

MM41715 4/17/2020 R070562.DGN

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL SHEETS
				6	ARK,			
				J08	NO.	070562	1	17
			2	HWY.	26 · C	ADDO VALLEY	(S)	



DESIGN TRAFFIC DATA

DESIGN YEAR	2040
2020 ADT	,000
2040 ADT	,000
2040 DHV4	
DIRECTIONAL DISTRIBUTION	0.60
TRUCKS	-52%
DESIGN SPEED	MPH

END JOB 070562 LOG MILE 77.55

END MILL AND INLAY LOG MILE 76,77

APPROVED



INDEX OF SHEETS

SHEET NO. TITLE BRIDGE NO. TITLE SHEET INDEX OF SHEETS AND STANDARD DRAWINGS 2 GOVERNING SPECIFICATIONS AND GENERAL NOTES 3 TYPICAL SECTIONS OF IMPROVEMENT 4 SPECIAL DETAILS 5 - 6 MAINTENANCE OF TRAFFIC DETAILS 7 - 10 11 _____ PERMANENT PAVEMENT MARKING DETAILS 12 - 14 _____ QUANTITIES 15 _____ SCHEDULE OF BRIDGE QUANTITIES_ 16 _____ SUMMARY OF QUANTITIES AND REVIS A&B3689, 03690, A&B3691, 06962, A&B3706, A&B6515_ 16 SUMMARY OF QUANTITIES AND REVISIONS 17 DETAILS OF BACKWALL AND JOINT REHABILITATION 17 ____ A&B6515

BRIDGE STANDARD DRAWINGS

DRWG.NO.		TITLE	
55064	STANDARD DETAILS FOR JOINT REPAIRS & MODIFICATION	N	

ROADWAY STANDARD DRAWINGS

DRWG.NO.	TITLE
PM-1 PAVEMENT MARKING DETAILS	
PM-2 PERMANENT PAVEMENT MARKING ON ACCESS CONTROLLED R	OADWAYS
TC-1 STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	
TC-2 STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	
TC-3 STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	
TC-4 STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	TEMPORARY PRECAST BARRIER
TC-5 STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION	TEMPORARY PRECAST BARRIER
TEC-1 TEMPORARY EROSION CONTROL DEVICES	

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL Sheets
07-31-20				6	ARK.			
				JOB	NO.	070562	2	17
			2	INDEX (of shee	TS AND STAND	ARD DF	RAWINGS
							STATE OF RKANS LICENSE OFESSION NGINEI N. 1142 TY D. writy S	AS ED NAL ER 5 TIT

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DRWG.NO.

61832 61855

DATE 11-07-19

DATE 02-27-20 05-14-20 _____ 11-07-19 02-27-20 _____ 11-07-19 _____ 11-16-17

INDEX OF SHEETS AND STANDARD DRAWINGS

GOVERNING SPECIFICATIONS

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

NUMBER

TITLE

ERRATA	
FHWA-1273_	
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
	SUPPLEMENT - WAGE RATE DETERMINATION
	CONTRACTOR'S LICENSE
	DEPARTMENT NAME CHANGE
	ISSUANCE OF PROPOSALS
	LIQUIDATED DAMAGES
	WORK ALLOWED PRIOR TO ISSUANCE OF WORK ORDER
	UNCLASSIFIED EXCAVATION
	_QUALITY CONTROL AND ACCEPTANCE
	_ TACK COATS
400-4	_ DESIGN AND QUALITY CONTROL OF ASPHALT MIXTURES
	_ PERCENT AIR VOIDS FOR ACHM MIX DESIGNS
400-6	LIQUID ANTI-STRIP ADDITIVE
400-7	_ TRACKLESS TACK
404-3	_ DESIGN OF ASPHALT MIXTURES
410-1	CONSTRUCTION REQUIREMENTS AND ACCEPTANCE OF ASPHALT CONCRETE PLANT MIX COURSES
410-2	DEVICES FOR MEASURING DENSITY FOR ROLLING PATTERNS
	LANE CLOSURE NOTIFICATION
	RETROREFLECTIVE SHEETING FOR TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES (MASH)
	STRUCTURES
	REINFORCING STEEL FOR STRUCTURES
	ASSESSMENT OF WORKING DAYS - MAINTENANCE OF TRAFFIC
	BIDDING REQUIREMENTS AND CONDITIONS
	BRIDGE DECK REPAIR FOR POLYMER OVERLAYS
	BROADBAND INTERNET SERVICE FOR ASPHALT CONCRETE PLANT
	CARGO PREFERENCE ACT REQUIREMENTS
	_ COLD MILLINGS IN RECYCLED ASPHALT PAVEMENT
_	
	_DISADVANTAGED BUSINESS ENTERPRISE BIDDER'S RESPONSIBILITIES
	_ ENHANCED THERMOPLASTIC PAVEMENT MARKING
_	FLEXIBLE BEGINNING OF WORK - CALENDAR DAY CONTRACT
_	_ GOALS FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION
	_ JOINT REHABILITATION FOR BRIDGE DECKS
	LONGITUDINAL JOINT DENSITIES FOR ACHM SURFACE COURSES
JOB 070562_	MAINTENANCE OF TRAFFIC
JOB 070562_	MANDATORY ELECTRONIC CONTRACT
JOB 070562_	_ MANDATORY ELECTRONIC DOCUMENT SUBMITTAL
JOB 070562_	_ PARTNERING REQUIREMENTS
JOB 070562_	_ PERCENT WITHIN LIMITS
JOB 070562_	_ POLYMER OVERLAY
JOB 070562	PRICE ADJUSTMENT FOR ASPHALT BINDER
JOB 070562	RESTRICTIONS ON THE USE OF RECYCLED ASPHALT PAVEMENT MATERIAL
_	SITE USE (A+C METHOD) - CALENDAR DAY CONTRACT
	SPECIAL CLEARING
	SUBMISSION OF ASPHALT CONCRETE HOT MIX ACCEPTANCE TEST RESULTS
_	TRAFFIC CONTROL DEVICES IN CONSTRUCTION ZONES
_	UNDERDRAIN INSPECTION, FLUSHING, AND REHABILITATION
_	UTILITY ADJUSTMENTS
	VALUE ENGINEERING
_	
	_ WARM MIX ASPHALT
	WATER POLLUTION CONTROL

- 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 ENSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
- AT HIS OWN EXPENSE, MAY ELECT TO PROVIDE TEMPORARY FENCING SUITABLE TO CONTAIN LIVESTOCK.
- 6. THE SEQUENCE AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS IS A GENERAL OUTLINE FOR THE RESIDENT ENGINEER.
- 7. ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 210 - UNCLASSIFIED EXCAVATION.
- THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL SHEETS
10-08-20				6	ARK.			
10-30-20				JOB	NO.	070562	3	17
			0	GOVERN	ING SPE	ECIFICATIONS &	GENER	AL NOTES



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GENERAL NOTES

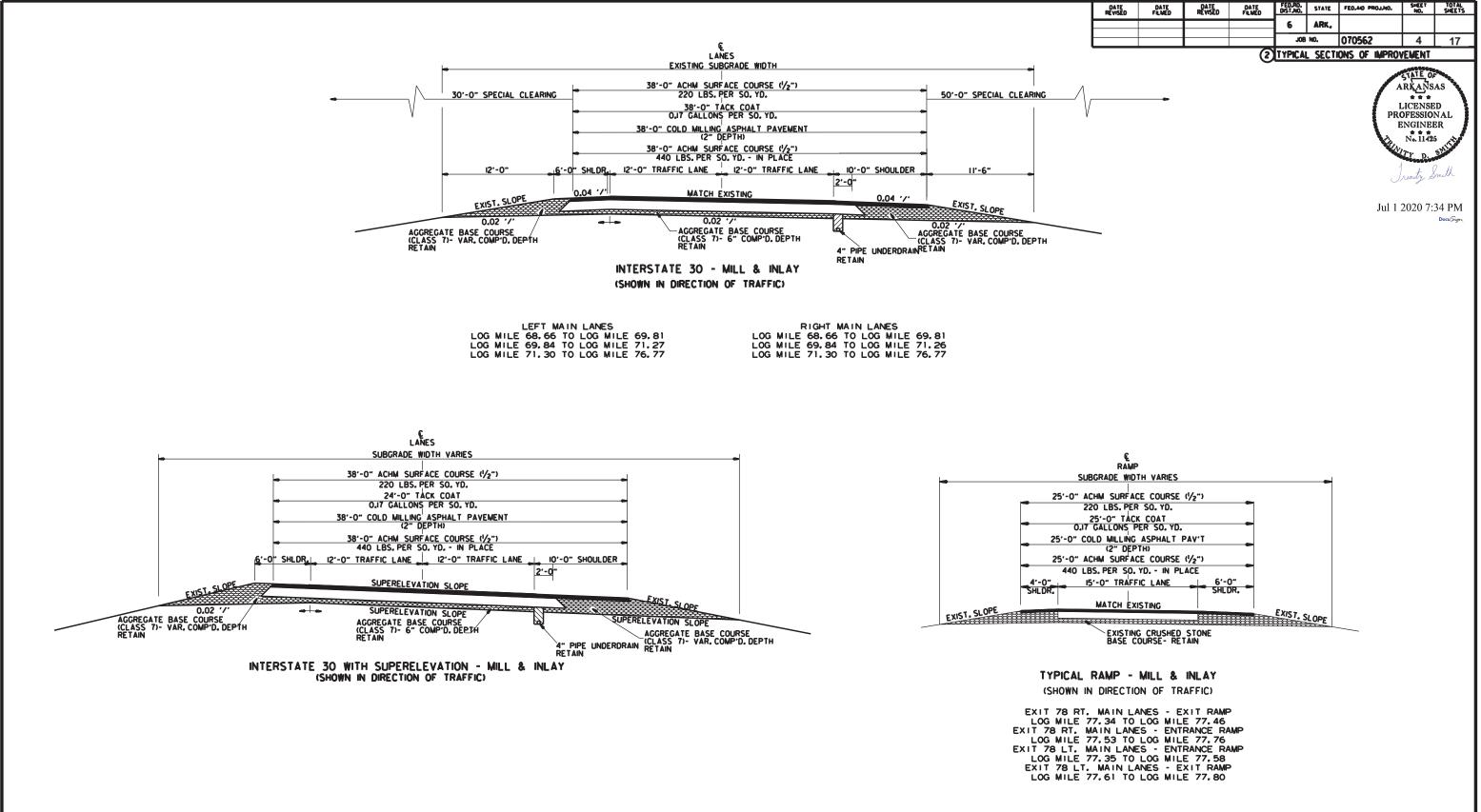
1. ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A FENCE TO CONTROL LIVESTOCK IN AREAS WHERE PASTURES ARE SEVERED. WIRE FENCE MAY BE CONSTRUCTED INITIALLY, OR IN LIEU THEREOF, THE CONTRACTOR

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

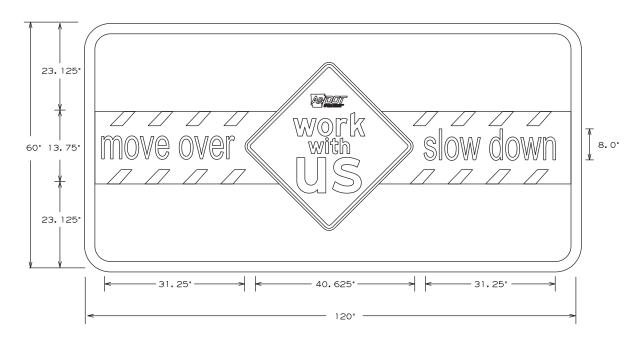
8. THE EXISTING ASPHALT PAVEMENT TO BE REMOVED FROM THE REMAINING PAVEMENT SHALL BE SEPARATED BY SAWING ALONG A NEAT LINE. AFTER SAWING, THE PAVEMENT TO BE REMOVED SHALL BE CAREFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE PAVEMENT THAT IS TO REMAIN. ANY DAMAGE OF THE ASPHALT PAVEMENT

GOVERNING SPECIFICATIONS AND GENERAL NOTES



. MAIN LANES	- EXIT RAMP
77.34 TO LOG	MILE 77.46
MAIN LANES -	ENTRANCE RAMP
77.53 TO LOG	
MAIN LANES -	ENTRANCE RAMP
77.35 TO LOG	MILE 77.58
. MAIN LANES	
77.61 TO LOG	MILE 77.80

TYPICAL SECTIONS OF IMPROVEMENT



2' WHITE BORDER, 2' RADII, GREEN BACKGROUND "move over/slow down" 5.31" NIVEAU GROTESK, REGULAR FONT x 1.5Y 'work with us" FRUTIGER LT 75 BLACK FONT

NOTE: DIGITAL ART WORK FILE AVAILABLE FROM ARDOT MAINTENANCE DIVISION SIGN

SHOP 501-569-2665. THIS SIGN SHALL BE PLACED 2640' PRECEDING THE FIRST ADVANCE WARNING SIGN, IN THE DIRECTION OF TRAFFIC.

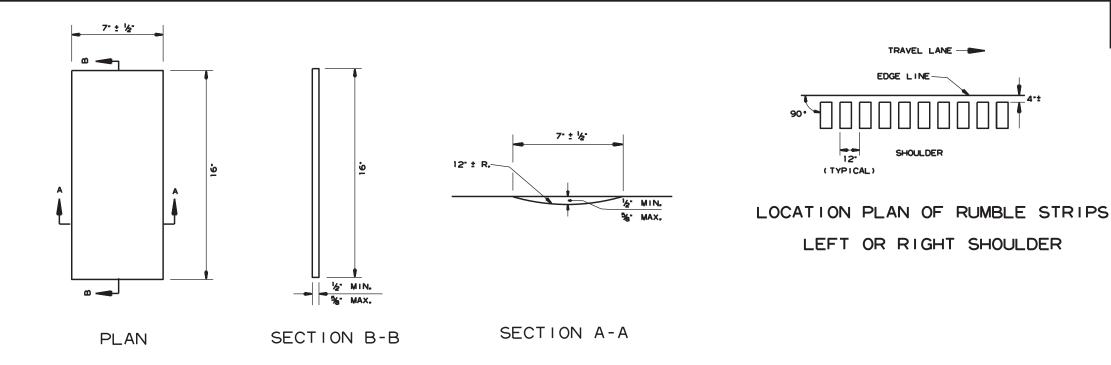
WORK WITH US SIGN

Т	DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AD PROJ.NO.	SHEET NO.	TOTAL SHEETS
Þ					6	ARK,			
E					JOB	NO.	070562	5	17
	(2) SPECIAL DETAILS								

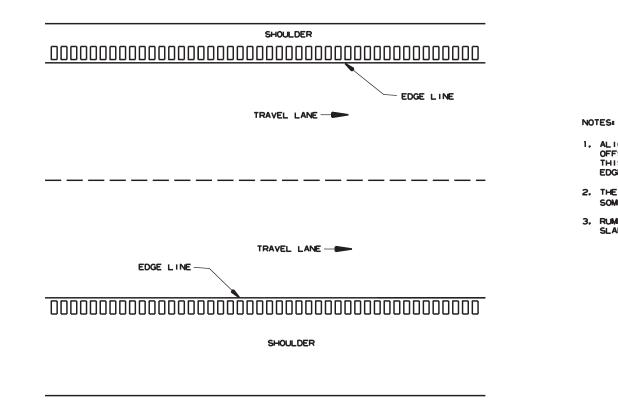


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SPECIAL DETAILS



DETAILS OF RUMBLE STRIPS







1	DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AD PROJ.NO.	SHEET NO.	TOTAL SHEETS
					6	ARK,			
					J08		070562	6	17
	(2) SPECIAL DETAILS								



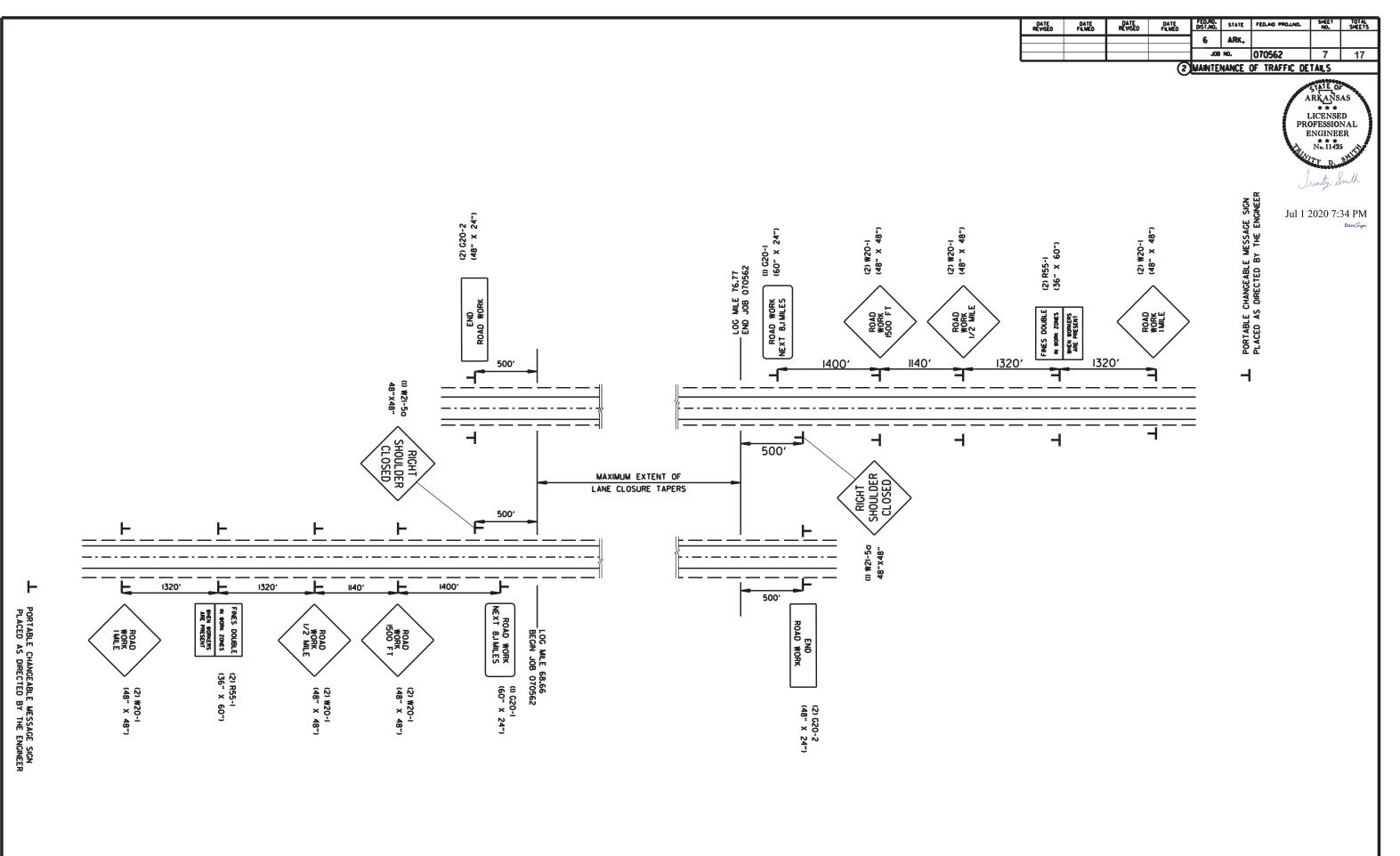
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1. ALIGNMENT OF RUMBLE STRIPS SHALL GENERALLY BE STRAIGHT AND OFFSET APPROXIMATELY 4" FROM THE OUTER EDGE OF THE EDGE LINE. THIS OFFSET MAY BE ADJUSTED TO ACCOMMODATE VARIATIONS IN THE EDGE LINE.

2. THE 1/2" DEPTH SHALL GENERALLY APPLY FOR THE ENTIRE 16" LENGTH. SOME VARIATION TO SUIT SHOULDER SLOPE BREAKS MAY BE NECESSARY.

3. RUMBLE STRIPS SHALL NOT BE INSTALLED ON BRIDGE DECKS, APPROACH SLABS, OR ACROSS TRANSVERSE JOINTS OF CONCRETE SHOULDERS.

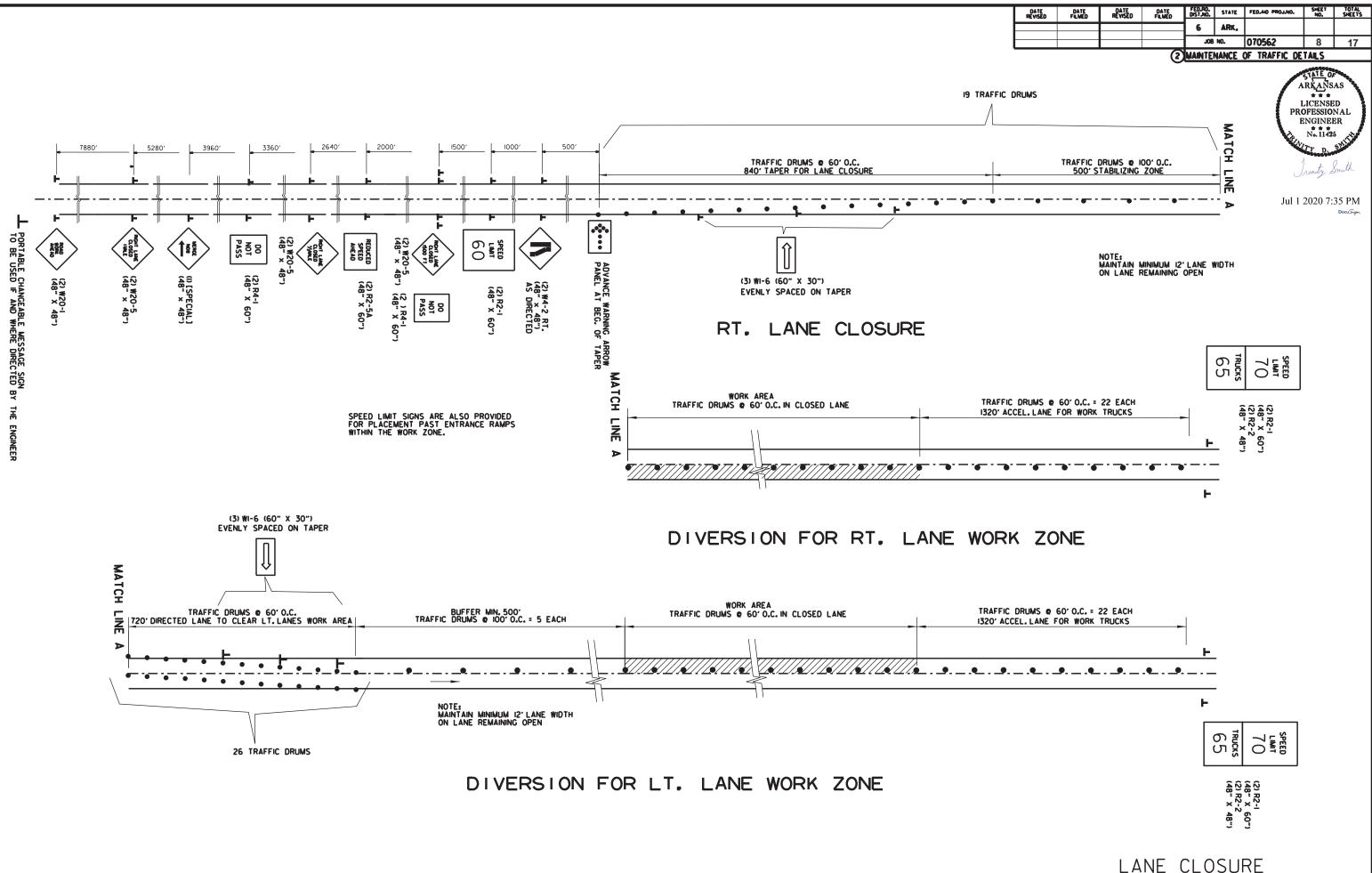
SPECIAL DETAILS



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6/26/2020

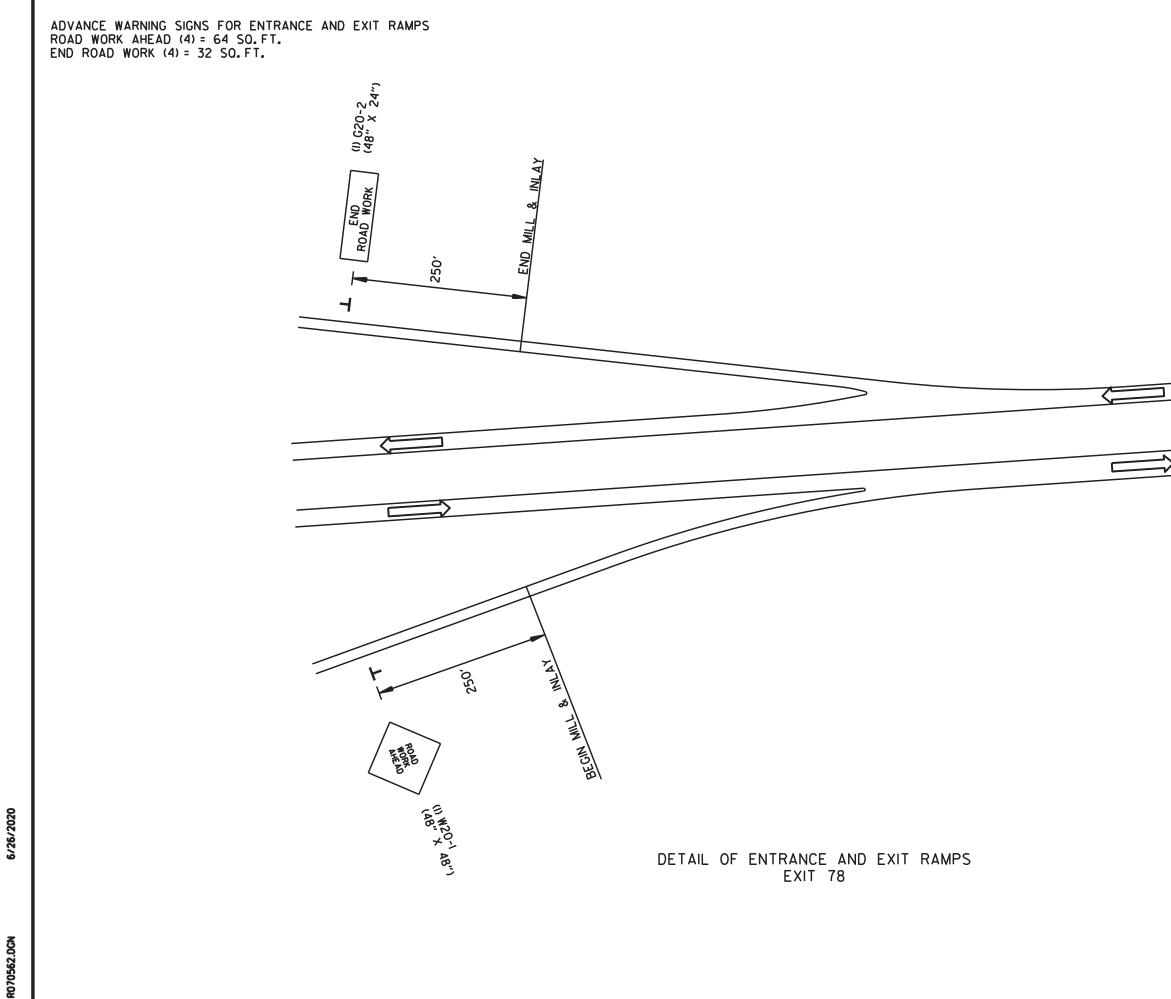
ADVANCE SIGNS AT JOB ENDS MAINTENANCE OF TRAFFIC DETAILS



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6/26/2020



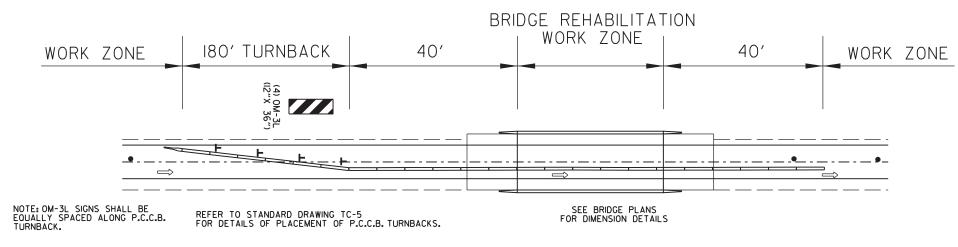


DETAIL OF RAMPS MAINTENANCE OF TRAFFIC DETAILS

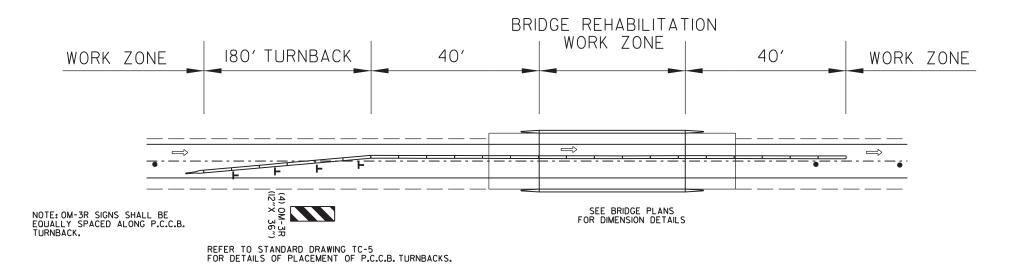
DATE REVISED DATE FILMED DATE REVISED DATE FILMED FED.RD. STATE FED.AID PROJ.NO. SHEET TOTAL NO. SHEETS ARK, 6 JOB NO. 070562 9 17 2 MAINTENANCE OF TRAFFIC DETAILS ARKANSAS LICENSED PROFESSIONAL ENGINEER

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FURNISH AND INSTALL PRECAST CONCRETE BARRIER = 520 LIN.FT. RELOCATING PRECAST CONCRETE BARRIER = 520 LIN. FT.



DIVERSION FOR LT. LANE BACKWALL REPAIR AND SLIDER PLATE JOINT ASSEMBLY



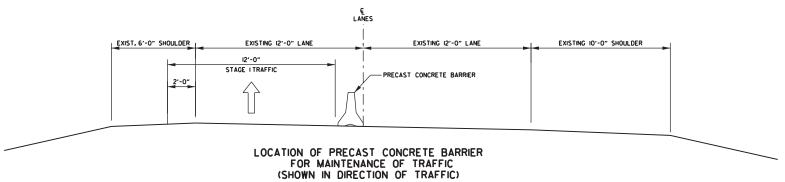
DIVERSION FOR RT. LANE BACKWALL REPAIR AND SLIDER PLATE JOINT ASSEMBLY

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL SHEETS
07-31-20				6	ARK.			
				JOB	NO.	070562	9A	17
			2	MAINTE	NANCE	OF TRAFFIC DE	TAILS	
							STATE OF RKANS LICENSE DFESSIO No. 1142 Tr D. runtz S 2020 3:	AS ED NAL ER 5 Million Smith

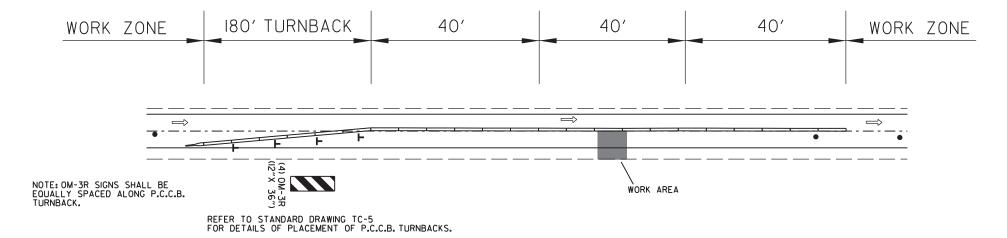
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MAINTENANCE OF TRAFFIC DETAILS WORK ZONE - BRIDGE DECK REHABILITATION

FURNISH AND INSTALL PRECAST CONCRETE BARRIER = 313 LIN. FT. RELOCATING PRECAST CONCRETE BARRIER = 626 LIN. FT.



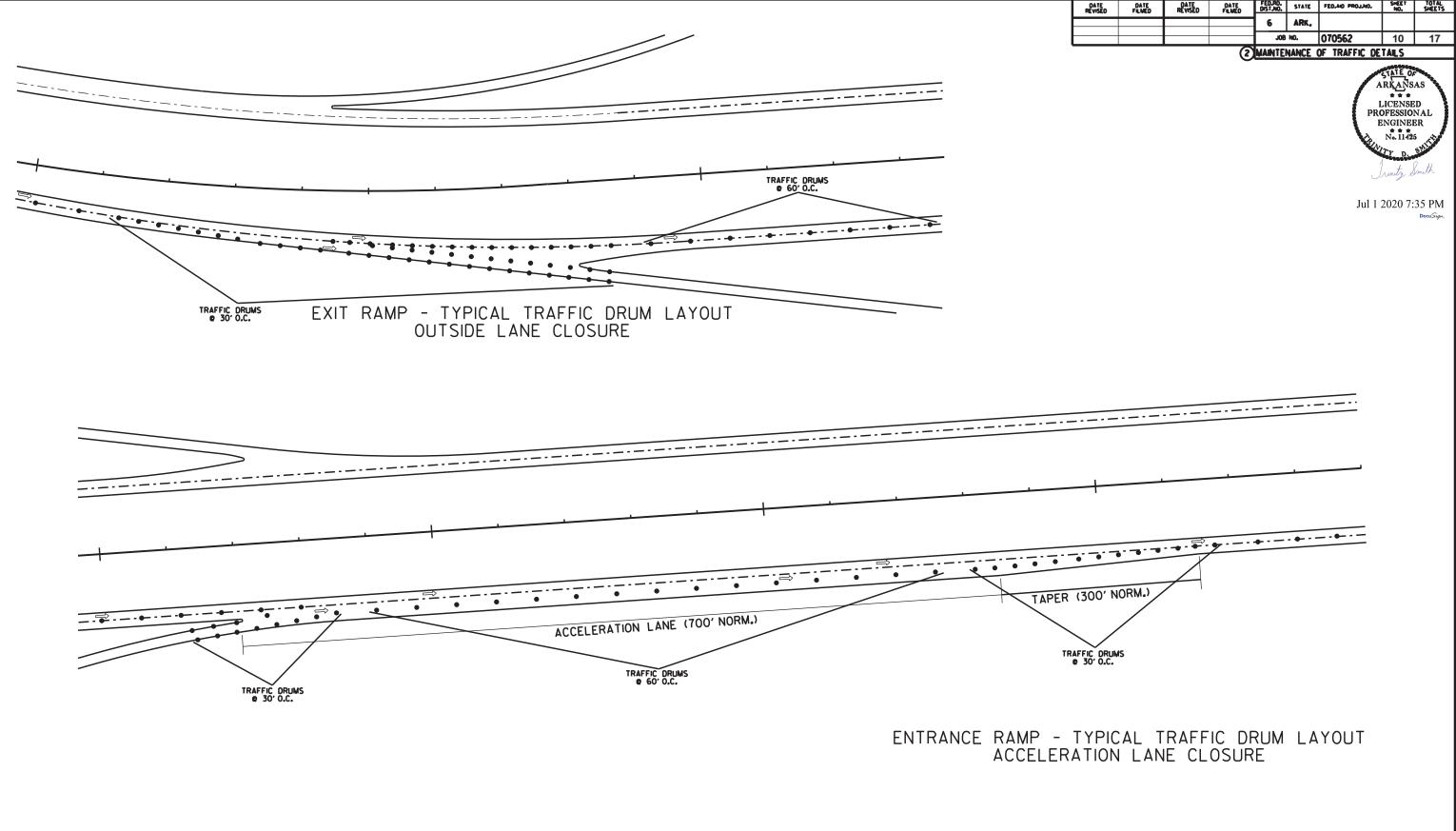




MAINTENANCE OF TRAFFIC AT ROADWAY REHABILITATION LOCATIONS (SHOWN IN THE DIRECTION OF TRAFFIC)

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL SHEETS
10-22-20				6	ARK.			
				JOB	NO.	070562	9B	17
			2	MAINTEI	NANCE	OF TRAFFIC DE	TAILS	
						PR	STATE OZ IRKANS. LICENSE DFESSIO N. 11424 M. 11424 M. 11424 M. 11424	AS D SAVA SR

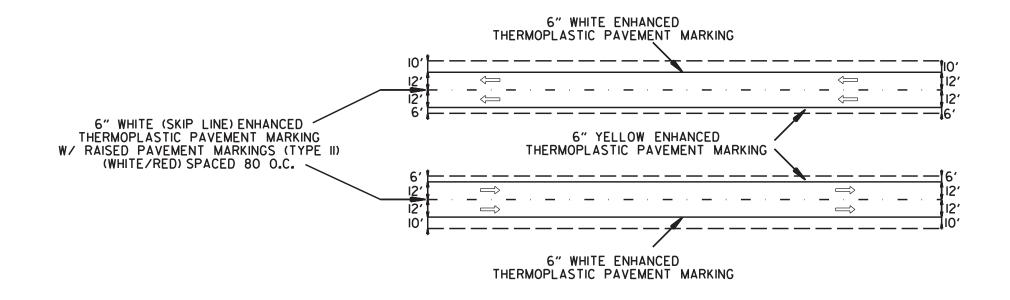
MAINTENANCE OF TRAFFIC DETAILS WORK ZONE - ROADWAY REHABILITATION



R070562.DCN

DETAIL OF RAMPS WITH LANE CLOSURE MAINTENANCE OF TRAFFIC DETAILS





	DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL SHEETS
					6	ARK,			
					JOB	NO.	070562	11	17
1				2	PERMAN	ENT PA	VEMENT MARKI	NG DET	AILS
							A PRO E	ICENSE PESSION NGINEI No. 1142 TY D. rinty S	AS DD NAL ER 5 mth

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PERMANENT PAVEMENT MARKING DETAILS

SIGN NUMBER	DESCRIPTION	SIGN SIZE	ENTIRE PROJECT	MAXIMUM NUMBER REQUIRED	TOTAL SIGN	IS REQUIRED	TRAFFIC DRUMS	FURNISHING & INSTALLING PRECAST CONC. BARRIER	RELOCATING PRECAST CONCRETE BARRIER	* ADVANCE WARNING ARROW PANEL	* PORTABLE CHANGEABLE MESSAGE SIGN
			LIN. FT EACH		NO.	SQ. FT.	EACH	LIN. F	۲.	DAY	WEEK
W20-1	ROAD WORK 1500 FT.	48"x48"	4	4	4	64.0					
W20-1	ROAD WORK 1/2 MILE	48"x48"	4	4	4	64.0					
W20-1	ROAD WORK 1 MILE	48"x48"	4	4	4	64.0					
W20-1	ROAD WORK AHEAD	48"x48"	8	8	8	128.0					
G20-2	END ROAD WORK	48"x24"	8	8	8	64.0					
G20-1	ROAD WORK NEXT XX MILES	60"x24"	2	2	2	20.0					
W20-5	RIGHT LANE CLOSED 1 MILE	48"x48"	2	2	2	32.0					
W20-5	RIGHT LANE CLOSED 1/2 MILE	48"x48"	2	2	2	32.0					
W20-5	RIGHT LANE CLOSED 1500 FT.	48"x48"	2	2	2	32.0					
SPECIAL	MERGE NOW W/ ARROW	48"x48"	1	1	1	16.0					
R2-5A	REDUCED SPEED AHEAD	48"x60"	2	2	2	40.0					
R55-1	FINES DOUBLE IN WORK ZONES	36"x60"	4	4	4	60.0					
OM-3L	OBJECT MARKER	12"x36"	4	4	4	12.0					
OM-3R	OBJECT MARKER	12"x36"	8	8	8	24.0					
W1-6	LARGE ARROW	48"x24"	6	6	6	48.0					
	DO NOT PASS	48"x60"	4	4	4	80.0					
W21-5a	RIGHT SHOULDER CLOSED	48"X48"	2	2	2	32.0					
R2-1	SPEED LIMIT 60 MPH	48"x60"	2	2	2	40.0					
R2-1	SPEED LIMIT 70 MPH	48"x60"	2	2	2	40.0					
R2-2	TRUCKS 65	48"x48"	2	4	4	64.0					
W4-2 RT.	MERGE RIGHT	48"x48"	2	2	2	32.0					
SPECIAL	WORK WITH US SIGN (MOVE OVER, SLOW DOWN)	120'x60"	2	2	2	10.0					
	TRAFFIC DRUMS		584	584			584				
	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER		833	833				833			
	RELOCATING PRECAST CONCRETE BARRIER		1146	1146					1146		
	ADVANCE WARNING ARROW PANEL		1	1						40	
	PORTABLE CHANGEABLE MESSAGE SIGN		1	1							16
OTALS:						998.0	584	833	1146	40	16

ADVANCE WARNING SIGNS AND DEVICES

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

NOTE: THE QUANTITY OF TRAFFIC DRUMS PROVIDED IS FOR ONE SIDE OF THE ROADWAY FOR THE 4 MILES OF THE JOB. HOWEVER,

THE INSTALLATION OF TRAFFIC DRUMS SHALL NEVER EXCEED THE ACTUAL WORK AREA BY MORE THAN 1/4 MILE, UNLESS APPROVED BY THE ENGINEER.

* QUANTITY ESTIMATED.

SEE SECTION 104.03 OF THE STD. SPECS.

CONSTRUCTION PAVEMENT MARKINGS AND PERMANENT PAVEMENT MARKINGS

DESCRIPTION	ENTIRE PROJECT		PAVEMENT PAVEMENT	RAISED PAVEMENT MARKERS	ENHANCED THERMOPLASTIC PAVEMENT MARKING		THERMOPLASTIC PAVEMENT MAR		ARKING		
		MARKINGS	MARKINGS	TYPEII	6	."	12"	6	5"	WORDS	ARROWS
				(WHITE/RED)	WHITE	YELLOW	WHITE	WHITE	YELLOW	WORDS	ARROWS
	LIN. FT EACH	LIN. FT.	LIN. FT.	EACH			LIN. FT.			EA	ACH
CONSTRUCTION PAVEMENT MARKINGS	268955	268955									
REMOVABLE CONSTRUCTION PAVEMENT MARKINGS	3183		3183								
RAISED PAVEMENT MARKERS TYPE II (WHITE/RED)	7496			7496							
ENHANCED THERMOPLASTIC PAVEMENT MARKING WHITE (6")	173473				173473						
ENHANCED THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	87737					87737					
ENHANCED THERMOPLASTIC PAVEMENT MARKING WHITE (12")	7745						7745				
THERMOPLASTIC PAVEMENT MARKING WHITE (6")	1143							1143			
THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	1470								1470		
THERMOPLASTIC PAVEMENT MARKING (WORDS)	1									1	
THERMOPLASTIC PAVEMENT MARKING (ARROWS)	1										1
TOTALS:		268955	3183	7496	173473	87737	7745	1143	1470	1	1

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

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07-31-20				6	ARK.			
10-22-20				JOB	NO.	070562	12	17
(2) OUANTITIES								

ARKANSAS
No. 11425 No. 11425

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COLD MILLING ASPHALT PAVEMENT

LOG MILES	LOG MILES	LOCATION	AVG. WIDTH	COLD MILLING ASPHALT PAVEMENT
			FEET	SQ. YD
		MAIN LANES		
68.66	69.00	RT. MAIN LANES	50.00	9973.33
69.00	69.07	RT. MAIN LANES	60.00	2464.00
69.07	69.38	RT. MAIN LANES	60.00	10912.00
69.38	69.58	RT. MAIN LANES	48.00	5632.00
69.58	69.81	RT. MAIN LANES	38.00	5127.47
69.84	71.26	RT. MAIN LANES	28.00	23325.87
71.30	72.48	RT. MAIN LANES	38.00	26306.13
72.48	72.57	RT. MAIN LANES	28.00	1478.40
72.57	73.12	RT. MAIN LANES	38.00	12261.33
73.12	73.37	RT. MAIN LANES	28.00	4106.67
73.37	76.77	RT. MAIN LANES	38.00	75797.33
68.66	68.97	LT. MAIN LANES	50.00	9093.33
68.97	69.18	LT. MAIN LANES	60.00	7392.00
69.18	69.48	LT. MAIN LANES	60.00	10560.00
69.48	69.55	LT. MAIN LANES	38.00	1560.53
69.55	69.81	LT. MAIN LANES	38.00	5796.27
69.84	71.27	LT. MAIN LANES	28.00	23490.13
71.30	72.30	LT. MAIN LANES	38.00	22293.33
72.30	72.52	LT. MAIN LANES	28.00	3613.87
72.52	73.10	LT. MAIN LANES	38.00	12930.13
73.10	73.17	LT. MAIN LANES	28.00	1149.87
73.17	76.77	LT. MAIN LANES	38.00	80256.00
		ADDITIONAL FOR ACCELERATION LANES, TAPERS, AND R		
69.00	69.07	EXIT 69 RT. MAIN LANES - TURNOUT	VAR.	1280.56
69.38	69.58	EXIT 69 RT. MAIN LANES - ACCELERATION LANE AND TAPER	VAR.	2184.88
68.97	69.18	EXIT 69 LT. MAIN LANES - ACCELERATION LANE AND TAPER	VAR.	2580.20
69.48	69.55	EXIT 69 LT. MAIN LANES - TURNOUT	VAR.	1231.46
72.48	72.57	EXIT 73 RT. MAIN LANES - TURNOUT	VAR.	1327.33
73.12	73.37	EXIT 73 RT. MAIN LANES - ACCELERATION LANE AND TAPER	VAR.	3286.78
72.30	72.52	EXIT 73 LT. MAIN LANES - ACCELERATION LANE AND TAPER	VAR.	2629.47
73.10	73.17	EXIT 73 LT. MAIN LANES - TURNOUT	VAR.	856.66
77.34	77.44	EXIT 78 RT. MAIN LANES - ENTRANCE RAMP	25.00	1466.67
77.67	77.76	EXIT 78 RT. MAIN LANES - EXIT RAMP	25.00	1320.00
77.35	77.44	EXIT 78 LT. MAIN LANES - EXIT RAMP	25.00	1320.00
77.70	77.80	EXIT 78 LT. MAIN LANES - ENTRANCE RAMP	25.00	1466.67
0741				270470 (7
OTAL:				376470.67

NOTE: THE AVERAGE MILLING DEPTH FOR THE PROJECT IS 2". THE CONTRACTOR SHALL HAUL THE MATERIAL GENERATED FROM COLD MILLING OPERATION TO LOCATIONS DESIGNATED BY THE ENGINEER AND DISTRIBUTE IT EVENLY UNTIL EACH LOCATION IS FULL. ONCE PLACED, THE MATERIAL WILL BECOME PROPERTY OF THE DEPARTMENT. THE MATERIAL SHALL BE PLACED AT THE DESIGNATED LOCATIONS AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL STOCKPILE THE MATERIAL IN SUCH A WAY THAT IT CAN BE EASILY MEASURED USING THE AVERAGE END AREA METHOD. THE AREAS DESIGNATED FOR COLD MILLING MATERIAL STORAGE FOR THIS PROJECT ARE AS FOLLOWS: INTERCHANGE AT LOG MILE 69 AND AT THE EXISTING STOCKPILE ON HWY. 26 AT LOG MILE 1.39, APPROXIMATELY 1 MILE EAST OF THE AREA MAINTENANCE HEADQUARTERS IN CLARK COUNTY.

FLUSHING UNDERDRAIN UNDERDRAIN UNDERDRAIN UNDERDRAIN FLUSHING REHABILITATION - REHABILITATION VIDEO LOG MILE LOG MILE LOCATION UNDERDRAIN MAIN LINE LATERALS INSPECTION LIN. FT. 68.66 69.81 I-30 LT. MAIN LANES 6072 6072 69.84 71.27 I-30 LT. MAIN LANES 7550 7550 71.30 76.77 I-30 LT. MAIN LANES 28882 28882 68.66 69.81 I-30 RT. MAIN LANES 6072 6072 69.84 71.26 I-30 RT. MAIN LANES 7498 7498 71.30 76.77 I-30 RT. MAIN LANES 28882 28882 ENTIRE PROJECT TO BE USED AS DIRECTED BY 5000 3000 1000 THE ENGINEER TOTAL: 84956 5000 1000 87956 NOTE: QUANTITY ESTIMATED.

SEE SECTION 104.03 OF THE STD. SPECS.

ACHM PATCHING OF EXISTING ROADWAY

LOG MILE	DESCRIPTION	TON
69.64	I-30 RT. MAIN LANES	50
72.73	I-30 RT. MAIN LANES	50
73.15	I-30 LT. MAIN LANES	50
TOTAL:	150	

RUMBLE STRIPS IN ASPHALT SHOULDERS * RUMBLE STRIPS IN LOG MILES | LOG MILES LOCATION ASPHALT SHOULDERS LIN.FT. 68.66 RT. OF RT. MAIN LANES 69.07 2165 69.07 69.38 RT. OF RT. MAIN LANES 1637 69.38 69.81 RT. OF RT. MAIN LANES 2270 69.84 71.26 RT. OF RT. MAIN LANES 7498 71.30 72.57 RT. OF RT. MAIN LANES 6706 72.57 73.12 RT. OF RT. MAIN LANES 2904 73.12 RT. OF RT. MAIN LANES 76.77 19272 68.66 LT. OF LT. MAIN LANES 2746 69.18 69.18 69.48 LT. OF LT. MAIN LANES 1584 69.48 69.81 LT. OF LT. MAIN LANES 1742 7550 69.84 71.27 LT. OF LT. MAIN LANES 71.30 72.52 LT. OF LT. MAIN LANES 6442 72.52 73.10 LT. OF LT. MAIN LANES 3062 73.10 76.77 LT. OF LT. MAIN LANES 19378 68.66 RT. OF LT. MAIN LANES 6072 69.81 69 84 71 27 RT. OF LT. MAIN LANES 7550 71.30 76.77 RT. OF LT. MAIN LANES 28882 68.66 69.81 LT. OF RT. MAIN LANES 6072 69.84 71.26 LT. OF RT. MAIN LANES 7498 LT. OF RT. MAIN LANES 71.30 76.77 28882 TOTAL: 169912

* QUANTITY ESTIMATED.

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

EARTHWORK						
				69.64	ł	
LOG MILE	STATION	LOCATION / DESCRIPTION	EXCAVATION	72.73	3	
			CU. YD.	73.15	5	
69.64	PROJECT	I-30 RT. MAIN LANES	30			
72.73	PROJECT	I-30 RT. MAIN LANES	30	TOTALS	:	
73.15	PROJECT	I-30 LT. MAIN LANES	30			
TOTALS:			90			

NOTE: EARTHWORK QUANTITIES SHOWN ABOVE SHALL BE PAID AS PLAN QUANTITY.

EROSION CONTROL TEMPORARY EROSION CONTROL STATION STATION LOCATION *ENTIRE PROJECT TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER. TOTALS:

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 ELIMINATIC SYSTEM PERMIT.

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

LOG MILE

TOTALS:

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.AID PROJ.NO.	SHEET NO.	TOTAL SHEETS
08-03-20				6	ARK.			
10-22-20 10-30-20				JOB	NO.	070562	13	17
(2) OUANTITIES								



Oct 30 2020 9:22 AM

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STONE BACKFILL

LOG MILE	LOCATIONS	STONE BACKFILL
		TON
69.64	I-30 RT. MAIN LANES	42
72.73	I-30 RT. MAIN LANES	42
73.15	I-30 LT. MAIN LANES	42
TOTALS:		126

SPECIAL CLEARING

LOG MILE	LOG MILE	LOCATION	LENGTH	SPECIAL CLEARING STATION
68.7	72.7	LT. MEDIAN & RT. OF MAIN LANES	21120	212
73.0	76.9	LT. MEDIAN & RT. OF MAIN LANES	20592	206
TOTAL:				418

4" PIPE UNDERDRAIN

Ξ	LOCATIONS	4" PIPE UNDERDRAINS LIN. FT.	UNDERDRAIN OUTLET PROTECTORS EACH
_		200.11.	EAGIT
	I-30 RT. MAIN LANES	67	1
	I-30 RT. MAIN LANES	67	1
	I-30 LT. MAIN LANES	66	2
		200	4

18" FILTER SOCKS	
(E-6)	
LIN. FT.	
1000	
1000	

QUANTITIES

			LENGTH		TACK COAT		AC	CHM SURFACE	E COURSE (1/	2")
LOG MILES	LOG MILES	LOCATION	LENGTH	<u>``</u>	GAL. PER SQ	. YD.)	AVG. WID.		POUND /	TOTAL
			FEET	TOTAL WID. FEET	SQ.YD.	GALLON	FEET	SQ.YD.	SQ.YD.	PG 76-2 TON
MAIN	LANES									
68.66	69.00	RT. MAIN LANES	1795.20	38.00	7579.73	1283.55	38.00	7579.73	220.00	833.7
69.00	69.07	RT. MAIN LANES	369.60	28.00	1149.87	195.48	28.00	1149.87	220.00	126.4
69.07	69.38	RT. MAIN LANES	1636.80	38.00	6910.93	1174.86	38.00	6910.93	220.00	760.2
69.38	69.58	RT. MAIN LANES	1056.00	28.00	3285.33	558.51	28.00	3285.33	220.00	361.3
69.58	69.81	RT. MAIN LANES	1214.40	38.00	5127.47	871.67	38.00	5127.47	220.00	564.0
69.84	71.26	RT. MAIN LANES	7497.60	38.00	31656.53	5381.61	38.00	31656.53	220.00	3482.2
71.30	72.48	RT. MAIN LANES	6230.40	38.00	26306.13	4472.04	38.00	26306.13	220.00	2893.
72.48	72.57	RT. MAIN LANES	475.20	28.00	1478.40	251.33	28.00	1478.40	220.00	162.6
72.57	73.12	RT. MAIN LANES	2904.00	38.00	12261.33	2084.43	38.00	12261.33	220.00	1348.
73.12	73.37	RT. MAIN LANES	1320.00	28.00	4106.67	698.13	28.00	4106.67	220.00	451.7
73.37	76.77	RT. MAIN LANES	17952.00	38.00	75797.33	12885.55	38.00	75797.33	220.00	8337.
68.66	68.97	LT. MAIN LANES	1636.80	38.00	6910.93	1174.86	38.00	6910.93	220.00	760.2
68.97	69.18	LT. MAIN LANES	1108.80	28.00	3449.60	586.43	28.00	3449.60	220.00	379.4
69.18	69.48	LT. MAIN LANES	1584.00	38.00	6688.00	1135.96	38.00	6688.00	220.00	735.0
69.48	69.55	LT. MAIN LANES	369.60	28.00	1149.87	195.48	28.00	1149.87	220.00	126.4
69.55	69.81	LT. MAIN LANES	1372.80	38.00	5796.27	985.37	38.00	5796.27	220.00	637.
69.84	71.27	LT. MAIN LANES	7550.40	38.00	31879.47	5419.51	38.00	31879.47	220.00	3506
71.30	72.30	LT. MAIN LANES	5280.00	38.00	22293.33	3789.87	38.00	22293.33	220.00	2452
72.30	72.52	LT. MAIN LANES	1161.60	28.00	3613.87	614.36	28.00	3613.87	220.00	397.
72.52	73.10	LT. MAIN LANES	3062.40	38.00	12930.13	2198.12	38.00	12930.13	220.00	1422
73.10	73.17	LT. MAIN LANES	369.60	28.00	1149.87	195.48	28.00	1149.87	220.00	126.4
73.17	76.77	LT. MAIN LANES	19008.00	38.00	80256.00	13643.52	38.00	80256.00	220.00	8828.
		ACCELERATION LANES, TAPERS, AND RANPS								
69.00	69.07	EXIT 69 RT. MAIN LANES - TURNOUT	369.60	VAR.	1280.56	217.70	VAR.	1280.56	220.00	140.
69.38	69.58	EXIT 69 RT. MAIN LANES - ACCELERATION LANE AND TAPER	1056.00	VAR.	2184.88	371.43	VAR.	2184.88	220.00	240.
68.97	69.18	EXIT 69 LT. MAIN LANES - ACCELERATION LANE AND TAPER	1108.80	VAR.	2580.20	438.63	VAR.	2580.20	220.00	283.
69.48	69.55	EXIT 69 LT. MAIN LANES - TURNOUT	369.60	VAR.	1231.46	209.35	VAR.	1231.46	220.00	135.
72.48	72.57	EXIT 73 RT. MAIN LANES - TURNOUT	475.20	VAR.	1327.33	225.65	VAR.	1327.33	220.00	146.
73.12	73.37	EXIT 73 RT. MAIN LANES - ACCELERATION LANE AND TAPER	1320.00	VAR.	3286.78	558.75	VAR.	3286.78	220.00	361.
72.30	72.52	EXIT 73 LT. MAIN LANES - ACCELERATION LANE AND TAPER	1161.60	VAR.	2629.47	447.01	VAR.	2629.47	220.00	289.
73.10	73.17		369.60	VAR.	856.66	145.63	VAR.	856.66	220.00	94.2
77.34	77.46	EXIT 78 RT. MAIN LANES - EXIT RAMP	633.60	25.00	1760.00	299.20	25.00	1760.00	220.00	193.
77.46	77.49	EXIT 78 RT. MAIN LANES - EXIT RAMP TURNOUT	158.40	VAR.	712.13	121.06	VAR.	712.13	220.00	78.3
77.52	77.53	EXIT 78 RT. MAIN LANES - ENTRANCE RANP TURNOUT	52.80	VAR.	319.62	54,34	VAR.	319.62	220.00	35.1
77.53	77.76	EXIT 78 RT. MAIN LANES - ENTRANCE RANP	1214.40	25.00	3373.33	573.47	25.00	3373.33	220.00	371.0
77.35	77.58	EXIT 78 LT. MAIN LANES - ENTRANCE RAMP	1214.40	25.00	3373.33	573.47	25.00	3373.33	220.00	371.0
77.58	77.59	EXIT 78 LT. MAIN LANES - ENTRANCE RAMP TURNOUT	52.80	VAR.	328.58	55.86	VAR.	328.58	220.00	36.1
77.59	77.61	EXIT 78 LT. MAIN LANES - EXIT RAMP TURNOUT	105.60	VAR.	648.08	110.17	VAR.	648.08	220.00	71.2
77.61	77.80	EXIT 78 LT. MAIN LANES - EXIT RAMP	1003.20	25.00	2786.67	473.73	25.00	2786.67	220.00	306.5
OTALS:										

BASIS OF ESTIMATE:

1	DATE REVISED	DATE Filmed	DATE REVISED	DATE FILMED	FED.RD. DIST.NO.	STATE	FED.40 PROJ.NO.	SHEET NO.	TOTAL SHEETS
					6	ARK,			
					J08		070562	14	17
	(2) OUANTITIES								



Jul 1 2020 7:36 PM DocuSign

			ITEM NO.	SP & 509	SS & 804	SS & 804	SS & 809	821	SP JOB 070562	SP JOB 070562
I-30 LOG MILE	UNIT OF STRUCTURE		ITEM	JOINT REHABILITATION (TYPE A)	REINFORCING STEEL - BRIDGE (GRADE 60)	EPOXY COATED REINFORCING STEEL (GRADE 60)	SILICONE JOINT SEALANT	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO)	BRIDGE DECK REPAIR FOR POLYMER OVERLAYS	POLYMER OVERLAY
			UNIT	LIN. FT.	LBS.	LBS.	LIN. FT.	LUMP SUM	SQ. FT.	SQ. YD.
69.8	EXISTING BRIDGE NO. A3689	1)	120	170				200	445
69.8	EXISTING BRIDGE NO. B3689	(1))	120	170				200	445
70.77	EXISTING BRIDGE NO. 03690	(1)	\		251				296	656
/0.//	EXISTING DRIDGE NO. 03090	U)		251				296	020
71,22	EXISTING BRIDGE NO. A3691	1)	120	191				224	498
71.22	EXISTING BRIDGE NO. B3691	(1)	80	153				180	400
72.86	EXISTING BRIDGE NO. 06962	(1)		755				888	1,972
76.81	EXISTING BRIDGE NO. A3706	(1)			1,939	900	1 (4)	2,281	5,067
76.81	EXISTING BRIDGE NO. B3706	1)			1,939	900	1 (4)	2,281	5,067
77.55	EXISTING BRIDGE NO. A6515	1) (3)			434	112	1 (5)	510	1,134
77.55	EXISTING BRIDGE NO. B6515	1) (3)			434	114	1 (5)	510	1,134
TOTALS FO	 R JOB NO. 070562			440	(2) 1,690	(2) 4,746	2,026	4	(2) 7,570	16,818

SCHEDULE OF BRIDGE QUANTITIES - JOB 070562

 \bigcirc Bridge deck does not have an asphalt overlay.

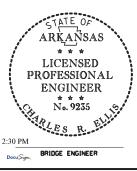
- ② Quantity shown is for estimating and bidding purposes only. Actual quantity, if any, will be determined in the field.
- ③ Drill holes in transition rail at be approaching bridge corners to receive thrie beam attachment. See Roadway plans for additional information.
- (4) Modification of existing bridge structure includes removal and replacement of neoprene strip seal joint material. See Std. Dwg. No. 55064 for additional information.
- (5) Modification of existing bridge structure includes repair of backwalls and sliding plate joint assembly. See existing bridge plans and Dwg. No. 55065 for additional information.

THOMAS GERARD DESIGN SECTION SUPERVISOR

DATE REVISED	DATE Filmed	DATE REVISED	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
	T ILMED	NE VISED		6	ARK.			
				JOB N	0.	070562	15	17
		SEE REFERENCE TABLE - QUANTITIES - 618						17

REFERENCE TABLE

BRIDGE NO.	EXISTING DWG, NO(S).
03690	12153
06962	45761
A3689	12152
B3689	12152
A3691	12154
B3691	12154
A3706	33561A & 33562A
B3706	33561A & 33562A
A6515	33584, 33587, 33593, & 33603
B6515	33585, 33588, 33594, & 33603



Ellis, Rick Clorbe R. Ellis Jul 1 2020 2:30 PM SCHEDULE OF BRIDGE QUANTITIES HWY. 26 - CADDO VALLEY (S) CLARK COUNTY

 ROUTE 30
 SEC. 14

 ARKANSAS
 STATE
 HIGHWAY
 COMMISSION

 LITTLE
 ROCK, ARK.

 DRAWN BY:
 DPT
 DATE: 6/2/2020

 CHECKED BY:

 DATE: 7/1/2020

 DESIGNED BY:

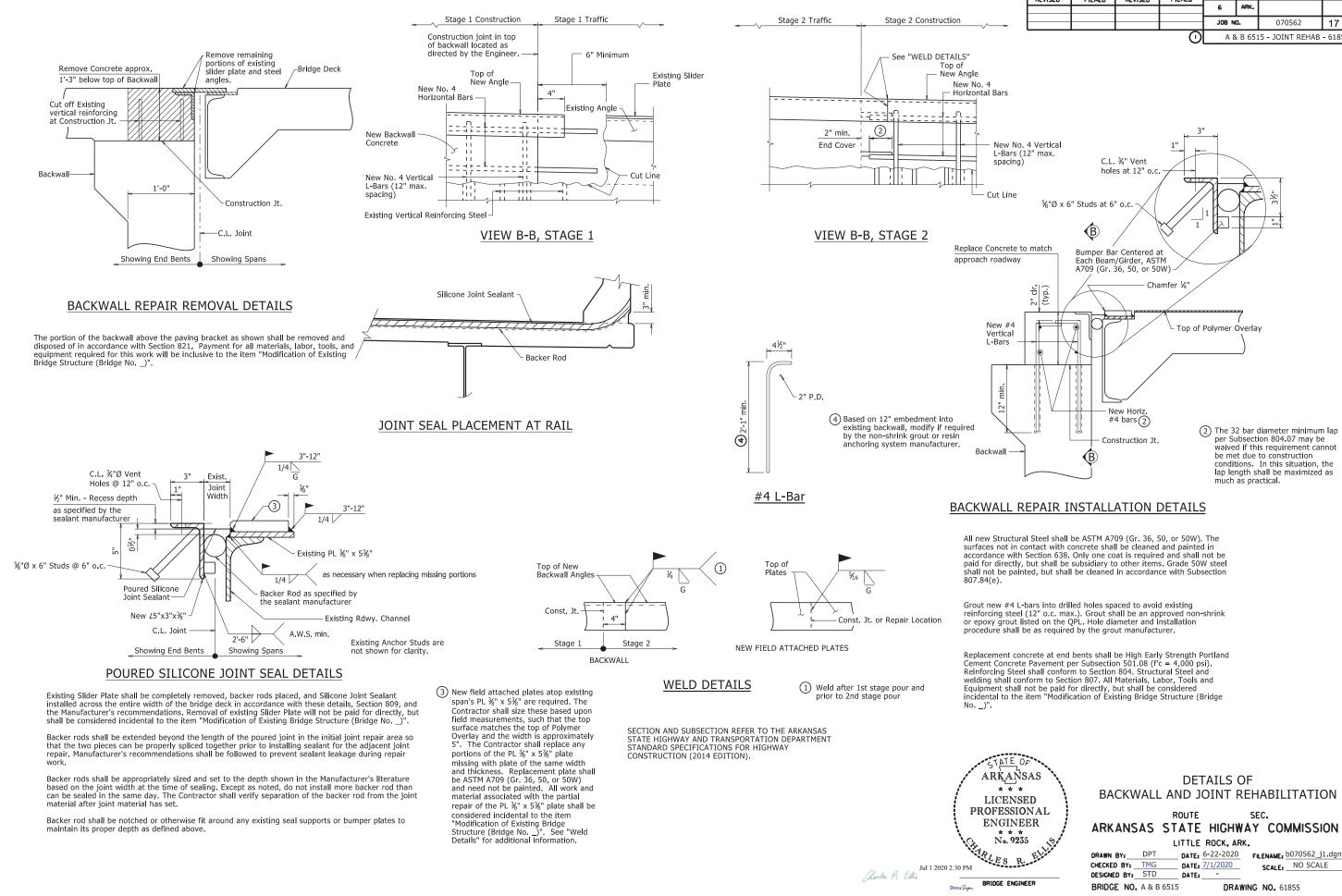
 DATE: 7/1/2020

 BRIDCE
 NOS. SEE REFERENCE TABLE
 DRAWING NO. 61854

			07-31 08-03	20	10-22-20		6	ARK.		_
			10-08	-20	10 30-20)562	
	SUMMARY OF QUANTITIES					(2	2) SUMMA	RY OF OUA	ITITIE	ŝ
UMBER	ITEM	QUANTITY	UNIT							
NUMBER		QUANTIT								ļ
SP		418	STATION							
07 & 210	STONE BACKFILL UNCLASSIFIED EXCAVATION	126 90	TON CU. YD.							N
& 401	TACK COAT	64678	GAL.							7
5, & 407	MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2")	39632	TON							
, & 407	ASPHALT BINDER (PG 76-22) IN ACHM SURFACE COURSE (1/2")	2218	TON							0
& 412	COLD MILLING ASPHALT PAVEMENT	376471	SQ. YD.							
S, & 415	ACHM PATCHING OF EXISTING ROADWAY	150								
501 S, & 603	MOBILIZATION MAINTENANCE OF TRAFFIC	1.00	LUMP SUM							
k 604	SIGNS	998	SQ. FT.							
& 604	TRAFFIC DRUMS	584	EACH							
& 604	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER	833	LIN. FT.							
& 604	RELOCATING PRECAST CONCRETE BARRIER	1146	LIN. FT.							
504	CONSTRUCTION PAVEMENT MARKINGS	268955	LIN. FT.							
804 & 604	REMOVABLE CONSTRUCTION PAVEMENT MARKINGS ADVANCE WARNING ARROW PANEL	3183 40	LIN. FT. DAY							
<u>& 604</u> S. & 604	ADVANCE WARNING ARROW PANEL PORTABLE CHANGEABLE MESSAGE SIGN	40	WEEK							
611	4" PIPE UNDERDRAINS	200	LIN. FT.							
611	UNDERDRAIN OUTLET PROTECTORS	4	EACH							
S, & 611	UNDERDRAIN VIDEO INSPECTION	87956	LIN. FT.							
SP	FLUSHING UNDERDRAIN	84956	LIN. FT.							
SP SP	UNDERDRAIN REHABILITATION - MAIN LINE UNDERDRAIN REHABILITATION - LATERALS	5000 1000	LIN. FT. LIN. FT.							
8 621	FILTER SOCK (18")	1000	LIN. FT.							
335	ROADWAY CONSTRUCTION CONTROL	1.00	LUMP SUM							
542	RUMBLE STRIPS IN ASPHALT SHOULDERS	169912	LIN. FT.							
719	THERMOPLASTIC PAVEMENT MARKING WHITE (6")	1143	LIN. FT.							
719	THERMOPLASTIC PAVEMENT MARKING YELLOW (6')	1470	LIN. FT.							
719	THERMOPLASTIC PAVEMENT MARKING (WORDS)	1	EACH							
719 SP	THERMOPLASTIC PAVEMENT MARKING (ARROWS) ENHANCED THERMOPLASTIC PAVEMENT MARKING WHITE (6")	1 173473	EACH LIN. FT.							
SP	ENHANCED THERMOPLASTIC PAVEMENT MARKING WHITE (0)	7745	LIN. FT.							
SP	ENHANCED THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	87737	LIN. FT.							
721	RAISED PAVEMENT MARKERS (TYPE II)	7496	EACH							
	STRUCTURES OVER 20' SPAN									
& 509	JOINT REHABILITATION (TYPE A)	440	LIN. FT.							
36	BRIDGE CONSTRUCTION CONTROL	1.00	LUMP SUM							
3 804	REINFORCING STEEL-BRIDGE (GRADE 60)	1690	POUND							
<u>& 804</u>	EPOXY COATED REINFORCING STEEL (GRADE 60)	4746	POUND							
& 809 21	SILICONE JOINT SEALANT MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. A3706)	2026	LIN. FT.							
B21	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 83706)	1.00	LUMP SUM							
821	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. A6515)	1.00	LUMP SUM							
321	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. B6515)	1.00	LUMP SUM							
SP	BRIDGE DECK REPAIR FOR POLYMER OVERLAYS	7570	SQ. FT.							
SP	POLYMER OVERLAY	16818	SQ. YD.							
	REVISIONS									
ATE	REVISION	SHEET	NUMBER							
1/2020	REVISED MAINTENANCE OF TRAFFIC DETAILS AND 'MAINTENANCE OF TRAFFIC'' SPECIAL PROVISION.		12, 16							
8/2020	REVISED NOTE DIRECTING THE LOCATIONS FOR STORAGE OF MATERIAL GENERATED FROM COLD MILLING OPERATIONS.	13,	, 16							
/2020	ADDED "TRACKLESS TACK" SUPPLEMENTAL SPECIFICATION. REVISED "CONTRACTOR'S LICENSE" SUPPLEMENTAL SPECIFICATION.	З,	16							
2/2020	REVISED "MAINTENANCE OF TRAFFIC" SPECIAL PROVISION. ADDED MAINTENANCE OF TRAFFIC DETAILS FOR ROADWAY REHABILITATION. REVISED "ACHM PATCHING OF EXISTING ROADWAY" AND "4" PIPE UNDERDRAIN" QUANTITY BOXES. ADDED "STONE BACKFILL" QUANTITY. REVISED "SIGNS", "FURNISHNG AND INSTALLING PRECAST CONCRETE BARRIER", AND "RELOCATING PRECAST CONCRETE BARRIER" QUANTITIES.	9B, 12	, 13, 16							
0/2020	ADDED SS 210-1. REVISED GENERAL NOTES. ADDED "UNCLASSIFIED EXCAVATION" QUANTITY.	3, 1	3, 16							

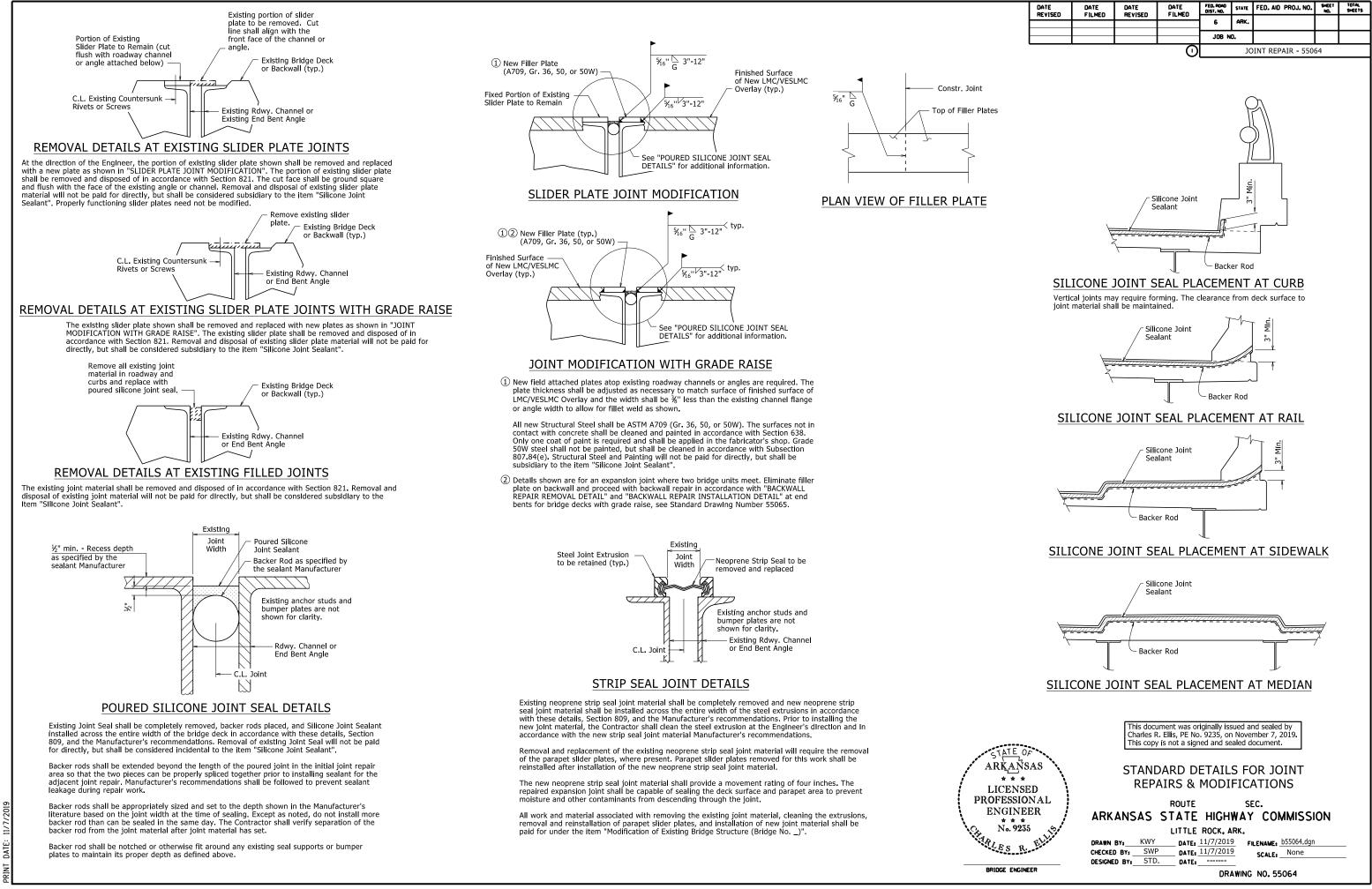
			08	-31-20 -03-20 -08-20	<u> </u>		10-30-20	10-30-20	10-30-20	10-30-20	10-30-20
				-08-20	-			((2) SUMMARY OF QUANTITIES A
	SUMMARY OF QUANTITIES			_					<u> </u>	Ú	Ú
EM NUMBER	ITEM	QUANTITY									
SP	SPECIAL CLEARING	418	STATIO	N							р
207	STONE BACKFILL	126	TON	·							
SS & 210	UNCLASSIFIED EXCAVATION	90	CU, YD								
SS & 401	TACK COAT	64678	GAL.								
SP, SS, & 407	MINERAL AGGREGATE IN ACHM SURFACE COURSE (1/2")	39632	TON								
SP, SS, & 407	ASPHALT BINDER (PG 76-22) IN ACHM SURFACE COURSE (1/2")	2218	TON								Oct 3
SP & 412	COLD MILLING ASPHALT PAVEMENT	376471	SQ. YD								
P, SS, & 415	ACHM PATCHING OF EXISTING ROADWAY	150	TON								
601		1.00	LUMP SU								
P, SS, & 603	MAINTENANCE OF TRAFFIC	1.00	LUMP SU								
SS & 604 SS & 604	SIGNS TRAFFIC DRUMS	998 584	SQ. FT EACH								
SS & 604	FURNISHING AND INSTALLING PRECAST CONCRETE BARRIER	833	LIN. FT	_							
SS & 604	RELOCATING PRECAST CONCRETE BARRIER	1146	LIN. FT								
604	CONSTRUCTION PAVEMENT MARKINGS	268955	LIN. FT	_							
604	REMOVABLE CONSTRUCTION PAVEMENT MARKINGS	3183	LIN. FT								
SS & 604	ADVANCE WARNING ARROW PANEL	40	DAY								
SP, SS, & 604	PORTABLE CHANGEABLE MESSAGE SIGN	16	WEEK								
SS & 611	4" PIPE UNDERDRAINS	200	LIN. FT	_							
SS & 611	UNDERDRAIN OUTLET PROTECTORS	4	EACH								
SP, SS, & 611	UNDERDRAIN VIDEO INSPECTION	87956	LIN. FT								
SP	FLUSHING UNDERDRAIN	84956	LIN. FT	_							
SP	UNDERDRAIN REHABILITATION - MAIN LINE	5000	LIN. FT								
SP SS 8 621	UNDERDRAIN REHABILITATION - LATERALS	1000	LIN. FT	_							
SS & 621	FILTER SOCK (18")	1000	LIN. FT		1	1	1	1	4		
635 642	ROADWAY CONSTRUCTION CONTROL RUMBLE STRIPS IN ASPHALT SHOULDERS	1.00 169912	LIN. FT								
719	THERMOPLASTIC PAVEMENT MARKING WHITE (6")	1143	LIN. FT								
719	THERMOPLASTIC PAVEMENT MARKING WITTE (0)	1470	LIN. FT								
719	THERMOPLASTIC PAVEMENT MARKING (WORDS)	1	EACH	-							
719	THERMOPLASTIC PAVEMENT MARKING (ARROWS)	1	EACH								
SP	ENHANCED THERMOPLASTIC PAVEMENT MARKING WHITE (6")	173473	LIN. FT								
SP	ENHANCED THERMOPLASTIC PAVEMENT MARKING WHITE (12")	7745	LIN. FT								
SP	ENHANCED THERMOPLASTIC PAVEMENT MARKING YELLOW (6")	87737	LIN. FT	_							
721	RAISED PAVEMENT MARKERS (TYPE II)	7496	EACH								
	STRUCTURES OVER 20' SPAN			_							
SP & 509	JOINT REHABILITATION (TYPE A)	440	LIN. FT								
636	BRIDGE CONSTRUCTION CONTROL	1.00	LUMP SU								
SS & 804	REINFORCING STEEL-BRIDGE (GRADE 60)	1690	POUNE								
SS & 804 SS & 809	EPOXY COATED REINFORCING STEEL (GRADE 60) SILICONE JOINT SEALANT	4746 2026	POUNE								
821	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. A3706)	1.00	LUMP SU								
821	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 83706)	1.00	LUMP SU								
821	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 6515)	1.00	LUMP SU								
821	MODIFICATION OF EXISTING BRIDGE STRUCTURE (BRIDGE NO. 86515)	1.00	LUMP SU								
SP	BRIDGE DECK REPAIR FOR POLYMER OVERLAYS	7570	SQ. FT								
SP	POLYMER OVERLAY	16818	SQ. YD								
0.		10010		_							
	REVISIONS										
DATE	REVISION	QUEET	NUMBER		٦	Г	7	1	Г	Г	1
				_							
7/31/2020	REVISED MAINTENANCE OF TRAFFIC DETAILS AND 'MAINTENANCE OF TRAFFIC'' SPECIAL PROVISION.		12, 16		_						
8/3/2020	REVISED NOTE DIRECTING THE LOCATIONS FOR STORAGE OF MATERIAL GENERATED FROM COLD MILLING OPERATIONS.	13	, 16			-	-	-	-	-	-
10/8/2020	ADDED "TRACKLESS TACK" SUPPLEMENTAL SPECIFICATION. REVISED "CONTRACTOR'S LICENSE" SUPPLEMENTAL SPECIFICATION.	3.	16								
	REVISED "MAINTENANCE OF TRAFFIC" SPECIAL PROVISION. ADDED MAINTENANCE OF TRAFFIC DETAILS FOR ROADWAY										
10/22/2020	REHABILITATION. REVISED "ACHM PATCHING OF EXISTING ROADWAY" AND "4" PIPE UNDERDRAIN" QUANTITY BOXES. ADDED "STONE	9B, 12	, 13, 16								
	BACKFILL" QUANTITY. REVISED "SIGNS", "FURNISHNG AND INSTALLING PRECAST CONCRETE BARRIER", AND "RELOCATING PRECAST										
10/30/2020	CONCRETE BARRIER" QUANTITIES. ADDED SS 210-1. REVISED GENERAL NOTES. ADDED "UNCLASSIFIED EXCAVATION" QUANTITY.	2.1	3, 16		-	-	-	-	-	-	-
10/30/2020	ADDED 55210-1. REVISED GENERAL NOTES. ADDED UNCLASSIFIED EXCAVATION QUANTITI.	3, 1	3, 10		-	-	-	-	-	-	-
					1	-		1	1	-	
				-							

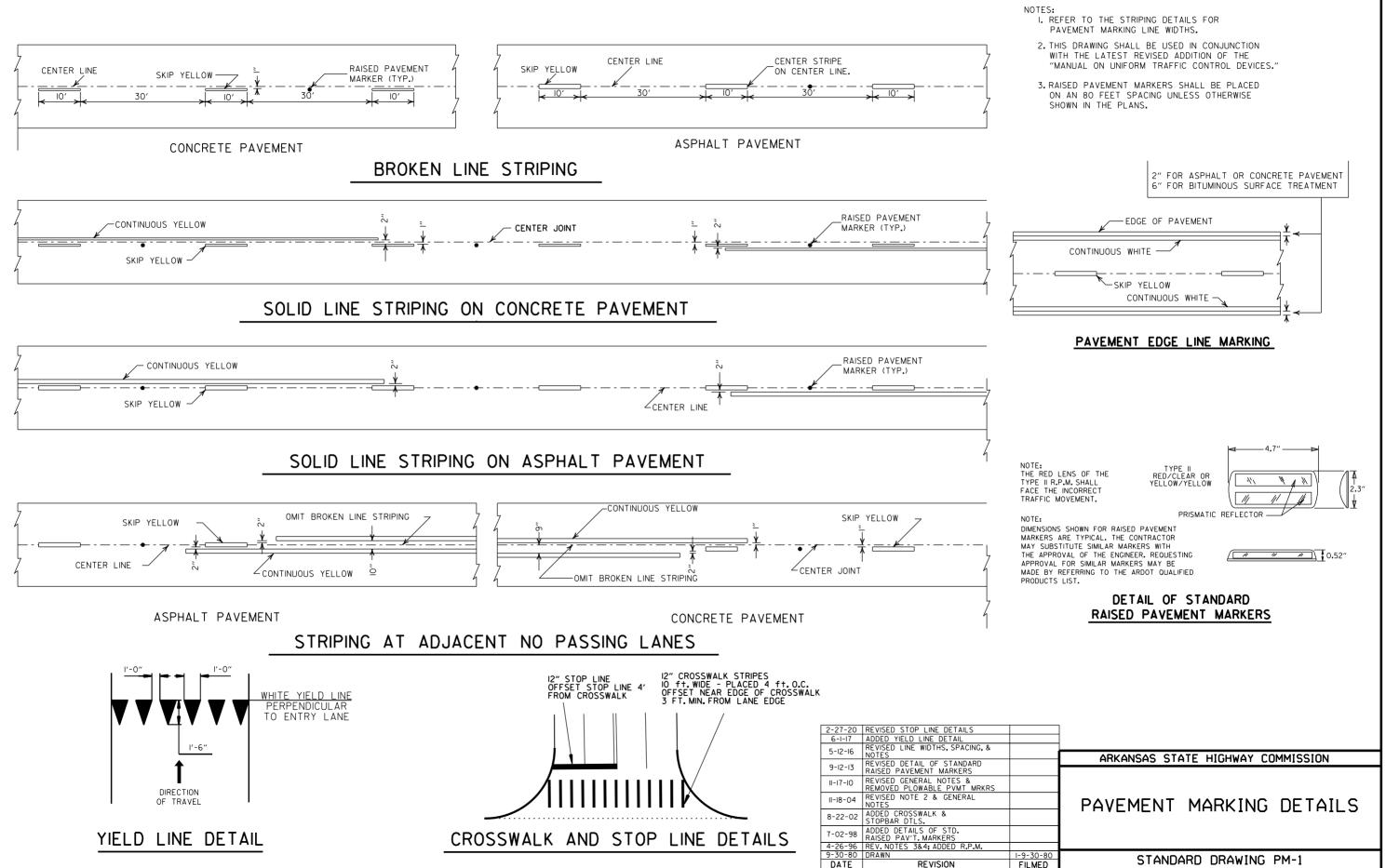
SUMMARY OF QUANTITIES AND REVISIONS



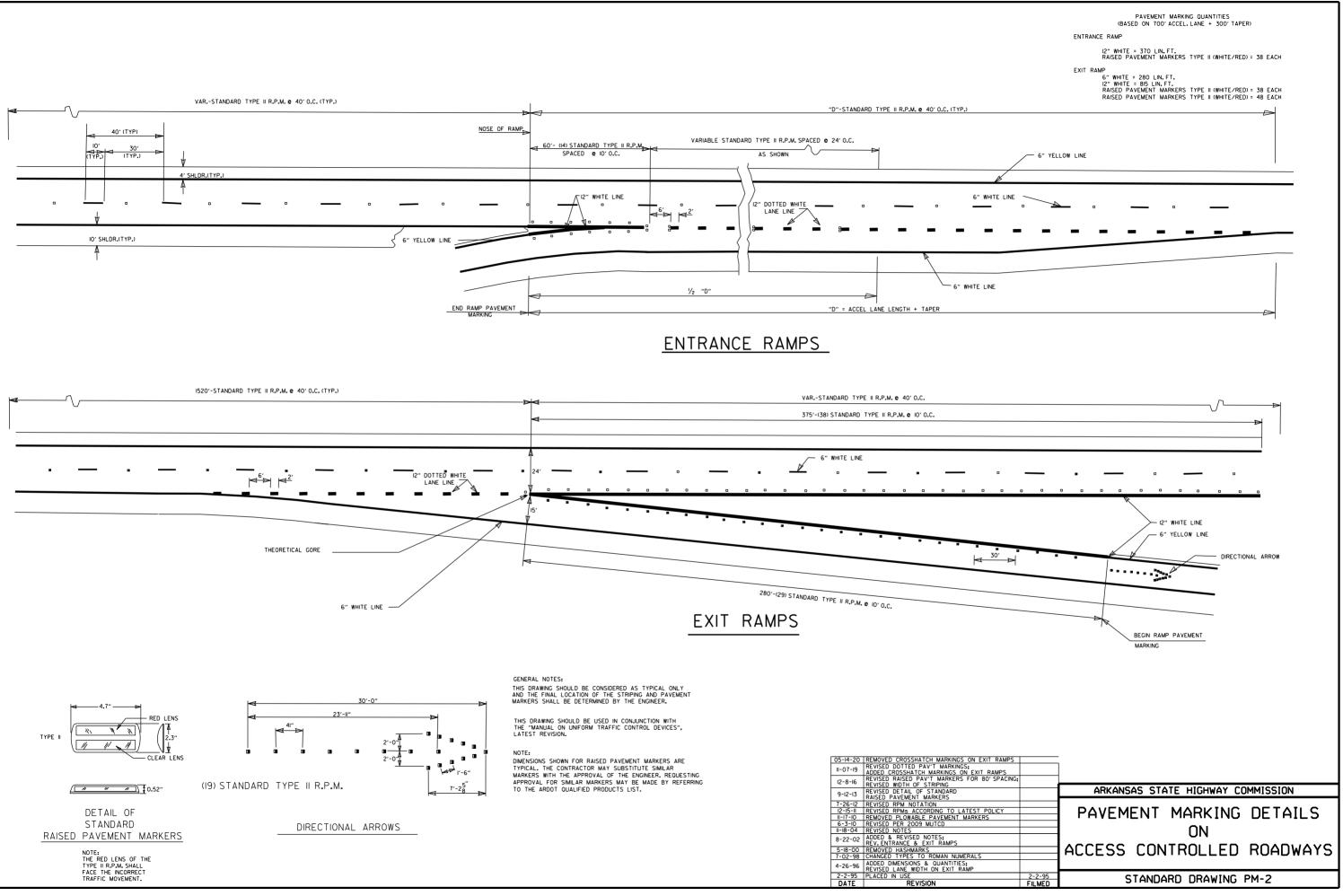
DATE REVISED	DATE FILMED	DATE	DATE FILMED	FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
HE VISED	FILMED	REVISED	FILMED	6	ARK,			
				JOB N	0.	070562	17	17
			0	A 8	k B 651	15 - JOINT REHAB	- 6185	5

BACKWALL AND JOINT REHABILITATION ARKANSAS STATE HIGHWAY COMMISSION _ DATE: 6-22-2020 FILENAME: b070562_j1.dgn SCALE: NO SCALE



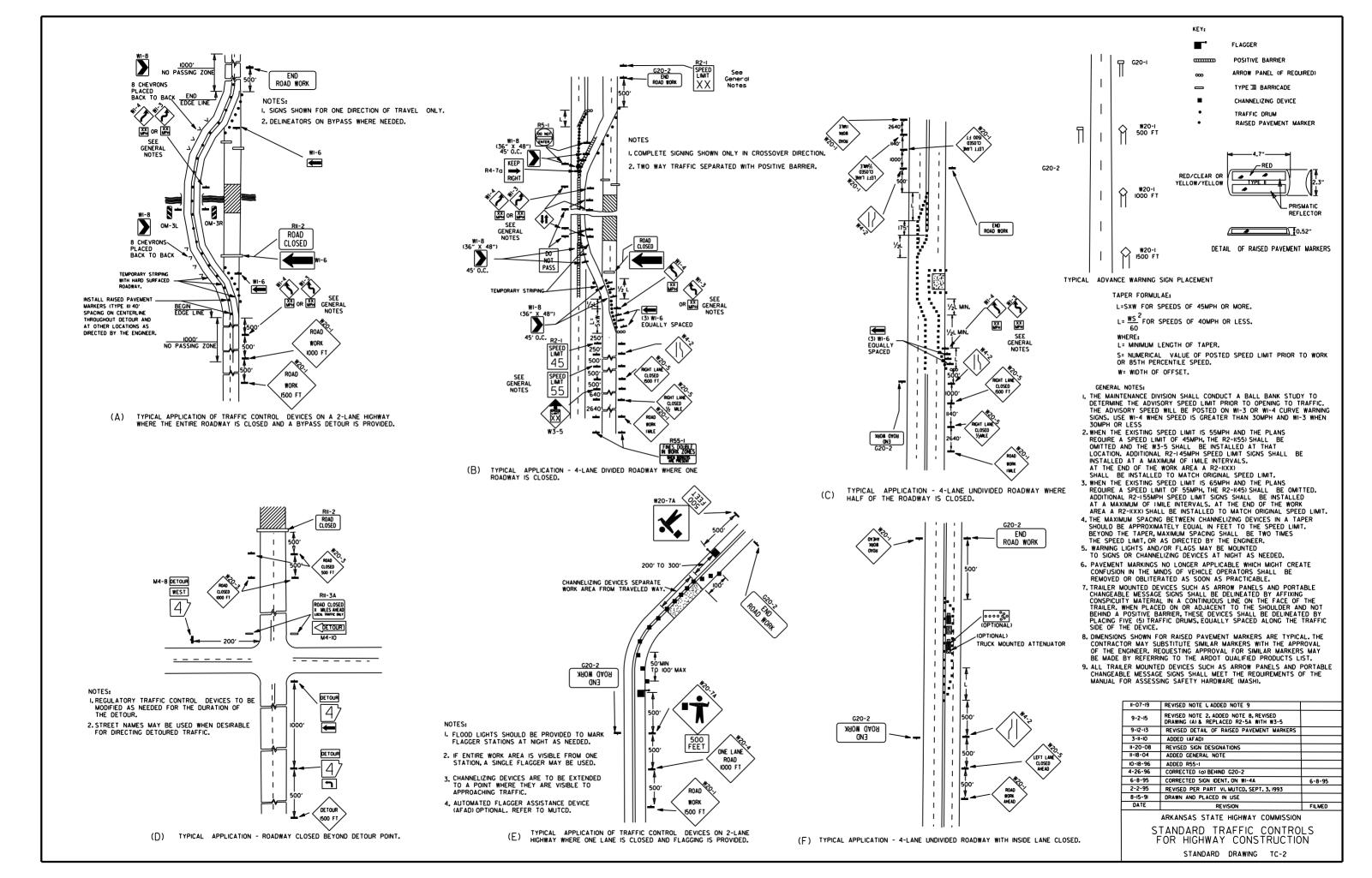


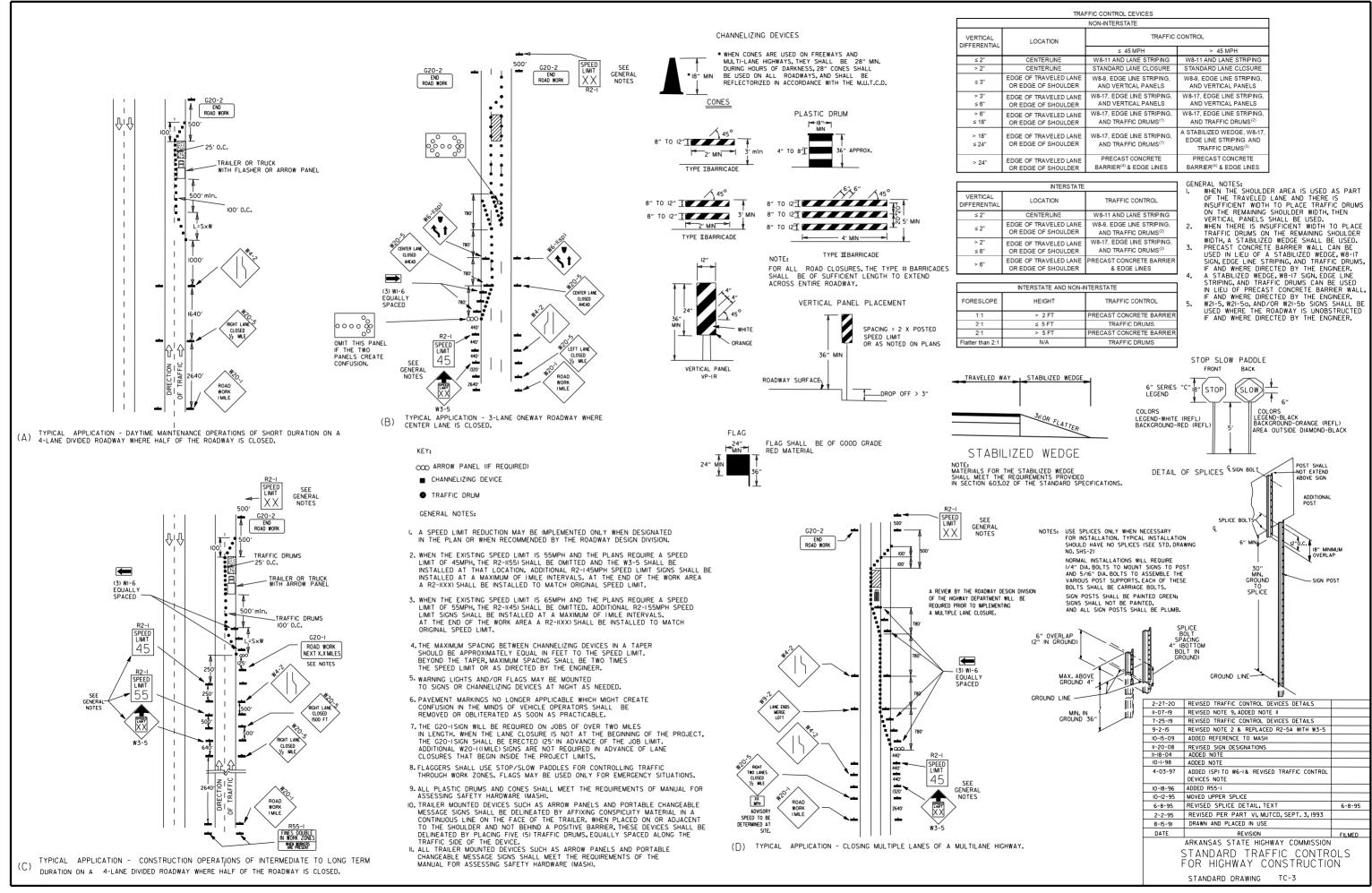
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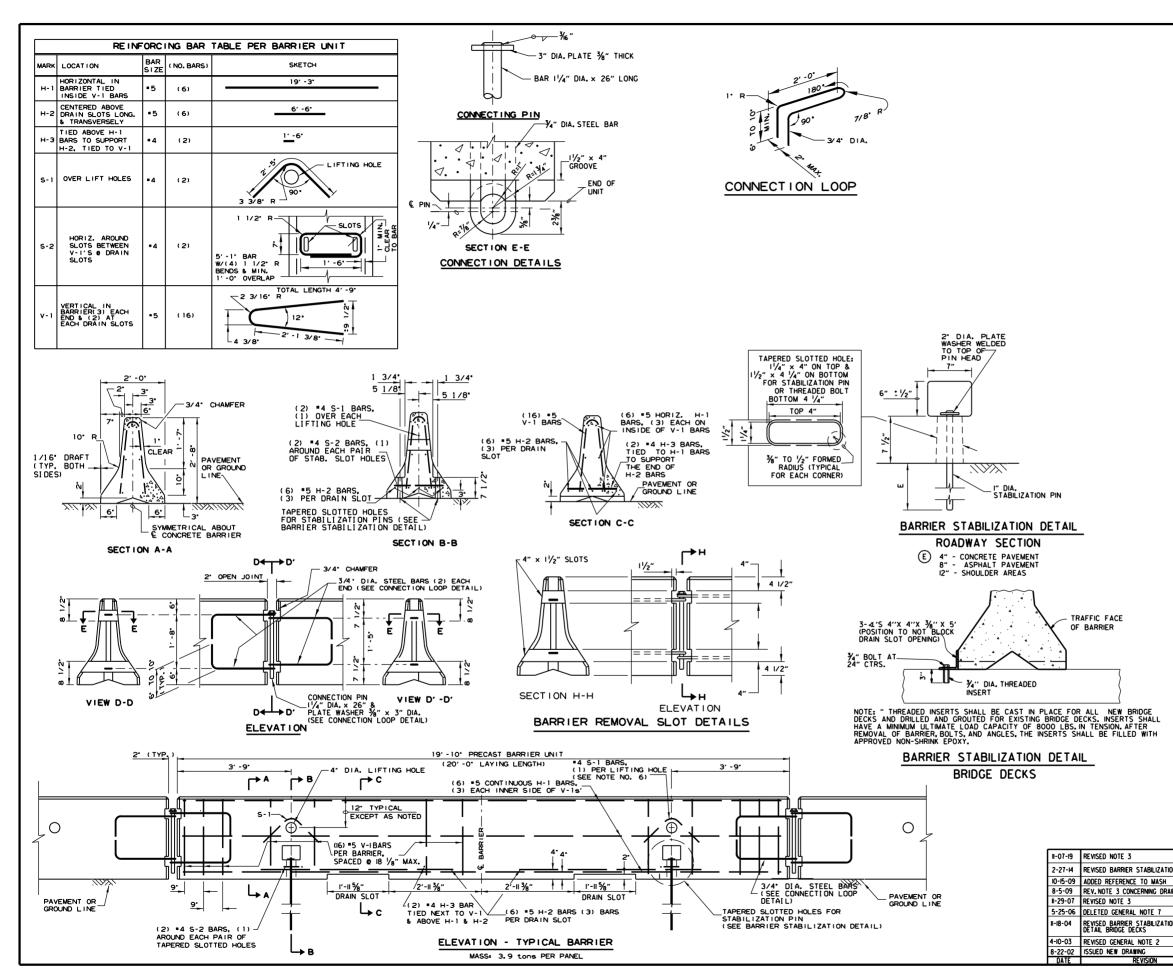


								ADVANCE DISTANCES
STOP	RI-2	R2-I SPEED LIMIT	W3-5	W3-5a XX MPH SPEED ZONE	R4-I DO NOT	R4-2 PASS WITH	GENERAL NOTES:	(XXXX) 500 FT 1/2 MILE 1000 FT 3/4 MILE 1500 FT 1 MILE AHEAD S USED ON ROAD CONSTRUCTION SHALL CONFORM TO
STANDARD 30"X30"	STD. 36"X36"X36"	50 STD. 24"X30"	STD. 36"X36"	AHEAD STD. 36"X36"	PASS 5TD. 24"X30"	CARE	THE MANUAL ON UNIFORM TR STANDARD HIGHWAY SIGNS, LAT HIGHWAY ADMINISTRATION. 2. TRAFFIC CONTROL DEVICES SH OPERATIONS AND SHALL BE PF	AFFIC CONTROL DEVICES, LATEST EDITION, AND TO THE TEST EDITION, OR AS APPROVED BY THE FEDERAL ALL BE SET UP JUST BEFORE THE START OF CONSTRUCTION ROPERLY MAINTAINED DURING THE TIME SUCH CONDITIONS PLACE ONLY AS LONG AS NEEDED AND REMOVED THEREAFTER.
EXPRESSWAY 36"X36" SPECIAL 48"X48" R5-I	STD. 36"X36"X36" EXPWY. 48"X48"X48" FWY. 60"X60" RII-2	EXPWY. 36"X48" FWY. 48"X60" RII-3A	EXPWY. 48"X48" FWY. 48"X48" RII-4	EXPWY. 48"X48" FWY. 48"X48" W2I-5g	EXPWY. 36"X48" FWY. 48"X60" WI-I	EXPWY. 36"X48" FWY. 48"X60" WI-2	CLEAN AND LEGIBLE AT ALL T SHALL BE REMOVED. SIGNS TH	CTION SIGNS SHALL BE KEPT IN PROPER POSITION, AND BE TIMES. SIGNS THAT DO NOT APPLY TO EXISTING CONDITIONS AT ARE DAMAGED, DEFACED, OR THAT ACCUMULATE DIRT BE CLEANED, REPAIRED, OR REPLACED.
DO NOT	ROAD	ROAD CLOSED	ROAD CLOSED	RIGHT SHOULDER CLOSED			OR LARGER THAN IO SO.FT.SI BARRICADE. • 5. SIGN POSTS DIRECT BURIED IN WOOD POSTS. CHANNEL POSTS	ON A SINGLE POST, ALTHOUGH THOSE WIDER THAN 36" HALL BE MOUNTED ON TWO POSTS OR ABOVE A TYPE III SOIL SHALL BE 2 LB. MINIMUM CHANNEL POST OR 4"×4" SHALL BE PAINTED GREEN, WOOD POSTS SHALL BE PAINTED
STD. 30"X30"	48"X30"	LOCAL TRAFFIC ONLY	60"x30"	STD. 36"X36"	STD. 36"X36"	STD. 36"x36"	REPAIRED AS NEEDED FOR THE 2 POSTS IN A 7' PATH FOR WU SHALL BE IN ACCORDANCE WITH 6. POST MOUNTED SIGNS IN RURA	AL AREAS SHALL BE CONSTRUCTED WITH THE NEAR EDGE OF
EXPWY. 36"X36" SPECIAL 48"X48"	WI-4	WI-6		FWY. 48"X48" W3-I	FWY. 48"X48" W3-2	FWY- 48"X48"		FROM THE PAVEMENT EDGE. SIGNS IN URBAN AREAS AND ALL BE MOUNTED A MINIMUM OF 2 FEET FROM THE PAVEMENT
WI-3			WI-8 STD. IB"X24"		WJ-2	W4-2	A MINIMUM DISTANCE OF 7' FRC ALL POST AND BARRICADE MOL A MINIMUM DISTANCE OF 7' FRC EXCEPT A MINIMUM OF 6' SHAL WARNING SIGN. TEMPORARY SIG INTERMEDIATE TERM STATIONAF SHALL BE 5'. RETROREFLECTIV MOUNTED ON PORTABLE SUPPO CONDITIONS. THEY SHALL BE N	JNTED SIGNS MOUNTED IN URBAN AREAS SHALL BE MOUNTED DM THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE. JNTED SIGNS MOUNTED IN RURAL AREAS SHALL BE MOUNTED DM THE BOTTOM OF THE SIGN TO THE ROADWAY SURFACE, L BE USED WHEN MOUNTING AN ADVISORY SIGN BELOW A NS MAY BE MOUNTED ON PORTABLE SUPPORTS FOR RY WORK CONDITIONS. THE SIGNS MINIMUM MOUNTING HEIGHT E DEVICES SHALL BE USED. TEMPORARY SIGNS MAY BE IRTS FOR SHORT-TERM, SHORT DURATION, AND MOBILE IO LESS THAN ONE (1) FOOT ABOVE THE TRAVELED WAY. SHALL BE DIRECT BURIED IN SOIL, UNLESS CONDITIONS
STD. 48"X48"	STD. 48"X48"	STD. 48"X24" SPECIAL 60"X30"	SPECIAL 24"X30" EXPWY. 30"X36" FWY. 36"X48"	STD. 36"X36" SPECIAL 48"X48"	STD. 36"X36" SPECIAL 48"X48"	STD. 36"X36" FWY. 48"X48"	NECESSITATE THE USE OF POR	TABLE SIGNS, OR AS APPROVED BY THE ENGINEER. CONCRETE LAST, OR OTHER SOLID MATERIALS SHALL NOT BE UTILIZED
ROAD NARROWS	W6-3	W8-7 LOOSE GRAVEL	W9-2 LANE ENDS MERGE RIGHT	WI3-I M.P.H.	W2O-I ROAD WORK XXXX	W2O-2 DETOUR XXXX	W2O-3 ROAD CLOSED XXXX	 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-ISIGNS SHALL BE PLACED AT LEAST ISOO' BUT NOT MORE THAN I 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
STD. 36"X36" SPECIAL 48"X48"	EXPWY. 36"X36" SPECIAL 48"X48"	EXPWY. 36"X36" FWY. 48"X48"	STD. 36"X36" FWY. 48"X48"	STD. 24"X24"	STD. 48"X48"	STD. 48"X48"	STD. 48"X48"	ADVANCE OF THE "REDUCED SPEED AHEAD" SIGN. • NOTE: SUPPORTS FOR SIGNS, BARRICADES, AND VERTICAL PANELS THAT ARE DIFFERENT FROM
W20-4 ONE LANE ROAD XXXX	W2O-5 RIGHT LANE CLOSED XXXX	W20-7a	FRESH OIL	W2I-5 SHOULDER WORK	W24-1	WI-4b	R56-I CONTROLLED ACCESS HWY. NO EXIT	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. II-07-19 REVISED FOR MASH 4-13-17 DELETED RSP-1 & ADDED W21-5g 9-2-15 REVISED REDUCED SPEED LIMIT AHEAD SIGNS REVISED RAD WORK NEXT XX MILES 12-15-II REVISED W24-1 II-17-10 DELETED W3-90 & ADDED W8-9
STD. 48"X48"	STD. 48"X48"	STD. 36"X36" FWY. 48"X48"	STD. 30"X30" SPECIAL 36"X36"	STD. 30"X30" SPECIAL 36"X36"	STD. 36"X36"	STD. 48"X48"	STD. 18"X18"	IO-5-09 ADDED REFERENCE TO MASH & ADDED Sign W24-1 4-17-08 REVISED SIGN DESIGNATIONS II-I8-04 REVISED NOTES
W8-II	W8-9	G20-I	G20-2	OM-3L OM-3R	M4-9	M4-I0	R55-I	I0-9-03 REVISED NOTE I II-16-01 REVISED NOTE 7 9-28-00 REVISED NOTE
UNEVEN LANES	LOW SHOULDER	ROAD WORK NEXT XX MILES	END ROAD WORK	YELLOW BLACK-	STD. 30"X24"	DETOUR	FINES DOUBLE IN WORK ZONES WHEN WORKERS ARE PRESENT ••	II-I8-98 ADDED NOTE 6-26-97 REVISED NOTE 5 4-03-97 REVISED NOTE 5 I0-I8-96 ADDED CONTROLLED ACCESS HWY, SIGN & TO NOTE 7 I0-I2-95 ADDED CONTROLLED ACCESS HWY, SIGN & TO NOTE 7 I0-I2-95 ADDED R55-1 6-8-95 REVISED TO CORRECT SIGN ILLUSTRATIONS 2-2-95 REVISED PER PART VI, MUTCD SEPT, 3, 1993 8-15-91 DRAWN AND PLACED IN USE DATE REVISION
STD. 36"X36" FWY. 48"X48"	STD. 36"X36" FWY. 48"X48"	60"X24"	48″X24″	ı2"X36"	SPECIAL 48"X36" SPECIAL 60"X48"	48"XI8"	36"x60" • USE 6" C LETTERS •• USE 4" D LETTERS	ARKANSAS STATE HIGHWAY COMMISSION STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION STANDARD DRAWING TC-1

500	FT	1/2	MILE
1000	FT	3/4	MILE
1500	FT	1	MILE
		4	HEAD







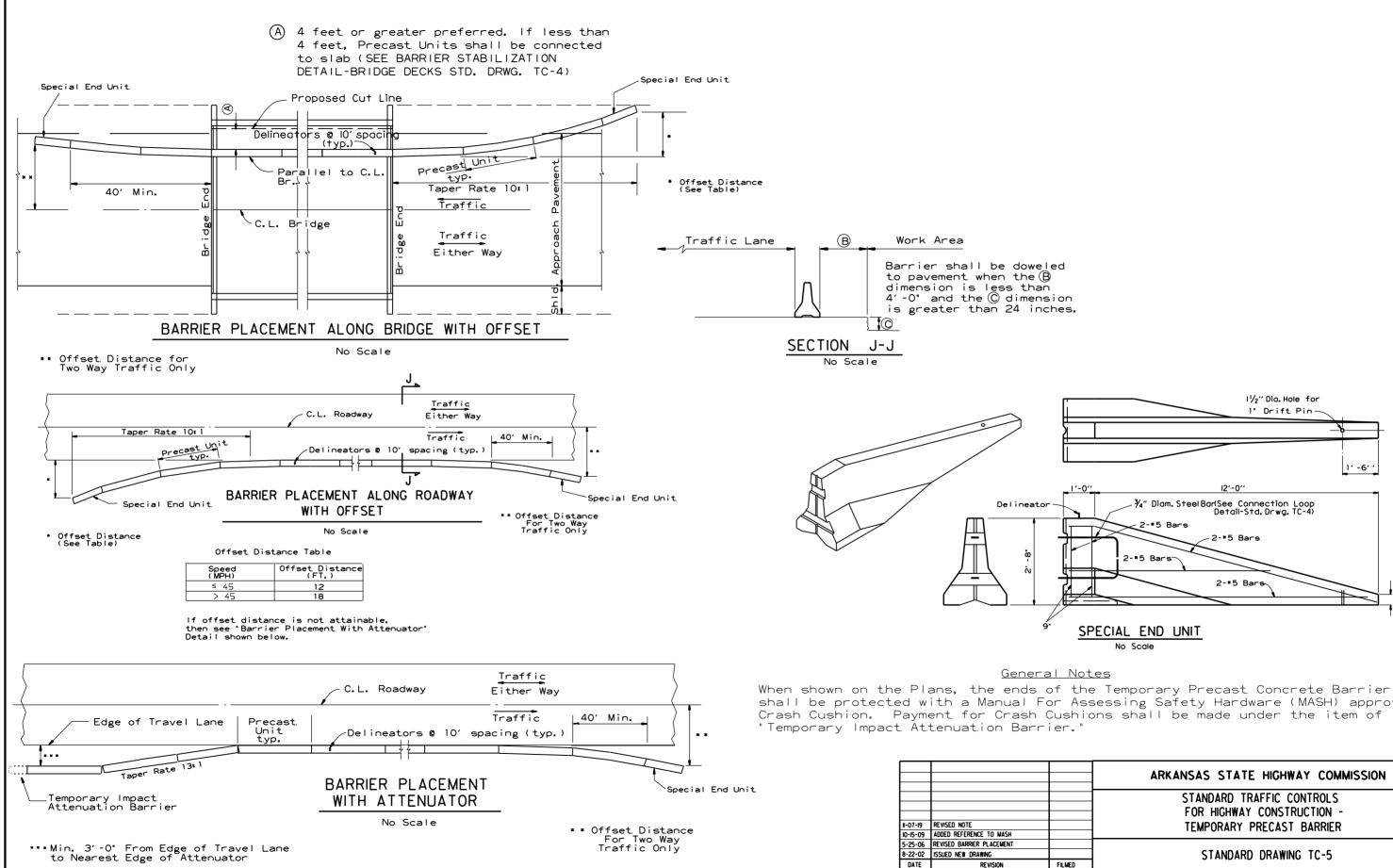
GENERAL NOTES

- 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.
- MATERIALS SHALL MEET THE FOLLOWING MINIMUM REOUIREMENTS; CONCRETE: 2500 PSICOMPRESSIVE 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 IO'SPACING ON TOP OF PRECAST BARRIER.
 IN APPLICATIONS WHERE BARRIER WALL IS WITHIN 6 FEET OF A TRAFFIC

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 (I) FOOT FROM THE TOP OF THE BARRIER, DELINEATORS SHALL BE ON THE ARDOT OUALIFIED 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, FJ, FOR "URINISHING 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). SHAPES WILL NOT BE ALLOWED IN A CONTINUOUS LINE OF UNITS.
- OWEL 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.

n detail		
N SLOTS		ARKANSAS STATE HIGHWAY COMMISSION
		STANDARD TRAFFIC CONTROLS
N		FOR HIGHWAY CONSTRUCTION - TEMPORARY PRECAST BARRIER
	FILMED	STANDARD DRAWING TC-4



11/2" Dia. Hole for 1. Drift Pin-1' -6' 12'-0'' - ¾" Diam. Steel Bar(See Connection Loop Detail-Std. Drwg. TC-4) 2-*5 Bars 2-*5 Bars -=5 Bar 2-*5 Bar SPECIAL END UNIT No Scale shall be protected with a Manual For Assessing Safety Hardware (MASH) approved ARKANSAS STATE HIGHWAY COMMISSION STANDARD TRAFFIC CONTROLS FOR HIGHWAY CONSTRUCTION -TEMPORARY PRECAST BARRIER STANDARD DRAWING TC-5

