



SM No. CMP7000001891

PROPOSAL AND CONTRACT DOCUMENTS

FOR THE CONSTRUCTION OF

18

Raised Pavement Markers on various routes in District Seven (7), known as State Project No. MP-7000-00(189) / 306154301 Districtwide.

Project Completion: 10/27/2017

(STATE DELEGATED)

NOTICE

**BIDDERS MUST PURCHASE A BID PROPOSAL FROM
MDOT CONTRACT ADMINISTRATION DIVISION TO BID
THIS PROJECT.**

Electronic addendum updates will be posted on www.gomdot.com

SECTION 900

OF THE CURRENT

2017 STANDARD SPECIFICATIONS

FOR ROAD AND BRIDGE CONSTRUCTION

JACKSON, MISSISSIPPI

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET
OF SECTION 905 AS ADDENDA)

04/26/2017 06:17 AM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 901 - ADVERTISEMENT

Electronic bids will be received by the Mississippi Transportation Commission at 10:00 o'clock A.M., Tuesday, May 23, 2017, from the Bid Express Service and shortly thereafter publicly read on the Sixth Floor for:

Raised Pavement Markers on various routes in District Seven (7), known as State Project No. MP-7000-00(189) / 306154301 Districtwide.

The attention of bidders is directed to the predetermined minimum wage rate set by the U. S. Department of Labor under the Fair Labor Standards Act.

The Mississippi Department of Transportation hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, age, disability, religion or national origin in consideration for an award.

The specifications are on file in the offices of the Mississippi Department of Transportation.

Bid proposals must be purchased online at <https://shopmdot.ms.gov>. Specimen proposals may be viewed and downloaded online at no cost at <http://mdot.ms.gov> or purchased online. Proposals are available at a cost of Ten Dollars (\$10.00) per proposal plus a small convenience fee. Cash or checks will not be accepted as payment.

Bid bond, signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent, with Power of Attorney attached, a Cashier's check or Certified Check for five (5%) percent of bid, payable to STATE OF MISSISSIPPI, must accompany each proposal.

The attention of bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

MELINDA L. MCGRATH
EXECUTIVE DIRECTOR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1

CODE: (IS)

DATE: 03/01/2017

SUBJECT: Governing Specifications

The current (2017) Edition of the Standard Specifications for Road and Bridge Construction adopted by the Mississippi Transportation Commission is made a part hereof fully and completely as if it were attached hereto, except where superseded by special provisions, or amended by revisions of the Specifications contained within this proposal. Copies of the specification book may be purchased from the MDOT Construction Division, or online at shopmdot/default.aspx?StoreIndex=1.

A reference in any contract document to controlling requirements in another portion of the contract documents shall be understood to apply equally to any revision or amendment thereof included in the contract.

In the event the plans or proposal contain references to the 2004 Edition of the Standard Specifications for Road and Bridge Construction, it is to be understood that such references shall mean the comparable provisions of the 2017 Edition of the Standard Specifications.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 9

CODE: (IS)

DATE: 03/01/2017

SUBJECT: Federal Bridge Formula

Bidders are hereby advised that the latest revision of Federal Highway Administration Publication No. FHWA-HOP-06-105, **BRIDGE FORMULA WEIGHTS**, dated August 2006, is made a part of this contract when applicable.

Prior to the preconstruction conference, the Contractor shall advise the Engineer, in writing, what materials, if any, will be delivered to the jobsite via Interstate route(s).

Copies of the **BRIDGE FORMULA WEIGHTS** publication may be obtained by contacting:

Federal Highway Administration
400 7th Street, SW
Washington, DC 20590
(202) 366-2212

or

http://www.ops.fhwa.dot.gov/Freight/publications/brdg_frm_wgths/bridge_formula_all_rev.pdf

An on line **BRIDGE FORMULA WEIGHTS CALCULATOR** is available at

http://ops.fhwa.dot.gov/freight/sw/brdgcalc/calc_page.htm

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 12

CODE: (IS)

DATE: 03/01/2017

SUBJECT: MASH Compliant Devices

Bidders are hereby advised that the Standard Specifications may require certain traffic control and permanent safety hardware devices to meet the requirements of the Manual for Assessing Safety Hardware (MASH). However, devices meeting the requirements of NCHRP Report 350 will be allowed until the mandatory effective date for MASH compliance. The following table shows the effective dates for MASH compliant devices.

Device	Effective Date for MASH Compliance
W-beam barriers, cast-in-place concrete barriers	December 31, 2017
W-beam terminals	June 30, 2018
Cable barriers, cable barrier terminals, crash cushions	December 31, 2018
Bridge rails, transitions, all other longitudinal barriers including portable barriers installed permanently, all other terminals, sign supports, all other breakaway hardware	December 31, 2019

Temporary work zone devices, including portable barriers manufactured after December 31, 2019, must have been successfully tested to the 2016 Edition of MASH. Such devices manufactured on or before this date and successfully tested to NCHRP Report 350 or the 2009 Edition of MASH may continue to be used throughout their normal service lives.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 – NOTICE TO BIDDERS NO. 16

CODE: (SP)

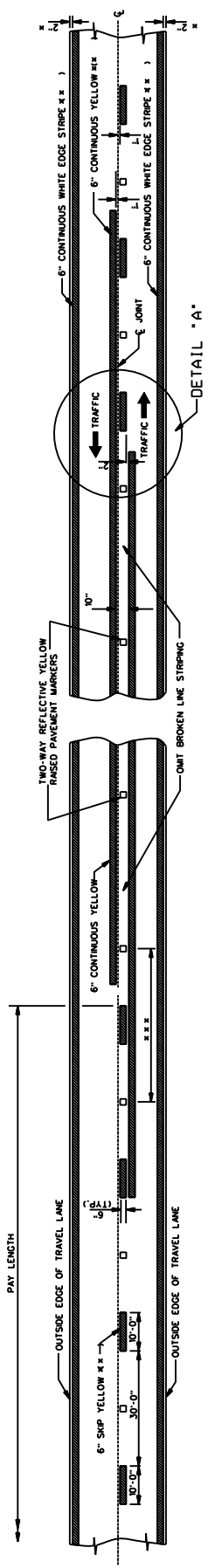
DATE: 03/01/2017

SUBJECT: Standard Drawings

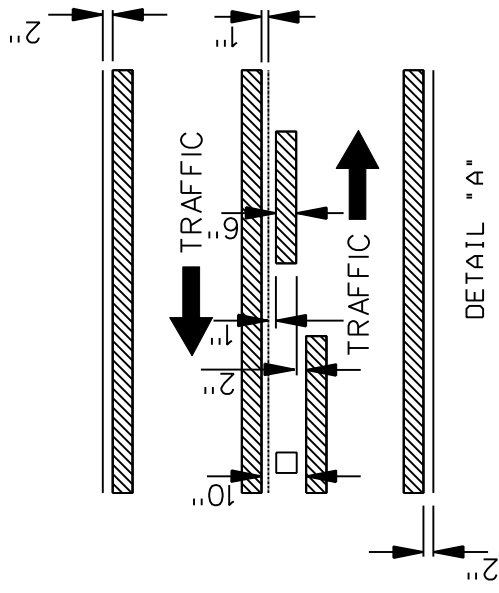
Standard Drawings attached hereto shall govern appropriate items of required work.

Larger copies of Standard Drawings may be purchased from:

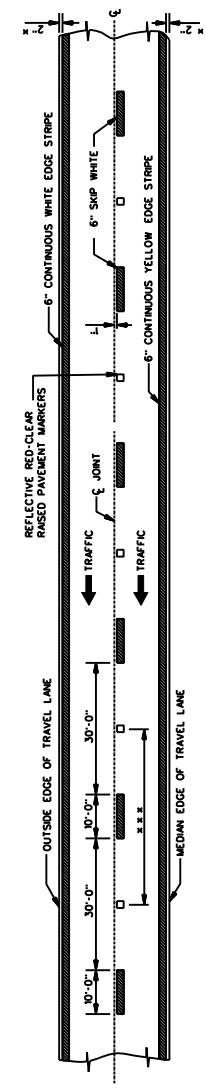
MDOT Plans Print Shop
MDOT Shop Complex, Building C, Room 114
2567 North West Street
P.O. Box 1850
Jackson, MS 39215-1850
Telephone: (601) 359-7460
or FAX: (601) 359-7461
or e-mail: plans@mdot.state.ms.us



TWO-WAY TRAFFIC
(ASPHALT OR CONCRETE PAVEMENT)



DETAIL "A"



4-LANE WITH ONE-WAY TRAFFIC

DIRECTION OF TRAFFIC

GENERAL NOTES:

- * 1. 2" UNLESS SHOWN ELSEWHERE ON THE PLANS.
- ** 2. EDGE STRIPE SHALL BE SAME MATERIAL AS LANE-LINE STRIPE (PAINT OR PLASTIC AS INDICATED IN PAY ITEMS).
- *** 3. SPACING OF REFLECTIVE RAISED PAVEMENT MARKERS IS AS FOLLOWS:

TANGENT SECTIONS	URBAN AREA (U/Lin)	RURAL AREA (U/Lin)
HORIZONTAL CURVES	40'-0"	80'-0"
INTERCHANGE LIMITS	40'-0"	40'-0"
	40'-0"	140'-0"

NOTE: ON THE MAIN FACILITY, REFLECTIVE RED-CLEAR RAISED PAVEMENT MARKERS ON A 40'-0" SPACING WILL BE REQUIRED ON LANE-LINE(S) THROUGH ALL INTERCHANGE AREAS BEGINNING 1000' IN ADVANCE (IN DIRECTION OF TRAFFIC) OF THE EXIT RAMP AND ENDING 1000' FROM THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.

4. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE REFLECTIVE RAISED PAVEMENT MARKERS AS LISTED IN THE MOOT "APPROVED SOURCES OF MATERIALS."

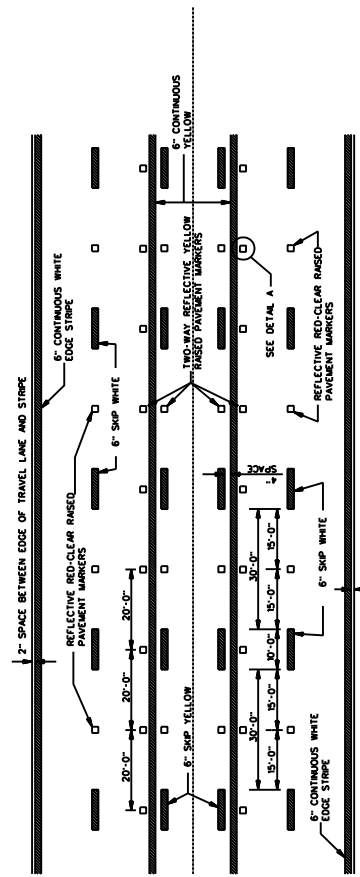
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

PAVEMENT MARKING
DETAILS FOR
2-LANE AND 4-LANE
DIVIDED HIGHWAYS

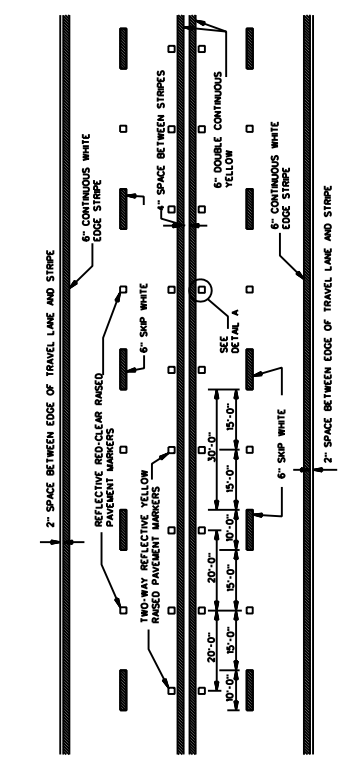
WORK NUMBER: PM-1
SHEET NUMBER: 100

ISSUE DATE: OCTOBER 1, 1998

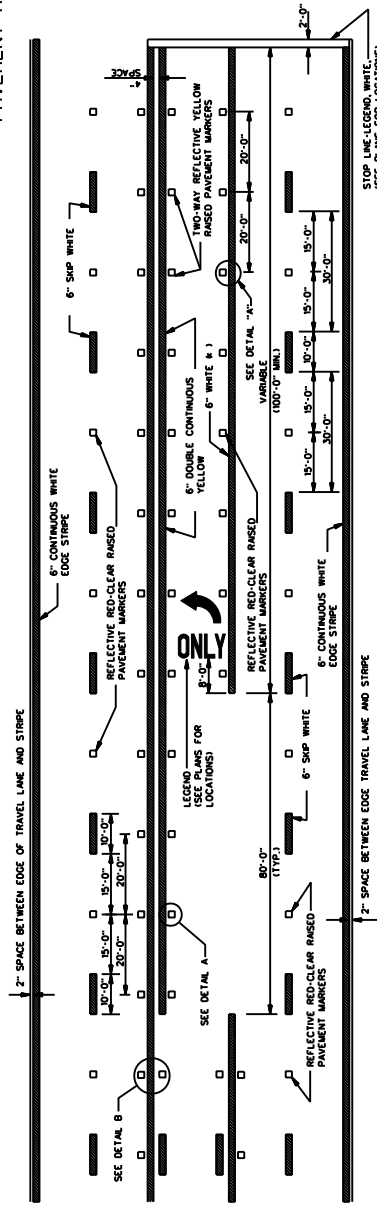
STATE	PROJECT NO.
MISS.	



TYPICAL STRIPING AND RAISED PAVEMENT MARKERS FOR 5-LANE SECTION



TYPICAL STRIPING AND RAISED PAVEMENT MARKERS FOR 4-LANE SECTION



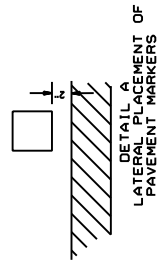
TYPICAL STRIPING AND RAISED PAVEMENT MARKERS AT LEFT TURN LANES

*NOTE: USE DETAIL STRIPING IF LENGTH < 150' AT THIS LOCATION, OTHERWISE USE CONTINUOUS STRIPING.



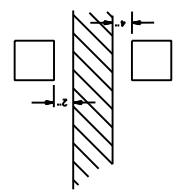
TYPICAL TWO-WAY ARROW INSTALLATION

- NOTES: 1. CONSIDER EACH SEGMENT OF CONTINUOUS TWO-WAY LEFT TURN LANE SEPARATELY.
- 2. IF SEGMENT IS LESS THAN 300', PLACE ONE SET OF ARROWS IN CENTER OF SEGMENT.
- 3. IF SEGMENT IS GREATER THAN 300', PLACE FIRST SET OF ARROWS 50' TO 100' FROM BEGINNING AND/OR END OF SEGMENT AND SPACE ADDITIONAL SETS OF ARROWS (250' O.C.).



DETAIL A
LATERAL PLACEMENT OF PAVEMENT MARKERS

GENERAL NOTE:
1. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE RAISED PAVEMENT MARKERS AS LISTED IN THE MOOT-APPROVED SOURCE OF MATERIALS.

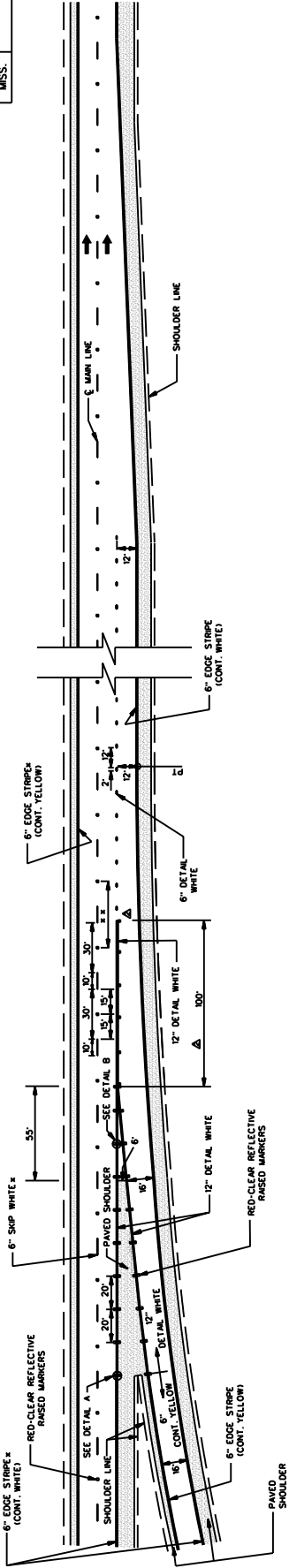


DETAIL B
LATERAL PLACEMENT OF PAVEMENT MARKERS

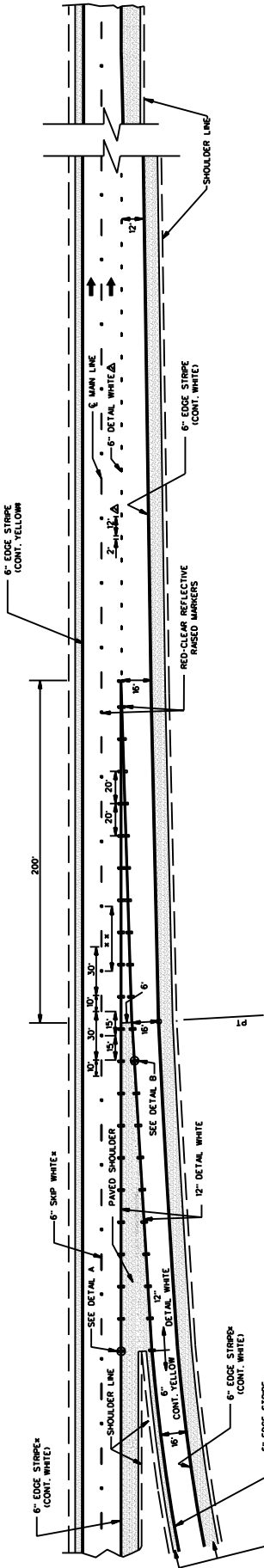
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
PAVEMENT MARKING	
DETAILS FOR	
4-LANE AND 5-LANE	
UNDIVIDED ROADWAYS	
DATE	03/20/16
FILENAME	SDPM-2.DGN
DESIGNER	CH2M
CHECKER	
DATE	

NUMBER FOR SDPM-2 SHEET NUMBER

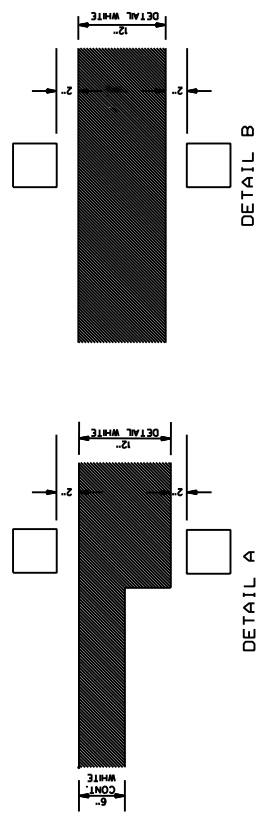
STATE	PROJECT NO.
MISS.	



PARALLEL ENTRANCE RAMP



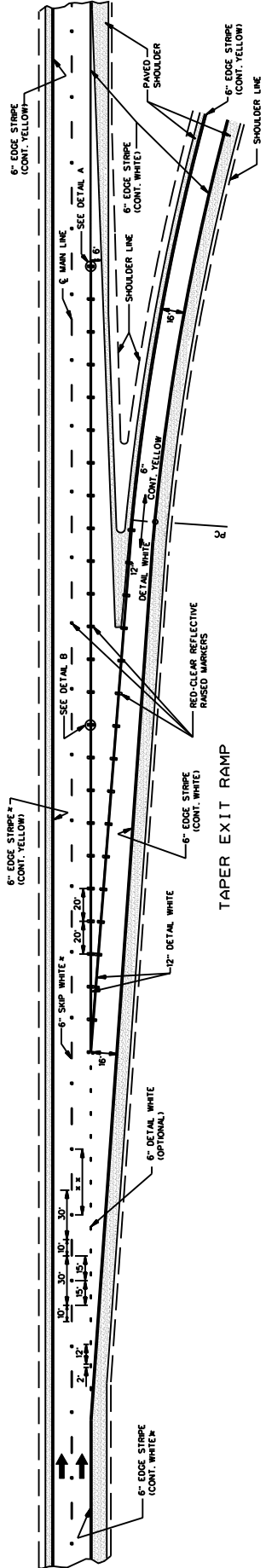
TAPER ENTRANCE RAMP



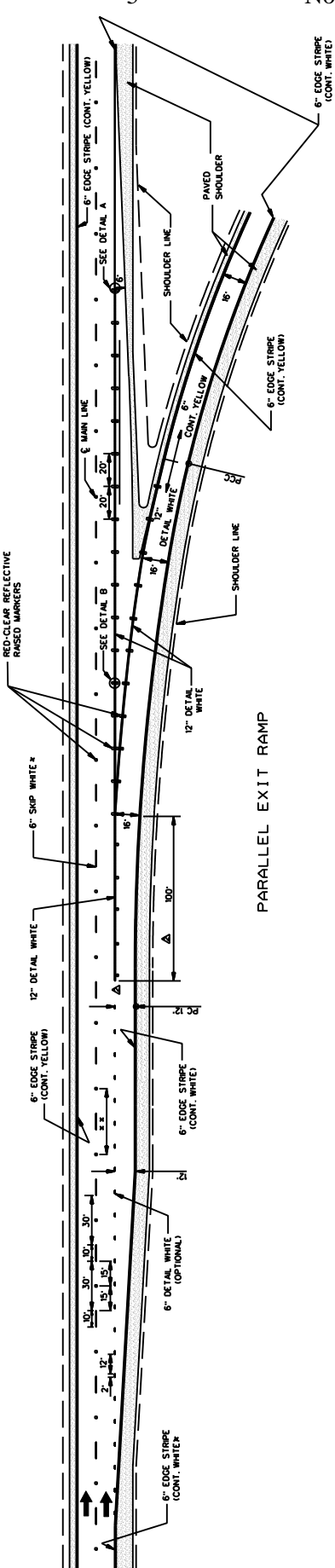
- GENERAL NOTES:
- * 1. SEE SHEET PM-1 FOR THE PLACEMENT OF LANE-LINE STRIPES AND RED-CLEAR REFLECTIVE RAISED MARKERS. THE PLACEMENT OF THE EDGE LINE WITH RESPECT TO THE OUTSIDE EDGE OF THE TRAVELED WAY.
 - * 2. ON THE MAIN FACILITY, PLACE REFLECTIVE RED-CLEAR RAISED PAVEMENT MARKERS AT A 40' SPACING ON ALL LANE-LINES THROUGHOUT THE INTERCHANGE AREA BEGINNING 300' IN THE MAIN FACILITY FROM THE INTERCHANGE TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.
 - 3. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE REFLECTIVE RAISED PAVEMENT MARKERS AS LISTED IN THE MOOT "APPROVED SOURCES OF MATERIALS."

MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION			WORKING NUMBER SDPM-3 SHEET NUMBER
PAVEMENT MARKING DETAILS FOR INTERCHANGE RAMP (PARALLEL AND TAPER)			

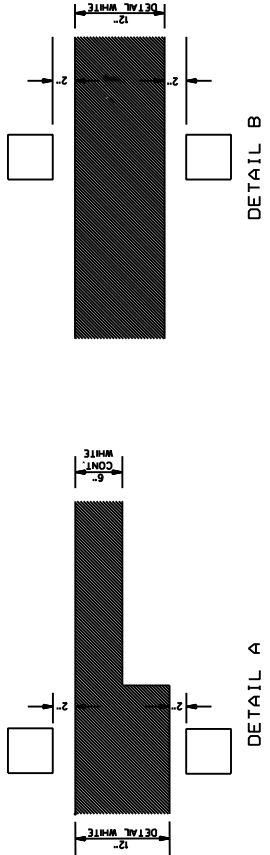
STATE	PROJECT NO.
MISS.	



TAPER EXIT RAMP



PARALLEL EXIT RAMP



- GENERAL NOTES:
- SEE SHEET PM-1 FOR THE PLACEMENT OF LINE-LINE STRIPE WITH RESPECT TO THE PAVEMENT JOINT AND FOR THE PLACEMENT OF THE EDGE LINE WITH RESPECT TO THE OUTSIDE EDGE OF THE TRAVELED WAY.
 - ON THE MAINLINE, PLACE REFLECTIVE RED-CLEAR BASED PAVEMENT MARKERS AT 100' INTERVALS THROUGHOUT THE INTERCHANGE AREA BEGINNING 1000' IN ADVANCE IN DIRECTION OF TRAFFIC OF THE EXIT RAMP TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.
 - PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE REFLECTIVE PAVEMENT MARKERS AS SHOWN IN THE MOOT "APPROVED SOURCES OF MATERIALS."

DATE	BY
10/1/99	SDPM-41
REVISION	
8/17/99	UPDATE TO 2009 M/C/D
5/1/99	REVISOR STRIKE WIDTH
5/1/99	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

PAVEMENT MARKING
DETAILS FOR
INTERCHANGE
EXIT RAMP
(PARALLEL AND TAPER)

ISSUE DATE: OCTOBER 1, 1998
SHEET NUMBER

STATE PROJECT NO.					
MISS.					

THRU ARROW

TURN ARROW

COMBINATION ARROW

1-WAY ARROW

GENERAL NOTES:

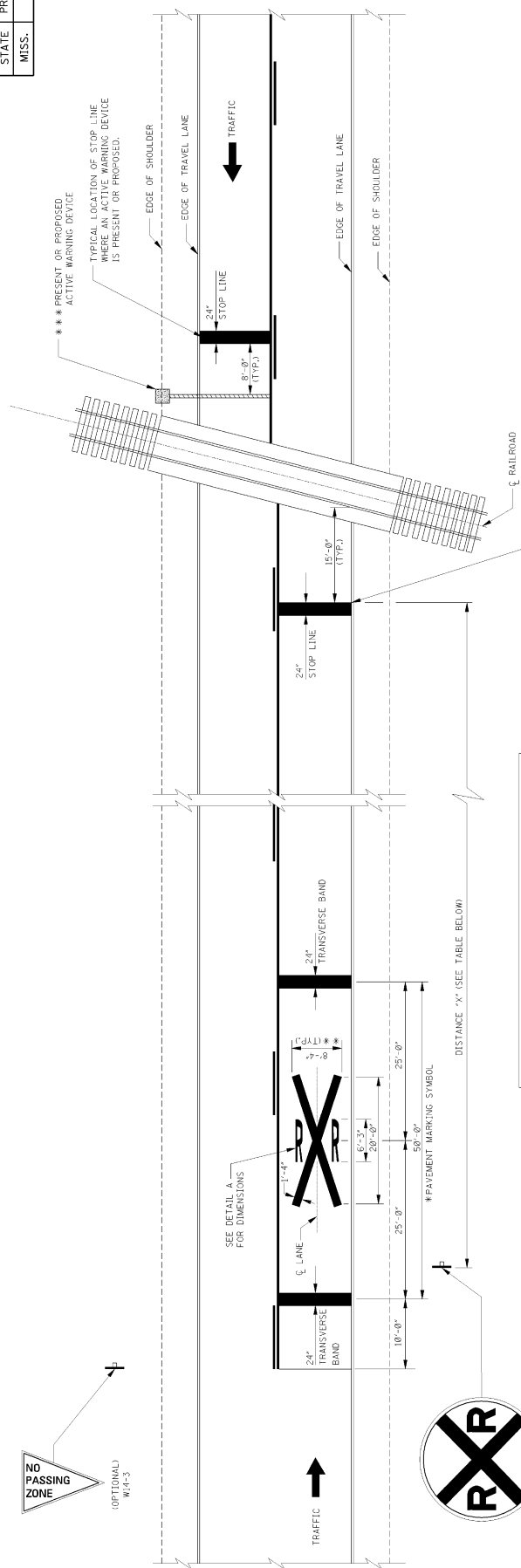
- UNLESS OTHERWISE SHOWN ON THE PLANS, ALL PAVEMENT MARKING SHALL BE APPLIED USING HIGH PERFORMANCE MATERIALS.
- TWO HORIZONTAL GAPS CAUSED BY TEMPLATE CONNECTORS OF 1/2" OR LESS AND EXTENDING THE FULL WIDTH ARE PERMITTED IN EACH LETTER.
- FOR OTHER DETAILS, SEE THE MANUAL ON UNIFORM PAVEMENT MARKING LEGENDS.
- PAY QUANTITIES FOR PAVEMENT MARKING LEGENDS ARE AS FOLLOWS:

PAY QUANTITIES	
LEGEND/SYMBOL	AREA (ft ²)
ONLY	22.0
TURN ARROW	18.4
COMBINATION ARROW	27.5
1-WAY ARROW	24.3

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

**PAVEMENT MARKING
LEGEND DETAILS**

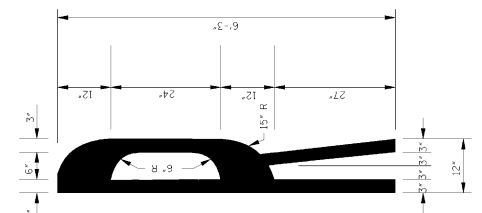
DATE	REVISION	BY	ISSUE DATE:	OCTOBER 1, 1998	SHEET NUMBER	125



ADVANCE WARNING SIGN PLACEMENT DISTANCE

POSTED SPEED (mph)	DISTANCE "X" (FT)	
	RURAL	URBAN
20	175	100
25	250	100
30	325	100
35	400	150
40	475	225
45	550	300
50	625	375
55	700	450
60	775	550

NOTES:
 ① DISTANCE "X" MAY BE ADJUSTED, IF PROHIBITIVE PHYSICAL CONDITIONS EXIST AT THE DESIGNATED DISTANCE.
 ② THESE DISTANCES MAY BE ADJUSTED TO A MINIMUM OF 100 IN. FOR BUSINESS OR BUSINESS DISTRICTS WHERE LOW SPEEDS ARE PREVALENT.



DETAIL A
STANDARD "R" PAVEMENT MARKING
FOR R X R SYMBOL



W10-1

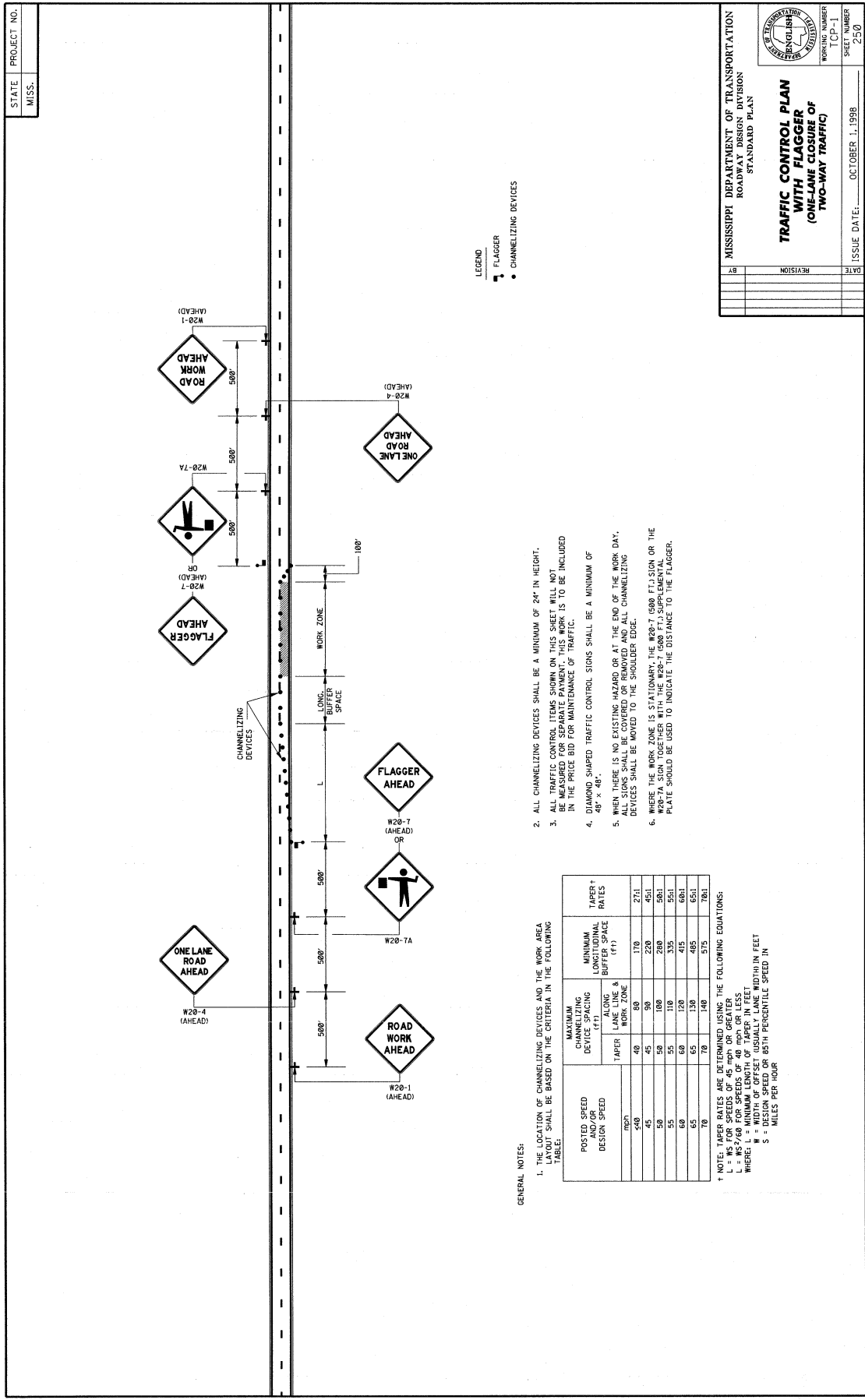
GENERAL NOTES:
 * 1. A PORTION OF THE PAVEMENT MARKING SYMBOL SHOULD BE DIRECTLY OPPOSITE THE ADVANCE WARNING SIGN (W10-1).
 * 2. WIDTH OF R X R SYMBOL MAY VARY ACCORDING TO LANE WIDTH. HOWEVER, ON MULTI-LANE ROADS, THE TRANSVERSE BANDS AND STOP LINE SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.
 Δ 3. R X R SYMBOL (63.0 #42), TRANSVERSE BANDS AND STOP LINE SHALL BE PAID FOR AS LEGEND, WHITE (PLASTIC), MATERIAL OPTIONAL FOR OTHER AGENCIES.
 * * * 4. REFER TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" FOR LOCATION OF PROPOSED WARNING DEVICES AT RAILROAD-HIGHWAY GRADE CROSSINGS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

TYPICAL PLACEMENT OF WARNING SIGNS AND PAVEMENT MARKINGS AT RAILROAD HIGHWAY CROSSINGS

WORKSHEET NO. 10
SHEET NUMBER 12 OF 18
ISSUE DATE: OCTOBER 11, 1998

DATE	REVISION
10-18-80	REVISE NOTE

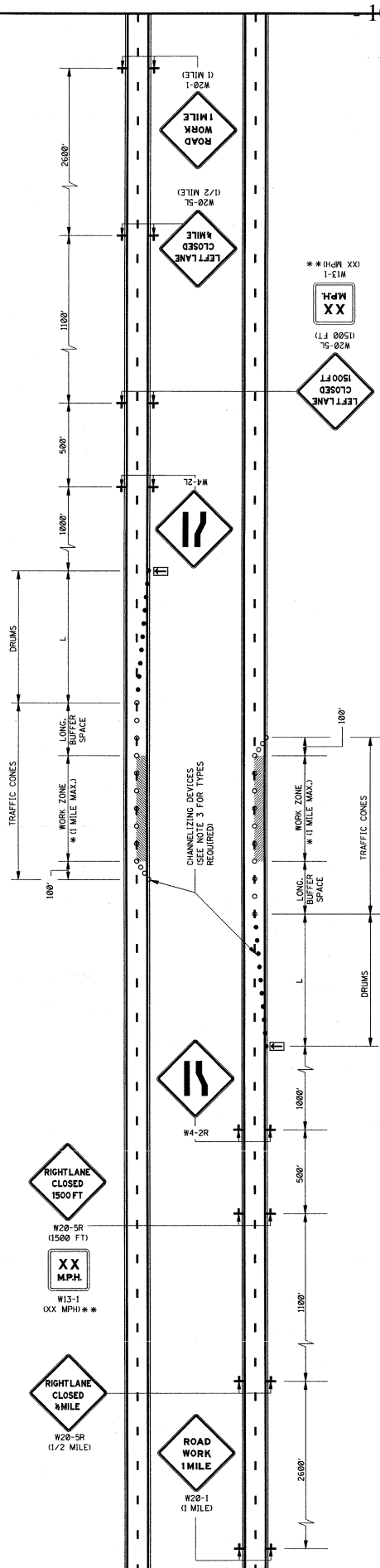


MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 ROADWAY DESIGN DIVISION
 STANDARD PLAN

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

WORKING NUMBER: TCP-1
 SHEET NUMBER: 250
 ISSUE DATE: OCTOBER 1, 1998

DATE	REVISION	BY



GENERAL NOTES:

1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:

POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICE SPACING (FT)		MINIMUM LONGITUDINAL BUFFER SPACE (ft)	TAPER + TAPER RATES
	ALONG LANE LINE & TAPER	WORK ZONE		
40	40	80	170	27:1
45	45	90	220	45:1
50	50	100	280	50:1
55	55	110	335	55:1
60	60	120	415	60:1
65	65	130	485	65:1
70	70	140	575	70:1

† NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
 $L = WS$ FOR SPEEDS OF 45 MPH OR GREATER
 $L = WS^2$ FOR SPEEDS OF 40 MPH OR LESS
 WHERE L = MINIMUM LENGTH OF TAPER IN FEET
 W = WIDTH OF OFFSET USUALLY LANE WIDTH IN FEET
 S = DESIGN SPEED OR 85TH PERCENTILE SPEED IN MILES PER HOUR

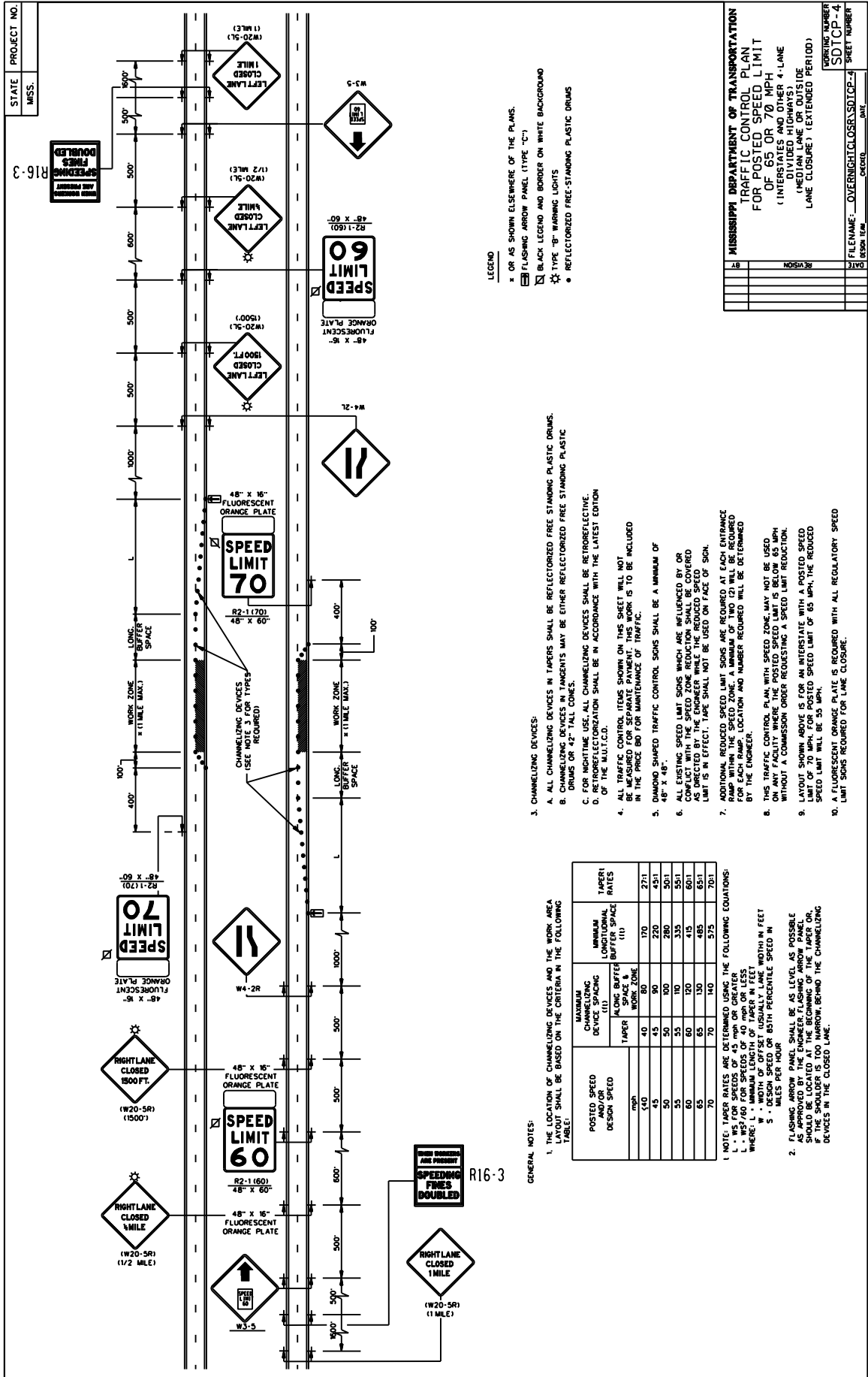
2. FLASHING ARROW PANEL SHALL BE AS LEVEL AS POSSIBLE AS APPROVED BY THE ENGINEER. FLASHING ARROW PANEL SHOULD BE LOCATED AT THE BEGINNING OF THE TAPER OR IF THE SHOULDER IS TOO NARROW, BEHIND THE CHANNELIZING DEVICES IN THE CLOSED LANE.
3. CHANNELIZING DEVICE TYPES FOR:
 - A. APPROACH TAPER- REFLECTORIZED PLASTIC DRUMS
 - B. ALONG LANE LINE AND WORK ZONE- TRAFFIC CONES (28" HEIGHT)
 - C. EXIT TAPER- TRAFFIC CONES (28" HEIGHT)
4. WHEN THERE IS NO EXISTING HAZARD, ALL SIGNS SHALL BE COVERED OR REMOVED AND THE DRUMS SHALL BE MOVED TO THE SHOULDER EDGE AT THE END OF THE WORK DAY.
5. FOR MOVING OPERATIONS (PAVING) THE CONTRACTOR SHALL HAVE TWO (2) SETS OF ADVANCE WARNING SIGNS, PLASTIC DRUMS, AND ARROW BOARD. WHEN THE CONSTRUCTION ZONE IS MOVED AHEAD, ALL SIGNS, PLASTIC DRUMS AND ARROW BOARD SHALL BE IN PLACE BEFORE REMOVING ANY SIGNS, PLASTIC DRUMS OR ARROW BOARD ON THE PREVIOUS ZONE.
6. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.
7. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 48" X 48".

- LEGEND
- * OR AS SHOWN ELSEWHERE OF THE PLANS.
 - ** THE LEGEND ON W13-1 (XX MPH) SUPPLEMENTAL PLATE SHALL BE 10 MPH LESS THAN THE POSTED SPEED LIMIT.
 - ◻ FLASHING ARROW PANEL (TYPE 'C')
 - REFLECTORIZED PRE-STANDING PLASTIC DRUMS
 - TRAFFIC CONES (28" HEIGHT)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 ROADWAY DESIGN DIVISION
 STANDARD PLAN

**TRAFFIC CONTROL PLAN
 FOR POSTED SPEED LIMIT
 LESS THAN 65 MPH
 (4-LANE, MEDIAN LANE
 OR CURB AND GUTTER CLOSURE)
 (WORK DAY ONLY)**

WORKING NUMBER: TCP-2
 SHEET NUMBER: 251
 ISSUE DATE: OCTOBER 1, 1998



STATE PROJECT NO.
MISS. R16-3

SPEEDING FINES DOUBLED
FOR THIS PROJECT

- LEGEND**
- OR AS SHOWN ELSEWHERE OF THE PLANS.
 - FLASHING ARROW PANEL (TYPE "C")
 - BLACK LEGEND AND BORDER ON WHITE BACKGROUND
 - TYPE "B" WARNING LIGHTS
 - REFLECTORIZED FREE-STANDING PLASTIC DRUMS

3. CHANNELIZING DEVICES:

- A. ALL CHANNELIZING DEVICES IN TAPERS SHALL BE REFLECTORIZED FREE STANDING PLASTIC DRUMS.
- B. CHANNELIZING DEVICES IN TANGENTS MAY BE EITHER REFLECTORIZED FREE STANDING PLASTIC DRUMS OR 42" TALL CONES.
- C. FOR NIGHTTIME USE, ALL CHANNELIZING DEVICES SHALL BE RETROREFLECTIVE.
- D. REFLECTORIZATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL.

4. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE INCLUDED IN THE PRICE BIDD FOR MAINTENANCE OF TRAFFIC.

5. DYNAMIC SHARED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 48" X 48".
6. ALL EXISTING SPEED LIMIT SIGNS WHICH ARE INFLUENCED BY OR CONFLICT WITH THE SPEED ZONE REDUCTION SHALL BE COVERED AS DIRECTED BY THE ENGINEER WHILE THE REDUCED SPEED LIMIT IS IN EFFECT. TAPE SHALL NOT BE USED ON FACE OF SIGN.
7. ADDITIONAL REDUCED SPEED LIMIT SIGNS ARE REQUIRED AT EACH ENTRANCE RAMP WITHIN THE SPEED ZONE. A MINIMUM OF TWO (2) WILL BE REQUIRED FOR EACH RAMP. LOCATION AND NUMBER REQUIRED WILL BE DETERMINED BY THE ENGINEER.
8. THIS TRAFFIC CONTROL PLAN WITH SPEED ZONE MAY NOT BE USED WITHOUT A COMMISSION ORDER REQUESTING A SPEED LIMIT REDUCTION. LAYOUT SHOWN ABOVE IS FOR AN INTERSTATE WITH A POSTED SPEED LIMIT OF 70 MPH. THE REDUCED SPEED LIMIT WILL BE 55 MPH.
9. A FLUORESCENT ORANGE PLATE IS REQUIRED WITH ALL REGULATORY SPEED LIMIT SIGNS REQUIRED FOR LANE CLOSURE.

GENERAL NOTES:

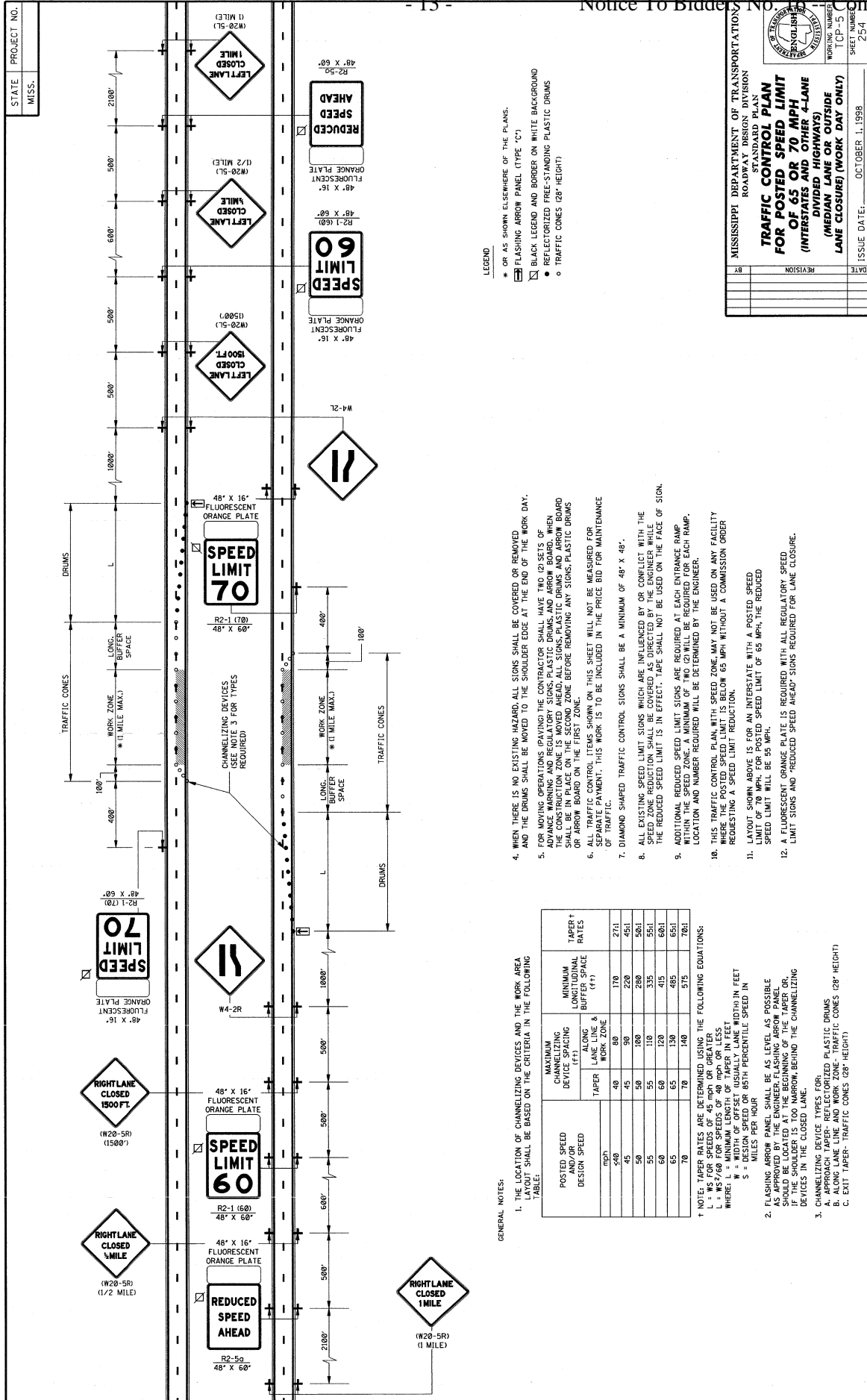
1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:

POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICES SPACING ALONG BUFFER SPACE & WORK ZONE	MINIMUM LONGITUDINAL BUFFER SPACE	TAPER RATES	
			MINIMUM LONGITUDINAL BUFFER SPACE	TAPER RATES
40	40	80	170	271
45	45	90	220	451
50	50	100	330	551
55	55	110	410	651
60	60	120	485	651
65	65	130	485	651
70	70	140	575	701

1. NOTES: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
 L = WS FOR SPEEDS OF 45 MPH OR GREATER
 L = WS/60 FOR SPEEDS OF 40 MPH OR LESS
 WHERE: L = MINIMUM TAPER LENGTH IN FEET
 S = DESIGN SPEED OR 85TH PERCENTILE SPEED IN MILES PER HOUR
2. FLASHING ARROW PANEL SHALL BE AS LEVEL AS POSSIBLE. THE SIGN SHALL BE PLACED IN THE SHOULDER OF THE TAPER OR IF THE SHOULDER IS TOO NARROW, BEHIND THE CHANNELIZING DEVICES IN THE CLOSED LANE.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL PLAN
FOR POSTED SPEED LIMIT
OF 65 OR 70 MPH
 (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)
 (LANE CLOSURE) (EXTENDED PERIOD)
 LANE CLOSURE (EXTENDED PERIOD)

REPORTING NUMBER: SDTCP-4
 DATE: _____
 DESIGNED BY: _____
 CHECKED: _____
 FILE NAME: OVERNIGHTCLOSURESDTCP-4



GENERAL NOTES:

1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:
2. FLASHING ARROW PANEL SHALL BE AS LEVEL AS POSSIBLE. APPROACH TAPER REFLECTORIZED PLASTIC DRUMS SHOULD BE LOCATED AT THE BEGINNING OF THE TAPER OR, IF THE SHOULDER IS TOO NARROW, BEHIND THE CHANNELIZING DEVICES IN THE CLOSED LANE.
3. CHANNELIZING DEVICE TYPES FOR:
 - A. APPROACH TAPER- REFLECTORIZED PLASTIC DRUMS
 - B. EXIT TAPER- REFLECTORIZED PLASTIC CONES (28" HEIGHT)
 - C. EXIT TAPER- TRAFFIC CONES (28" HEIGHT)
4. WHEN THERE IS NO EXISTING HAZARD, ALL SIGNS SHALL BE COVERED OR REMOVED AND THE DRUMS SHALL BE MOVED TO THE SHOULDER EDGE AT THE END OF THE WORK DAY.
5. FOR MOVING OPERATIONS PAYING THE CONTRACTOR SHALL HAVE TWO (2) SETS OF CHANNELIZING DEVICES LOCATED AT THE BEGINNING AND END OF THE WORK ZONE. THE CONSTRUCTION ZONE IS MOVED AHEAD ALL SIGNS, PLASTIC DRUMS AND ARROW BOARD OR ARROW BOARD ON THE FIRST ZONE.
6. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.
7. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 48" X 48".
8. ALL EXISTING SPEED LIMIT SIGNS WHICH ARE INFLUENCED BY OR CONFLICT WITH THE SPEED ZONE REDUCTION SHALL BE COVERED AS DIRECTED BY THE ENGINEER WHILE THE REDUCED SPEED LIMIT IS IN EFFECT. TAPE SHALL NOT BE USED ON THE FACE OF SIGN.
9. ADDITIONAL REDUCED SPEED LIMIT SIGNS ARE REQUIRED AT EACH ENTRANCE RAMP WITHIN THE SPEED ZONE. A MINIMUM OF TWO (2) WILL BE REQUIRED FOR EACH RAMP. LOCATION AND NUMBER REQUIRED WILL BE DETERMINED BY THE ENGINEER.
10. THIS TRAFFIC CONTROL PLAN WITH SPEED ZONE MAY NOT BE USED ON ANY FACILITY WHERE THE POSTED SPEED LIMIT IS BELOW 65 MPH WITHOUT A COMMISSION ORDER REQUESTING A SPEED LIMIT REDUCTION.
11. LAYOUT SHOWN ABOVE IS FOR AN INTERSTATE WITH A POSTED SPEED LIMIT OF 70 MPH. FOR POSTED SPEED LIMIT OF 65 MPH, THE REDUCED SPEED LIMIT WILL BE 55 MPH.
12. A FLUORESCENT ORANGE PLATE IS REQUIRED WITH ALL REGULATORY SPEED LIMIT SIGNS AND "REDUCED SPEED AHEAD" SIGNS REQUIRED FOR LANE CLOSURE.

POSTED SPEED DESIGN SPEED mph	CHANNELIZING DEVICE SPACING (FT)		MINIMUM LONGITUDINAL BUFFER SPACE (FT)	TAPER RATES
	LANE LINE & WORK ZONE	LANE LINE & WORK ZONE		
50	40	80	170	27:1
55	45	90	220	45:1
60	50	100	280	50:1
65	55	110	335	55:1
70	60	120	415	60:1
75	65	130	485	65:1
80	70	140	575	70:1


NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
 L = WS FOR SPEEDS OF 45 mph OR GREATER
 L = WS/60 FOR SPEEDS OF 40 mph OR LESS
 WHERE:
 W = WIDTH OF OFFSET (USUALLY LANE WIDTH) IN FEET
 S = DESIGN SPEED OR 85TH PERCENTILE SPEED IN MILES PER HOUR

LEGEND

- * OR AS SHOWN ELSEWHERE OF THE PLANS.
- FLASHING ARROW PANEL (TYPE "C")
- BLACK LEGEND AND BORDER ON WHITE BACKGROUND
- REFLECTORIZED FREE-STANDING PLASTIC DRUMS
- TRAFFIC CONES (28" HEIGHT)

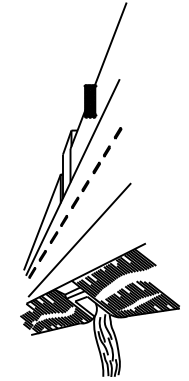
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 ROADWAY DESIGN DIVISION
 STANDARD PLAN
**TRAFFIC CONTROL PLAN
 FOR POSTED SPEED LIMIT
 OF 65 OR 70 MPH
 (INTERSTATES AND OTHER 4-LANE
 DIVIDED HIGHWAYS)
 (MEDIAN LANE OR OUTSIDE
 LANE CLOSURE) (WORK DAY ONLY)**

WORKING NUMBER: TCP-5
 SHEET NUMBER: 254
 ISSUE DATE: OCTOBER 1, 1988



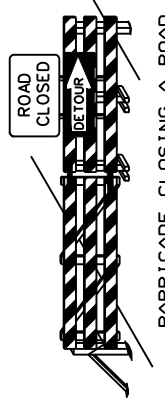
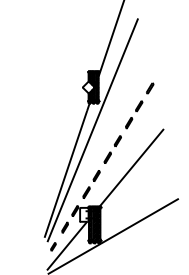
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
HIGHWAY SIGN AND BARRICADE DETAIL FOR CONSTRUCTS

WORKING NUMBER: SDTCP-10
SHEET NUMBER: 10
DATE: 04/16/2012
FILE NAME: SDTCP-10_06012012.DGN
PERSON: [blank]
CROSSLIN: [blank]



WING BARRICADES

- WING BARRICADES ARE TYPE BARRICADES ERECTED ON THE SHOULDER ON ONE OR BOTH SIDES OF THE PAVEMENT TO GIVE THE SENSATION OF A NARROWING OR RESTRICTED ROADWAY. WING BARRICADES MAY BE USED AS A MOUNTING FOR THE ADVANCE WARNING SIGNS OR FLASHERS.
- WING BARRICADES SHOULD BE USED:
 - IN ADVANCE OF A CONSTRUCTION PROJECT EVEN WHEN NO PART OF THE ROADWAY IS ACTUALLY CLOSED.
 - IN ADVANCE OF ALL BRIDGE OR CULVERT MOVING OPERATIONS.

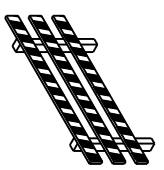


BARRICADE CLOSING A ROAD

BARRICADE CHARACTERISTICS

	I	II	III
WIDTH OF RAIL **	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.
LENGTH OF RAIL *	24" MIN.	24" MIN.	48" MIN.
WIDTH OF STRIPE *	6"	6"	6"
HEIGHT	35" MIN.	35" MIN.	60" MIN.
NUMBER OF REFLECTORIZED RAIL FACES	2 (ONE EACH DIRECTION)	4 (TWO EACH DIRECTION)	3 IF FACING TRAFFIC IN ONE DIRECTION 6 IF FACING TRAFFIC IN TWO DIRECTIONS
TYPE OF FRAME	LIGHT	LIGHT "X" FRAME	POST OR SHD

- * 1. FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED.
- ** 2. BARRICADES INTENDED FOR USE ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH SPEED FACINGS TRAFFIC SHALL HAVE A MINIMUM OF 270 IN OF REFLECTIVE AREA.



TYPE I



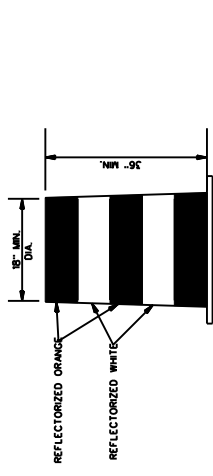
TYPE II



TYPE III

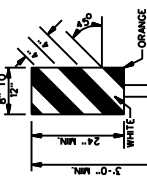
STANDARD BARRICADES

- A TYPE BARRICADE CONSISTS OF ONE (1) HORIZONTAL RAIL SUPPORTED BY A DEMOUNTABLE FRAME OR URBAN STREETS AND ARTERIALS.
- A TYPE BARRICADE CONSISTS OF TWO (2) HORIZONTAL RAILS ON A LIGHT "X" FRAME. TYPE BARRICADES ARE INTENDED FOR USE WHERE THE HAZARD IS LESS SEVERE THAN THAT OF TYPE I AND TYPE II BARRICADES.
- TYPE I AND TYPE BARRICADES ARE INTENDED FOR USE WHERE THE HAZARD IS LESS SEVERE THAN THAT OF TYPE II AND TYPE III BARRICADES.
- A TYPE BARRICADE CONSISTS OF THREE (3) HORIZONTAL RAILS SUPPORTED BY FIXED POSTS, A ROAD SHD, A HEAVY DEMOUNTABLE FRAME OR A HEAVY WINGED "X" FRAME.
- TYPE BARRICADES ARE INTENDED FOR USE ON CONSTRUCTION AND MAINTENANCE PROJECTS AS BARRICADES AND AT ROAD CLOSURES, WHERE THEY MUST REMAIN IN PLACE FOR EXTENDED PERIODS.
- THE MARKING FOR BARRICADE RAILS SHALL BE ORANGE AND WHITE (SLOPING DOWNWARD AT AN ANGLE OF 45° IN THE DIRECTION TRAFFIC IS TO PASS).
- DO NOT PLACE SANDBAGS OR OTHER DEVICES TO PROVIDE MASS ON THE BOTTOM RAIL THAT WILL BLOCK VIEW OR RAIL FACE.
- FOR ADDITIONAL INFORMATION OR DETAILS, SEE MUTCD, LATEST EDITION.



PLASTIC DRUM STRIPING DETAIL

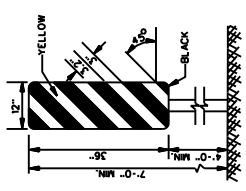
- PLASTIC DRUMS SHALL BE ON END AND USED AS AN EXPEDIENT METHOD FOR TRAFFIC CHANNELIZATION. THE COLOR AND MARKING OF DRUMS SHALL BE CONSISTENT WITH MUTCD STANDARDS FOR BARRICADES. THE PREDOMINANT COLOR ON DRUMS SHALL BE ORANGE. STRIPES SHALL BE GREEN, HORIZONTAL, CIRCUMFERENTIAL STRIPES (2 ORANGE & 2 WHITE) 6" WIDE.
- DRUMS SHOULD NEVER BE PLACED IN THE ROADWAY WITHOUT WARNING SIGNS.
- WHERE PRACTICAL PLASTIC DRUMS SHALL BE PLACED NO CLOSER THAN 3'-0" FROM THE EDGE OF TRAVELED LANE.



VERTICAL PANEL

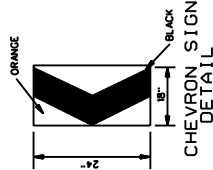
- VERTICAL PANELS CONSIST OF AT LEAST ONE PANEL 8" TO 12" IN WIDTH AND A MINIMUM OF 24" IN HEIGHT.
- THE DIAGONAL STRIPES SHALL SLOPE DOWNWARD IN THE DIRECTION THAT TRAFFIC IS TO PASS THE PANEL. THE MINIMUM OF 35" ABOVE THE ROADWAY ON A SINGLE LIGHTMASS POST.
- VERTICAL PANELS USED ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH-SPEED ROADWAYS SHALL HAVE A MINIMUM OF 270 IN OF RETROREFLECTIVE AREA FACING TRAFFIC.
- FOR TWO-WAY TRAFFIC OPERATIONS, BACK-TO-BACK PANELS SHALL BE USED.

GENERAL NOTES:
1. MARKINGS ON ALL DEVICES SHOWN ON THIS SHEET SHALL BE HIGH INTENSITY REFLECTIVE SHEETING.
2. THE TRAFFIC CONTROL PLAN WILL LIST THE VARIOUS TRAFFIC CONTROL DEVICES REQUIRED FOR EACH PROJECT.



TYPE 3 OBJECT MARKER (OM-3R)

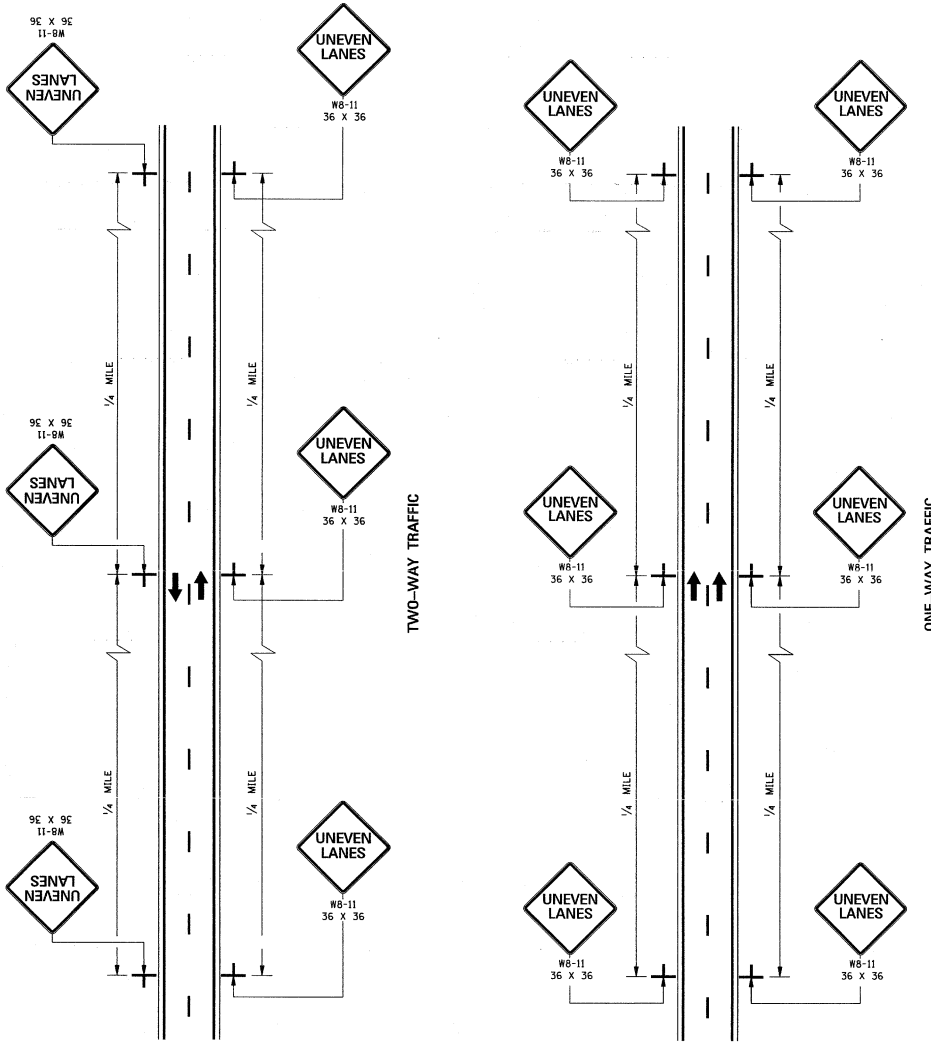
- TYPE 3 OBJECT MARKERS SHALL BE USED AT ALL EXPOSED BRIDGE ABUTMENTS AND AT OTHER LOCATIONS AS DEEMED NECESSARY BY THE ENGINEER.
- THE OM-3R IS SHOWN. THE OM-3R IS SIMILAR EXCEPT THE STRIPES SLOPE DOWNWARD FROM THE UPPER LEFT SIDE TO THE LOWER RIGHT SIDE AND SHALL BE PLACED ON THE LEFT SIDE OF THE OBJECT.
- THE INSIDE EDGE OF THE MARKER SHALL BE IN LINE WITH THE INNER EDGE OF THE OBSTRUCTION.



CHEVRON SIGN DETAIL

- CHEVRON SIGN CONSISTS OF A BLACK CHEVRON TYPE MARKING ON AN ORANGE BACKGROUND AND SHALL POINT IN THE DIRECTION OF TRAFFIC FLOW.
- THE CHEVRON SIGN SHALL BE MOUNTED ON FIXED POST OR ROAD SHD.
- CHEVRON SIGNS MAY BE USED TO SUPPLEMENT OTHER STANDARD DEVICES WHERE ONE OR MORE LANES ARE CLOSED FOR CONSTRUCTION OR MAINTENANCE. THEY SHALL BE PLACED APPROXIMATELY 2'-0" BEHIND THE LANE TRANSITION STRIPE.

STATE	PROJECT NO.
MISS.	



GENERAL NOTES:

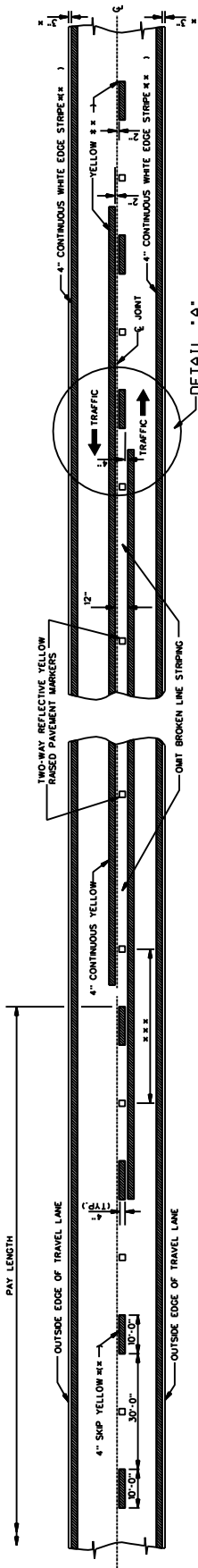
1. UNEVEN LANE LINE SPACING SHALL BE EQUAL TO 1/2' NO SIGNS REQUIRED.
2. IF GREATER THAN 1/2' AND LESS THAN OR EQUAL TO 2/4' PLACE SIGNS AS SHOWN ON THIS SHEET.
3. IF GREATER THAN 2/4' TRAFFIC SHOULD NOT BE ALLOWED TO CROSS UNEVEN LANE LINE.
4. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC.
5. THE W8-11 SIGNS SHALL BE SPACED AT 1/4-MILE INTERVALS THROUGHOUT UNEVEN LANE LINE LIMITS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

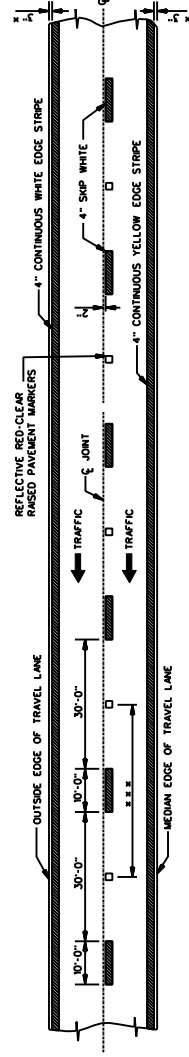
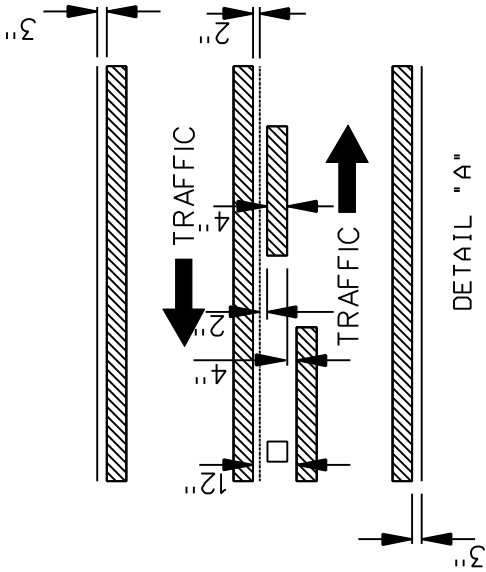
**TRAFFIC CONTROL PLANS
UNEVEN PAVEMENT
DETAILS**

WORKING NUMBER	CP-14
SHEET NUMBER	263
DATE	OCTOBER 1, 1998
BY	
REVISION	

STATE	PROJECT NO.
MISS.	



TWO-WAY TRAFFIC
(ASPHALT OR CONCRETE PAVEMENT)



4-LANE WITH ONE-WAY TRAFFIC



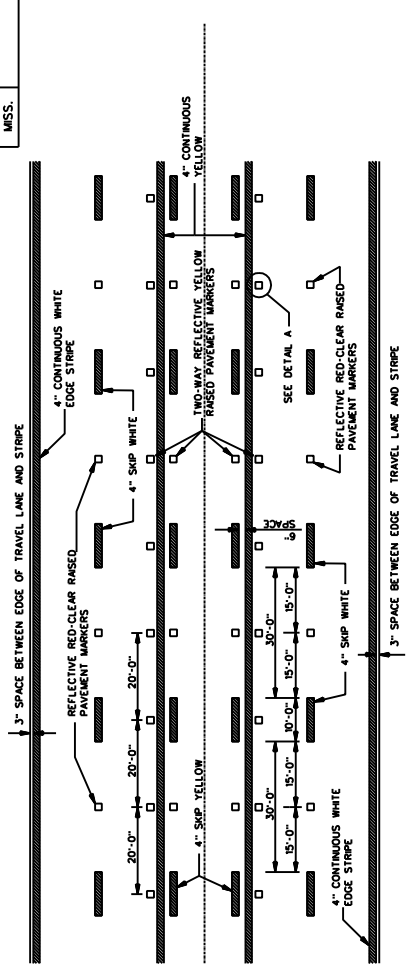
GENERAL NOTES:
 * 1. 3" UNLESS SHOWN ELSEWHERE ON THE PLANS.
 ** 2. EDGE STRIPE SHALL BE SAME MATERIAL AS LANE-LINE STRIPE (PAINT OR TAPE AS INDICATED IN PAY ITEMS).
 *** 3. SPACING OF REFLECTIVE RAISED PAVEMENT MARKERS IS AS FOLLOWS:

TANGENT SECTIONS	URBAN AREA (U-L-N)	RURAL AREA (U-L-N)
LANE-LENGTHS	40'-0"	80'-0"
INTERCHANGE LIMITS	40'-0"	140'-0"

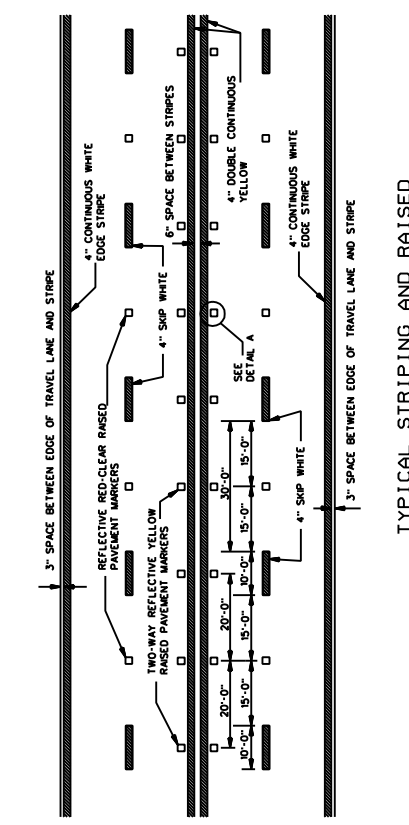
1. NOTE: ON THE MAIN FACILITY, REFLECTIVE RED-CLEAR RAISED PAVEMENT MARKERS SHALL BE USED THROUGH ALL INTERCHANGE AREAS BEGINNING 1000' IN ADVANCE (IN DIRECTION OF TRAFFIC) OF THE EXIT RAMP TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.
 2. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE REFLECTIVE MATERIALS AS SPECIFIED IN THE MOOT.
 3. APPROVED SOURCES OF MATERIALS.
 4. REFLECTIVE RAISED PAVEMENT MARKERS TO BE USED IF TEMPORARY MARKERS ARE TO REMAIN IN PLACE OVER 3 MONTHS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	
WORKING NUMBER	TCP-15
SHEET NUMBER	264
ISSUE DATE:	DECEMBER 1, 1999

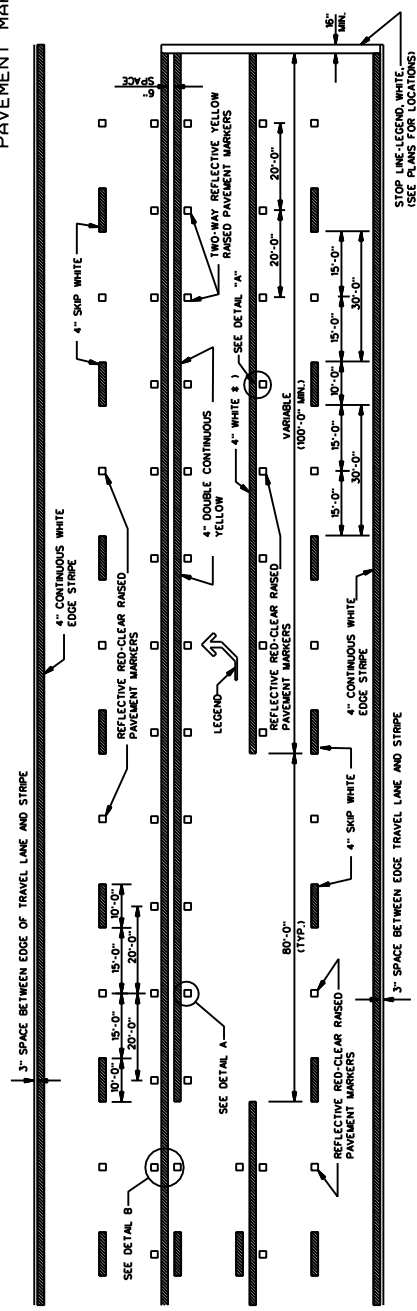
STATE	PROJECT NO.
MISS.	



TYPICAL STRIPING AND RAISED PAVEMENT MARKERS FOR 5-LANE SECTION



TYPICAL STRIPING AND RAISED PAVEMENT MARKERS FOR 4-LANE SECTION



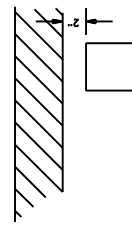
TYPICAL STRIPING AND RAISED PAVEMENT MARKERS AT LEFT TURN LANES

* NOTE: USE DETAIL STRIPING IF LENGTH $\leq 150'$ AT THIS LOCATION, OTHERWISE USE CONTINUOUS STRIPING.

TYPICAL TWO-WAY ARROW INSTALLATION

- NOTES: 1. CONSIDER EACH SEGMENT OF CONTINUOUS TWO-WAY LEFT TURN LANE SEPARATELY.
- 2. IF SEGMENT IS LESS THAN 350', PLACE ONE SET OF ARROWS IN CENTER OF SEGMENT.
- 3. IF SEGMENT IS GREATER THAN 350', PLACE FIRST SET OF ARROWS 50 TO 100' FROM BEGINNING AND/OR END OF SEGMENT AND SPACE ADDITIONAL SETS OF ARROWS (250 O.C.).

DETAIL A
LATERAL PLACEMENT OF PAVEMENT MARKERS

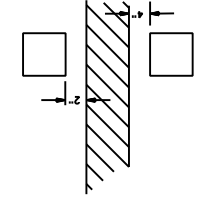


GENERAL NOTE:

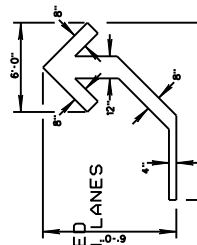
- 1. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE RASSED PAVEMENT MARKERS AS LISTED IN THE MOST APPROVED SOURCE OF MATERIALS.
- 2. REFLECTIVE RASSED PAVEMENT MARKERS TO BE USED IF TEMPORARY MARKERS ARE TO REMAIN IN PLACE OVER 3 MONTHS.
- 3. TEMPORARY TURN ARROW TO BE PAID FOR AS TEMPORARY TRAFFIC STRIPE (LEGEND), ESTIMATED AT 10.9 SQ. FT. PER ARROW.

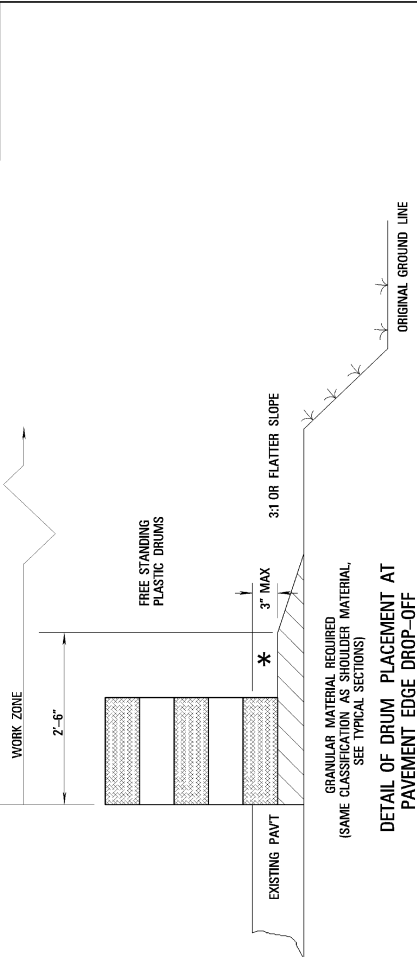
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED ROADWAYS	
WORKING NUMBER	TCP-16
SHEET NUMBER	265
ISSUE DATE:	DECEMBER 1, 1999

DETAIL B
LATERAL PLACEMENT OF PAVEMENT MARKERS



DETAIL OF TEMPORARY TURN ARROW





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 @ (750 ± O.C.).
 2. TWO AND ONE QUARTER TO THREE INCHES-PLACE DRUMS, VERTICAL PANELS OR BARRICADES EVERY 100 FEET ON TANGENT SECTIONS FOR SPEEDS OF 50 MILES PER HOUR OR GREATER. COMES 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 3:1 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.

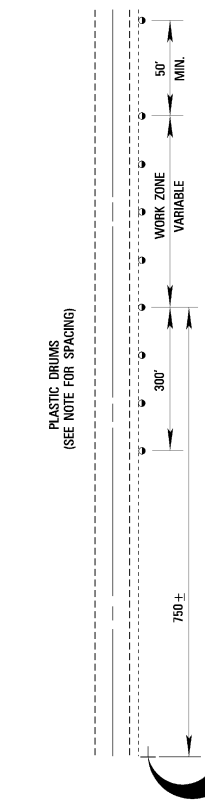
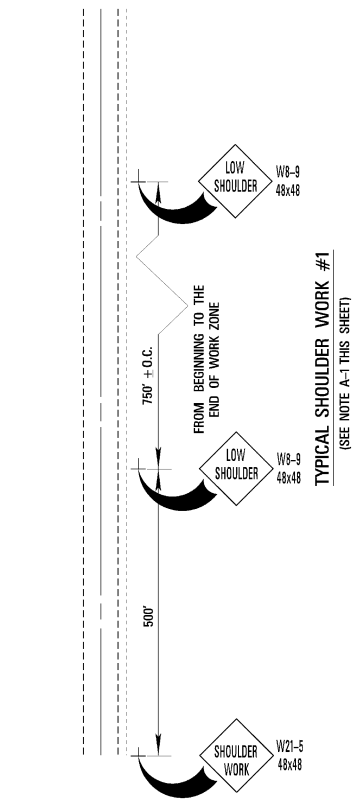
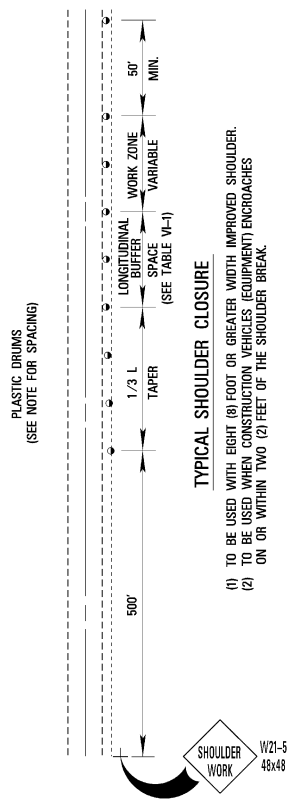
- B. DRUM SPACING**
1. TANGENTS = $2 \times S$
 2. $APPROX = \frac{L}{L} \times W$
 - WHERE $L = \frac{S \times W}{S - W}$
 - L = TAPER LENGTH IN FEET
 - S = SPEED IN MPH (POSTED OR 85 PERCENTILE)
 - W = WIDTH OF OFFSET IN FEET

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

TABLE V-1 GUIDELINES FOR LENGTH OF LONGITUDINAL BUFFER SPACE

SPEED (MPH)	MIN	MAX	LENGTH (FEET)
20	25	35	35
25	30	45	45
30	35	60	60
35	40	75	75
40	45	100	100
45	50	125	125
50	55	150	150
55	60	175	175
60	65	200	200
65	70	225	225
70	75	250	250
75	80	275	275
80	85	300	300
85	90	325	325
90	95	350	350
95	100	375	375
100	105	400	400

* POSTED SPEED OFF PEAK 85 PERCENTILE SPEED PRIOR TO WORK STARTING OR THE ANTICIPATED GRINDING SPEED IN MPH



NOTE: WORK OUTSIDE THE (2) FOOT LIMIT 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.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS
DRUM PLACEMENT
AND
SHOULDER CLOSURE

PROJECT NO.: _____
COUNTY: _____

FILE NAME: _____
DESIGNER: _____
DATE: 12-28-20

WORKING TITLE: _____
TCP NO.: _____
SHEET NUMBER: _____

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 86

CODE: (SP)

DATE: 4/6/2017

SUBJECT: Contract Time

PROJECT: MP-7000-00(189) / 306154301 – Districtwide (7)

The calendar date for completion of work to be performed by the Contractor for this project shall be **October 27, 2017** which date or extended date as provided in Subsection 108.06 shall be the end of contract time. It is anticipated that the Notice of Award will be issued no later than **June 13, 2017** and the effective date of the Notice to Proceed / Beginning of Contract Time will be **July 13, 2017**.

Should the Contractor request a Notice to Proceed earlier than **July 13, 2017** and it is agreeable with the Department for an early Notice to Proceed, the requested date will become the new Notice to Proceed date.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904-NOTICE TO BIDDERS NO. 87

CODE: (SP)

DATE: 03/30/2017

SUBJECT: Scope of Work

PROJECT: MP-7000-00(189) / 306154301 - District Wide (7)

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". All other references to plans in the contract documents and Standard Specifications for Road and Bridge Construction are to be disregarded.

The work to be accomplished using the pay items and corresponding specifications set forth in the contract shall consist of the following:

The Contractor shall be responsible for furnishing and placing high performance raised pavement markers (HPRPMs) in accordance with the enclosed Standard Drawings CRPMSR-2, CRPMSR-4, PM-1, PM-2, TCP-6, and TCP-11 as applicable. Also enclosed are maps of each county within the District showing the routes or segments of routes on which HPRPMs are to be placed.

The Contractor shall NOT be responsible for removal of all existing raised pavement markers (RPMs) on the project. The existing RPMs will be left in place.

The placement of two-way clear reflective high performance raised markers will not be required along the local roads within the town or city limits.

The Contractor will further be responsible for establishing all necessary controls to insure that the raised pavement markers are installed in a uniform line in accordance with the above referenced standard drawings. The Contractor is responsible for all pavement surface cleaning or other preparations necessary prior to the placement of the RPMs to insure a proper bond. This work will not be measured for separate pay, but its cost shall be included in the unit prices of other bid items.

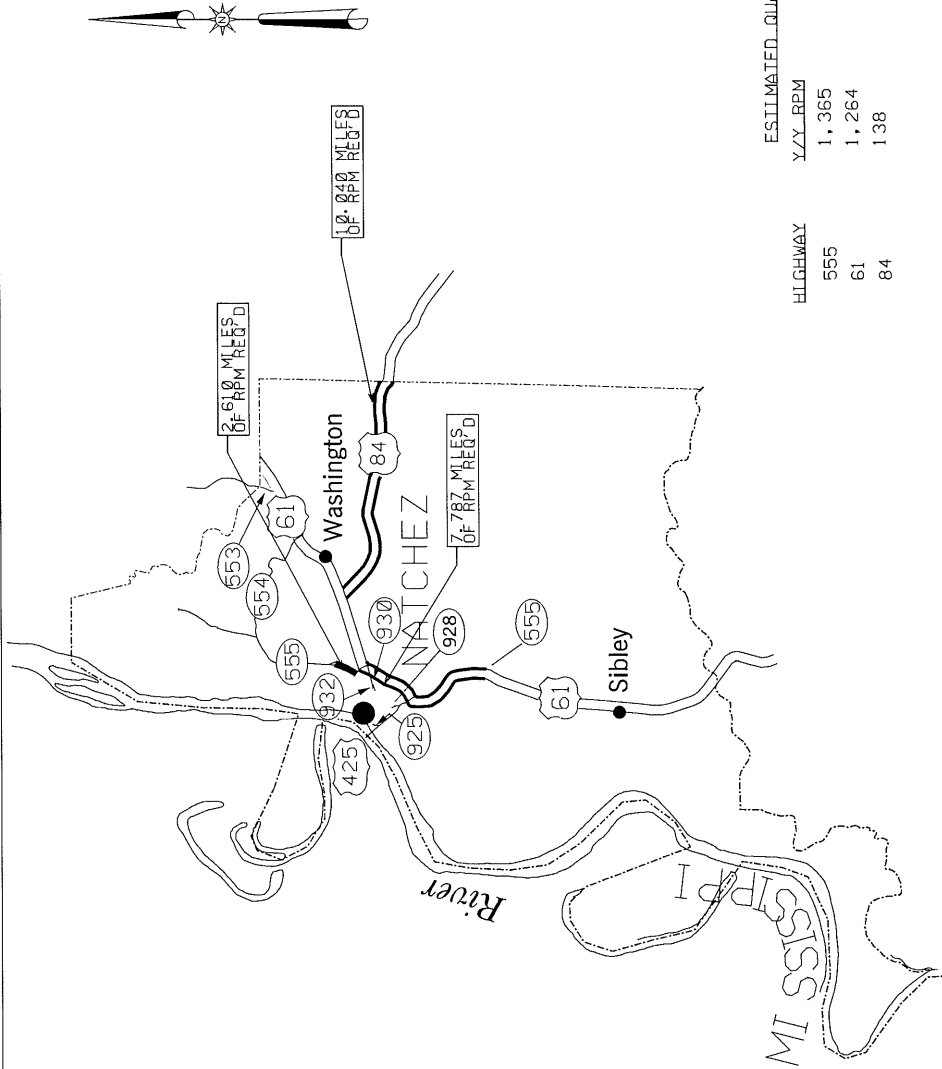
The Contractor shall provide all traffic control devices in accordance with the Traffic Control Plan as called for in the standard drawings and the MUTCD. Payment for traffic control shall be included in the price bid for Pay item No. 618-A, Maintenance of Traffic.

The Contractor is further advised that at the final inspection, all HPRPMs that are missing or damaged shall be replaced and will not be measured for separate payment.

Other incidental work that is necessary to complete the work will not be measured for separate payment and the cost shall be included in the unit prices of other bid items.

MP-7000-00(1.89)/36154
DISTRICT 7

COUNTY	HIGHWAY	BEGIN	END	LENGTH	V/Y RPM	# LARGE LR	# SMALL LR	R/C RPM	C/C RPM	REMARKS
ADAMS	555	5.177	7.787	2.610	1.365	3	11	689	685	SR 555 FROM END OF LYNDA LEE DRIVE TO END OF THE 4-LANE
ADAMS	61	9.071	16.858	7.787	1.264	4	24	1,721	1,240	US 61 FORM 1.7 MILES SOUTH OF JCT KINGSTON ROAD NORTH TO THE JCT WALMART DRIVE (SIGNAL)
ADAMS	84	0.000	10.040	10.040	1.38	11	5	2,290	1,275	US 84 FROM JCT US 61 EAST TO FRANKLIN CL
TOTALS					2,767			4,700	3,200	
AMITE	48	10.894	14.913	4.019	354	0	7		245	SR 48 FROM JCT SR 568 EAST TO JCT SR 24
TOTALS					354			0	245	
COVINGTON	590	0.000	7.567	7.567	666	0	13		455	SR 590 FROM JCT US 49 EAST TO JONES CL
COVINGTON	598	0.000	2.952	2.952	260	0	8		280	SR 598 FROM US 49 EAST TO END OF MAINTENANCE
COVINGTON	49	25.173	28.753	3.580	53	1	6	476	310	US 49 FROM THE BRIDGE SOUTH OF JCT SR 148S (MT OLIVE) TO SIMPSON CL (NB LANE ONLY)
COVINGTON	35	2.172	12.142	9.970	877	0	19		665	SR 35 FROM JCT US 84 NORTH TO US 49
TOTALS					1,856			476	1,710	
FRANKLIN	184	1.532	4.642	3.110	414	1	14		590	SR 184 FROM JCT 84 EAST (WEST OF MEADOWS) TO JCT 84 (EAST OF BUDE) (OMITTED SECTION 0.44-1.532)
FRANKLIN	84	26.825	33.515	6.690	93	3	8	1,478	580	US 84 FROM HOMOCHITTO RIVER EAST TO LINCOLN CL
FRANKLIN	33	0.000	13.940	13.940	1,227	0	11		385	SR 33 FROM WILKINSON CL NORTH TO JCT US 84
TOTALS					1,734			1,478	1,555	
JEFFERSON DAVIS	13	4.700	15.188	10.488	923	0	15	79	525	SR 13 FROM JCT PARK FORTENBERRY ROAD NORTH TO JCT SR 184 (PRENTISS)
TOTALS					923			79	525	
LAWRENCE	583	0.000	0.194	0.194	17	0	0		0	SR 583 FROM WALTHALL CL NORTH TO LINCOLN CL
LAWRENCE	44	0.000	7.727	7.727	680	0	14		490	SR 44 FROM JCT SR 583 EAST TO JCT SR 27
TOTALS					697			0	490	
LINCOLN	550	0.000	11.200	11.200	986	0	18		630	SR 550 FROM JEFFERSON CL EAST TO JCT BOUIE MILL ROAD
LINCOLN	583	0.000	18.888	18.888	1,662	0	39		1,365	SR 583 FROM WALTHALL CL NORTH TO JCT US 84
LINCOLN	84	0.000	15.940	15.940	281	22	24	3,523	3,040	US 84 FROM FRANKLIN CL EAST TO JCT SR 184 (EAST OF BROOKHAVEN)
LINCOLN	51	0.000	13.900	13.900	1,352	1	34	18	1,290	US 51 FROM PIKE CL NORTH TO JCT US 51
LINCOLN	184	0.000	2.105	2.105	385	0	10		350	SR 184 FROM JCT US 84 EAST TO JCT US 51
TOTALS					4,467			3,540	6,675	
MARION	98	0.000	23.869	23.869	281	8	14	5,275	1,290	US 98 FROM WALTHALL CL EAST TO JCT SR 38S
MARION	35	16.185	31.923	15.738	2,182	2	35	176	1,425	SR 35 FROM JCT US 98 NORTH TO JEFFERSON DAVIS CL
MARION	35	7.790	16.185	8.395	802	0	25	176	875	SR 35 FROM HURRICANE CREEK ROAD NORTH TO JCT US 98
TOTALS					3,265			5,627	3,590	
PIKE	98	10.960	19.666	8.706	129	7	10	1,924	1,050	US 98 FROM DB&B OLD PLANT EAST TO WALTHALL CL
PIKE	51	21.512	25.761	4.249	518	1	17		695	US 51 FROM JCT US 98W NORTH TO LINCOLN CL
PIKE	51	0.000	10.400	10.400	1,064	1	26		1,010	US 51 FROM LA LINE NORTH TO JCT SR 48
PIKE	24	0.000	4.860	4.900	431	0	10		210	SR 24 FROM AMITE CL EAST TO JCT 155
PIKE	568	0.000	4.469	4.469	393	0	6		280	SR 568 FROM AMITE CL EAST TO JCT US 51
PIKE	98	0.000	4.900	4.900	431	0	8		280	US 98 FROM AMITE CL EAST TO JCT 155
TOTALS					2,967			1,924	3,595	
SIMPSON	13	0.000	13.629	13.629	1,199	8	39		2,165	SR 13 FROM JEFFERSON DAVIS CL NORTH TO JUST NORTH OF JCT US 49
SIMPSON	149	0.000	5.470	5.470	481	1	17		695	SR 149 FROM JCT US 49 (SOUTH OF WAGEE) NORTH TO JCT US 49 (LEGION LAKE)
SIMPSON	28	0.000	26.394	26.394	2,323	2	74		2,790	SR 28 FROM COPIAH CL EAST TO US 49
SIMPSON	545	0.000	2.110	2.110	186	0	6		210	SR 545 FROM JCT SR 28 NORTH TO JCT SR 149
TOTALS					4,189			0	5,860	
SMITH	13	0.000	13.629	13.629	1,199	0	16		560	SR 13 FROM RANKIN CL NORTH TO SCOTT CL
SMITH	18	13.066	26.434	13.368	1,176	0	20		700	SR 18 FROM JCT SR 35 EAST TO JASPER CL
SMITH	35	19.971	26.562	6.591	580	0	10		350	SR 35 FROM JCT SR 18 NORTH TO JCT SR 481
SMITH	37	0.000	11.383	11.383	1,002	0	12		420	SR 37 FROM COVINGTON CL NORTH TO CR 80
TOTALS					3,957			0	2,030	
WALTHALL	27	18.455	26.801	8.346	734	0	17		595	SR 27 FROM KELLY GINN ROAD NORTH TO LAWRENCE CL
WALTHALL	44	0.000	2.826	2.826	249	0	7		245	SR 44 FROM PIKE CL EAST TO JCT SR 583
WALTHALL	583	7.277	12.677	5.400	475	0	11		385	SR 583 FROM JCT MANNINGS CROSSING ROAD NORTH TO LAWRENCE CL
TOTALS					1,458			0	1,225	
WILKINSON	33	0.000	5.700	5.700	502	0	5		175	SR 33 FROM LA STATE LINE NORTH TO JCT SR 24 (CENTREVILLE)
WILKINSON	61	25.500	27.539	2.039	21	1	0	451	100	US 61 FROM DOLOROSO LOOP ROAD NORTH TO ADAMS CL
TOTALS					523			451	275	
PROJECT TOTALS					29,157			18,276	30,975	



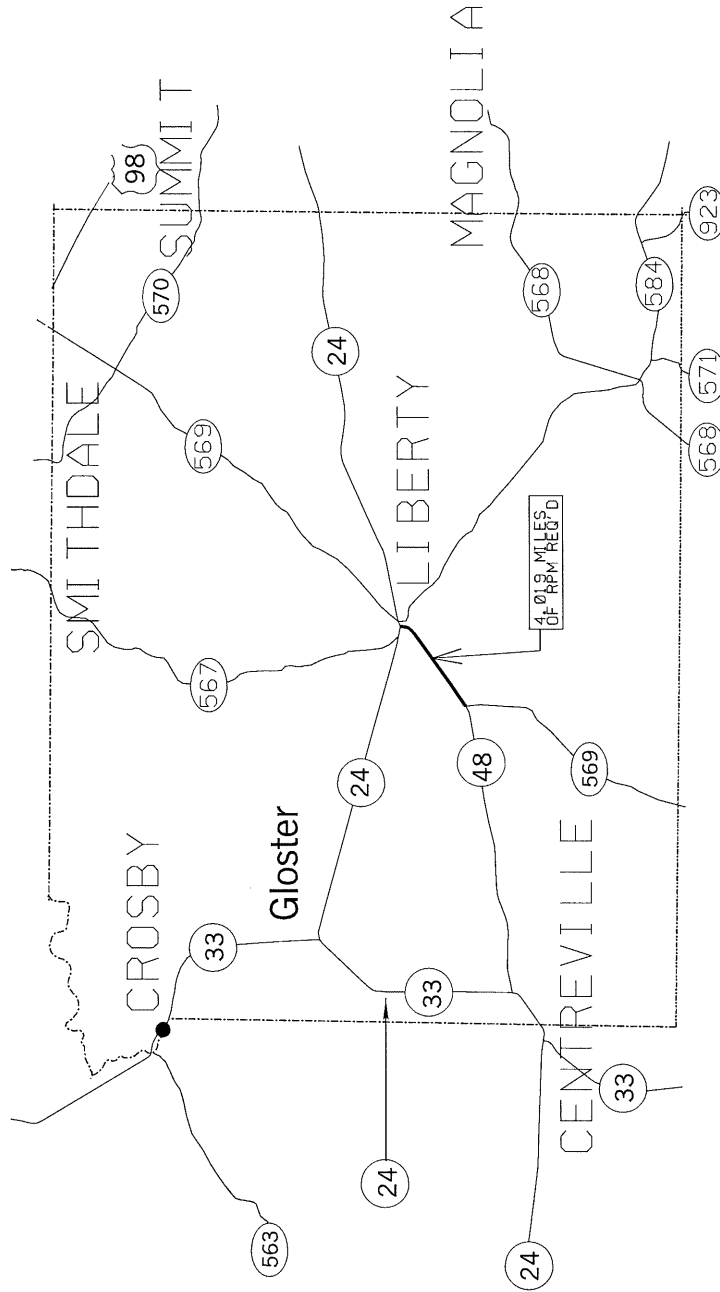
ADAMS

DISTRICT VII
 STATE DESIGNATED - STATE MAINTAINED
 HIGHWAY SYSTEM
 OF
 MISSISSIPPI
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 TRANSPORTATION DIVISION
 1000 BUREAU BUILDING
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 WASHINGTON, D.C. 20590
 STATE PUBLIC CONTRACT SYSTEM 1985

HIGHWAY
48

ESTIMATED QUANTITIES

Y/Y RPM	B/C RPM	C/C RPM
354	0	245



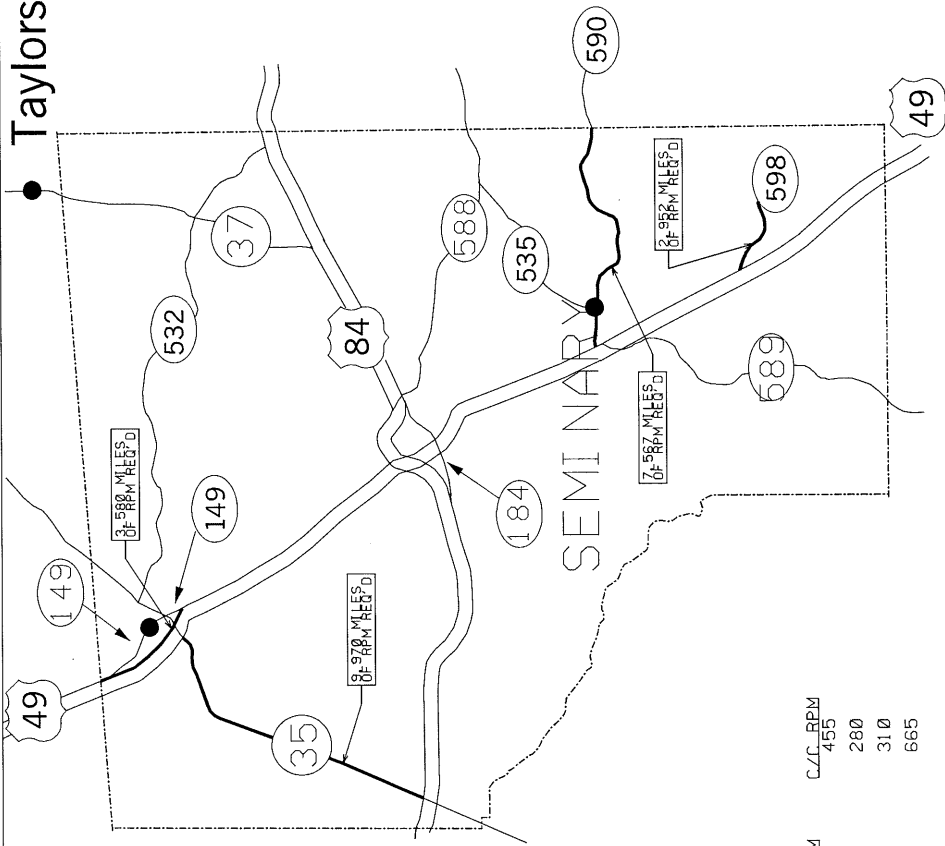
*** NOT TO SCALE ***

AMITE

DISTRICT VII
STATE DESIGNATED - STATE MAINTAINED
HIGHWAY SYSTEM
OF
MISSISSIPPI

STATE OF MISSISSIPPI
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
STATE PLANNING COMMISSION

Taylorsville

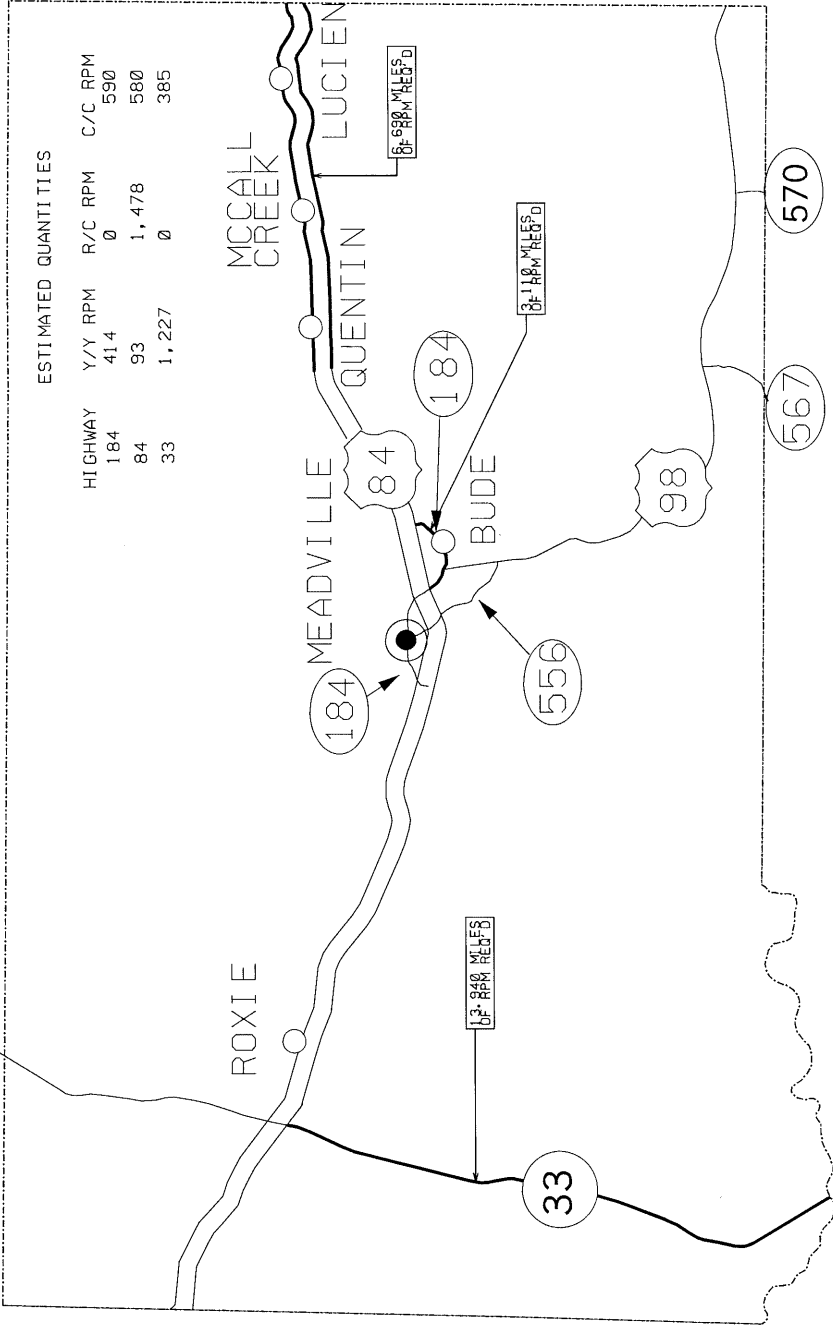


*** NOT TO SCALE ***

HIGHWAY	ESTIMATED QUANTITIES	C/C	RPM
590	Y/Y	455	
598	B/C	280	
49	476	310	
35	877	665	

DISTRICT VII
STATE DESIGNATED - STATE MAINTAINED
HIGHWAY SYSTEM
OF
MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
IN COOPERATION WITH THE
FEDERAL HIGHWAY ADMINISTRATION
STATE ROAD AND BRIDGE SYSTEM 1983

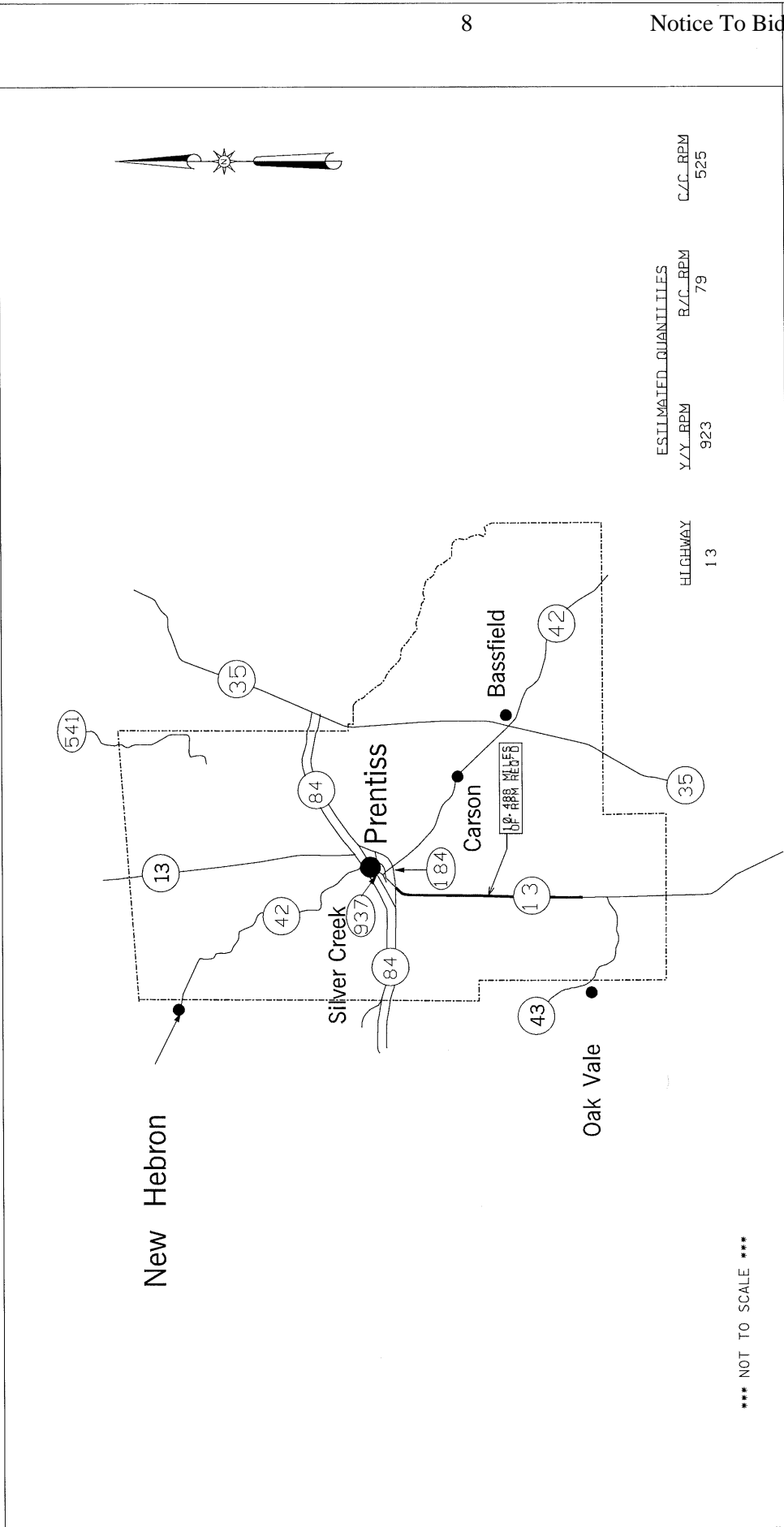
COVINGTON



*** NOT TO SCALE ***

DISTRICT VII
 STATE DESIGNATED - STATE MAINTAINED
 HIGHWAY SYSTEM
 OF
 MISSISSIPPI
 DEPARTMENT OF TRANSPORTATION
 PLANNING DIVISION
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL AID HIGHWAY ADMINISTRATION
 TRANSPORTATION AND INFRASTRUCTURE
 STATE PLANNING COORDINATE SYSTEM 1983

FRANKLIN



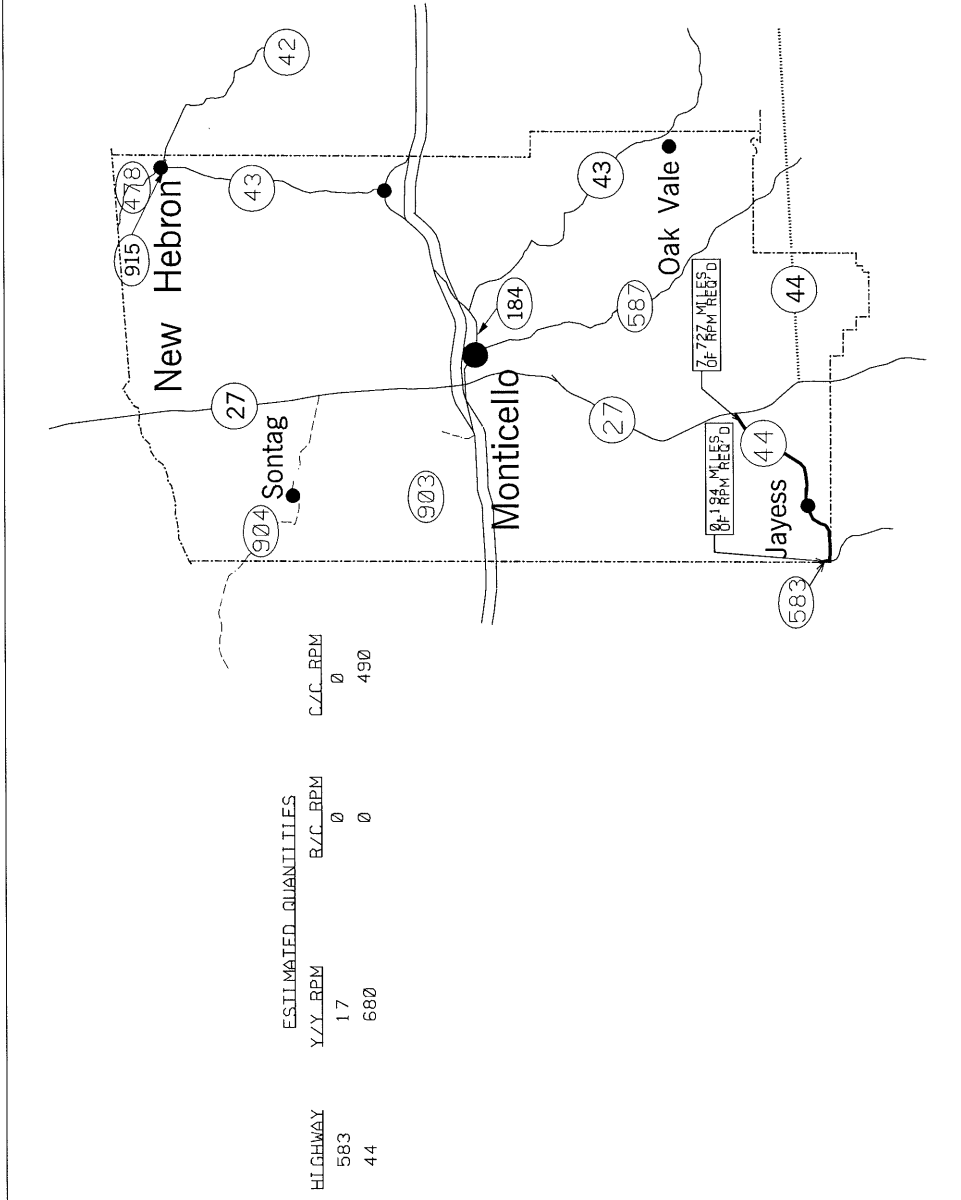
ESTIMATED QUANTITIES
 Y/Y_RPM 923
 R/C_RPM 79
 C/C_RPM 525

HIGHWAY
 13

*** NOT TO SCALE ***

DISTRICT VII
 STATE DESIGNATED - STATE MAINTAINED
 HIGHWAY SYSTEM
 OF
 MISSISSIPPI
 DEPARTMENT OF TRANSPORTATION
 PLANNING DIVISION
 U.S. DEPARTMENT OF TRANSPORTATION
 TRANSPORTATION PLANNING DIVISION
 STATE LANE CONSTRUCTION UNIT 195

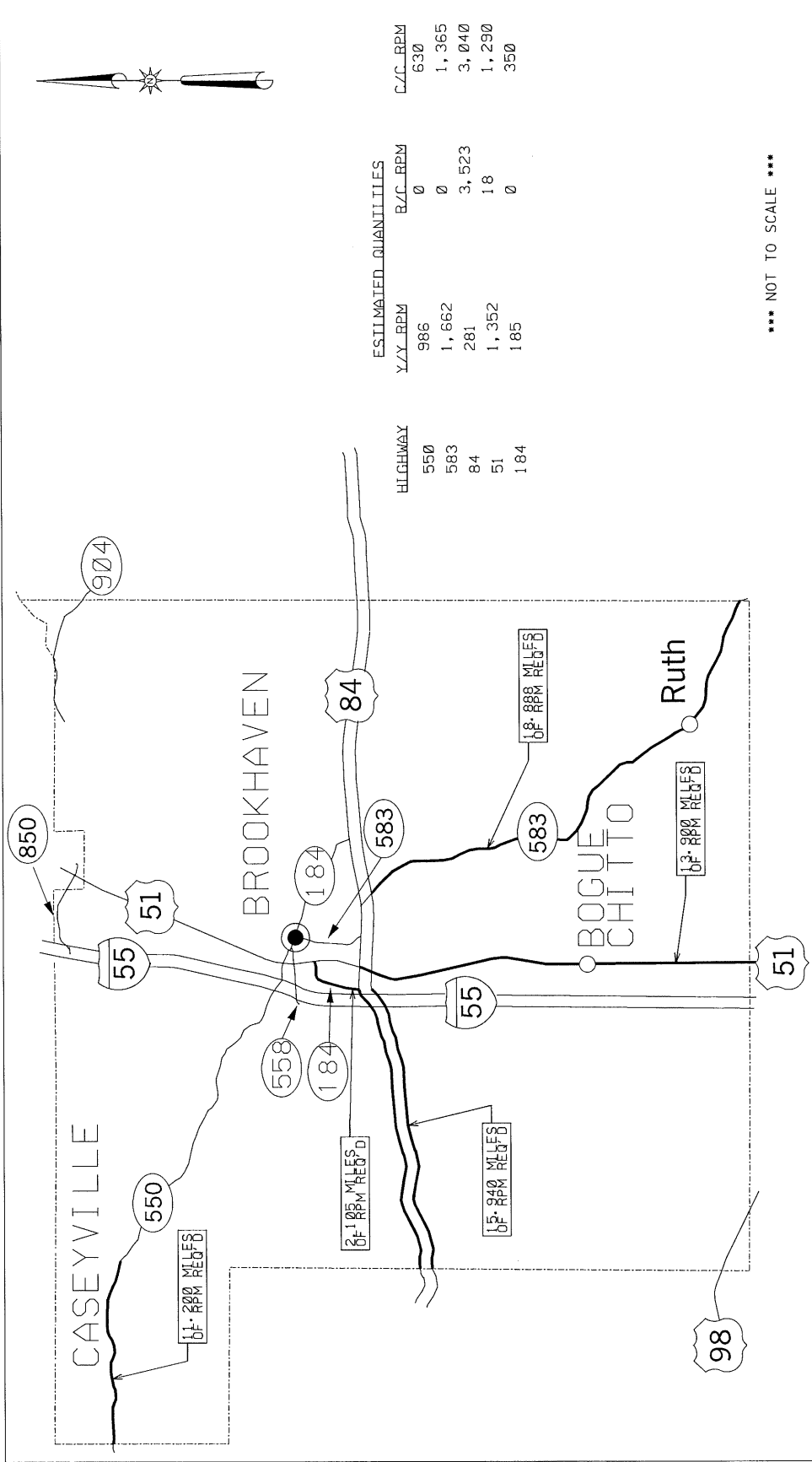
JEFF. DAVIS



ESTIMATED QUANTITIES	Y/Y_RPM	B/Z_C_RPM	C/Z_C_RPM
583	17	0	0
44	680	0	490

LAWRENCE

DISTRICT VII
STATE DESIGNATED - STATE MAINTAINED
HIGHWAY SYSTEM
OF
MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
TRANSPIRE IMPROVE PROJECT
STATE FUND ACCOUNT NUMBER 189



*** NOT TO SCALE ***

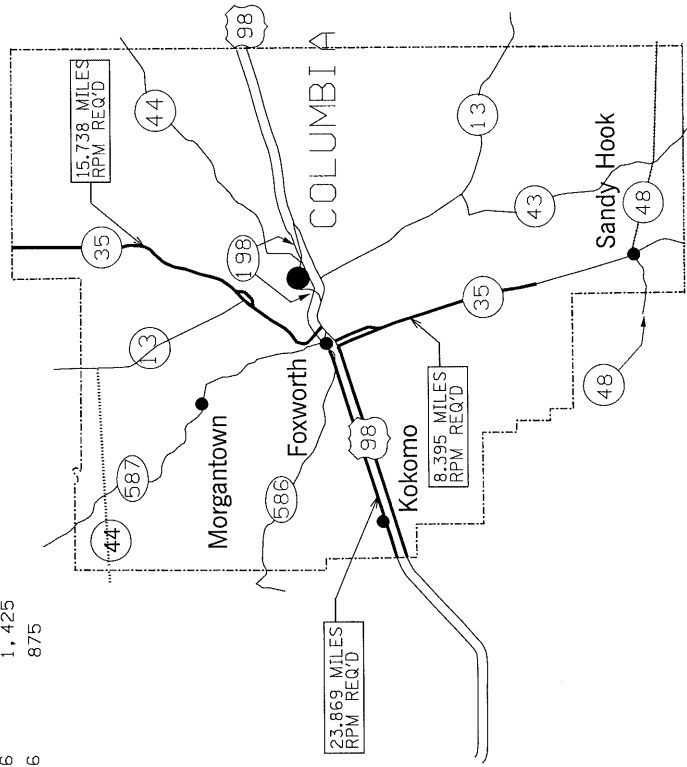
DISTRICT VII
STATE DESIGNATED - STATE MAINTAINED
HIGHWAY SYSTEM
OF
MISSISSIPPI
MISSISSIPPI
DEPARTMENT OF TRANSPORTATION
PLANNING DIVISION
U.S. DEPARTMENT OF TRANSPORTATION
TRANSPIRE ACTION DIVISION
STATE PLANNING COORDINATOR 1984

LINCOLN



ESTIMATED QUANTITIES

HLGHWAY	XYZ_RPM	R/ZC_RPM	C/ZC_RPM
98	281	5,275	1,290
35	2,182	176	1,425
35	802	176	875



*** NOT TO SCALE ***

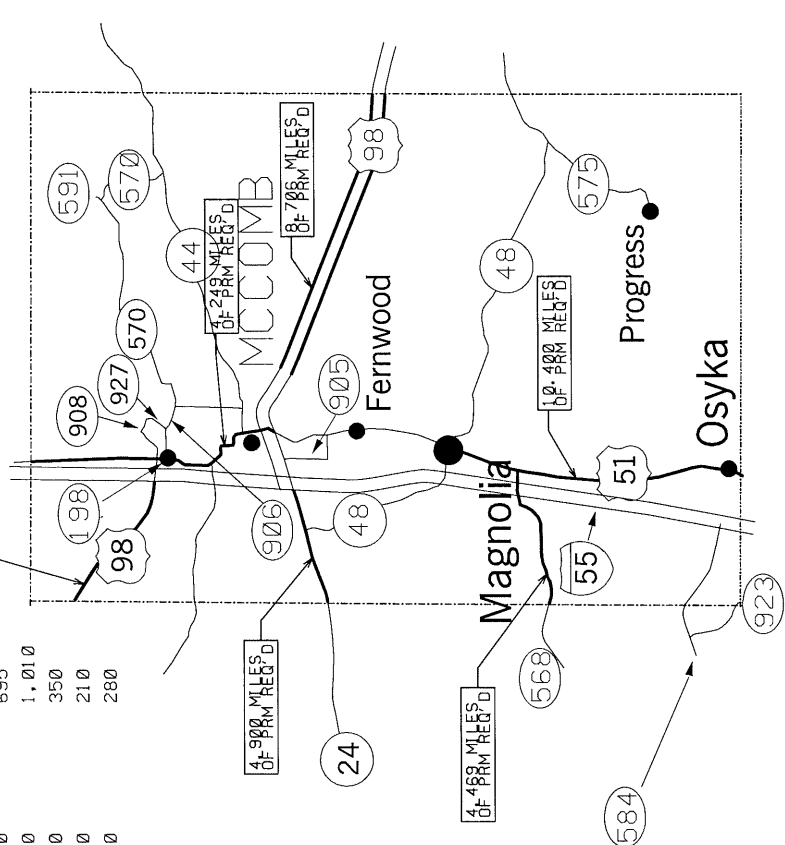
DISTRICT VII
 STATE DESIGNATED - STATE MAINTAINED
 HIGHWAY SYSTEM
 OF
 MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 IN COOPERATION WITH THE
 U.S. DEPARTMENT OF TRANSPORTATION
 THROUGH THE FEDERAL AID PROGRAM
 STATE FISCAL ASSISTANCE PLAN

MARION

ESTIMATED QUANTITIES

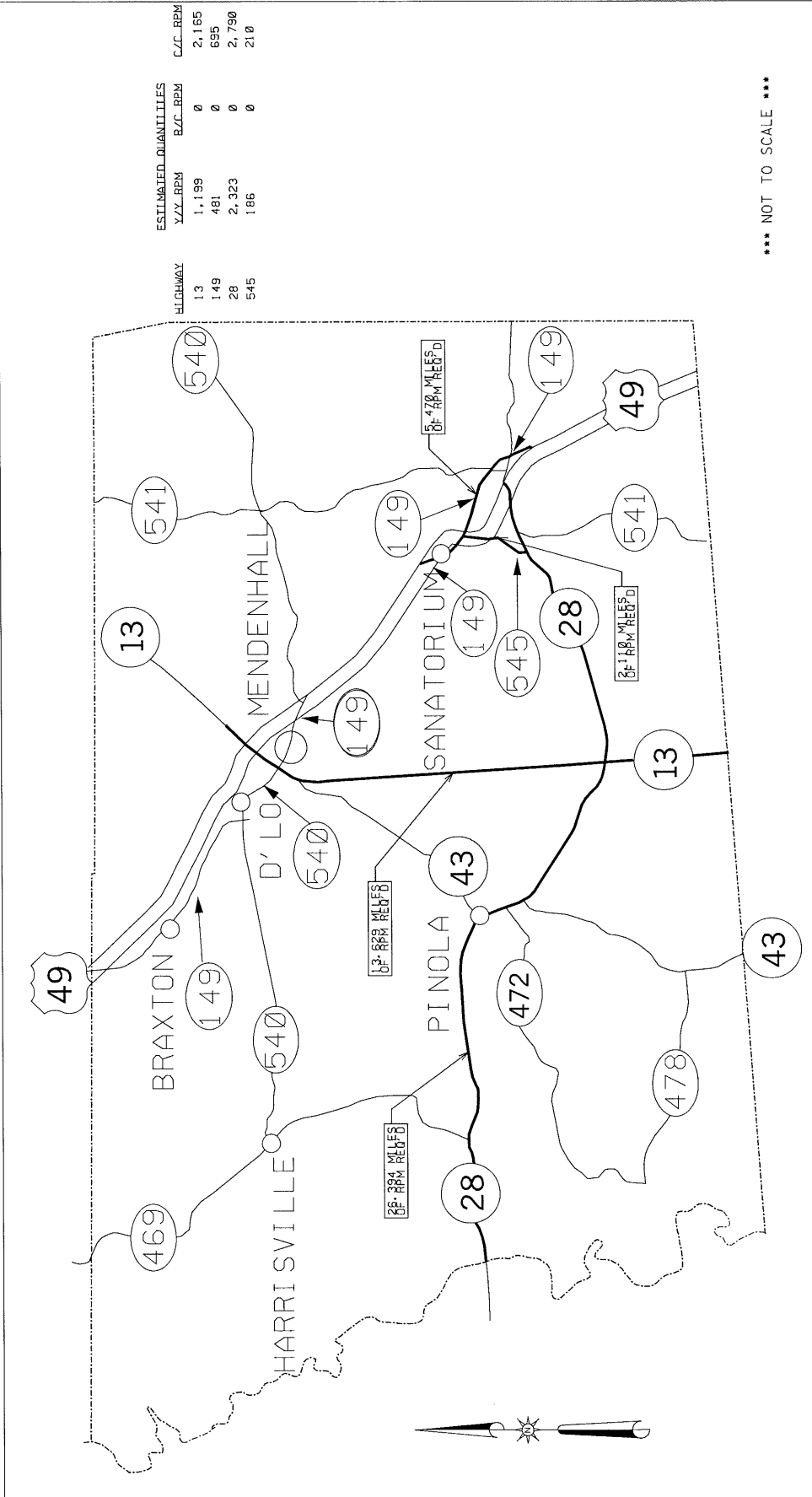
HIGHWAY	LYL RPM	R/C RPM	C/C REM
98	129	1,924	1,050
51	518	0	695
51	1,064	0	1,010
24	431	0	350
568	393	0	210
98	431	0	280



*** NOT TO SCALE ***

PIKE

DISTRICT VII
 STATE DESIGNATED - STATE MAINTAINED
 HIGHWAY SYSTEM
 OF
 MISSISSIPPI
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 PLANNING DIVISION
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL AID TO HIGHWAYS
 THROUGH ALABAMA PROJECT
 STATE FUND CONTRACT NO. 388

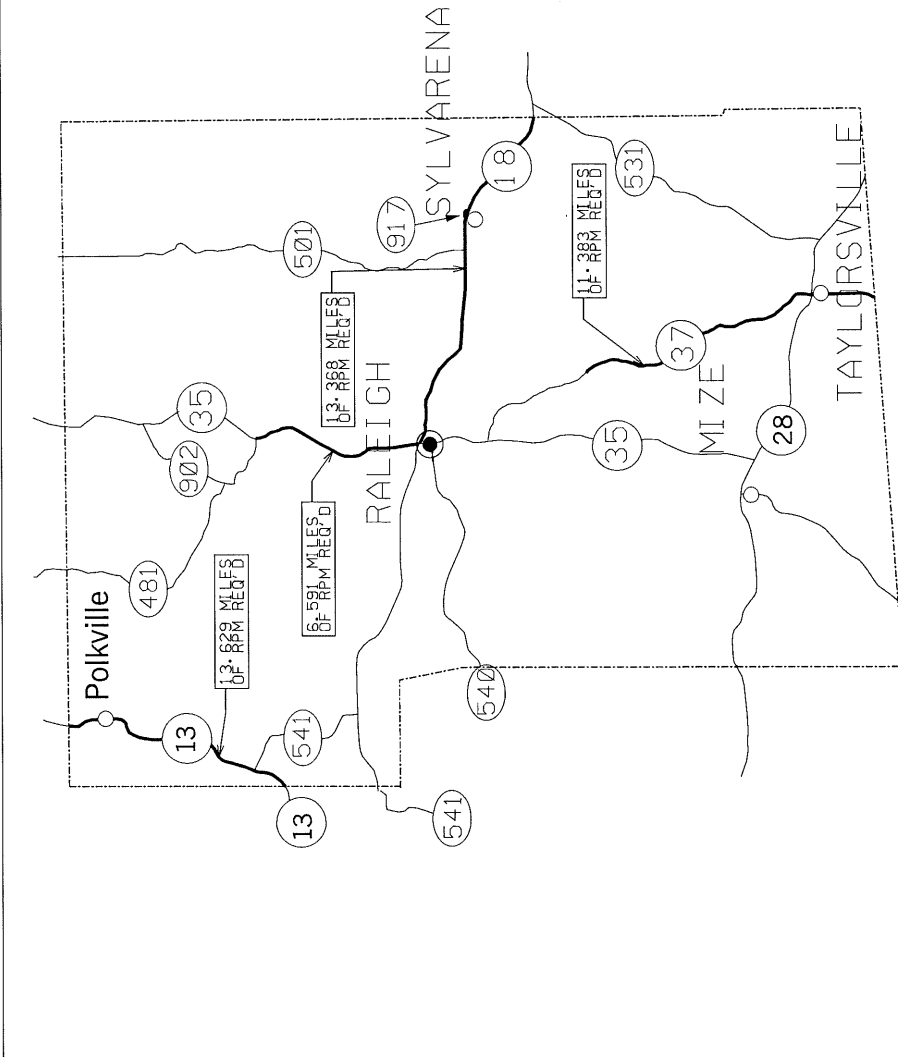


*** NOT TO SCALE ***

DISTRICT VII
 STATE DESIGNATED - STATE MAINTAINED
 HIGHWAY SYSTEM
 OF
 MISSISSIPPI

MEMBER OF THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 IN COOPERATION WITH THE FEDERAL HIGHWAY ADMINISTRATION
 STATE PLANT COMBUSTION SYSTEM 1984

SIMPSON



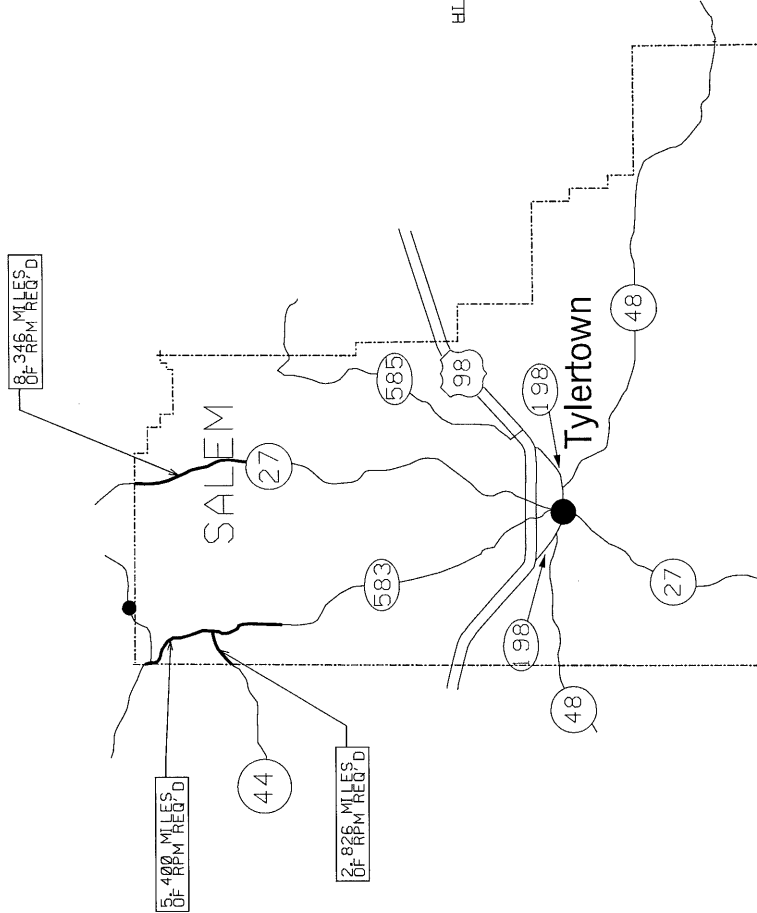
HIGHWAY	ESTIMATED QUANTITIES	Y/Y RPM	R/C RPM	C/C RPM
13	1,199	0	0	560
18	1,176	0	0	700
35	580	0	0	350
37	1,002	0	0	420

*** NOT TO SCALE ***

DISTRICT VII
STATE DESIGNATED - STATE MAINTAINED
HIGHWAY SYSTEM
OF
MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
IN COOPERATION WITH THE CORPORATION
FEDERAL HIGHWAY ADMINISTRATION
STATE PLANT COMBINE SYSTEM 1963

SMITH



HIGHWAY	Y/Y RPM	B/C RPM	C/C RPM
27	734	0	595
44	249	0	245
583	475	0	385

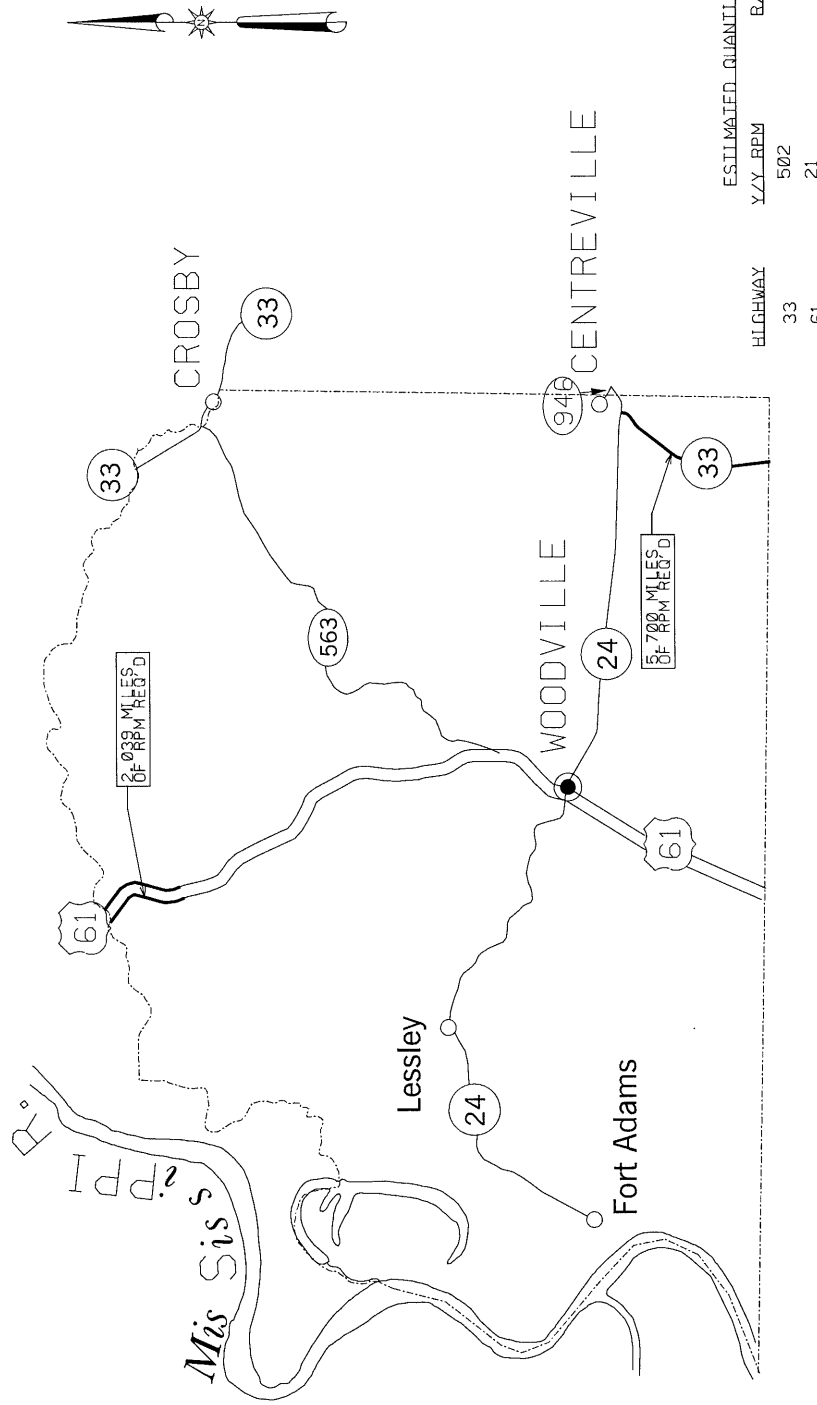
ESTIMATED QUANTITIES

*** NOT TO SCALE ***

WALTHALL

DISTRICT VII
 STATE DESIGNATED - STATE MAINTAINED
 HIGHWAY SYSTEM
 OF
 MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 1000 W. GARDNER BLVD.
 JACKSON, MISSISSIPPI 39201
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 400 NORTH MICHIGAN AVENUE
 ANN ARBOR, MICHIGAN 48106
 STATE FISCAL CONTROL SYSTEM



*** NOT TO SCALE ***

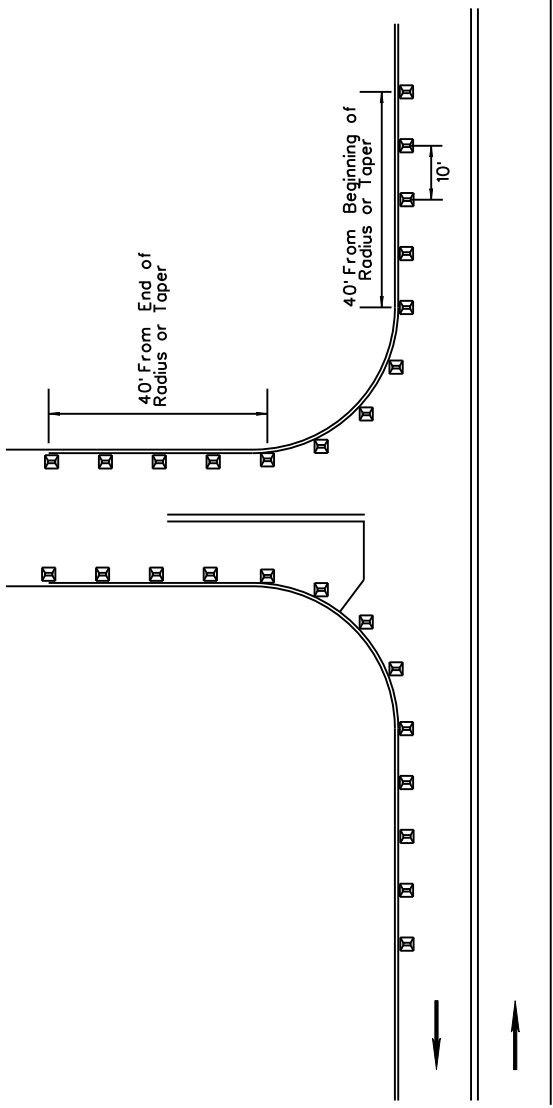
WILKINSON

DISTRICT VII
 STATE DESIGNATED - STATE MAINTAINED
 HIGHWAY SYSTEM
 OF
 MISSISSIPPI

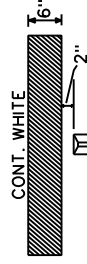
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 A CONTRACTOR WITH THE ASSOCIATION
 OF FEDERAL HIGHWAY AGENCIES
 STATE ROAD CONTRACT SYSTEM, 1983

STATE	PROJECT NO.
MSS.	STP-0213-000026

TYPICAL FOR RAISED PAVEMENT MARKERS
 PLACED ON SIDE ROAD RADIUS
 2-LANE, 2-WAY TRAFFIC



18



DETAIL A

Notice to Bidders No. 8

→ DIRECTION OF TRAFFIC

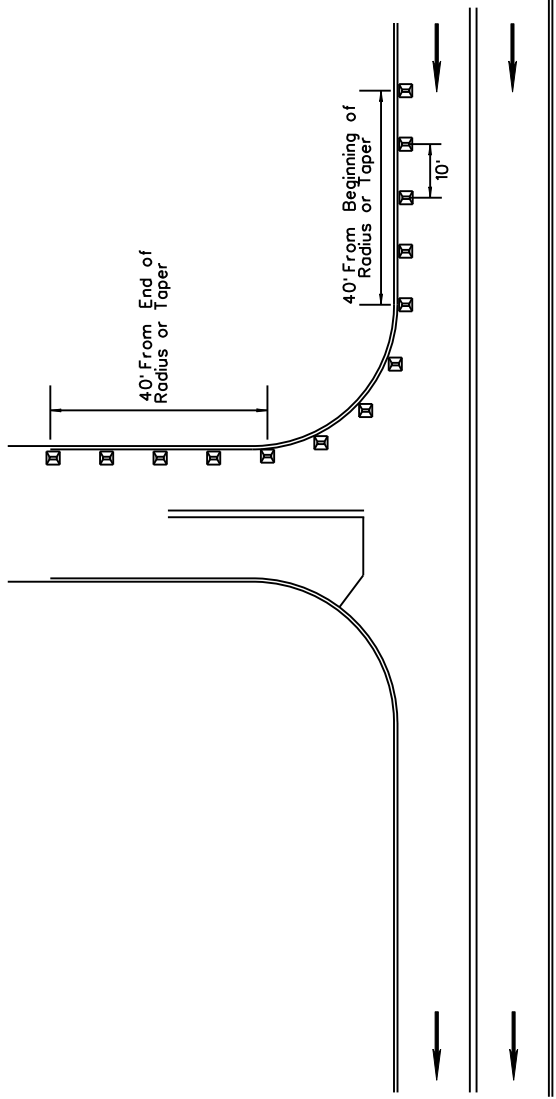
- NOTE 1: MARKERS SHALL BE PLACED EVERY 10 FEET.
- NOTE 2: MARKERS SHALL BE VISIBLE FROM THE TRAVELING MOTORIST ON STATE DESIGNATED HIGHWAYS.
- NOTE 3: MARKERS SHALL BE HIGH PERFORMANCE TWO WAY CLEAR.
- NOTE 4: FIVE (5) MARKERS SHALL BE PLACED ALONG MAINLINE EDGE STRIPE.
- NOTE 5: MARKERS FOR COUNTY ROADS SHALL CONTINUE DOWN THE EDGE STRIPE A DISTANCE OF 40 FEET.
- NOTE 6: MARKERS SHALL NOT BE ROTATED WHEN BEING PLACED ALONG RADIUS OF LOCAL ROAD.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
2-LANE, 2-WAY	
2-WAY CLEAR RAISED PAVEMENT MARKERS PLACED ON SIDE ROADS	
PROJECT NO.	
COUNTY :	
FILE NAME :	SP5SIDEORRPM.DGN
DESIGNER :	
DATE :	
WORKING NUMBER	
CRPMSR-2	
SHEET NUMBER	

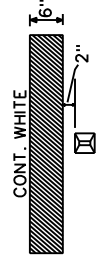
cont'd.

STATE	PROJECT NO.
MISS.	

TYPICAL FOR RAISED PAVEMENT MARKERS PLACED ON SIDE ROAD RADIUS 4-LANE TRAFFIC



19



DETAIL A

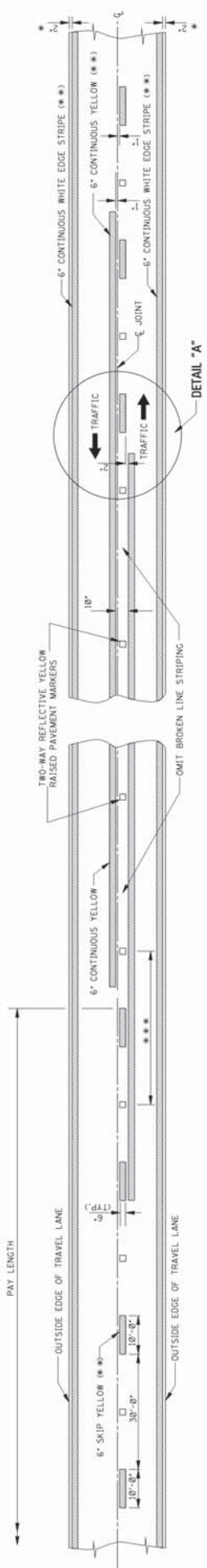
→ DIRECTION OF TRAFFIC

Notice To Bidders No. 8

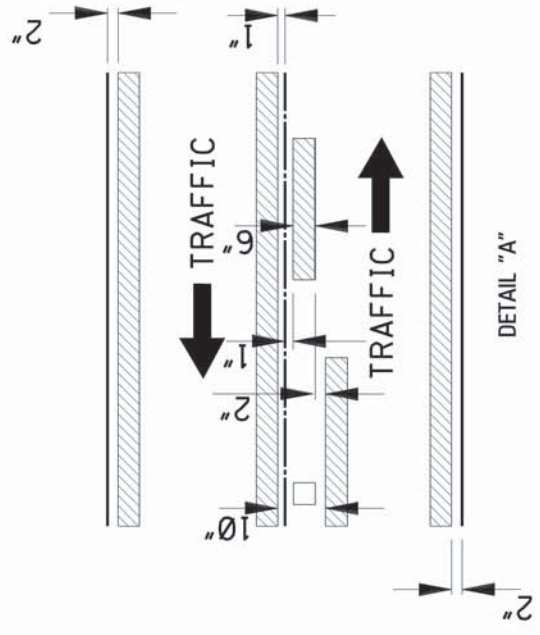
- NOTE 1: MARKERS SHALL BE PLACED EVERY 10 FEET.
- NOTE 2: MARKERS SHALL BE VISIBLE FROM THE TRAVELING MOTORIST ON STATE DESIGNATED HIGHWAYS.
- NOTE 3: MARKERS SHALL BE HIGH PERFORMANCE TWO WAY CLEAR.
- NOTE 4: FIVE (5) MARKERS SHALL BE PLACED ALONG MAINLINE EDGE STRIPE.
- NOTE 5: MARKERS FOR COUNTY ROADS SHALL CONTINUE DOWN THE EDGE STRIPE A DISTANCE OF 40 FEET.
- NOTE 6: MARKERS SHALL NOT BE ROTATED WHEN BEING PLACED ALONG RADIUS OF LOCAL ROAD.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
4 - LANE	
2-WAY CLEAR RAISED PAVEMENT MARKERS PLACED ON SIDE ROADS	
PROJECT NO.:	
COUNTY :	
FILE NAME: SE\SIDERDPRM.DGN	
DESIGN TEAM:	
DATE:	
WORKING NUMBER:	
CRPMSR-4	
SHEET NUMBER:	

cont'd.



TWO-WAY TRAFFIC
(ASPHALT OR CONCRETE PAVEMENT)



20



GENERAL NOTES:

- * 1. 2" UNLESS SHOWN ELSEWHERE ON THE PLANS.
- ** 2. EDGE STRIPE SHALL BE SAME MATERIAL AS LANE-LINE STRIPE (PAINT OR PLASTIC AS INDICATED IN PAY ITEMS).
- *** 3. SPACING OF REFLECTIVE RAISED PAVEMENT MARKERS IS AS FOLLOWS:

TANGENT SECTIONS	HORIZONTAL CURVES	INTERCHANGE LIMITS	URBAN AREA (4'-10" TO 4'-0")	RURAL AREA (4'-0" TO 4'-10")
40'-0"	40'-0"	40'-0"	40'-0"	40'-0"
80'-0"	80'-0"	40'-0"	80'-0"	80'-0"
120'-0"	120'-0"	40'-0"	120'-0"	120'-0"

† NOTE: ON THE MAIN FACILITY, REFLECTIVE RED-CLEAR PAVEMENT MARKERS ON A 40'-0" SPACING WILL BE REQUIRED ON ALL CURVES TO BE MAINTAINED THROUGHOUT THE RAMP 1800' IN ADVANCE IN DIRECTION OF TRAFFIC OF THE RAMP TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.

4. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE REFLECTIVE RAISED PAVEMENT MARKERS AS LISTED IN THE MOOT "APPROVED SOURCES OF MATERIALS."

Notice To Bidder No.87- Cont'd.



4-LANE WITH ONE-WAY TRAFFIC

46

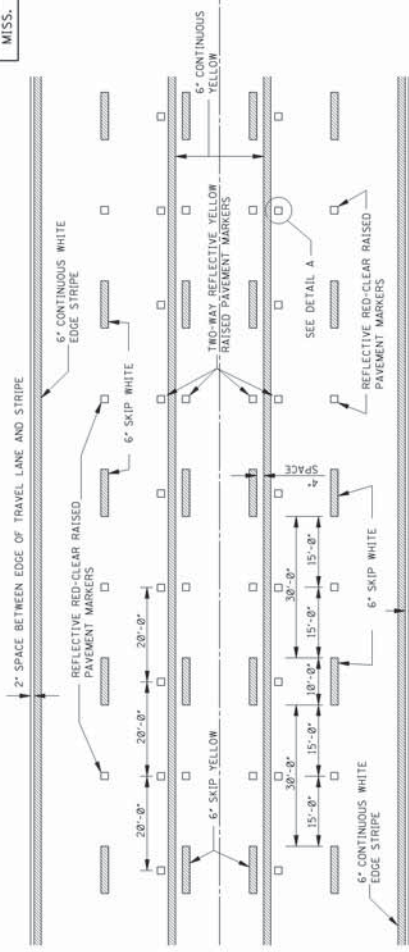
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

**PAVEMENT MARKING
DETAILS FOR
2-LANE AND 4-LANE
DIVIDED HIGHWAYS**

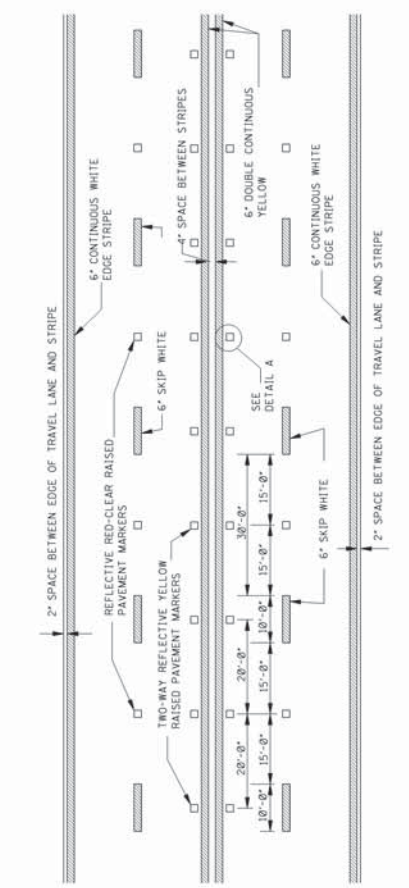
ISSUE DATE: OCTOBER 1, 1998

WORKING NUMBER: PM-1
SHEET NUMBER: 6120

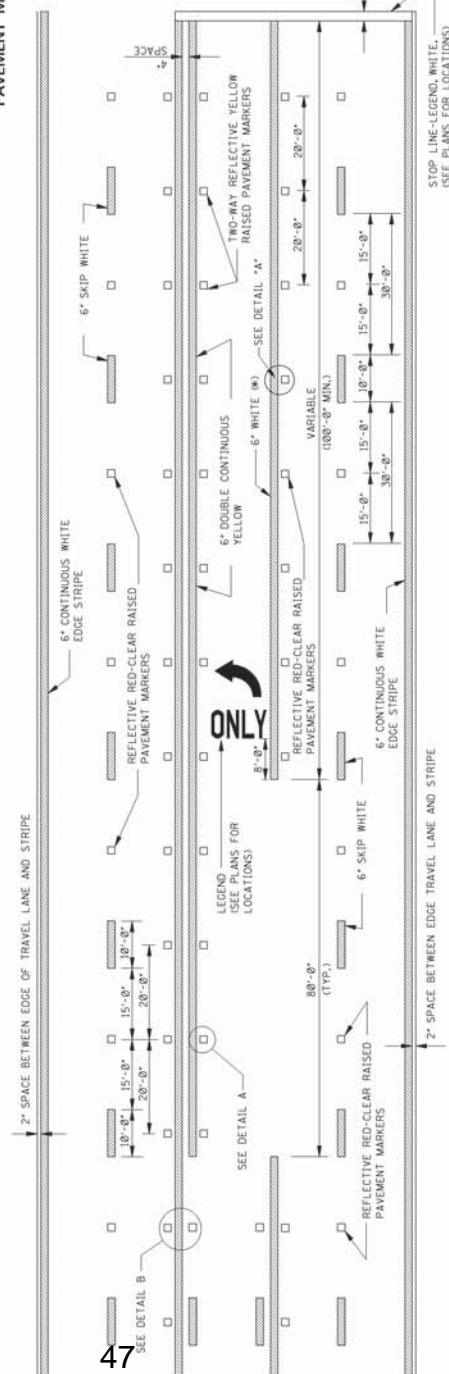
DATE	REVISION
7-1-99	REVISE STRIPE WIDTH



TYPICAL STRIPING AND RAISED PAVEMENT MARKERS FOR 5-LANE SECTION



TYPICAL STRIPING AND RAISED PAVEMENT MARKERS FOR 4-LANE SECTION



TYPICAL STRIPING AND RAISED PAVEMENT MARKERS AT LEFT TURN LANES

*NOTE: USE DETAIL STRIPING IF LENGTH \leq 150' AT THIS LOCATION; OTHERWISE USE CONTINUOUS STRIPING.

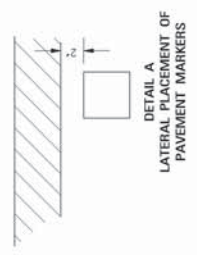
TYPICAL TWO-WAY ARROW INSTALLATION

- NOTES: 1. CONSIDER EACH SEGMENT OF CONTINUOUS TWO-WAY LEFT TURN LANE SEPARATELY.
2. IF SEGMENT IS LESS THAN 350', PLACE ONE SET OF ARROWS IN CENTER OF SEGMENT.
3. IF SEGMENT IS GREATER THAN 350', PLACE FIRST SET OF ARROWS 50' TO 100' FROM BEGINNING AND/OR END OF SEGMENT AND SPACE ADDITIONAL SETS OF ARROWS (250' O.C.).

47

21

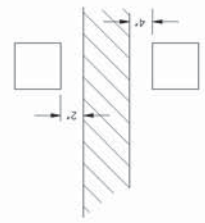
Notice To Bidder No.87- Cont'd.



DETAIL A
LATERAL PLACEMENT OF PAVEMENT MARKERS

GENERAL NOTE:

1. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE BEADED PAVEMENT MARKERS AS LISTED IN THE MOOT AND BEADED SOURCES OF MATERIALS.



DETAIL B
LATERAL PLACEMENT OF PAVEMENT MARKERS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

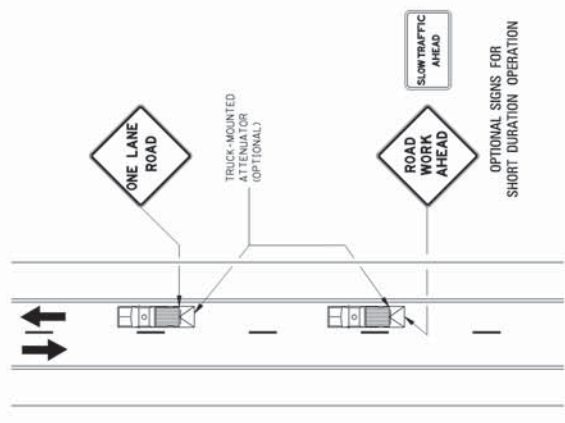
**PAVEMENT MARKING
DETAILS FOR
4-LANE AND 5-LANE
UNDIVIDED ROADWAYS**

ISSUE DATE: OCTOBER 1, 1998

PROJECT NUMBER: PM-2
SHEET NUMBER: 6121

NO.	DATE	BY	REVISION
1	10-1-98	SM	REVISE STRIPE WIDTH

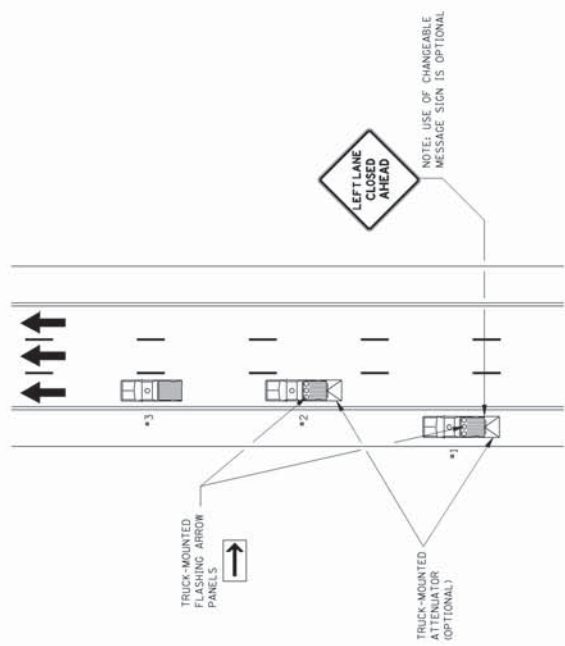
MOBILE OPERATIONS ON TWO-LANE ROAD



MOBILE OPERATIONS ON TWO-LANE ROAD

- NOTES:
- WHERE PRACTICAL AND WHEN NEEDED, THE WORK AND PROTECTION VEHICLES SHOULD BE OPERATED IN THE TRAVEL LANE. IF THIS CAN NOT BE DONE FREQUENTLY AS AN ALTERNATIVE, A "DO NOT PASS" SIGN MAY BE PLACED ON THE REAR OF THE VEHICLE BLOCKING THE LANE.
 - THE DISTANCE BETWEEN THE WORK AND PROTECTION VEHICLES MAY VARY ACCORDING TO THE TYPE OF OPERATION. PROTECTION VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. THE PROTECTION VEHICLE SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.
 - ADDITIONAL PROTECTION VEHICLES TO WARN AND REDUCE THE SPEED OF ONCOMING OR OPPOSING TRAFFIC MAY BE USED. POLICE PATROL CARS MAY BE USED FOR THIS PURPOSE.
 - A TRUCK-MOUNTED ATTENUATOR (TMA) SHOULD BE USED ON THE PROTECTION VEHICLE AND MAY BE USED ON THE WORK VEHICLE.
 - THE WORK VEHICLE SHALL BE EQUIPPED WITH BEACONS, AND THE PROTECTION VEHICLES SHOULD DISPLAY FLASHING OR ROTATING BEACONS BOTH FORWARD AND TO THE REAR.
 - VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGN LOCATED AT A MINIMUM HEIGHT OF 48" ABOVE THE PAVEMENT.
 - ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

MOBILE OPERATIONS ON MULTILANE ROAD



MOBILE OPERATIONS ON MULTILANE ROAD

- NOTES:
- VEHICLES USED FOR THESE OPERATIONS SHOULD BE MADE HIGHLY VISIBLE WITH APPROPRIATE EQUIPMENT, SUCH AS FLASHING LIGHTS, ROTATING BEACONS, FLAGS, SIGNS, OR ARROW PANELS.
 - PROTECTION VEHICLE #1 SHOULD BE EQUIPPED WITH AN ARROW PANEL. AN APPROPRIATE LANE CLOSURE SIGN SHOULD BE PLACED ON PROTECTION VEHICLE #1 SO AS NOT TO OBSCURE THE ARROW PANEL.
 - PROTECTION VEHICLE #2 SHOULD BE EQUIPPED WITH AN ARROW PANEL AND TRUCK-MOUNTED ATTENUATOR (TMA).
 - PROTECTION VEHICLE #1 SHOULD TRAVEL AT A VARYING DISTANCE FROM THE WORK OPERATION SO AS TO PROVIDE ADEQUATE SIGHT DISTANCE FOR TRAFFIC APPROACHING FROM THE REAR.
 - WHEN ADEQUATE SHOULDER WIDTH IS NOT AVAILABLE, PROTECTION VEHICLE #1 SHOULD BE ELIMINATED.
 - ON HIGH-SPEED ROADWAYS, A THIRD PROTECTION VEHICLE SHOULD BE USED (i.e., VEHICLE #1 ON THE SHOULDER (IF PRACTICAL), VEHICLE #2 IN THE CLOSED LANE, AND VEHICLE #3 IN THE CLOSED LANE).
 - ARROW PANELS SHALL BE AS A MINIMUM TYPE B, 60" X 30" IN ACCORDANCE WITH THE CRITERIA PRESENTED IN THE MUTCD.
 - WORK SHOULD NORMALLY BE DONE DURING OFF-PEAK HOURS.
 - ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

STATE PROJECT NO.	MISS.
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	
ISSUE DATE:	OCTOBER 1, 1998
SHEET NUMBER	TCP-11
SHEET NUMBER	6260

SECTION 905 - PROPOSAL

Date _____

Mississippi Transportation Commission
Jackson, Mississippi

Sirs: The following proposal is made on behalf of _____
_____ of _____

for constructing the following designated project(s) within the time(s) hereinafter specified.

The plans are composed of drawings and blue prints on file in the offices of the Mississippi Department of Transportation, Jackson, Mississippi.

The Specifications are the current Standard Specifications of the Mississippi Department of Transportation approved by the Federal Highway Administration, except where superseded or amended by the plans, Special Provisions and Notice(s) to Bidders attached hereto and made a part thereof.

I (We) certify that I (we) possess a copy of said Standard and any Supplemental Specifications.

Evidence of my (our) authority to submit the Proposal is hereby furnished. The proposal is made without collusion on the part of any person, firm or corporation. I (We) certify that I (we) have carefully examined the Plans, the Specifications, including the Special Provisions and Notice(s) to Bidders, herein, and have personally examined the site of the work. On the basis of the Specifications, Special Provisions, Notice(s) to Bidders, and Plans, I (we) propose to furnish all necessary machinery, tools, apparatus and other means of construction and do all the work and furnish all the materials in the manner specified. I (We) understand that the quantities mentioned herein are approximate only and are subject to either increase or decrease, and hereby propose to perform any increased or decreased quantities of work at the unit prices bid, in accordance with the above.

I (We) acknowledge that this proposal will be found irregular and/or non-responsive unless a certified check, cashier's check, or Proposal Guaranty Bond in the amount as required in the Advertisement (or, by law) is submitted electronically with the proposal or is delivered to the Contract Administration Engineer prior to the bid opening time specified in the advertisement.

INSTRUCTION TO BIDDERS: Alternate and Optional Items on Bid Schedule.

1. Two or more items entered opposite a single unit quantity WITHOUT DEFINITE DESIGNATION AS "ALTERNATE ITEMS" are considered as "OPTIONAL ITEMS". Bidders may or may not indicate on bids the Optional Item proposed to be furnished or performed WITHOUT PREJUDICE IN REGARD TO IRREGULARITY OF BIDS.
2. Items classified on the bid schedule as "ALTERNATE ITEMS" and/or "ALTERNATE TYPES OF CONSTRUCTION" must be preselected and indicated on bids. However, "Alternate Types of Construction" may include Optional Items to be treated as set out in Paragraph 1, above.
3. Optional items not preselected and indicated on the bid schedule MUST be designated in accordance with Subsection 102.06 prior to or at the time of execution of the contract.
4. Optional and Alternate items designated must be used throughout the project.

I (We) further propose to perform all "force account or extra work" that may be required of me (us) on the basis provided in the Specifications and to give such work my (our) personal attention in order to see that it is economically performed.

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) shall submit electronically with our proposal or deliver prior to the bid opening time a certified check, cashier's check or bid bond for **five percent (5%) of total bid** and hereby agree that in case of my (our) failure to execute the contract and furnish bond within Ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

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.

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.

Raised Pavement Markers on various routes in District Seven (7), known as State Project No. MP-7000-00(189) / 306154301 Districtwide.

Line no.	Item Code	Adj Code	Quantity	Units	Description[Fixed Unit Price]
					Roadway Items
0010	618-A001		1	Lump Sum	Maintenance of Traffic
0020	627-J001		30,975	Each	Two-Way Clear Reflective High Performance Raised Markers
0030	627-K001		18,276	Each	Red-Clear Reflective High Performance Raised Markers
0040	627-L001		29,157	Each	Two-Way Yellow Reflective High Performance Raised Markers

SECTION 905 - COMBINATION BID PROPOSAL (Continued)

CONDITIONS FOR COMBINATION BID

If a bidder elects to submit a combined bid for two or more of the contracts listed for this month's letting, the bidder must complete and execute these sheets of the proposal in each of the individual proposals to constitute a combination bid. In addition to this requirement, each individual contract shall be completed, executed and submitted in the usual specified manner.

Failure to execute this Combination Bid Proposal in each of the contracts combined will be just cause for each proposal to be received and evaluated as a separate bid.

It is understood that the Mississippi Transportation Commission not only reserves the right to reject any and all proposals, but also the right to award contracts upon the basis of lowest separate bids or combination bids most advantageous to the State.

It is further understood and agreed that the Combination Bid Proposal is for comparison of bids only and that each contract shall operate in every respect as a separate contract in accordance with its proposal and contract documents.

I (We) agree to complete each contract on or before its specified completion date.

COMBINATION BID PROPOSAL

This proposal is tendered as one part of a Combination Bid Proposal utilizing option ___* of Subsection 102.11 on the following contracts:

* Option to be shown as either (a), (b), or (c).

	<u>Project No.</u>	<u>County</u>	<u>Project No.</u>	<u>County</u>
1.	_____	_____	6.	_____
2.	_____	_____	7.	_____
3.	_____	_____	8.	_____
4.	_____	_____	9.	_____
5.	_____	_____	10.	_____

(a) If Combination A has been selected, your Combination Bid is complete.

(b) If Combination B has been selected, then complete the following page.

SECTION 905 - COMBINATION BID PROPOSAL (Continued)

Project Number	Pay Item Number	Unit	Unit Price Reduction	Total Item Reduction	Total Contract Reduction
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					

For Informational Purposes Only

SECTION 905 - COMBINATION BID PROPOSAL (Continued)

Project Number	Pay Item Number	Unit	Unit Price Reduction	Total Item Reduction	Total Contract Reduction
9.					
10.					

(c) If Combination C has been selected, then initial and complete ONE of the following.

_____ I (We) desire to be awarded work not to exceed a total monetary value of \$ _____.

_____ I (We) desire to be awarded work not to exceed _____ number of contracts.



TO: EXECUTIVE DIRECTOR, MISSISSIPPI DEPARTMENT OF TRANSPORTATION
JACKSON, MISSISSIPPI

CERTIFICATE

If awarded this contract, I (we) contemplate that portions of the contract will be sublet. I (we) certify that those subcontracts which are equal to or in excess of fifty thousand dollars (\$50,000.00) will be in accordance with regulations promulgated and adopted by the Mississippi State Board of Contractors on September 8, 2011.

I (we) agree that this notification of intent DOES NOT constitute APPROVAL of the subcontracts.

_____	_____
(Individual or Firm)	(Address)
_____	_____
(Individual or Firm)	(Address)
_____	_____
(Individual or Firm)	(Address)
_____	_____
(Individual or Firm)	(Address)

NOTE: Failure to complete the above DOES NOT preclude subsequent subcontracts. Subsequent subcontracts, if any, equal to or in excess of fifty thousand dollars (\$50,000.00) will be in accordance with regulations promulgated and adopted by the Mississippi State Board of Contractors on September 8, 2011.

Contractor _____

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
CERTIFICATION

I, _____,
(Name of person signing bid)

individually, and in my capacity as _____ of
(Title of person signing bid)

(Name of Firm, partnership, or Corporation)

do hereby certify under penalty of perjury under the laws of the United States and the State of Mississippi
that _____, Bidder
(Name of Firm, Partnership, or Corporation)

on Project No. **MP-7000-00(189)/ 306154301000**

in **District 7** _____ County(ies), Mississippi, has not either
directly or indirectly entered into any agreement, participated in any collusion; or otherwise taken any action
in restraint of free competitive bidding in connection with this contract; nor have any of its corporate
officers or principal owners.

Except as noted hereafter, it is further certified that said legal entity and its corporate officers, principal
owners, managers, auditors and others in a position of administering federal funds are not currently under
suspension, debarment, voluntary exclusion or determination of ineligibility; nor have a debarment pending;
nor been suspended, debarred, voluntarily excluded or determined ineligible within the past three years by
the Mississippi Transportation Commission, the State of Mississippi, any other State or a federal agency; nor
been indicted, convicted or had a civil judgment rendered by a court of competent jurisdiction in any matter
involving fraud or official misconduct within the past three years.

Do exceptions exist and are made a part thereof? Yes / No

Any exceptions shall address to whom it applies, initiating agency and dates of such action.

Note: Exceptions will not necessarily result in denial of award but will be considered in determining bidder
responsibility. Providing false information may result in criminal prosecution or administrative sanctions.

All of the foregoing is true and correct.

(1/2016 S)

SECTION 902

CONTRACT FOR MP-7000-00(189)/ 306154301000

LOCATED IN THE COUNTY(IES) OF District 7

STATE OF MISSISSIPPI,
COUNTY OF HINDS

This contract entered into by and between the Mississippi Transportation Commission on one hand, and the undersigned contractor, on the other witnesseth;

That, in consideration of the payment by the Mississippi Transportation Commission of the prices set out in the proposal hereto attached, to the undersigned contractor, such payment to be made in the manner and at the time of times specified in the specifications and the special provisions, if any, the undersigned contractor hereby agrees to accept the prices stated in the proposal in full compensation for the furnishing of all materials and equipment and the executing of all the work contemplated in this contract.

It is understood and agreed that the advertising according to law, the Advertisement, the instructions to bidders, the proposal for the contract, the specifications, the revisions of the specifications, the special provisions, and also the plans for the work herein contemplated, said plans showing more particularly the details of the work to be done, shall be held to be, and are hereby made a part of this contract by specific reference thereto and with like effect as if each and all of said instruments had been set out fully herein in words and figures.

It is further agreed that for the same consideration the undersigned contractor shall be responsible for all loss or damage arising out of the nature of the work aforesaid; or from the action of the elements and unforeseen obstructions or difficulties which may be encountered in the prosecution of the same and for all risks of every description connected with the work, exceptions being those specifically set out in the contract; and for faithfully completing the whole work in good and workmanlike manner according to the approved Plans, Specifications, Special Provisions, Notice(s) to Bidders and requirements of the Mississippi Department of Transportation.

It is further agreed that the work shall be done under the direct supervision and to the complete satisfaction of the Executive Director of the Mississippi Department of Transportation, or his authorized representatives, and when Federal Funds are involved subject to inspection at all times and approval by the Federal Highway Administration, or its agents as the case may be, or the agents of any other Agency whose funds are involved in accordance with those Acts of the Legislature of the State of Mississippi approved by the Governor and such rules and regulations issued pursuant thereto by the Mississippi Transportation Commission and the authorized Federal Agencies.

The Contractor agrees that all labor as outlined in the Special Provisions may be secured from list furnished by

It is agreed and understood that each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be inserted herein and this contract shall be read and enforced as though it were included herein, and, if through mere mistake or otherwise any such provision is not inserted, then upon the application of either party hereto, the contract shall forthwith be physically amended to make such insertion.

The Contractor agrees that he has read each and every clause of this Contract, and fully understands the meaning of same and that he will comply with all the terms, covenants and agreements therein set forth.

Witness our signatures this the ___ day of _____, _____.

Contractor(s)

By _____

MISSISSIPPI TRANSPORTATION COMMISSION

Title _____

By _____

Signed and sealed in the presence of:
(names and addresses of witnesses)

Executive Director

Secretary to the Commission

Award authorized by the Mississippi Transportation Commission in session on the ___ day of _____, _____, Minute Book No. _____, Page No. _____.

SECTION 903
PERFORMANCE AND PAYMENT BOND

CONTRACT BOND FOR: MP-7000-00(189)/ 306154301000

LOCATED IN THE COUNTY(IES) OF: District 7

STATE OF MISSISSIPPI,
COUNTY OF HINDS

Know all men by these presents: that we, _____

(Contractor)

Principal, a _____

residing at _____ in the State of _____

and _____

(Surety)
residing at _____ in the State of _____,

authorized to do business in the State of Mississippi, under the laws thereof, as surety, effective as of the contract date shown below, are held and firmly bound unto the State of Mississippi in the sum of _____

_____ Dollars, lawful money of the United States of America, to be paid to it for which payment well and truly to be made, we bind ourselves, our heirs, administrators, successors, or assigns jointly and severally by these presents.

The conditions of this bond are such, that whereas the said _____

_____ principal, has (have) entered into a contract with the Mississippi Transportation Commission, bearing the date of _____ day of _____ A.D. _____ hereto annexed, for the construction of certain projects(s) in the State of Mississippi as mentioned in said contract in accordance with the Contract Documents therefor, on file in the offices of the Mississippi Department of Transportation, Jackson, Mississippi.

Now therefore, if the above bounden _____ in all things shall stand to and abide by and well and truly observe, do keep and perform all and singular the terms, covenants, conditions, guarantees and agreements in said contract, contained on his (their) part to be observed, done, kept and performed and each of them, at the time and in the manner and form and furnish all of the material and equipment specified in said contract in strict accordance with the terms of said contract which said plans, specifications and special provisions are included in and form a part of said contract and shall maintain the said work contemplated until its final completion and acceptance as specified in Subsection 109.11 of the approved specifications, and save harmless said Mississippi Transportation Commission from any loss or damage arising out of or occasioned by the negligence, wrongful or criminal act, overcharge, fraud, or any other loss or damage whatsoever, on the part of said principal (s), his (their) agents, servants, or employees in the performance of said work or in any manner connected therewith, and shall be liable and responsible in a civil action instituted by the State at the instance of the Mississippi Transportation Commission or any officer of the State authorized in such cases, for double any amount in money or property, the State may lose or be overcharged or otherwise defrauded of, by reason of wrongful or criminal act, if any, of the Contractor(s), his (their) agents or employees, and shall promptly pay the said agents, servants and employees and all persons furnishing labor, material, equipment or supplies therefor, including premiums incurred, for Surety Bonds, Liability Insurance, and Workmen's Compensation Insurance; with the additional obligation that such Contractor shall promptly make payment of all taxes, licenses, assessments, contributions, damages,

any liquidated damages which may arise prior to any termination of said principal's contract, any liquidated damages which may arise after termination of the said principal's contract due to default on the part of said principal, penalties and interest thereon, when and as the same may be due this state, or any county, municipality, board, department, commission or political subdivision: in the course of the performance of said work and in accordance with Sections 31-5-51 et seq. Mississippi Code of 1972, and other State statutes applicable thereto, and shall carry out to the letter and to the satisfaction of the Executive Director of the Mississippi Department of Transportation, all, each and every one of the stipulations, obligations, conditions, covenants and agreements and terms of said contract in accordance with the terms thereof and all of the expense and cost and attorney's fee that may be incurred in the enforcement of the performance of said contract, or in the enforcement of the conditions and obligations of this bond, then this obligation shall be null and void, otherwise to be and remain in full force and virtue.

_____	_____
(Contractors) Principal	Surety
By _____	By _____
	(Signature) Attorney in Fact
	Address _____

Title _____	_____
(Contractor's Seal)	(Printed) MS Agent

	(Signature) MS Agent
	Address _____

	(Surety Seal)

	Mississippi Insurance ID Number



BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we _____
Contractor

Address

City, State ZIP

As principal, hereinafter called the Principal, and _____
Surety

a corporation duly organized under the laws of the state of _____

as Surety, hereinafter called the Surety, are held and firmly bound unto State of Mississippi, Jackson, Mississippi

As Obligee, hereinafter called Obligee, in the sum of **Five Per Cent (5%) of Amount Bid**

Dollars(\$ _____)

for the payment of which sum will and truly to be made, the said Principal and said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for **Raised Pavement Markers on various routes in District Seven (7), known as State Project No. MP-7000-00(189) / 306154301 Districtwide.**

NOW THEREFORE, the condition of this obligation is such that if the aforesaid Principal shall be awarded the contract, the said Principal will, within the time required, enter into a formal contract and give a good and sufficient bond to secure the performance of the terms and conditions of the contract, then this obligation to be void; otherwise the Principal and Surety will pay unto the Obligee the difference in money between the amount of the bid of the said Principal and the amount for which the Obligee legally contracts with another party to perform the work if the latter amount be in excess of the former, but in no event shall liability hereunder exceed the penal sum hereof.

Signed and sealed this _____ day of _____, 20__

(Witness)

(Principal) (Seal)

By: _____
(Name) (Title)

(Surety) (Seal)

(Witness)

By: _____
(Attorney-in-Fact)

(MS Agent)

Mississippi Insurance ID Number