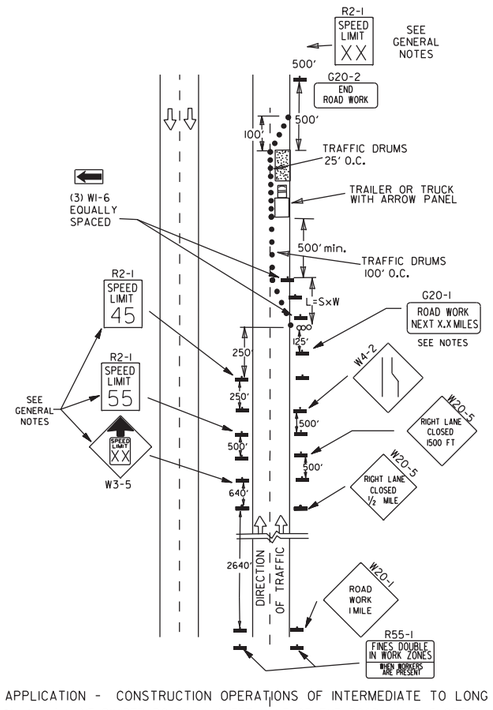
(B) TYPICAL APPLICATION - 3-LANE ONEWAY ROADWAY WHERE CENTER LANE IS CLOSED.

KEY:

- ooo ARROW PANEL (IF REQUIRED)
- ■ CHANNELIZING DEVICE
- ● TRAFFIC DRUM

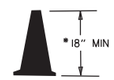
GENERAL NOTES:

1. A SPEED LIMIT REDUCTION MAY BE IMPLEMENTED ONLY WHEN DESIGNATED IN THE PLAN OR WHEN RECOMMENDED BY THE ROADWAY DESIGN DIVISION.
2. WHEN THE EXISTING SPEED LIMIT IS 55MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 45MPH, THE R2-1(55) SHALL BE OMITTED AND THE W3-5 SHALL BE INSTALLED AT THAT LOCATION. ADDITIONAL R2-1 45MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1MILE INTERVALS. AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
3. WHEN THE EXISTING SPEED LIMIT IS 65MPH AND THE PLANS REQUIRE A SPEED LIMIT OF 55MPH, THE R2-1(45) SHALL BE OMITTED. ADDITIONAL R2-1 55MPH SPEED LIMIT SIGNS SHALL BE INSTALLED AT A MAXIMUM OF 1MILE INTERVALS. AT THE END OF THE WORK AREA A R2-1(XX) SHALL BE INSTALLED TO MATCH ORIGINAL SPEED LIMIT.
4. THE MAXIMUM SPACING BETWEEN CHANNELIZING DEVICES IN A TAPER SHOULD BE APPROXIMATELY EQUAL IN FEET TO THE SPEED LIMIT. BEYOND THE TAPER, MAXIMUM SPACING SHALL BE TWO TIMES THE SPEED LIMIT OR AS DIRECTED BY THE ENGINEER.
5. WARNING LIGHTS AND/OR FLAGS MAY BE MOUNTED TO SIGNS OR CHANNELIZING DEVICES AT NIGHT AS NEEDED.
6. PAVEMENT MARKINGS NO LONGER APPLICABLE WHICH MIGHT CREATE CONFUSION IN THE MINDS OF VEHICLE OPERATORS SHALL BE REMOVED OR OBLITERATED AS SOON AS PRACTICABLE.
7. 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 MILE) SIGNS ARE NOT REQUIRED IN ADVANCE OF LANE CLOSURES THAT BEGIN INSIDE THE PROJECT LIMITS.
8. FLAGGERS SHALL USE STOP/SLOW PADDLES FOR CONTROLLING TRAFFIC THROUGH WORK ZONES. FLAGS MAY BE USED ONLY FOR EMERGENCY SITUATIONS.
9. ALL PLASTIC DRUMS AND CONES SHALL MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH).
10. 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.
11. 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).



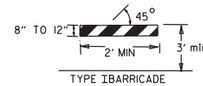
(C) TYPICAL APPLICATION - CONSTRUCTION OPERATIONS OF INTERMEDIATE TO LONG TERM DURATION ON A 4-LANE DIVIDED ROADWAY WHERE HALF OF THE ROADWAY IS CLOSED.

CHANNELIZING DEVICES



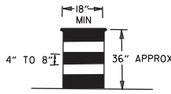
* WHEN CONES ARE USED ON FREEWAYS AND MULTI-LANE HIGHWAYS, THEY SHALL BE 28" MIN. DURING HOURS OF DARKNESS, 28" CONES SHALL BE USED ON ALL ROADWAYS, AND SHALL BE REFLECTORIZED IN ACCORDANCE WITH THE M.U.T.C.D.

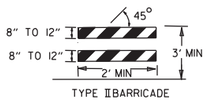
CONES



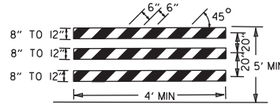
TYPE I BARRICADE

PLASTIC DRUM



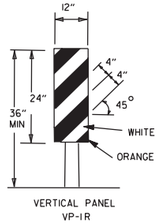


TYPE II BARRICADE



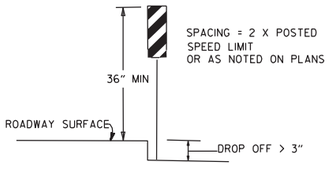
TYPE III BARRICADE

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

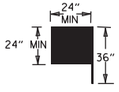


VERTICAL PANEL
VP-1R

VERTICAL PANEL PLACEMENT



FLAG



FLAG SHALL BE OF GOOD GRADE RED MATERIAL

TRAFFIC CONTROL DEVICES

NON-INTERSTATE

VERTICAL DIFFERENTIAL	LOCATION	TRAFFIC CONTROL	
		≤ 45 MPH	> 45 MPH
≤ 1"	CENTERLINE	W8-11	W8-11
> 1" ≤ 3"	CENTERLINE	W8-11 AND CENTERLINE LANE STRIPING	W8-11 AND CENTERLINE LANE STRIPING
> 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" ≤ 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[1]
> 6" ≤ 18"	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" ≤ 24"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	W8-17, EDGE LINE STRIPING, AND TRAFFIC DRUMS[1]	A STABILIZED WEDGE, W8-17, EDGE LINE STRIPING AND TRAFFIC DRUMS[3]
> 24"	EDGE OF TRAVELED LANE OR EDGE OF SHOULDER	PRECAST CONCRETE BARRIER[4] & EDGE LINES	PRECAST CONCRETE BARRIER[4] & EDGE LINES

INTERSTATE

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

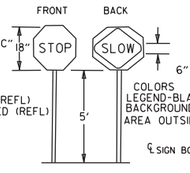
INTERSTATE AND NON-INTERSTATE

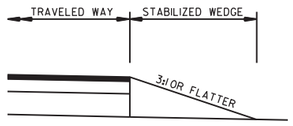
FORESLOPE	HEIGHT	TRAFFIC CONTROL
1:1	> 2 FT	PRECAST CONCRETE BARRIER
2:1	≤ 5 FT	TRAFFIC DRUMS
2:1	> 5 FT	PRECAST CONCRETE BARRIER
Flatter than 2:1	N/A	TRAFFIC DRUMS

GENERAL NOTES:

1. 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.
2. WHEN THERE IS INSUFFICIENT WIDTH TO PLACE TRAFFIC DRUMS ON THE REMAINING SHOULDER WIDTH, A STABILIZED WEDGE SHALL BE USED.
3. 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.
4. 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.
5. W21-5, W21-5a, AND/OR W21-5b SIGNS SHALL BE USED WHERE THE ROADWAY IS UNOBSTRUCTED IF AND WHERE DIRECTED BY THE ENGINEER.
6. TIME LIMITATIONS MUST CONFORM TO SECTION 603 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (CURRENT EDITION).

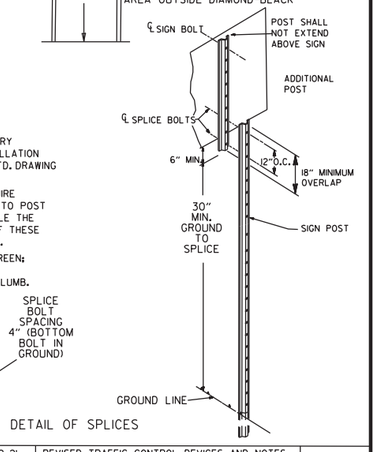
STOP SLOW PADDLE





STABILIZED WEDGE

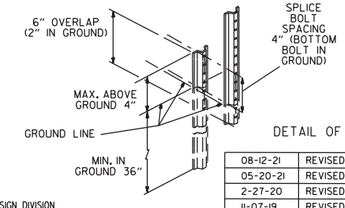
NOTE:
MATERIALS FOR THE STABILIZED WEDGE SHALL MEET THE REQUIREMENTS PROVIDED IN SECTION 603.02 OF THE STANDARD SPECIFICATIONS.



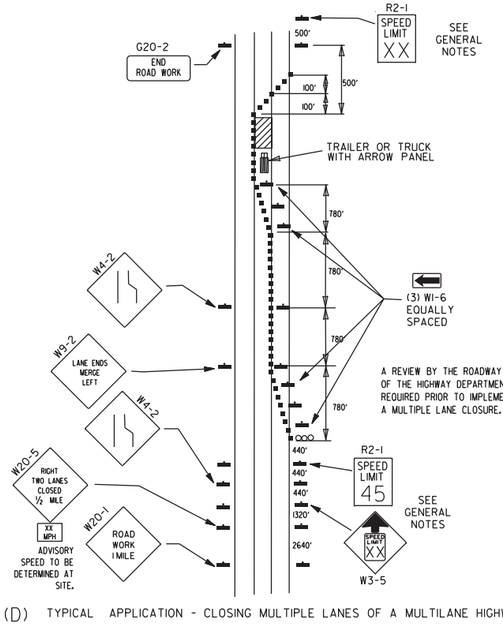
NOTES: USE SPLICES ONLY WHEN NECESSARY FOR INSTALLATION. TYPICAL INSTALLATION SHOULD HAVE NO SPLICES (SEE STD. DRAWING NO. SHS-21)

NORMAL INSTALLATIONS WILL REQUIRE 1/4" DIA. BOLTS TO MOUNT SIGNS TO POST AND 5/16" DIA. BOLTS TO ASSEMBLE THE VARIOUS POST SUPPORTS. EACH OF THESE BOLTS SHALL BE CARRIAGE BOLTS.

SIGN POSTS SHALL BE PAINTED GREEN; SIGNS SHALL NOT BE PAINTED, AND ALL SIGN POSTS SHALL BE PLUMB.



DETAIL OF SPLICES



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

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

DATE	REVISION	FILMED
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	

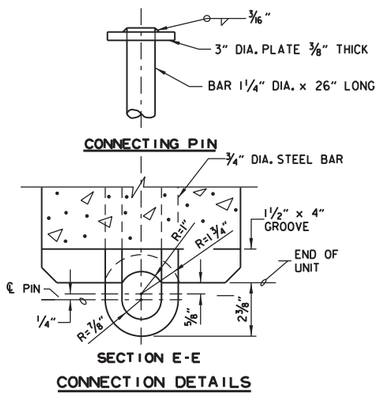
ARKANSAS STATE HIGHWAY COMMISSION

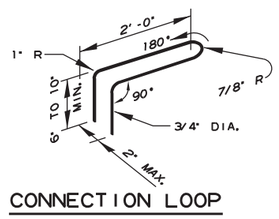
STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION

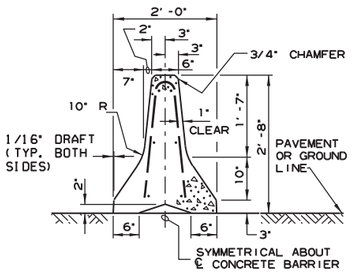
STANDARD DRAWING TC-3

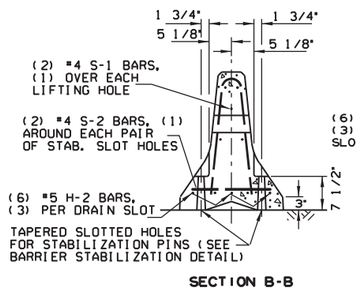
REINFORCING BAR TABLE PER BARRIER UNIT

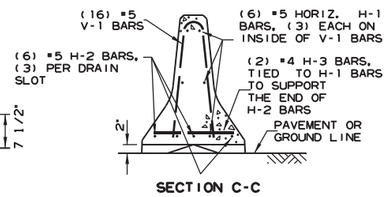
MARK	LOCATION	BAR SIZE	(NO. BARS)	SKETCH
H-1	HORIZONTAL IN BARRIER TIED INSIDE V-1 BARS	#5	(6)	19'-3"
H-2	CENTERED ABOVE DRAIN SLOTS LONG. & TRANSVERSELY	#5	(6)	6'-6"
H-3	TIED ABOVE H-1 BARS TO SUPPORT H-2. TIED TO V-1	#4	(2)	1'-6"
S-1	OVER LIFT HOLES	#4	(2)	2'-5", LIFTING HOLE, 90°, 3 3/8" R
S-2	HORIZ. AROUND SLOTS BETWEEN V-1'S @ DRAIN SLOTS	#4	(2)	1 1/2" R, SLOTS, 7", 1'-6", 1" MIN. CLEAR TO BAR; 5'-1" BAR W/(4) 1 1/2" R BENDS & MIN. 1'-0" OVERLAP
V-1	VERTICAL IN BARRIER(3) EACH END & (2) AT EACH DRAIN SLOTS	#5	(16)	TOTAL LENGTH 4'-9", 2 3/16" R, 12°, 9 1/2", 2'-1 3/8", 4 3/8"

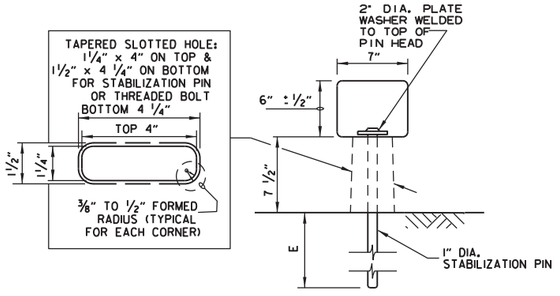


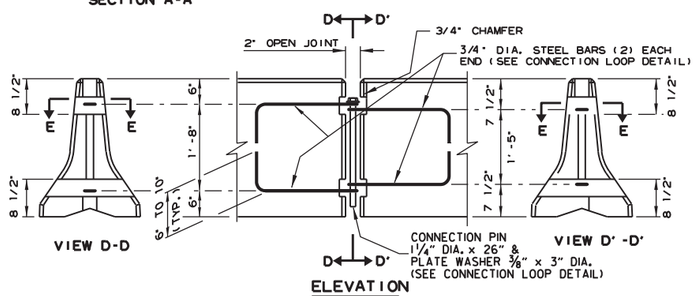


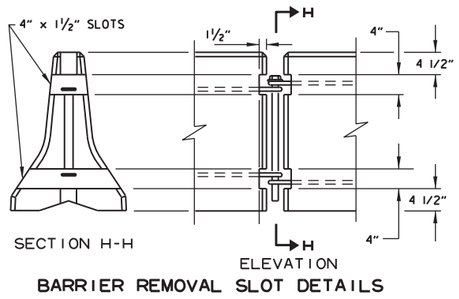


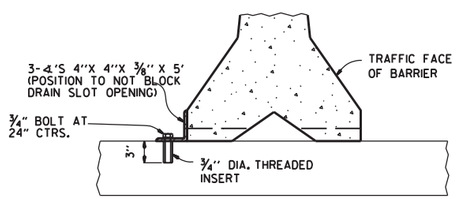




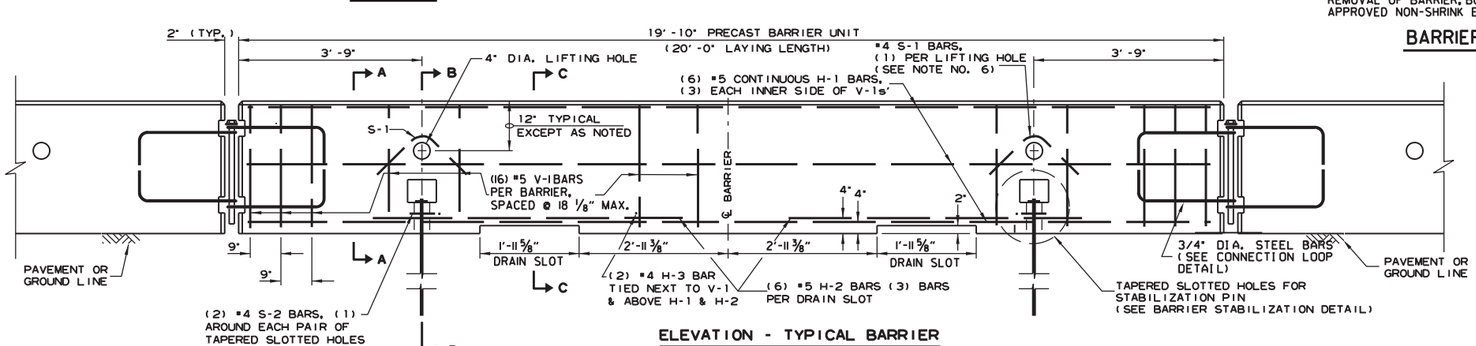








NOTE: " THREADED INSERTS SHALL BE CAST IN PLACE FOR ALL NEW BRIDGE DECKS AND DRILLED AND GROUTED FOR EXISTING BRIDGE DECKS. INSERTS SHALL HAVE A MINIMUM ULTIMATE LOAD CAPACITY OF 8000 LBS. IN TENSION. AFTER REMOVAL OF BARRIER, BOLTS, AND ANGLES, THE INSERTS SHALL BE FILLED WITH APPROVED NON-SHRINK EPOXY.



MASS: 3.9 tons PER PANEL

GENERAL NOTES

1. THE CONTRACTOR SHALL FURNISH THE PRECAST CONCRETE BARRIER UNITS AND SHALL BE RESPONSIBLE FOR THE MANUFACTURE, SHIPMENT, STORAGE, PLACEMENT AND REMOVAL. AT THE COMPLETION OF THE PROJECT, THE PRECAST UNITS WILL REMAIN THE PROPERTY OF THE CONTRACTOR.

2. MATERIALS SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
   CONCRETE: 2500 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
   REINFORCING STEEL: AASHTO M 31 OR M 53, GRADE 60
   STRUCTURAL STEEL: AASHTO-M270 GRADE 36 SHALL BE USED FOR THE CONNECTION PIN, CONNECTION LOOPS, AND STABILIZATION PINS. A ONE PIECE PIN WITH A 3" ROUNDED TOP MAY BE USED IN PLACE OF THE DETAILED CONNECTION PIN.
   DELINEATORS: DELINEATORS SHALL BE MOUNTED AT 10' SPACING ON TOP OF PRECAST BARRIER.

   IN APPLICATIONS WHERE BARRIER WALL IS WITHIN 6 FEET OF A TRAFFIC LANE, ADDITIONAL DELINEATORS SHALL BE PLACED ON THE BARRIER AT 10' SPACING APPROXIMATELY ONE (1) FOOT FROM THE TOP OF THE BARRIER. DELINEATORS SHALL BE ON THE ARDOT QUALIFIED PRODUCTS LIST FOR CONSTRUCTION CONCRETE BARRIER MARKERS.
   DELINEATOR COLOR SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
   PAYMENT FOR DELINEATORS SHALL BE CONSIDERED INCLUDED IN THE PRICE BID PER LIN. FT. FOR "FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER". THE CONTRACTOR SHALL CERTIFY TO THE ENGINEER THAT THE MATERIAL AND THE DESIGN USED IN THE PRECAST BARRIER UNITS MEETS THE REQUIREMENTS AS SHOWN ON THIS STANDARD DRAWING.

3. OTHER PRECAST CONCRETE BARRIERS THAT HAVE BEEN CRASH TESTED AND APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION TO MEET THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) WILL BE ACCEPTED IN LIEU OF THE BARRIER SHOWN. DRAIN SLOTS SHALL BE PROVIDED AS NEEDED OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH A CERTIFICATION OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH) COMPLIANCE FOR ANY OTHER TYPES OF PRECAST BARRIER TO BE USED. THE CERTIFICATION SHALL STATE THAT THE PRECAST CONCRETE BARRIER MEETS THE REQUIREMENTS OF MANUAL FOR ASSESSING SAFETY HARDWARE (MASH). MIXING OF SHAPES WILL NOT BE ALLOWED IN A CONTINUOUS LINE OF UNITS.

4. DOWEL HOLES IN PAVEMENT OR BRIDGE SLABS THAT ARE TO REMAIN IN PLACE SHALL BE FILLED. HOLES IN CONCRETE PAVEMENT AND BRIDGE SLABS SHALL BE FILLED WITH AN APPROVED NON-SHRINK EPOXY GROUT. HOLES IN ASPHALT PAVEMENT SHALL BE FILLED WITH AN APPROVED ASPHALT JOINT FILLER. PAYMENT FOR DRILLING AND FILLING HOLES TO BE INCLUDED IN THE PRICE FOR VARIOUS BARRIER ITEMS.

5. ATTACH UNITS TO ROADWAY SURFACE WITH STABILIZATION PINS AND TO DECK SLABS USING BOLTS WHEN REQUIRED.

6. A 4" WHITE PVC SLEEVE MAY BE USED TO FORM THE LIFTING HOLE AND IF USED THE SLEEVE IS TO BE LEFT IN PLACE.

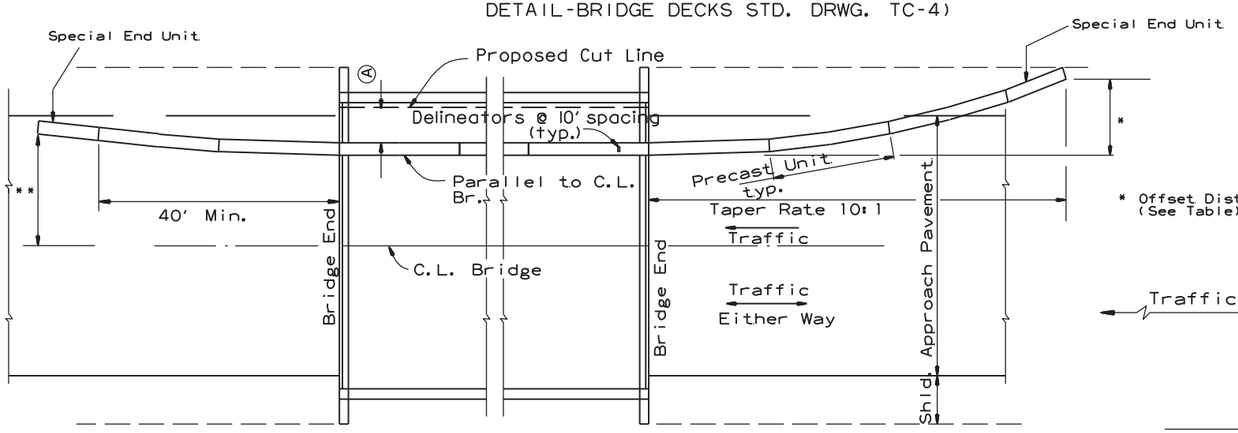
DATE	REVISION	FILMED
11-07-19	REVISED NOTE 3	
2-27-14	REVISED BARRIER STABILIZATION DETAIL	
10-15-09	ADDED REFERENCE TO MASH	
8-5-09	REV. NOTE 3 CONCERNING DRAIN SLOTS	
11-29-07	REVISED NOTE 3	
5-25-06	DELETED GENERAL NOTE 7	
11-18-04	REVISED BARRIER STABILIZATION DETAIL BRIDGE DECKS	
4-10-03	REVISED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

ARKANSAS STATE HIGHWAY COMMISSION

STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION - TEMPORARY PRECAST BARRIER

STANDARD DRAWING TC-4

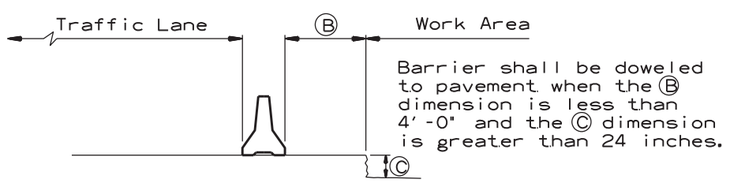
Ⓐ 4 feet or greater preferred. If less than 4 feet, Precast Units shall be connected to slab (SEE BARRIER STABILIZATION DETAIL-BRIDGE DECKS STD. DRWG. TC-4)



BARRIER PLACEMENT ALONG BRIDGE WITH OFFSET

No Scale

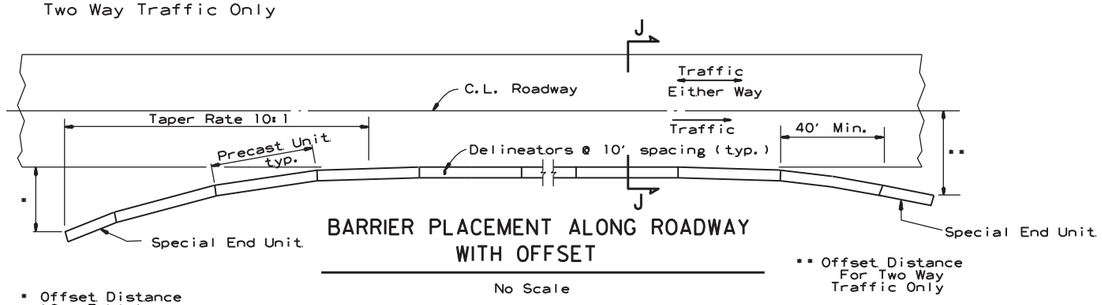
** Offset Distance for Two Way Traffic Only



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

SECTION J-J

No Scale



BARRIER PLACEMENT ALONG ROADWAY WITH OFFSET

No Scale

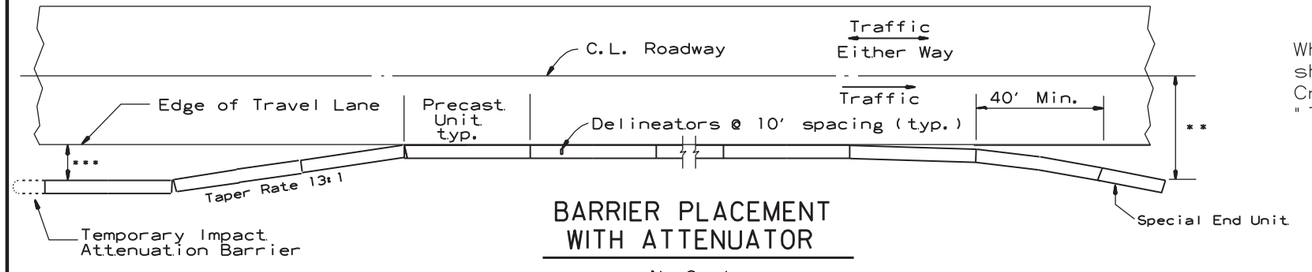
** Offset Distance For Two Way Traffic Only

* Offset Distance (See Table)

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.

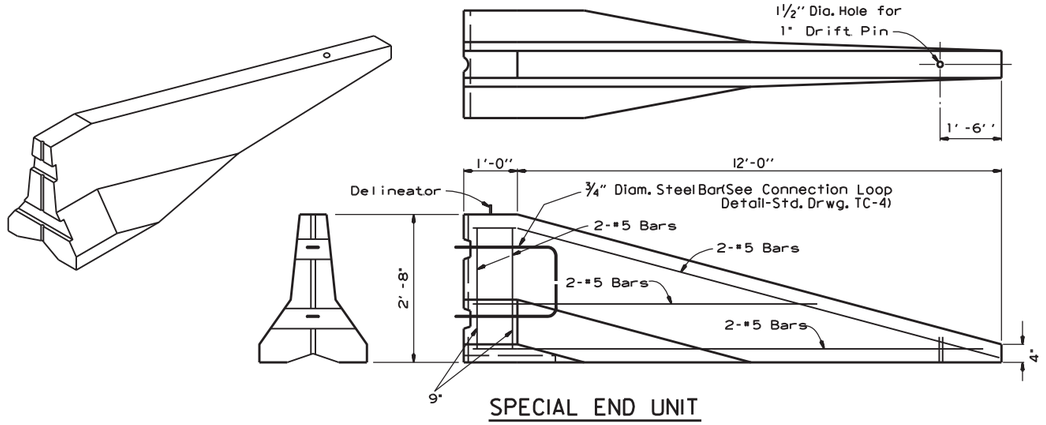


BARRIER PLACEMENT WITH ATTENUATOR

No Scale

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

** Offset Distance For Two Way Traffic Only



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."

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

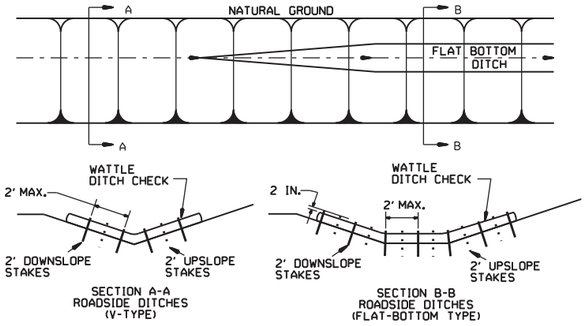
ARKANSAS STATE HIGHWAY COMMISSION

STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION - TEMPORARY PRECAST BARRIER

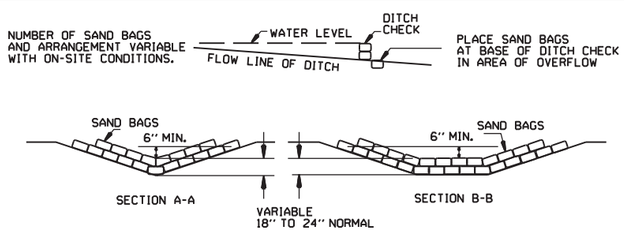
STANDARD DRAWING TC-5

GENERAL NOTES

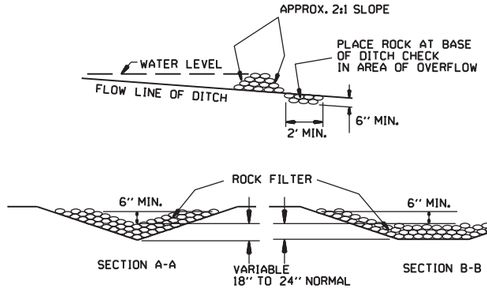
INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.



WATTLE DITCH CHECK (E-1)



SAND BAG DITCH CHECK (E-5)

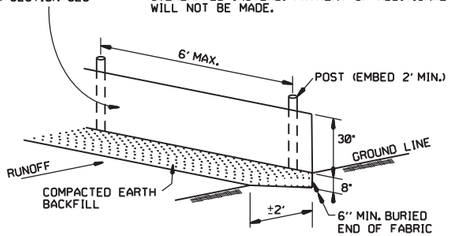


ROCK DITCH CHECK (E-6)

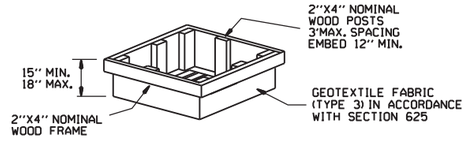
GENERAL NOTES

GEOTEXTILE FABRIC (TYPE 4) IN ACCORDANCE WITH SECTION 625

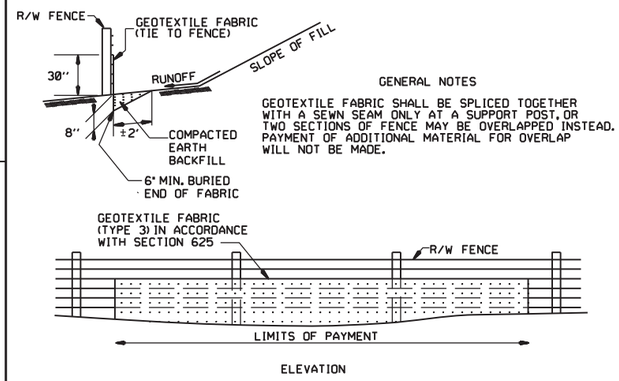
GEOTEXTILE FABRIC SHALL BE SPLICED TOGETHER WITH A SEWN SEAM ONLY AT A SUPPORT POST OR TWO SECTIONS OF FENCE MAY BE OVERLAPPED INSTEAD. PAYMENT OF ADDITIONAL MATERIAL FOR OVERLAP WILL NOT BE MADE.



SILT FENCE (E-11)



DROP INLET SILT FENCE (E-7)



GENERAL NOTES

GEOTEXTILE FABRIC SHALL BE SPLICED TOGETHER WITH A SEWN SEAM ONLY AT A SUPPORT POST, OR TWO SECTIONS OF FENCE MAY BE OVERLAPPED INSTEAD. PAYMENT OF ADDITIONAL MATERIAL FOR OVERLAP WILL NOT BE MADE.

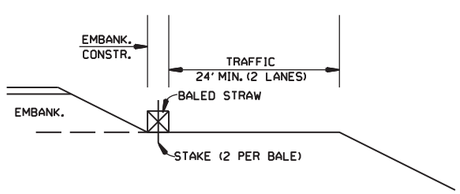
SILT FENCE ON R/W FENCE (E-4)

GENERAL NOTES

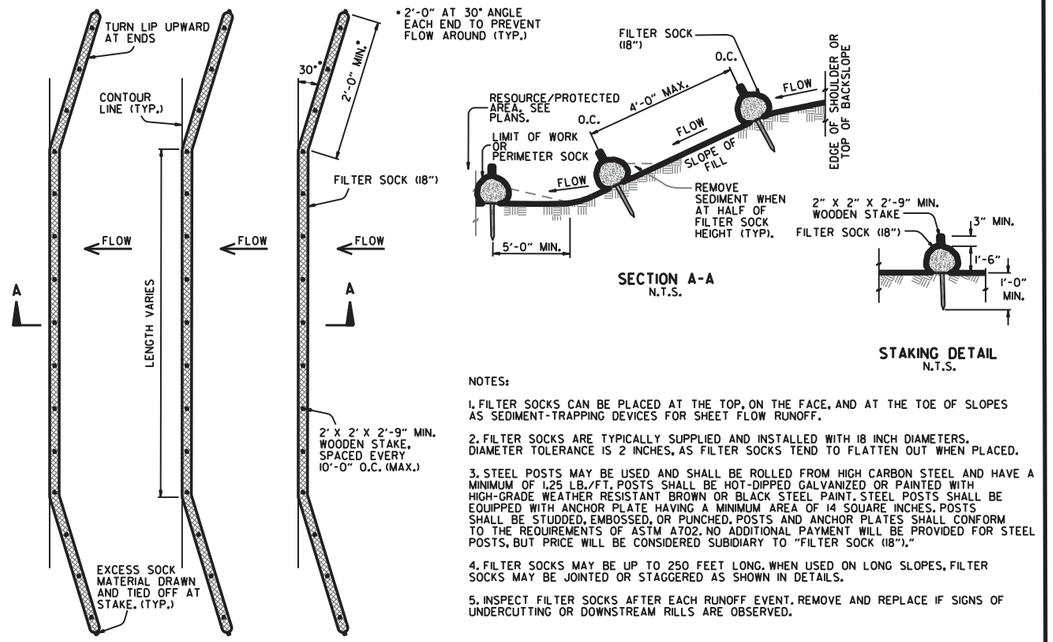
1. STRAW BALES SHALL BE INSTALLED SO THAT THE BINDINGS ARE ORIENTED AROUND THE SIDES RATHER THAN ALONG THE TOPS AND BOTTOMS OF THE BALES. THE BALES SHALL BE A MINIMUM OF 30 INCHES IN LENGTH.

2. NO GAPS SHALL BE LEFT BETWEEN BALES.

3. BALED STRAW FILTER BARRIERS COMPLETED AND ACCEPTED WILL BE MEASURED BY THE BALE IN PLACE AS AUTHORIZED BY THE ENGINEER AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER BALE FOR BALED STRAW DITCH CHECKS.



BALED STRAW FILTER BARRIER (E-2)



NOTES:

1. FILTER SOCKS CAN BE PLACED AT THE TOP, ON THE FACE, AND AT THE TOE OF SLOPES AS SEDIMENT-TRAPPING DEVICES FOR SHEET FLOW RUNOFF.

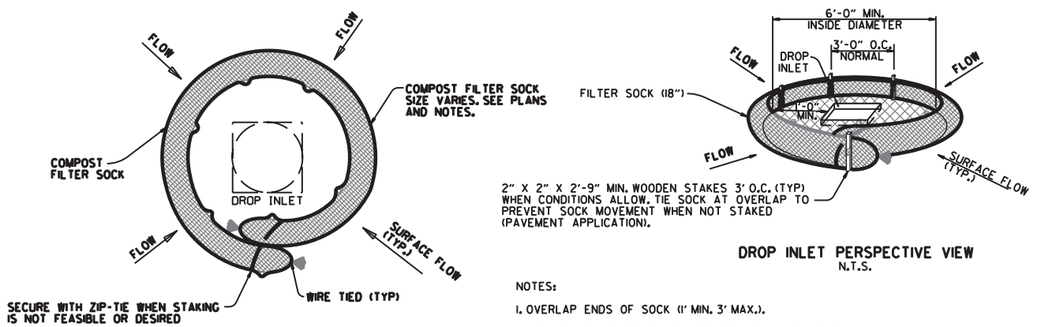
2. FILTER SOCKS ARE TYPICALLY SUPPLIED AND INSTALLED WITH 18 INCH DIAMETERS. DIAMETER TOLERANCE IS 2 INCHES, AS FILTER SOCKS TEND TO FLATTEN OUT WHEN PLACED.

3. STEEL POSTS MAY BE USED AND SHALL BE ROLLED FROM HIGH CARBON STEEL AND HAVE A MINIMUM OF 1.25 LB./FT. POSTS SHALL BE HOT-DIPPED GALVANIZED OR PAINTED WITH HIGH-GRADE WEATHER RESISTANT BROWN OR BLACK STEEL PAINT. STEEL POSTS SHALL BE EQUIPPED WITH ANCHOR PLATE HAVING A MINIMUM AREA OF 14 SQUARE INCHES. POSTS SHALL BE STUDDED, EMBOSSED, OR PUNCHED. POSTS AND ANCHOR PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A702. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR STEEL POSTS, BUT PRICE WILL BE CONSIDERED SUBIDIARY TO "FILTER SOCK (18")."

4. FILTER SOCKS MAY BE UP TO 250 FEET LONG. WHEN USED ON LONG SLOPES, FILTER SOCKS MAY BE JOINTED OR STAGGERED AS SHOWN IN DETAILS.

5. INSPECT FILTER SOCKS AFTER EACH RUNOFF EVENT. REMOVE AND REPLACE IF SIGNS OF UNDERCUTTING OR DOWNSTREAM RILLS ARE OBSERVED.

FILTER SOCK ALONG SLOPE (E-3)



NOTES:

1. OVERLAP ENDS OF SOCK (1' MIN. 3' MAX.).

2. USE 18" DIA. SOCK IN NON-TRAFFIC AREAS OR AREAS WHERE SAFETY IS NOT A CONCERN.

COMPOST FILTER SOCK DROP INLET PROTECTION (E-13)

DATE	REVISION	FILMED
11-16-17	ADDED FILTER SOCK E-3 AND E-13	
12-15-11	DELETED BALED STRAW DITCH CHECK & ADDED WATTLE DITCH CHECK	
11-18-98	ADDED NOTES	
07-02-98	ADDED BALED STRAW FILTER BARRIER (E-2)	
07-20-95	REVISED SILT FENCE E-4 AND E-11	7-20-95
07-15-94	REV. E-4 & E-11 MIN. 13" BURIED END OF FABRIC	
06-02-94	REVISED E-1,4,7 & 11; DELETED E-2 & 3	6-2-94
04-01-93	REDRAWN	
10-01-92	REDRAWN	
08-02-76	ISSUED R.D.M.	298-7-28-76

ARKANSAS STATE HIGHWAY COMMISSION

TEMPORARY EROSION CONTROL DEVICES

STANDARD DRAWING TEC-1

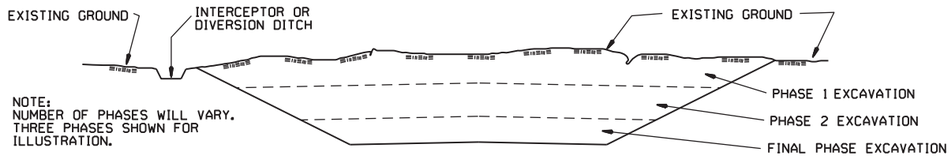
CLEARING AND GRUBBING

CONSTRUCTION SEQUENCE

1. PLACE PERIMETER CONTROLS (I.E. SILT FENCES , DIVERSION DITCHES, SEDIMENT BASINS, ETC.)

2. PERFORM CLEARING AND GRUBBING OPERATION.

EXCAVATION



GENERAL NOTE

ALL CUT SLOPES SHALL BE DRESSED, PREPARED, SEEDED, AND MULCHED AS THE WORK PROGRESSES. SLOPES SHALL BE EXCAVATED AND STABILIZED IN EQUAL INCREMENTS NOT TO EXCEED 25 FEET, MEASURED VERTICALLY.

CONSTRUCTION SEQUENCE

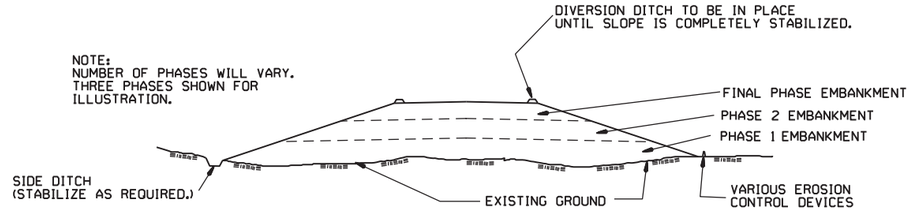
1. EXCAVATE AND STABILIZE INTERCEPTOR AND/OR DIVERSION DITCHES.

2. PERFORM PHASE 1 EXCAVATION. PLACE PERMANENT OR TEMPORARY SEEDING.

3. PERFORM PHASE 2 EXCAVATION. PLACE PERMANENT OR TEMPORARY SEEDING.

4. PERFORM FINAL PHASE OF EXCAVATION. PLACE PERMANENT OR TEMPORARY SEEDING. STABILIZE DITCHES. CONSTRUCT DITCH CHECKS, DIVERSION DITCHES, SEDIMENT BASINS, OR OTHER EROSION CONTROL DEVICES AS REQUIRED.

EMBANKMENT



GENERAL NOTE

ALL EMBANKMENT SLOPES SHALL BE DRESSED, PREPARED, SEEDED, AND MULCHED AS THE WORK PROGRESSES. SLOPES SHALL BE CONSTRUCTED AND STABILIZED IN EQUAL INCREMENTS NOT TO EXCEED 25 FEET, MEASURED VERTICALLY.

CONSTRUCTION SEQUENCE

1. CONSTRUCT DIVERSION DITCHES, DITCH CHECKS, SEDIMENT BASINS, SILT FENCES, OR OTHER EROSION CONTROL DEVICES AS SPECIFIED.

2. PLACE PHASE 1 EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING. PROVIDE DIVERSION DITCHES AND SLOPE DRAINS IF EMBANKMENT CONSTRUCTION IS TO BE TEMPORARILY ABANDONED FOR A PERIOD OF GREATER THAN 21 DAYS.

3. PLACE PHASE 2 EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING. PROVIDE DIVERSION DITCHES AND SLOPE DRAINS IF EMBANKMENT CONSTRUCTION IS TO BE TEMPORARILY ABANDONED FOR A PERIOD OF GREATER THAN 21 DAYS.

4. PLACE FINAL PHASE OF EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING. PLACE DIVERSION DITCHES AND SLOPE DRAINS AND MAINTAIN UNTIL ENTIRE SLOPE IS STABILIZED.

DATE	REVISION	FILMED
11-03-94	CORRECTED SPELLING	
6-2-94	Drawn & Issued	6-2-94

ARKANSAS STATE HIGHWAY COMMISSION

TEMPORARY EROSION CONTROL DEVICES

STANDARD DRAWING TEC-3