

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.	<u>1</u>	DATED	<u>9/21/2022</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____

Number

Description

- 1 Revised Notice to Bidder No. 4389 & 4390; Revised Bid Items; Revised Progress Schedule; Amendment EBSx Download Required.

TOTAL ADDENDA: 1

(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

Contractor

BY _____

Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

President

Address

Secretary

Address

Treasurer

Address

The following is my (our) itemized proposal.

MP-7149-64(005)/ 307529301000

Simpson County(ies)

Revised 01/26/2016

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4389

CODE: (SP)

DATE: 09/21/2022

SUBJECT: Contract Time

PROJECT: MP-7149-64(005) / 307529301 – Simpson County

The completion of work to be performed by the Contractor for this project will not be a specified date but shall be when all allowable working days are assessed, or any extension thereto as provided in Subsection 108.06. It is anticipated that the Notice of Award will be issued no later than **October 10, 2022** and the date for Notice to Proceed / Beginning of Contract Time will be **November 10, 2022**.

Should the Contractor request a Notice to Proceed earlier than **November 10, 2022** and it is agreeable with the Department for an early Notice to Proceed, the requested date will become the new Notice to Proceed date. Regardless of whether or not an early Notice to Proceed is granted, contract time will start at the original Notice to Proceed date.

All requests for an early Notice to Proceed shall be sent to the Project Engineer who will forward it to the Contract Administration Division.

86 Working Days have been allowed for the completion of work on this project.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 – NOTICE TO BIDDERS NO. 4390

CODE: (SP)

DATE: 9/21/2022

SUBJECT: Scope of Work

PROJECT: MP-7149-64(005) / 307529301 – Simson County

The contract documents do not include an official set of construction plans, but may, by reference, include some Standard Drawings when so specified in a Notice to Bidders entitled, “Standard Drawings.”

The work to be accomplished using the pay items and corresponding specifications set forth in the contract is to overlay the following section of SR 149 in Simpson County: from the intersection of SR 149 and U.S. 49 in Mendenhall to the intersection of SR 149 and U.S. 49 in Braxton.

<u>Route</u>	<u>Length</u> <u>(Miles)</u>	<u>Width</u> <u>(Feet)</u>	<u>Surface Lift</u>	<u>Thickness</u> <u>(Inches)</u>	<u>Level Lift</u>	<u>Thickness</u>
SR 149	10.7	24'	9.5mm, MT	1.5"	UTAP	0.5"

See Typical Sections TS-1 and for more details.

Work on the Project shall consist of the following:

1. The Contractor shall erect and maintain construction signing, provide all signs, set up night time lane closures (if needed), and traffic handling devices in accordance with the Traffic Control Plan. The cost for this work is to be included in the price bid for pay item 618-A: Maintenance of Traffic. All traffic control devices on this project should comply with the latest version of the MUTCD. Fluorescent orange sheeting shall be used on all construction and traffic control signs except for those designated in the standards to be black legend and border on white background.
2. Prior to the overlay, the existing shoulders shall be clipped and surplus material shall be spread along the edge of the shoulders, fore slopes, or other adjacent areas as directed by the Engineer, and will be an absorbed item.
3. The Contractor shall fine mill at the following locations:

<u>ROUTE</u>	<u>LOCATION</u>	<u>LENGTH</u>	<u>REMARKS</u>
SR 149	BOP	200'	Tie In
SR 149	EOP	200'	Tie In
SR 149	161+35	200'	Omitted section
SR 149	199+21	200'	Omitted section
SR 149	344+60	200'	Omitted section
SR 149	363+51	200'	Omitted section

4. The Contractor shall perform pre-leveling operations by placing .5" and variable of UTAP, Leveling from the BOP to the EOP as shown on TS-1.

The Contractor shall remove existing pavement markers prior to placing asphalt. The cost of removing these pavement markers is to be absorbed in other items bid.

The Contractor shall take due care to maintain a uniform outside edge of pavement, and shall place asphalt to establish an approximate vertical face in order for granular material to be placed directly against the surface and not on a shelf of an underlying course. A rubber tire roller shall be used in addition to a steel wheel roller in obtaining compaction in the wheel ruts on this leveling lift of asphalt.

5. The Contractor shall place the top lift of asphalt on the roadway left and right of the centerline from BOP to EOP as shown on sheets TS-1 and TS-2. The finished cross-slope is to be 2% in tangent sections and match the existing super elevation rate in horizontal curves.

Asphalt surface shall be placed on all local roads and driveway aprons (2" Thickness). The maximum single lift thickness for local roads and driveway pads shall be 2".

Driveway aprons shall be paved 10' wide as directed by the Engineer. All local roads shall be paved to the normal right of way line or as directed by the Engineer.

Note: The Contractor shall be responsible for traffic control while MDOT personnel conduct density testing on the asphalt. The cost shall be included in the price in the bid price for pay item 618-A: Maintenance of Traffic.

6. The Contractor shall place granular material on the shoulders to raise the existing shoulders to the new grade, bladed, shaped, and compacted to a minimum slope of 4%. Granular material will not be allowed to be placed directly on the top lift of asphalt, but must be placed directly on the gravel shoulder by means of a road widener machine

approved by the Project Engineer. Light blading or mowing of the shoulders will be required prior to placement of the granular material.

7. The Contractor shall place all permanent pavement markings, including stripe and raised pavement markers, throughout the project as required by the Standard Drawings or as directed by the Engineer. Existing pavement markings located on bridges shall be removed as required prior to placing new markings.

An asphalt taper shall be placed at the temporary joints caused by the milling or overlay in order to provide for the safe movement of traffic. The taper shall be three feet (3') in length per one inch of depth and will be an absorbed item.

Temporary striping shall be required after milling and overlaying operations: Temporary striping shall be placed in the same locations and layout as permanent stripe. All centerline, lane lines, edge lines, and no passing stripes that have been removed during the day's operations shall be replaced with temporary stripe before work is discontinued for the day or as soon thereafter as weather conditions will permit, except that:

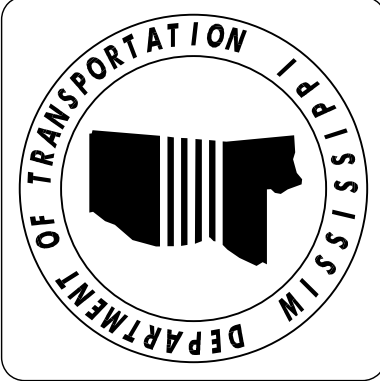
- Replacement of no-passing stripes may be delayed for a period not to exceed three (3) days for a two or three lane road.
- Temporary edge lines on projects requiring shoulders constructed of granular material may be delayed for a period not to exceed three (3) days.

All asphalt and concrete curbs along local roads from BOP to EOP shall be painted (two applications) with white traffic paint and traffic beads as shown on sheet DCIS-1; such costs shall be included in other items bid.

It shall be the responsibility of the Contractor to protect the roadway and all existing structures, such as bridges, culverts, signs, and curbs, from damage occurring as a result of the Contractor's operations. Damages to existing structures caused by the Contractor's operations shall be repaired or replaced at no cost to the Department.

Incidental work such as removing vegetation, shaping and compaction of shoulders, removing excess asphalt material, project clean-up, and other incidental work necessary to complete the project will not be measured for separate payment. Such costs shall be included in the price of other items bid.

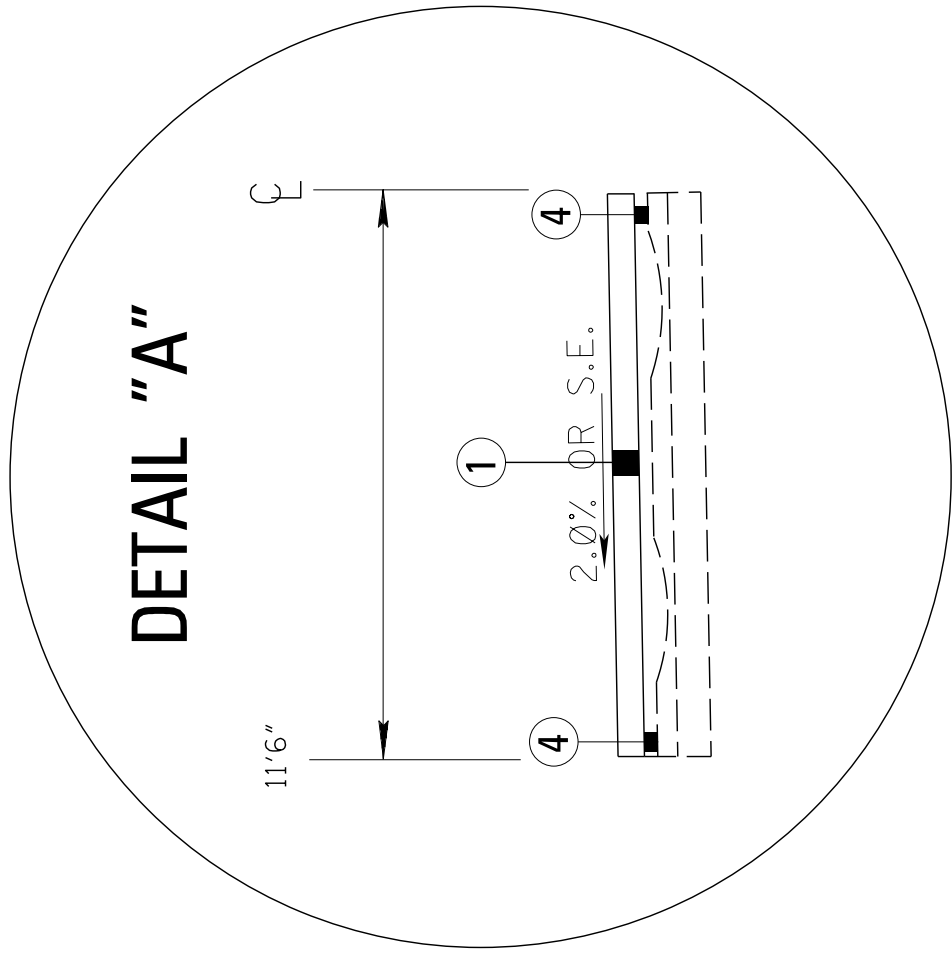
It is the Contractor's responsibility to insure the drainage of surface water from milled areas. Where applicable, existing shoulder material is to remain in place to be incorporated into final sloping of the shoulders. Temporary wedges (paper joints) of full lane width asphalt shall be placed by the Contractor immediately after the fine milling process to allow the safe transition of traffic. These wedges shall be maintained in a satisfactory condition by the Contractor until the permanent asphalt is placed, cost to be absorbed.



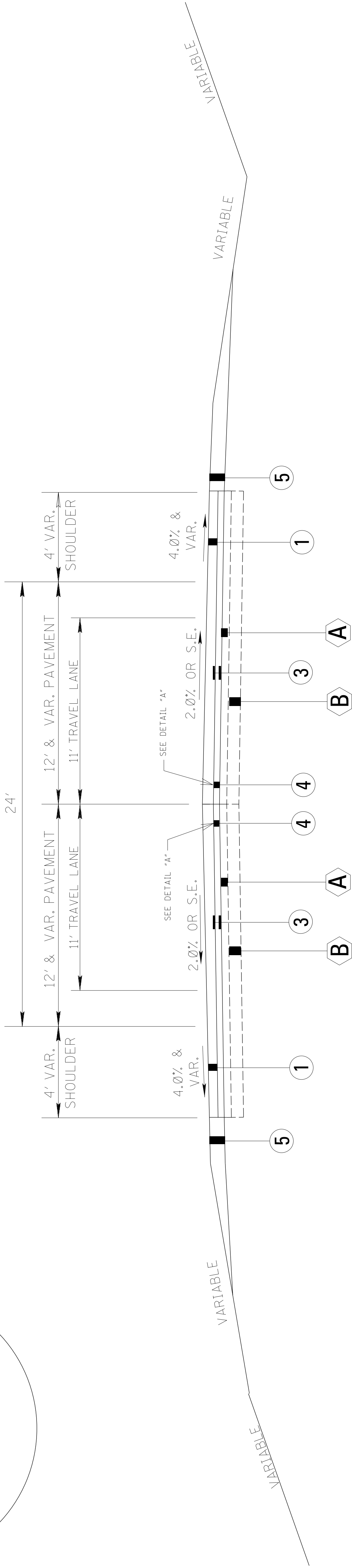
DESIGNED BY:	
DETAILED BY:	
CHECKED BY:	
DATE:	
FMS CON: 307529/301000	PROJECT NO.: MP-7149-64(005)
COUNTY: SIMPSON	

TYPICAL SECTION - MAINLINE

WK. NO. TS-1
SHEET NO. 1



SR 149
CL



TYPICAL SECTION

(10+00 = US 49S and SR 149 intersection)

B.O.P. STA. 10+95 - STA. 77+58: 4' AND VAR. GRANULAR SHOULDER
STA. 77+58 - STA. 109+26: 4' AND VAR. PAVED SHOULDER
STA. 109+26 - E.O.P. STA. 574+204' GRANULAR SHOULDER

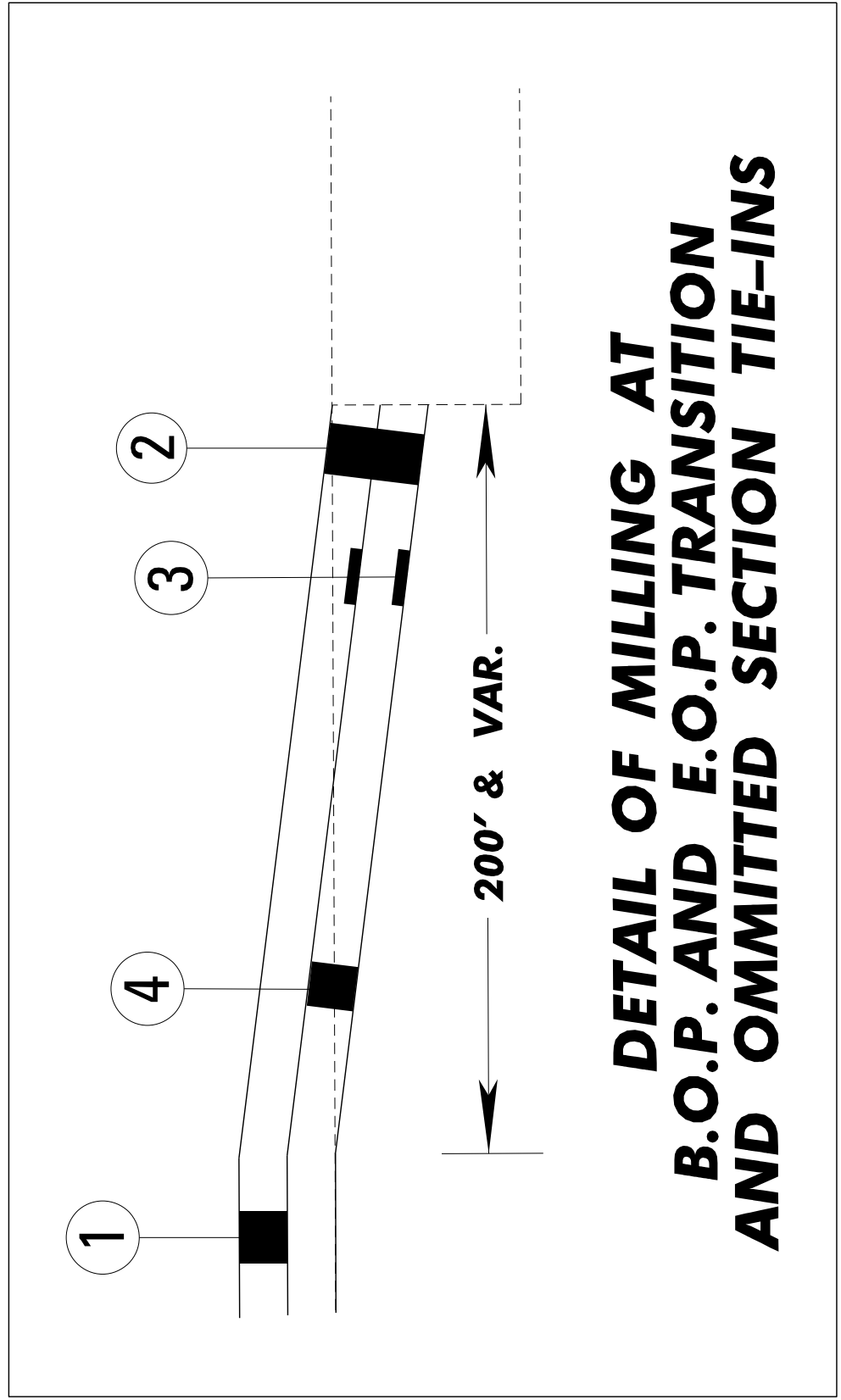
OMIT STATION RANGES:
STA. 161+35 - STA. 199+21
STA. 344+60 - STA. 363+51
NOT TO SCALE

PROPOSED

- 1 1.5" & VAR. OF 9.5MM MT ASPHALT PAVEMENT, REQ'D
- 2 2.0" & VAR. FINE MILLING WHERE REQ'D
- 3 TACK COAT REQ'D
- 4 0.50" & VAR. OF ULTRA THIN ASPHALT, LEVELING REQ'D
- 5 2.0" & VAR. OF CL. 6, CR. D GRANULAR MATERIAL REQ'D

EXISTING

- A BITUMINOUS PAVEMENT IN PLACE
- B GRANULAR SUBGRADE IN PLACE



DETAIL OF MILLING AT
B.O.P. AND E.O.P. TRANSITION
AND OMITTED SECTION TIE-INS

ADDENDUM

STATE	PROJECT NO.
MISS	MP-7149-64(005)

SUMMARY OF QUANTITIES (SHEET 1)				
PAY ITEM NO.	PAY ITEM	UNIT	SIMPSON : 307529-301000	
			Prelim	Final
304-A008	Granular Material, LVM, Class 6, Group D	CY	1,783	
403-A014	9.5-mm, MT, Asphalt Pavement	TON	15,063	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	15,659	
407-A001	Asphalt for Tack Coat	GAL	27,392	
907-411-A001	Ultra Thin Asphalt Pavement , Leveling	TON	3,529	
423-A001	Rumble Strips, Ground In	MI	19	
618-A001	Maintenance of Traffic	LS	1	
618-B001	Additional Construction Signs	SF	1	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	39	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	27	
619-A4002	Temporary Traffic Stripe, Skip Yellow	MI	9	
619-A5001	Temporary Traffic Stripe, Detail	LF	29,014	
619-A6002	Temporary Traffic Stripe, Legend	LF	10,932	
907-619-B001	Temporary Portable Rumble Strips	LF	132	
620-A001	Mobilization	LS	1	
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	19	
626-D001	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow	MI	5	
626-E001	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow	MI	13	
626-G001	Thermoplastic Detail Stripe, Blue-ADA	LF	246	
626-G002	Thermoplastic Detail Stripe, White	LF	10,131	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	9,636	
907-626-H001	Thermoplastic Legend, Blue-ADA Handicap Symbol	EA	2	
626-H005	Thermoplastic Legend, White	LF	5,466	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	1,174	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	166	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	1,182	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES			
By			
Revision	PROJ NO: MP-7149-64(005) COUNTY: SIMPSON		
Date	Design Team	Checked	Date
	FILENAME: SQS-1		Sheet Number
			2

SIGNS REQUIRED						
SIGN NO.	SIZE	UNIT AREA FT ²	QUAN. REQ'D.	TOTAL SIGN AREA FT ²	REMARKS	
G20 - 1	60" X 24"	10.00 ♦	2	20	ROAD WORK NEXT XX MILES	
G20 - 2	48" X 24"	8.00	6	48	END ROAD WORK	
G20 - 4	36" X 18"	4.50			PILOT CAR FOLLOW ME	
1	M1 - 1	24" X 24"	4.00		1 OR 2 DIGIT	
1	M1 - 1	30" X 24"	5.00		3 DIGIT	
2	M1 - 4	24" X 24"	4.00		1 OR 2 DIGIT	
2	M1 - 4	30" X 24"	5.00		3 DIGIT	
3	M1 - 5	24" X 24"	4.00		1 OR 2 DIGIT	
3	M1 - 5	30" X 24"	5.00		3 DIGIT	
4	M3 - 1	24" X 12"	2.00		NORTH - 1 OR 2 DIGIT RTE. MARKER	
4	M3 - 1	30" X 15"	3.13		NORTH - 3 DIGIT RTE. MARKER	
4	M3 - 2	24" X 12"	2.00		EAST - 1 OR 2 DIGIT RTE. MARKER	
4	M3 - 2	30" X 15"	3.13		EAST - 3 DIGIT RTE. MARKER	
4	M3 - 3	24" X 12"	2.00		SOUTH - 1 OR 2 DIGIT RTE. MARKER	
4	M3 - 3	30" X 15"	3.13		SOUTH - 3 DIGIT RTE. MARKER	
4	M3 - 4	24" X 12"	2.00		WEST - 1 OR 2 DIGIT RTE. MARKER	
4	M3 - 4	30" X 15"	3.13		WEST - 3 DIGIT RTE. MARKER	
M4 - 8	24" X 12"	2.00			DETOUR - 1 OR 2 DIGIT RTE. MARKER	
M4 - 8	30" X 15"	3.13			DETOUR - 3 DIGIT RTE. MARKER	
M4 - 9	48" X 36"	12.00 ♦			DETOUR ↑	
M4 - 9L	48" X 36"	12.00 ♦			DETOUR ←	
M4 - 9BL	48" X 36"	12.00 ♦			DETOUR ↖	
M4 - 9SL	48" X 36"	12.00 ♦			DETOUR ↘	
M4 - 9BSL	48" X 36"	12.00 ♦			DETOUR ↗	
M4 - 9R	48" X 36"	12.00 ♦			DETOUR →	
M4 - 9BR	48" X 36"	12.00 ♦			DETOUR ↗	
M4 - 9SR	48" X 36"	12.00 ♦			DETOUR ↘	
M4 - 9BSR	48" X 36"	12.00 ♦			DETOUR ↖	
M4 - 10L	48" X 18"	6.00			DETOUR ◀	
M4 - 10R	48" X 18"	6.00			DETOUR ▶	
4	M4 - 5	24" X 12"	2.00		TO	
4	M5 - 1L	21" X 15"	2.19		↖	
4	M5 - 1R	21" X 15"	2.19		↗	
4	M5 - 2L	21" X 15"	2.19		↘	
4	M5 - 2R	21" X 15"	2.19		↙	
4	M6 - 1L	21" X 15"	2.19		←	
4	M6 - 1R	21" X 15"	2.19		→	
4	M6 - 2L	21" X 15"	2.19		↖	
4	M6 - 2R	21" X 15"	2.19		↗	
4	M6 - 3	21" X 15"	2.19		↑	

SIGNS REQUIRED (CONT'D)						
SIGN NO.	SIZE	UNIT AREA FT ²	QUAN. REQ'D.	TOTAL SIGN AREA FT ²	REMARKS	
1	R1 - 1	36" OCTAGON	7.46		STOP	
2	R1 - 1	48" OCTAGON	13.25 ♦			
2	R1 - 2	36" X 36" X 36"	3.90		YIELD	
2	R1 - 2	48" X 48" X 48"	6.93			
2	R1 - 2	60" X 60" X 60"	10.83 ♦			
1	R1 - 3	18" X 9"	1.13		3-WAY, 4-WAY, ETC.	
2	R1 - 3	24" X 12"	2.00			
1	R2-1	24" X 30"	5.00		SPEED LIMIT	
2	R2-1	36" X 48"	12.00 ♦			
6	R2-1	48" X 60"	20.00 ♦			
1	R3-1	36" X 36"	9.00			
2	R3-1	48" X 48"	16.00 ♦			
1	R3-2	36" X 36"	9.00			
2	R3-2	48" X 48"	16.00 ♦			
1	R3-4	36" X 36"	9.00			
2	R3-4	48" X 48"	16.00 ♦			
	R3-5L	30" X 36"	7.50		ONLY	
	R3-5R	30" X 36"	7.50		ONLY	
	R3-6L	30" X 36"	7.50			
	R3-6R	30" X 36"	7.50			
	R3-7L	30" X 30"	6.25		LEFT LANE MUST TURN LEFT	
	R3-7R	30" X 30"	6.25		RIGHT LANE MUST TURN RIGHT	
1	R4-1	24" X 30"	5.00	103	DO NOT PASS	
2	R4-1	48" X 60"	20.00 ♦			
1	R4-2	24" X 30"	5.00	15	PASS WITH CARE	
2	R4-2	48" X 60"	20.00 ♦			
	R4-7	48" X 60"	20.00 ♦			
	R4-8	48" X 60"	20.00 ♦			
	R5-1	48" X 48"	16.00 ♦		DO NOT ENTER	
	R5-1a	42" X 30"	8.75		WRONG WAY	
	R6-1L	36" X 12"	3.00		ONE WAY	
	R6-1R	36" X 12"	3.00		ONE WAY	
	R6-2L	24" X 30"	5.00		ONE WAY	
	R6-2R	24" X 30"	5.00		ONE WAY	
	R11-2	48" X 30"	10.00 ♦		ROAD CLOSED XX MILES AHEAD	
	R11-3a	60" X 30"	12.50 ♦		BRIDGE OUT XX MILES AHEAD	
	R11-3b	60" X 30"	12.50 ♦		ROAD CLOSED TO THRU TRAFFIC WEIGHT LIMIT XX TONS	
	R11-4	60" X 30"	12.50 ♦		WHEN WORKERS ARE PRESENT SPEEDING FINES DOUBLED	
	R12-1	36" X 48"	12.00 ♦		BUMP	
7	R16-3	36" X 48"	12.00 ♦		SOFT SHOULDER	
6	R16-3	48" X 60"	20.00 ♦		TRUCK CROSSING	

SIGNS REQUIRED (CONT'D)						
SIGN NO.	SIZE	UNIT AREA FT ²	QUAN. REQ'D.	TOTAL SIGN AREA FT ²	REMARKS	
W1 - 1L	48" X 48"	16.00 ♦			↙	
W1 - 1R	48" X 48"	16.00 ♦			↗	
W1 - 2L	48" X 48"	16.00 ♦			↖	
W1 - 2R	48" X 48"	16.00 ♦			↘	
W1 - 3L	48" X 48"	16.00 ♦			↙	
W1 - 3R	48" X 48"	16.00 ♦			↗	
W1 - 4aL	48" X 48"	16.00 ♦			↖	
W1 - 4aR	48" X 48"	16.00 ♦			↘	
W1 - 5L	48" X 48"	16.00 ♦			↙	
W1 - 5R	48" X 48"	16.00 ♦			↗	
1	W1 - 6L	48" X 24"	8.00		←	
2	W1 - 6L	60" X 30"	12.50 ♦		→	
1	W1 - 6R	48" X 24"	8.00		↔	
2	W1 - 6R	60" X 30"	12.50 ♦		↔	
1	W1 - 7	48" X 24"	8.00		↔	
2	W1 - 7	60" X 30"	12.50 ♦		↔	
1	W1 - 8L	18" X 24"	3.00			
2	W1 - 8L	36" X 48"	12.00 ♦			
1	W1 - 8R	18" X 24"	3.00			
2	W1 - 8R	36" X 48"	12.00 ♦			
	W1-9L	48" X 48"	16.00 ♦		↙	
	W1-9L	48" X 48"	16.00 ♦		↗	
	W2-6	36" X 36"	9.00			
	W3-1a	48" X 48"	16.00 ♦			
	W3-2a	48" X 48"	16.00 ♦			
	W3-3	48" X 48"	16.00 ♦			
	W3-5	48" X 48"	16.00 ♦		SPEED REDUCTION	
	W4-1L	48" X 48"	16.00 ♦		↑	
	W4-1R	48" X 48"	16.00 ♦		↑	
	W4-2L	48" X 48"	16.00 ♦			
	W4-2R	48" X 48"	16.00 ♦			
	W4-3L	48" X 48"	16.00 ♦		↗	
	W4-3R	48" X 48"	16.00 ♦		↖	
	W4-6	48" X 48"	16.00 ♦		PAVEMENT NARROWS	
5	W5-1a	48" X 48"	16.00 ♦		↙	
5	W6-1	48" X 48"	16.00 ♦		↗	
	W6-2	48" X 48"	16.00 ♦		↖	
	W6-3	48" X 48"	16.00 ♦		↘	
	W8-1	48" X 48"	16.00 ♦		BUMP	
	W8-4	48" X 48"	16.00 ♦		SOFT SHOULDER	
	W8-6	48" X 48"	16.00 ♦		TRUCK CROSSING	

SIGNS REQUIRED (CONT'D)						
SIGN NO.	SIZE	UNIT AREA FT ²	QUAN. REQ'D.	TOTAL SIGN AREA FT ²	REMARKS	
W1 - 1L	48" X 48"	16.00 ♦			↙	
W1 - 1R	48" X 48"	16.00 ♦			↗	
W1 - 2L	48" X 48"	16.00 ♦			↖	
W1 - 2R	48" X 48"	16.00 ♦			↘	
W1 - 3L	48" X 48"	16.00 ♦			↙	
W1 - 3R	48" X 48"	16.00 ♦			↗	
W1 - 4aL	48" X 48"	16.00 ♦			↖	
W1 - 4aR	48" X 48"	16.00 ♦			↘	
W1 - 5L	48" X 48"	16.00 ♦			↙	
W1 - 5R	48" X 48"	16.00 ♦			↗	
1	W10-1	36" DIA.	7.07			
2	W10-1	48" DIA.	12.56 ♦			
W13-1	24" X 24"	4.00			XX MPH	
1	W14-3	36" X 48" X 48"	5.56	103	NO PASSING ZONE	
2	W14-3	48" X 64" X 64"	9.89			
W16-2	24" X 18"	3.00			XXX FEET	
W19-2	48" X 48"	16.00 ♦			BRIDGE MAY ICE IN COLD WEATHER	
1	W20 - 1	48" X 48"	16.00 ♦	70	ADVANCE ROAD WORK	
2	W20 - 1	36" X 36"	9.00			
W20 - 2	48" X 48"	16.00 ♦			ADVANCE DETOUR	
W20 - 3	48" X 48"	16.00 ♦			ADVANCE ROAD CLOSED	
W20 - 4	48" X 48"	16.00 ♦			ADVANCE ONE-LN. RD.	
W20 - 4b	48" X 48"	16.00 ♦			ADVANCE ONE-LN. BR.	
W20 - 5L	48" X 48"	16.00 ♦			ADVANCE LT. LN. CLOSED	
W20 - 5R	48" X 48"	16.00 ♦			ADVANCE RT. LN. CLOSED	
W20 - 7a	48" X 48"	16.00 ♦				
W21 - 1	36" X 36"	9.00			WORKERS	
W21 - 1a	36" X 36"	9.00				
W21-2	36" X 36"	9.00			FRESH OIL (TAR)	
W21-3	48" X 48"	16.00 ♦			ADVANCE ROAD MACHINERY	
W21-5	48" X 48"	9.00			SHOULDER WORK	
W21-6	36" X 36"	16.00 ♦			SURVEY CREW	
W24-1L	48" X 48"	16.00 ♦				
W24-1R	48" X 48"	16.00 ♦				
W24-1aL	48" X 48"	16.00 ♦				
W24-1aR	48" X 48"	16.00 ♦				
W24-1bL	48" X 48"	16.00 ♦				
W24-1bR	48" X 48"	16.00 ♦				
VP-1L	12" X 36"	3.00				
VP-1R	12" X 36"	3.00				
OM-3L	12" X 36"	3.00				
OM-3R	12" X 36"	3.00				

NOTE: W20-1 (48"X48") SHALL BE REQ'D
ON ALL LOCAL ROADS.

*** NOT TO SCALE ***

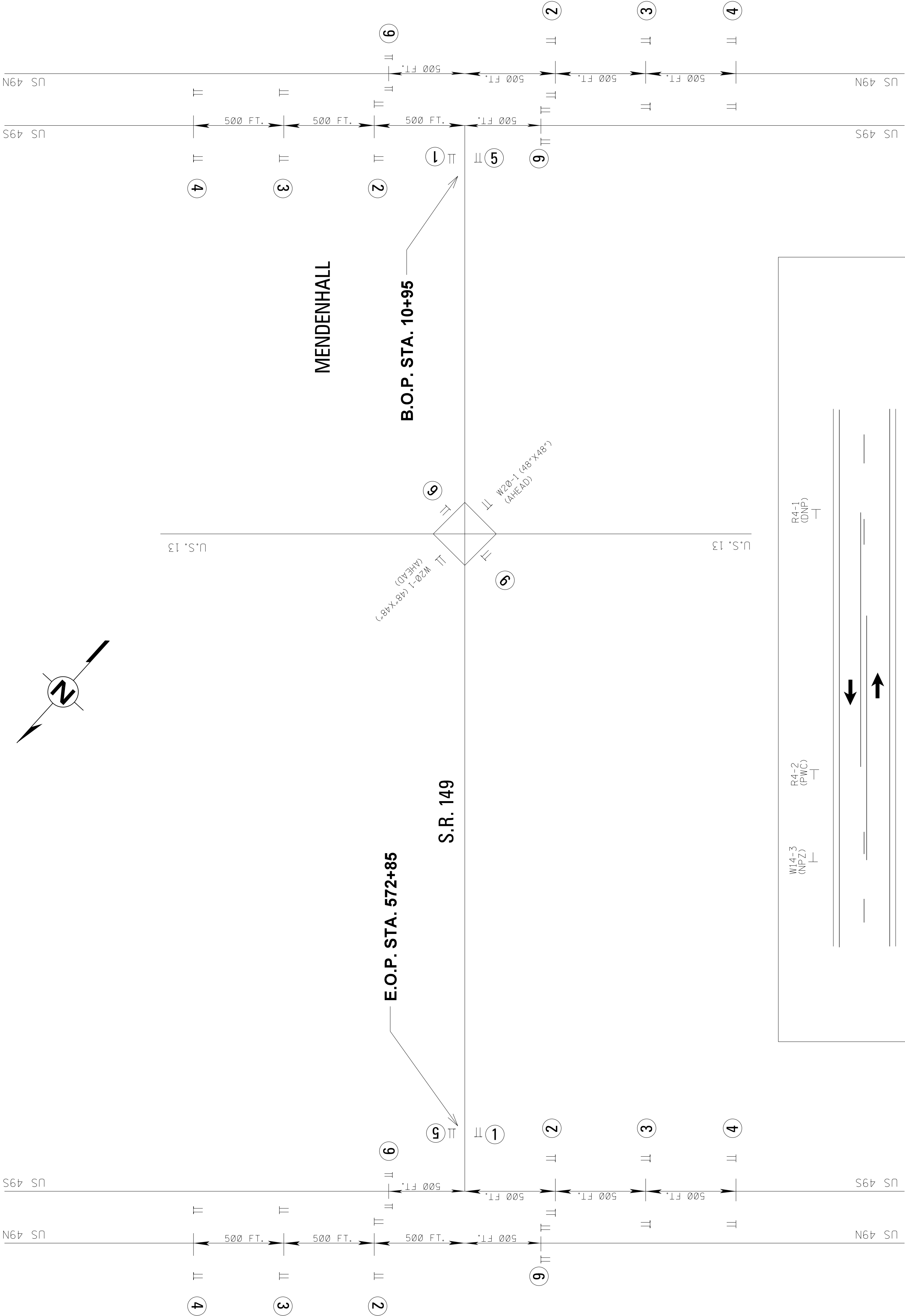
BRAXTON

E.O.P. STA. 572+85

S.R. 149

B.O.P. STA. 10+95

MENDENHALL



SIGN LEGEND

- 1

G20-1 (60"X24")
NEXT 10 MILES
MOUNTED ON
TYPE III BARRICADE
(6 FT. WIDE)
(DOUBLE FACED)
- 2

W20-1 (48"X48")
(500 FT.)
MOUNTED ON
TYPE III BARRICADE
(6FT. WIDE)
(SINGLE FACE)
- 3

W20-1 (48"X48")
(1000 FT.)
- 4

W20-1 (48"X48")
(1500 FT.)
- 5

G20-2 (48"X24")
MOUNTED ON
TYPE III BARRICADE
(6 FT. WIDE)
(DOUBLE FACED)
- 6

G20-2 (48"X24")
MOUNTED ON
TYPE III BARRICADE
(6 FT. WIDE)
(SINGLE FACED)

ADDITIONAL TRAFFIC CONTROL SIGNS REQUIRED:

R4-1 "DO NOT PASS", R4-2 "PASS WITH CARE", AND W14-3 "NO PASSING ZONE" SIGNS ARE REQUIRED IN ACCORDANCE WITH SUB-SECTION 907-618, AND AS SPECIFIED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. IF "NO PASSING ZONES" ARE 1,000' OR MORE, INSTALL ADDITIONAL "DO NOT PASS" & "NO PASSING ZONE" SIGNS ON MAXIMUM SPACING OF 750'.

ALL TRAFFIC CONTROL ITEMS SHALL BE INCLUDED IN BID FOR PAY ITEM 618-A001, MAINTENANCE OF TRAFFIC. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

DETAIL OF CONSTRUCTION SIGNING

WK. NO.
DCS-1

SHEET NO.
4

FMS CON: 307529/301000

PROJECT NO.: MP-7149-64(005)

COUNTY: SIMPSON

DESIGNED BY:

DETAILED BY:

CHECKED BY:

DATE: 04/01/2022



DETAIL OF STRIPING

CHANNELIZED INTERSECTIONS

2 - LANE HIGHWAY

FMS CON: 307529/301000

PROJECT NO.: MP-7149-64(005)

COUNTY: SIMPSON

DESIGNED BY:

DETAILED BY:

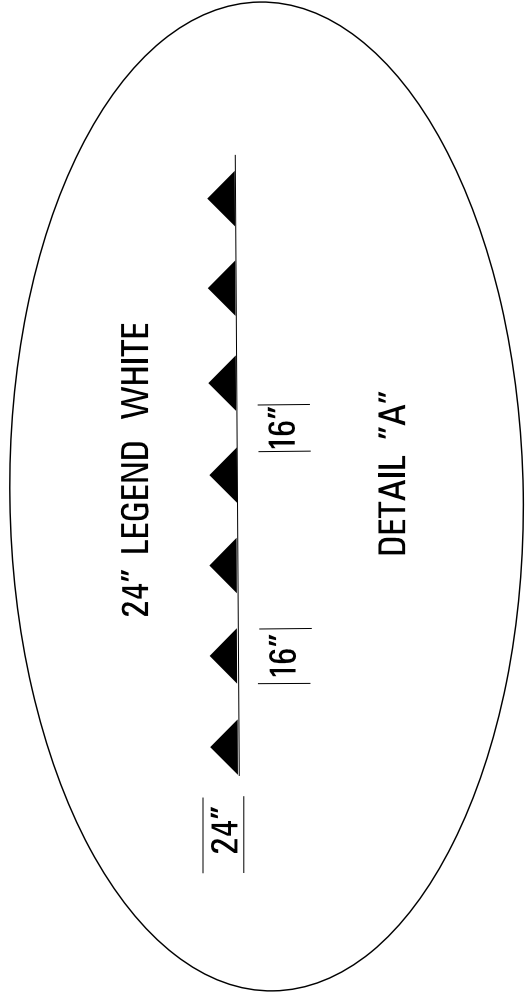
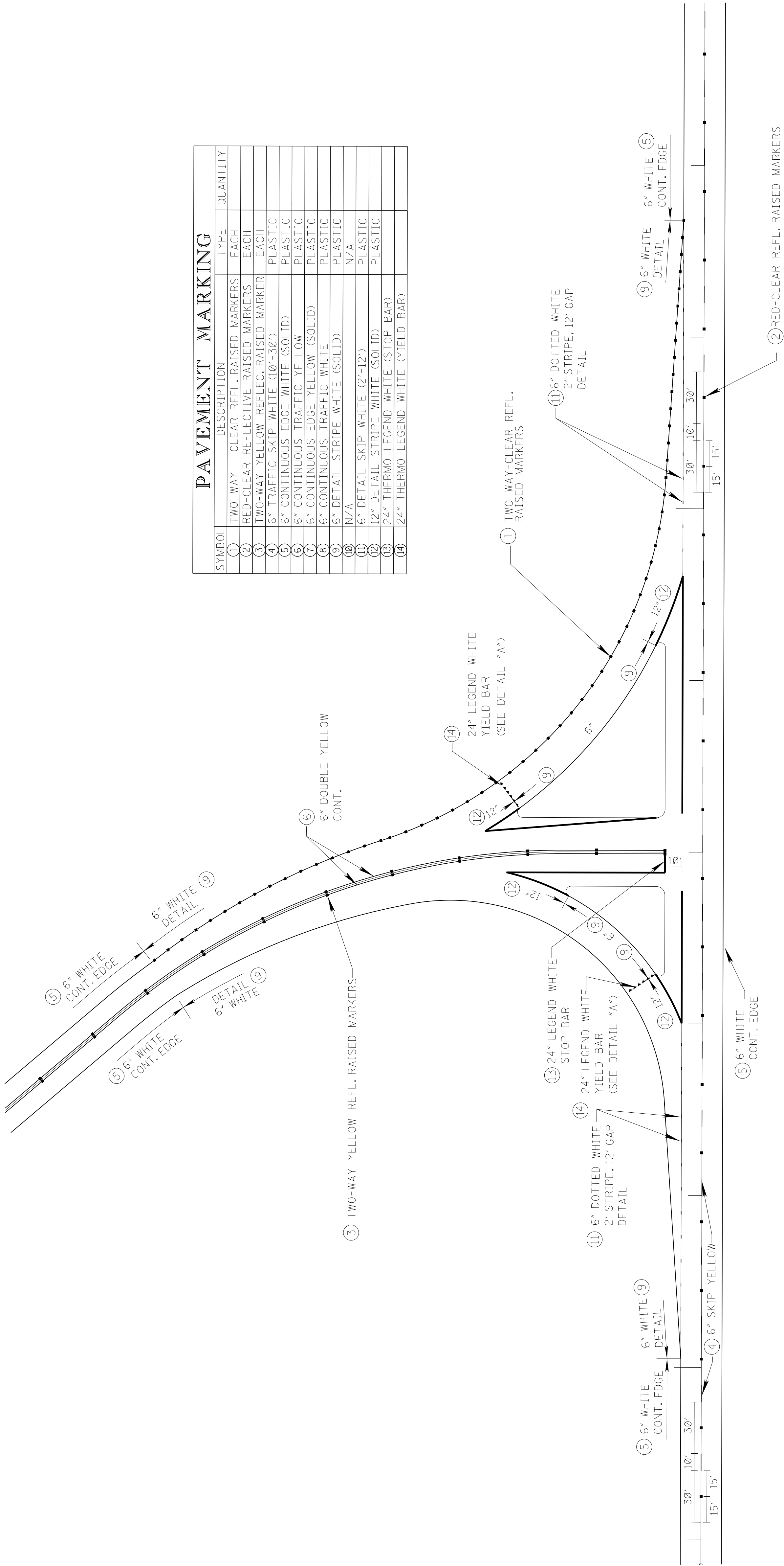
CHECKED BY:

DATE:



PAVEMENT MARKING

SYMBOL	DESCRIPTION	TYPE	QUANTITY
①	TWO WAY - CLEAR REFL. RAISED MARKERS	EACH	
②	RED-CLEAR REFLECTIVE RAISED MARKERS	EACH	
③	TWO-WAY YELLOW REFLC. RAISED MARKER	EACH	
④	6" TRAFFIC SKIP WHITE (10'-30')	PLASTIC	
⑤	6" CONTINUOUS EDGE WHITE (SOLID)	PLASTIC	
⑥	6" CONTINUOUS TRAFFIC YELLOW	PLASTIC	
⑦	6" CONTINUOUS EDGE YELLOW (SOLID)	PLASTIC	
⑧	6" CONTINUOUS TRAFFIC WHITE	PLASTIC	
⑨	6" DETAIL STRIPE WHITE (SOLID)	PLASTIC	
⑩	N/A	N/A	
⑪	6" DETAIL SKIP WHITE (2'-12')	PLASTIC	
⑫	12" DETAIL STRIPE WHITE (SOLID)	PLASTIC	
⑬	24" THERMO LEGEND WHITE (STOP BAR)	PLASTIC	
⑭	24" THERMO LEGEND WHITE (YIELD BAR)	PLASTIC	



DETAIL OF STRIPING

FMS CON: 307529/301000

PROJECT NO.: MP-7149-64(005)

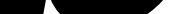
COUNTY: SIMPSON

DESIGNED BY:

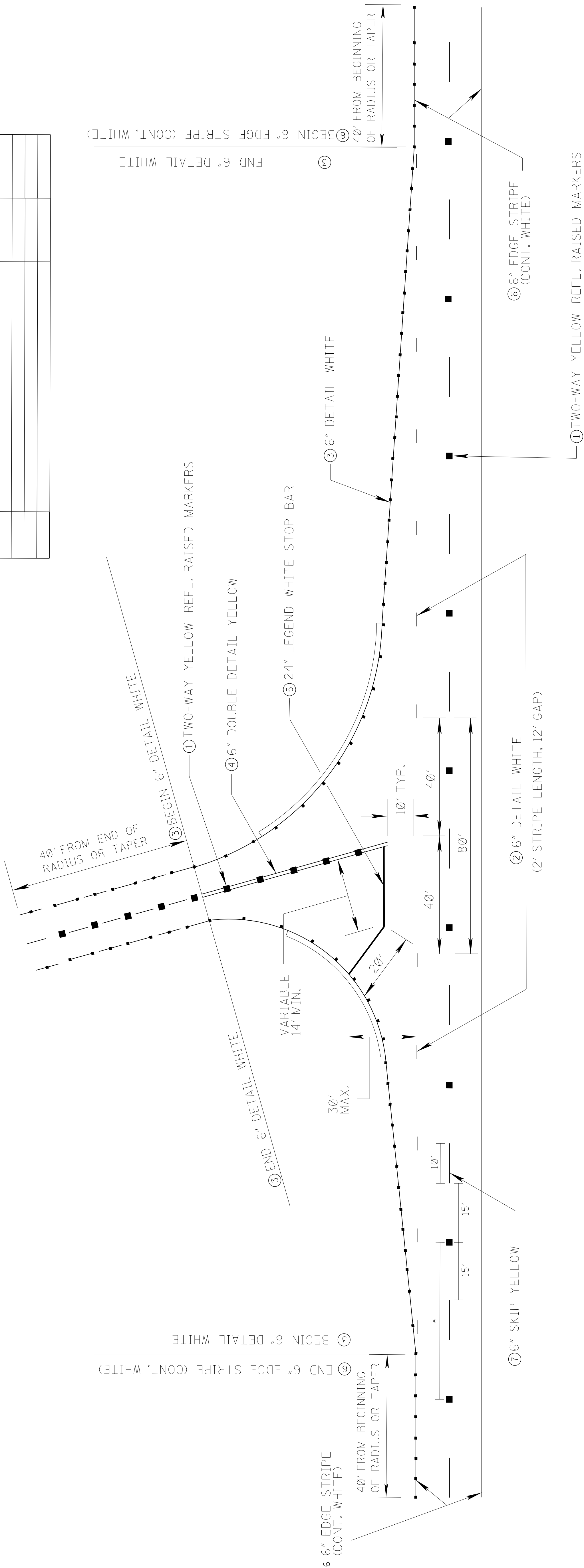
DETAILED BY:

CHECKED BY:

DATE:

The logo for the Mississippi Department of Transportation (MDOT) is located in the bottom right corner. It features the letters "MDOT" in a large, bold, sans-serif font. Above the letters, the words "MISSISSIPPI DEPARTMENT OF TRANSPORTATION" are written in a smaller, all-caps, sans-serif font, arranged in two lines.

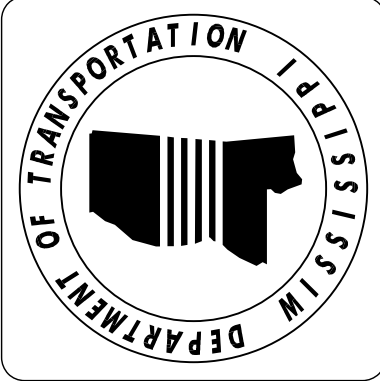
PAVEMENT MARKING

[illegible]

GENERAL NOTES:

* SPACING OF REFLECTIVE RAISED PAVEMENT MARKERS IS AS FOLLOWS:

	URBAN AREA (FT - IN)	RURAL AREA (FT - IN)
TANGENT SECTIONS	40' - 0"	80' - 0"
HORIZONTAL CURVES	40' - 0"	40' - 0"
INTERCHANGE LIMITS	40' - 0"	40' - 0"



DESIGNED BY:

Detailed By:

Checked By:

DATE:

FMS CON: 307529/301000

PROJECT NO.: MP-7149-64(005)

COUNTY: SIMPSON

TRAFFIC CONTROL DETAILS

DRUM PLACEMENT

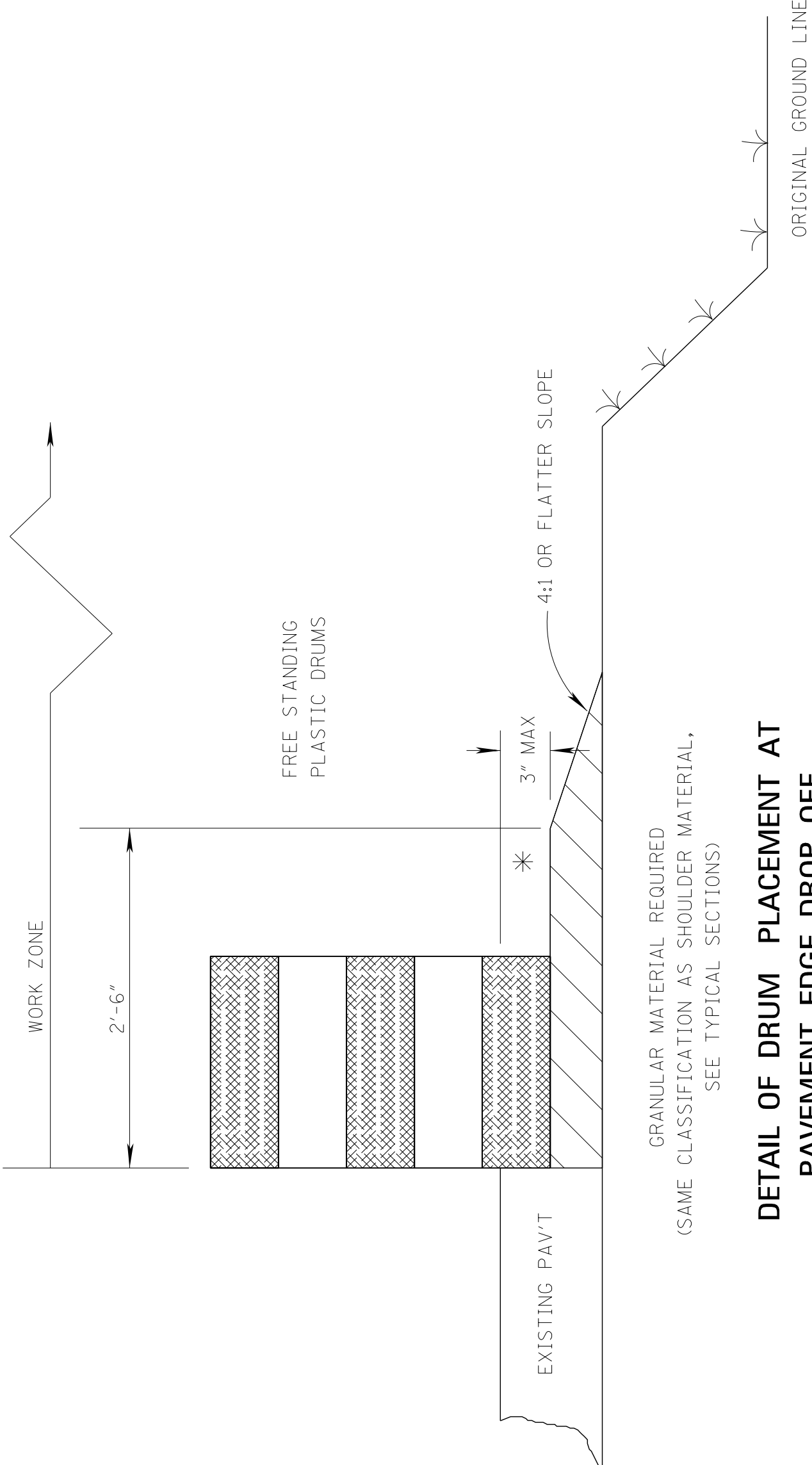
AND SHOULDER CLOSURE

WK. NO.

SDTCP-16

SHEET NO.

7



DETAIL OF DRUM PLACEMENT AT PAVEMENT EDGE DROP-OFF

NOTES:

- * A. PAVEMENT EDGE DROP-OFF
- 1. IF LESS THAN TWO AND ONE QUARTER (2.25) INCHES-NO PROTECTION REQUIRED. PLACE A SHOULDER WORK SIGN (W21-5) 500 FEET IN ADVANCE OF WORK ZONE SHOULDER AND A LOW SHOULDER SIGN (W8-9) AT THE BEGINNING AND THROUGHOUT THE WORK ZONE @ (1 MILE ±0.C.).
- OF 50 MILES PER HOUR OR GREATER. CONES MAY BE USED IN PLACE OF DRUMS, PANELS, AND BARRICADES DURING DAYLIGHT HOURS. FOR TANGENT SECTIONS WITH SPEEDS LESS THAN 50 MILES PER HOUR AND FOR CURVES, DEVICES SHOULD BE PLACED EVERY 50 FEET. SPACING FOR TAPERS SHOULD BE IN ACCORDANCE WITH THE M.U.T.C.D. (1 / 3 L, WHERE L IS THE TAPER LENGTH IN FEET.)
- 3. GREATER THAN THREE (3) INCHES-POSITIVE SEPARATION OR WEDGE WITH 4:1 OR FLATTER SLOPE NEEDED. IF THERE IS EIGHT (8) FEET OR MORE DISTANCE BETWEEN THE EDGE OF TRAVEL LANE AND DROP-OFF, THEN DRUMS, PANELS OR BARRICADES MAY BE USED.
- 4. FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN THREE (3) INCHES MAY BE PROTECTED WITH DRUMS, VERTICAL PANELS OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA.
- 5. LESSER TREATMENTS THAN THOSE DESCRIBED ABOVE MAY BE CONSIDERED FOR LOW-VOLUME LOCAL STREETS.

B. DRUM SPACING

- 1. TANGENTS = $2 \times S$
- 2. TAPERS = $L / 3$
- WHERE $L = S \times W$
- L = TAPER LENGTH IN FEET
- S = SPEED IN MPH (POSTED OR 85 PERCENTILE)
- W = WIDTH OF OFFSET IN FEET

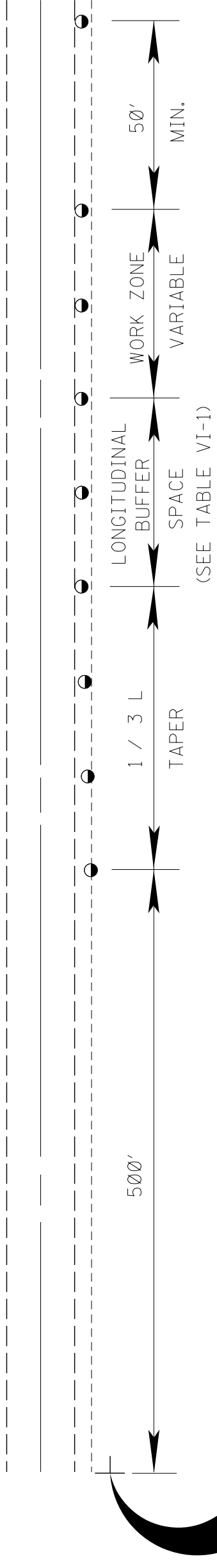
C. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC.

TABLE VI-1. GUIDELINES FOR LENGTH OF LONGITUDINAL BUFFER SPACE

* SPEED (MPH)	LENGTH (FEET)
20	35
25	55
30	65
35	120
40	170
45	220
50	280
55	335
60	415
65	485

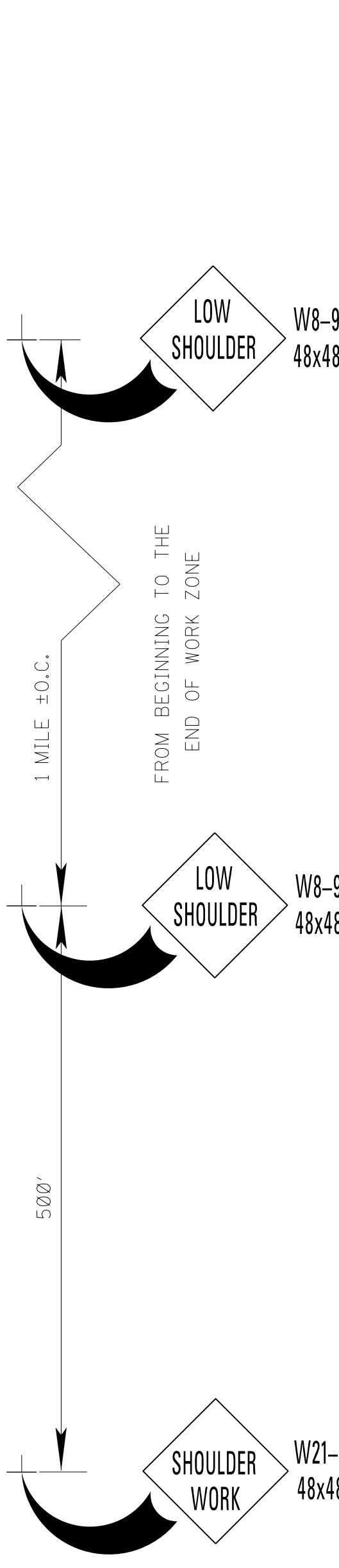
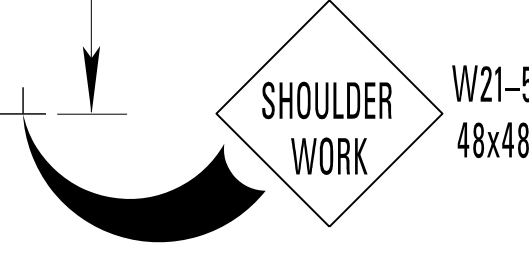
* POSTED SPEED, OFF-PEAK 85 PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN MPH.

PLASTIC DRUMS
(SEE NOTE FOR SPACING)



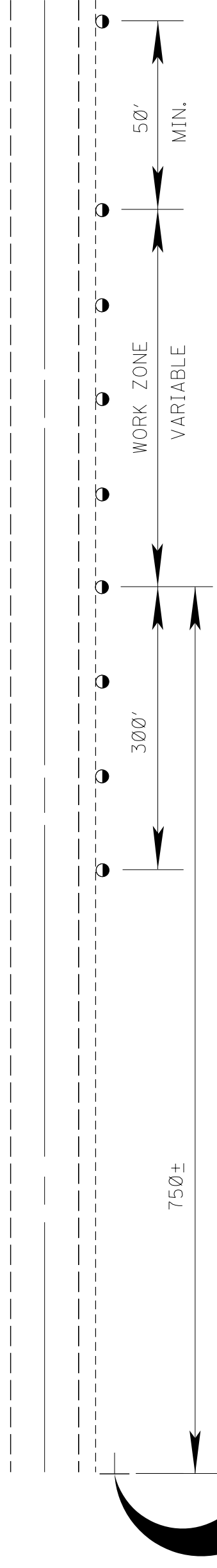
TYPICAL SHOULDER CLOSURE

- (1) TO BE USED WITH EIGHT (8) FOOT OR GREATER WIDTH IMPROVED SHOULDER.
- (2) TO BE USED WHEN CONSTRUCTION VEHICLES (EQUIPMENT) ENCROACHES ON OR WITHIN TWO (2) FEET OF THE SHOULDER BREAK.



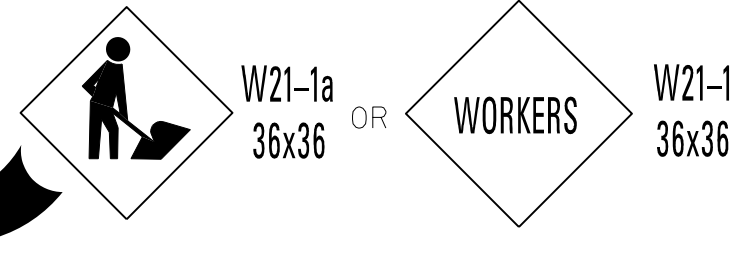
TYPICAL SHOULDER WORK #1
(SEE NOTE A-1 THIS SHEET)

PLASTIC DRUMS
(SEE NOTE FOR SPACING)



TYPICAL SHOULDER WORK #2

NOTE:
WORK OUTSIDE TWO (2) FOOT AND WITHIN TEN (10) FEET OF THE SHOULDER BREAK MAY BE PROTECTED BY PLACING DRUMS ALONG THE SHOULDER EDGE, 300 FEET PRIOR TO AND 50 FEET BEYOND THE WORK AREA, OR SEE NOTE A-3 THIS SHEET.



DETAIL FOR CURB AND ISLAND STRIPING

WK. NO. **DCIS-1**
SHEET NO. **8**

FMS CON: N/A/N/A

PROJECT NO.: N/A

COUNTY: N/A

DESIGNED BY: N/A

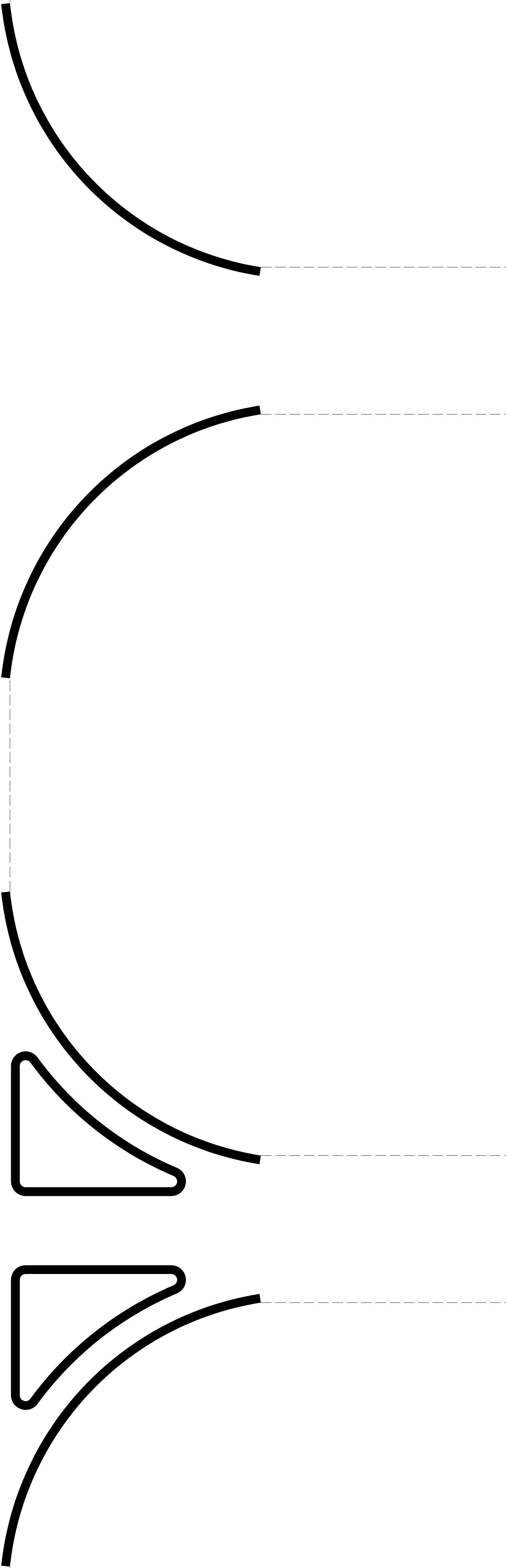
DETAILED BY: N/A

CHECKED BY: N/A

DATE: N/A



*** ALL ASPHALT AND CONCRETE CURBS ALONG RAMPS, LOCAL ROADS, ETC. FROM B.O.P. TO E.O.P. SHALL BE PAINTED (TWO APPLICATIONS) WITH WHITE TRAFFIC PAINT AND TRAFFIC BEADS; COST TO BE ABSORBED IN OTHER PAY ITEMS.



PRELIMINARY
NOT FOR
CONSTRUCTION

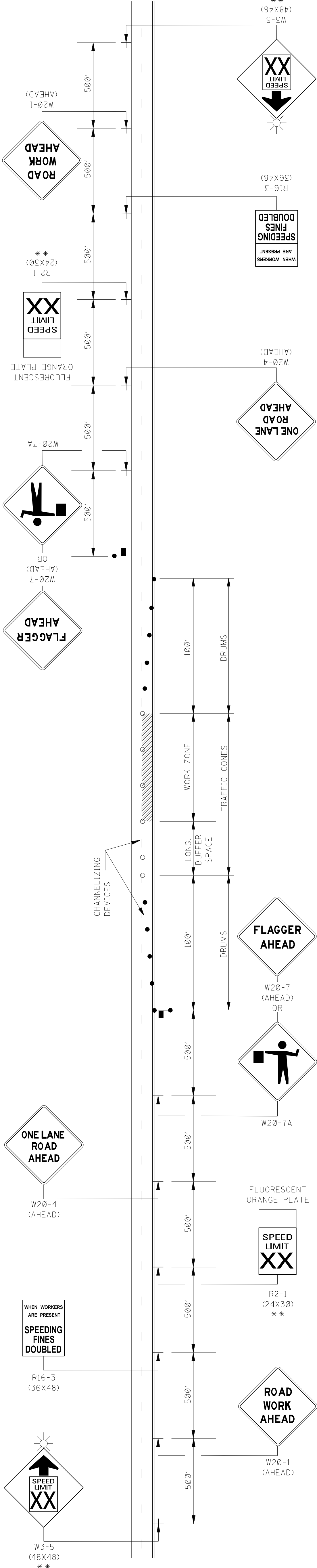


MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY:	
DETAILED BY:	
CHECKED BY:	
DATE:	
FMS CON: 307529/301000	COUNTY: SIMPSON
PROJECT NO.: MP-7149-64(005)	

TRAFFIC CONTROL PLAN WITH FLAGGER
(ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)

WK. NO. SDTCP-1
SHEET NO. 9



- LEGEND
- FLAGGER
 - RETROREFLECTIVE FREE-STANDING PLASTIC DRUMS
 - TRAFFIC CONES (28" HEIGHT MINIMUM)
 - THE SPEED ON R2-1 AND W3-5 SIGNS SHALL BE 10 MPH LESS THAN THE POSTED SPEED LIMIT UNLESS OTHERWISE DIRECTED BY COMMISSION ORDER.

DISTANCE BETWEEN SIGNS			
ROAD TYPE	A	B	C
URBAN (35 MPH OR LESS)	100 FT.	100 FT.	100 FT.
URBAN (40 - 70 MPH)	350 FT.	350 FT.	350 FT.
RURAL	500 FT.	500 FT.	500 FT.
EXPRESSWAY / FREEWAY	1000 FT.	1500 FT.	2640 FT.

GENERAL NOTES:

- THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE. FLAGGER STATIONS SHALL BE LOCATED SUCH THAT APPROACHING VEHICLES WILL HAVE SUFFICIENT DISTANCE TO STOP. VALUES IN STOPPING SIGHT DISTANCE COLUMN MAY BE USED AS A MINIMUM FOR THIS DISTANCE.
- ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 28" IN HEIGHT.
- DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 36" x 36" AND BLACK COPY ON FLUORESCENT ORANGE SHEETING.
- WHEN WORK ZONE IS NO LONGER NEEDED, ALL SIGNS SHALL BE COVERED OR REMOVED AND ALL CHANNELIZING DEVICES SHALL BE MOVED TO THE SHOULDER EDGE.
- ADDITIONAL FLAGGERS MAY BE NEEDED AS DIRECTED BY THE ENGINEER.
- WHEN WORK IS REQUIRED AT NIGHT, FLAGGER STATIONS SHALL BE ILLUMINATED.
- CHANNELIZING DEVICE TYPES FOR:
 - APPROACH AND EXIT TAPERS- RETROREFLECTIVE PLASTIC DRUMS
 - ALONG LANE LINE AND WORK ZONE- TRAFFIC CONES (28" HEIGHT)
- ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICE SPACING (ft)		LONGITUDINAL BUFFER SPACE (ft) [†]	STOPPING SIGHT DISTANCE
	TAPER	ALONG LANE LINE & WORK ZONE		
mph				
25	20	50	55	155
30	20	60	85	200
35	20	70	120	250
40	20	80	170	305
45	20	90	220	360
50	20	100	280	425
55	20	110	335	495
60	20	120	415	570
65	20	130	485	645

[†] NOTE: BUFFER SPACE MAY BE ADJUSTED AS NEEDED ACCORDING TO ROADWAY GEOMETRY TO MEET SIGHT DISTANCE REQUIREMENTS, AS DIRECTED BY THE ENGINEER.

Overlay approximately 11 miles of SR 149 from Mendenhall to north of Braxton, known as State Project No. MP-7149-64(005) / 307529301 in Simpson County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	304-A008	(GY)	1,783	Cubic Yard	Granular Material, LVM, Class 6, Group D
0020	403-A014	(BA1)	15,063	Ton	9.5-mm, MT, Asphalt Pavement
0030	406-D001		15,659	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0040	407-A001	(A2)	27,392	Gallon	Asphalt for Tack Coat
0042	423-A001		19	Mile	Rumble Strips, Ground In
0050	618-A001		1	Lump Sum	Maintenance of Traffic
0060	618-B001		1	Square Feet	Additional Construction Signs [\$10.00]
0070	619-A1001		39	Mile	Temporary Traffic Stripe, Continuous White
0080	619-A2001		27	Mile	Temporary Traffic Stripe, Continuous Yellow
0090	619-A4002		9	Mile	Temporary Traffic Stripe, Skip Yellow
0100	619-A5001		29,014	Linear Feet	Temporary Traffic Stripe, Detail
0110	619-A6002		10,932	Linear Feet	Temporary Traffic Stripe, Legend
0120	620-A001		1	Lump Sum	Mobilization
0130	626-C002		19	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0140	626-D001		5	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow
0150	626-E001		13	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0160	626-G001		246	Linear Feet	Thermoplastic Detail Stripe, Blue-ADA
0170	626-G002		10,131	Linear Feet	Thermoplastic Detail Stripe, White
0180	626-G003		9,636	Linear Feet	Thermoplastic Detail Stripe, Yellow
0190	626-H005		5,466	Linear Feet	Thermoplastic Legend, White
0200	627-J001		1,174	Each	Two-Way Clear Reflective High Performance Raised Markers
0210	627-K001		166	Each	Red-Clear Reflective High Performance Raised Markers
0220	627-L001		1,182	Each	Two-Way Yellow Reflective High Performance Raised Markers
0230	907-411-A001	(BA1)	3,529	Ton	Ultra Thin Asphalt Pavement
0240	907-619-B001		132	Linear Feet	Temporary Portable Rumble Strips
0250	907-626-H001		2	Each	Thermoplastic Legend, Blue-ADA Handicap Symbol

NOTE: THE ANTICIPATED WORKING DAYS SHOWN ON THIS SCHEDULE ARE FOR INFORMATIONAL PURPOSES ONLY. THE ACTUAL WORKING DAY TOTAL AS ASSESSED BY THE PROJECT ENGINEER ON FORM CSD-765 SHALL GOVERN.