

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. 1 DATED 7/18/2017 ADDENDUM NO. DATED
 ADDENDUM NO. DATED ADDENDUM NO. DATED

Number	Description
1	Added NTB No. 115, Revised TOC; Amendment EBS 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-3082-76(015)/ 306136301000

Washington County(ies)

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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Progress Schedule

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

07/18/2017 09:12 AM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 – NOTICE TO BIDDERS NO. 115

CODE: (SP)

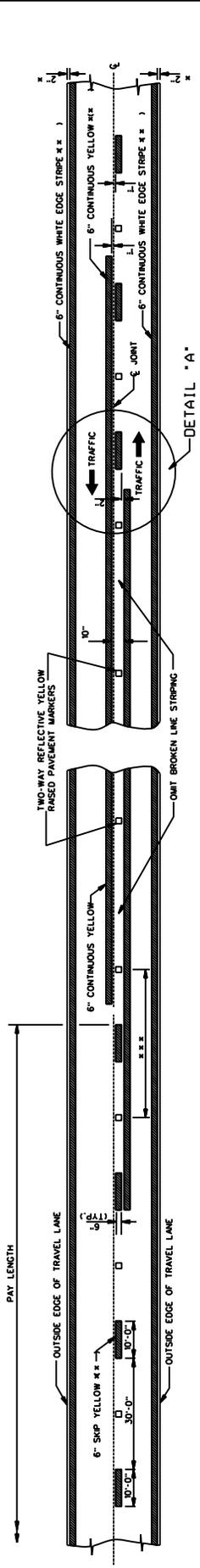
DATE: 04/19/2017

SUBJECT: Standard Drawings

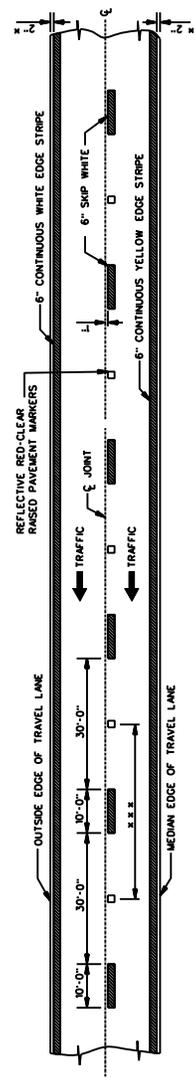
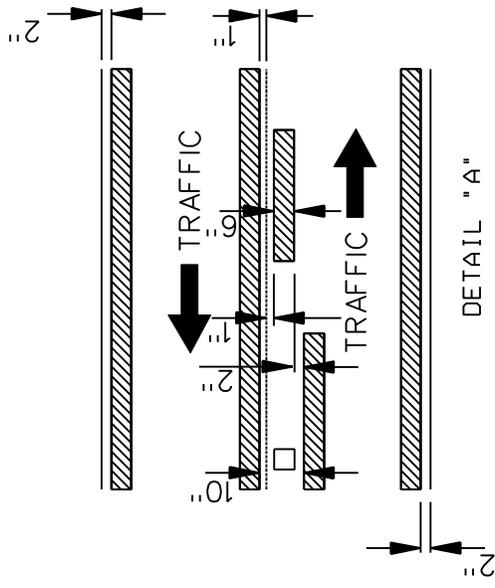
Standard Drawings attached hereto shall govern appropriate items of required work.

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)



4-LANE WITH ONE-WAY TRAFFIC



GENERAL NOTES:

- * 1. 2" UNLESS SHOWN ELSEWHERE ON THE PLANS.
 - ** 2. EDGE STRIPES SHALL BE SAME MATERIAL AS LANE-LINE STRIPES (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" |
- 1. NOTES: ON THE MAIN FACILITY, REFLECTIVE RED-CLEAR BASED PAVEMENT MARKERS ON A 40'-0" SPACING WILL BE REQUIRED ON LANE-LINES 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."

Notice To Bidders

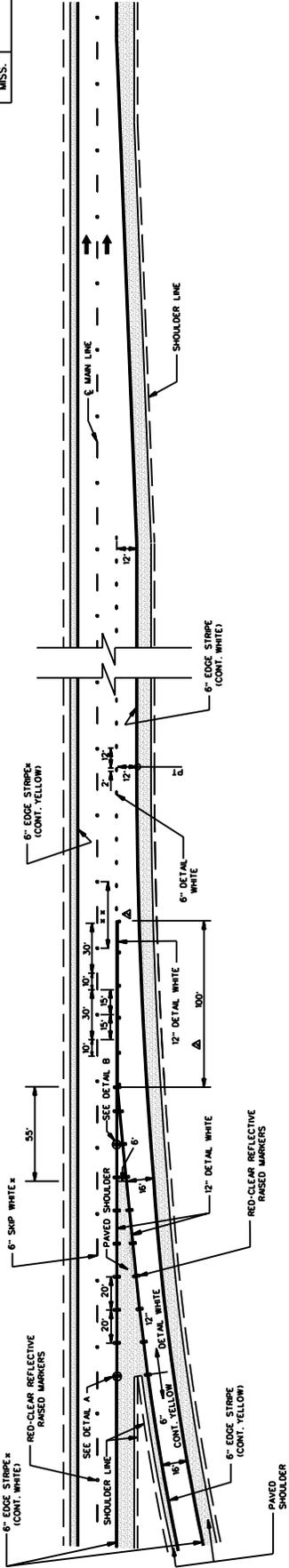
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

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

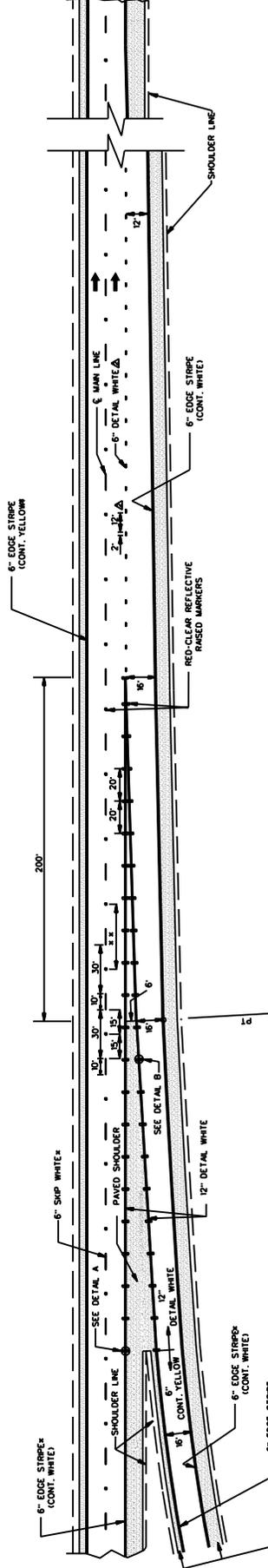
WORK NUMBER: PM-1
SHEET NUMBER: 100

ISSUE DATE: OCTOBER 1, 1998

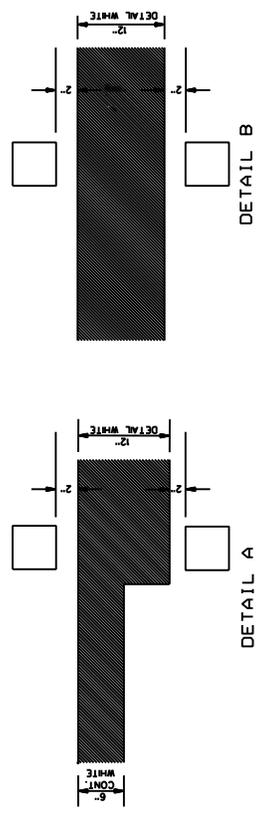
STATE	PROJECT NO.
MISS.	



PARALLEL ENTRANCE RAMP



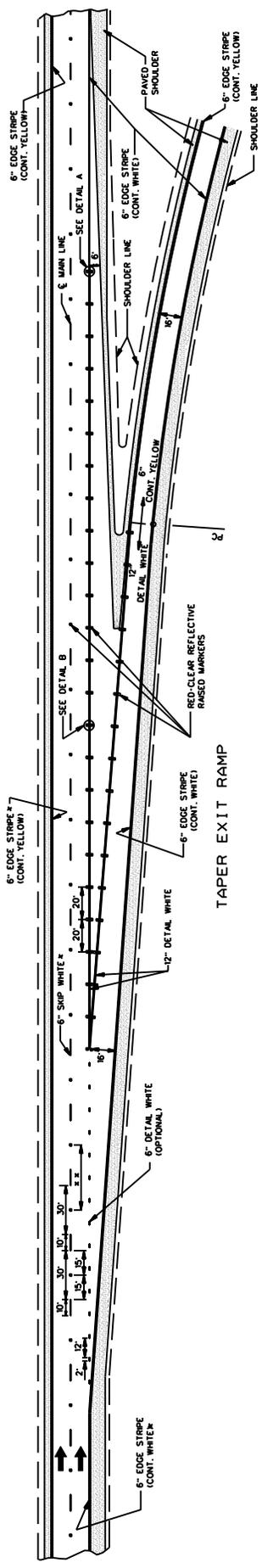
TAPER ENTRANCE RAMP



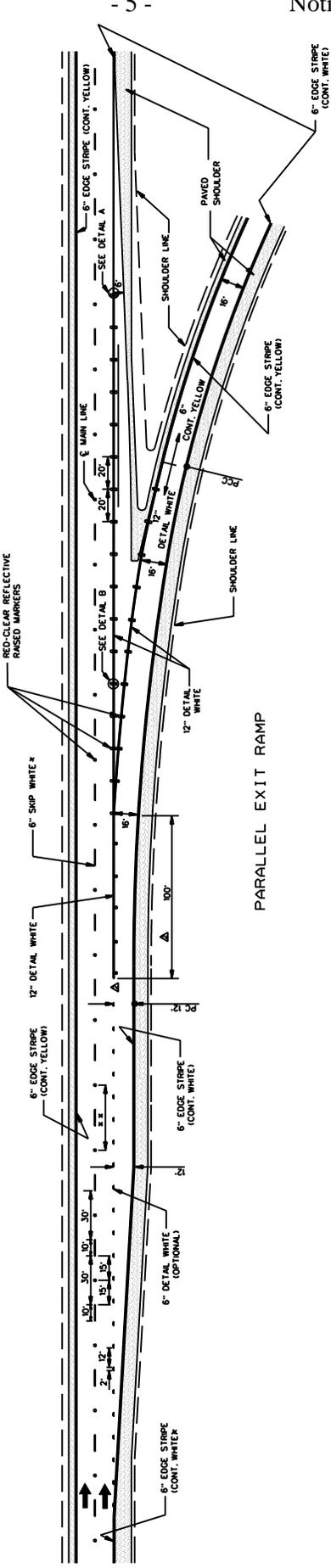
- GENERAL NOTES:
- * 1. SEE SHEET PM-1 FOR THE PLACEMENT OF LANE-LINE STRIPES AND RED-CLEAR REFLECTIVE RAISED MARKERS. THE PLACEMENT OF THE EDGE LINE WITH RESPECT TO THE OUTSIDE EDGE OF THE TRAVELED WAY.
 - * 2. ON THE MAIN FACILITY, PLACE REFLECTIVE RED-CLEAR RAISED PAVEMENT MARKERS AT A 40' SPACING ON ALL LANE-LINES THROUGHOUT THE INTERCHANGE AREA BEGINNING 300' IN THE MAIN FACILITY 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	
PAVEMENT MARKING DETAILS FOR INTERCHANGE RAMP (PARALLEL AND TAPER)	
ISSUE DATE:	OCTOBER 1, 1998
WORKING NUMBER	SDPM-3
SHEET NUMBER	

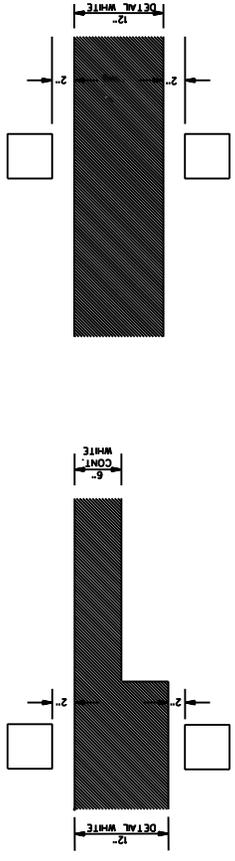
STATE	PROJECT NO.
MISS.	



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 TRAVELLED WAY.
 - ON THE MAINLINE, PLACE REFLECTIVE RED-CLEAR BASED PAVED SHOULDER MARKING (SD-10) 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 SPECIFIED IN THE MOOT "APPROVED SOURCES OF MATERIALS."

DATE	ISSUE
10/1/99	1
10/1/99	2
10/1/99	3
10/1/99	4
10/1/99	5
10/1/99	6
10/1/99	7
10/1/99	8
10/1/99	9
10/1/99	10

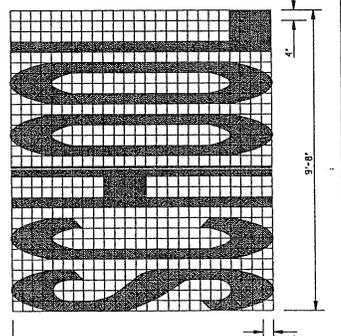
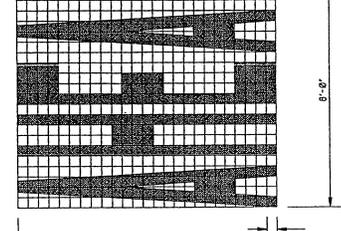
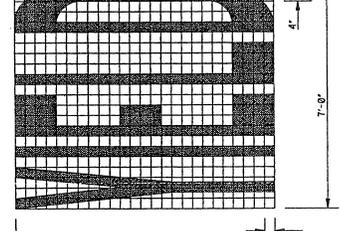
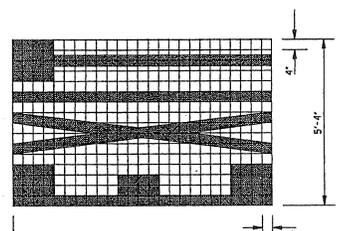
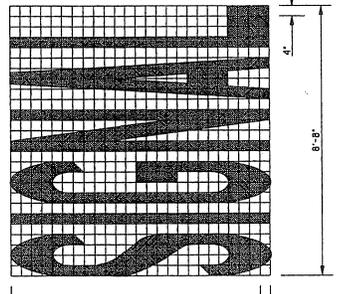
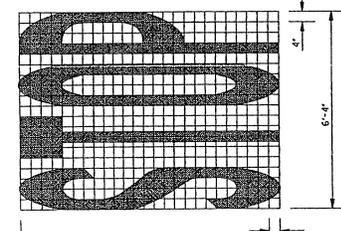
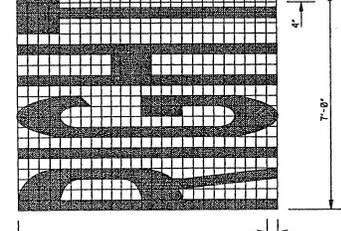
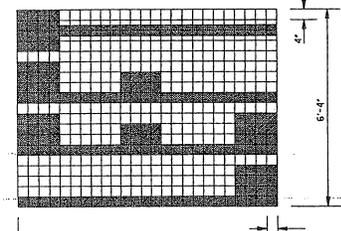
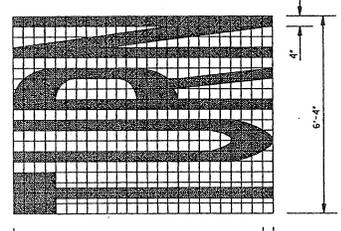
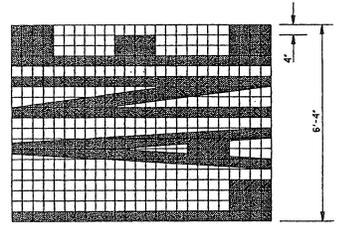
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

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

WORKING NUMBER: SDPM-41
SHEET NUMBER: 151

ISSUE DATE: OCTOBER 1, 1998

STATE PROJECT NO.
MISS.



- GENERAL NOTES:
1. UNLESS OTHERWISE SHOWN ON THE PLANS, ALL PAVEMENT MARKING LEGENDS SHALL BE APPLIED USING HIGH PERFORMANCE POLYURETHANE PAINT.
 2. TWO HORIZONTAL GAPS (CAUSED BY TEMPLATE CONNECTORS OF 1/4" OR LESS) AND EXTENDING LETTERS SHALL BE USED TO MAINTAIN THE FULL WIDTH OF THE MARKING.
 3. FOR OTHER DETAILS SEE THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES.
 4. PAY QUANTITIES FOR PAVEMENT MARKING LEGENDS ARE AS FOLLOWS:

LEGEND	AREA (FT ²)
STOP	24.6
TRAFFIC	35.8
SCHOOL	32.3
LANE	22.7
AHEAD	32.3
EXIT	18.5
SIGNAL	32.5
SCHOOL	35.5

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

PAVEMENT MARKING LEGEND DETAILS

ISSUE DATE: OCTOBER 1, 1998

REVISION

DATE

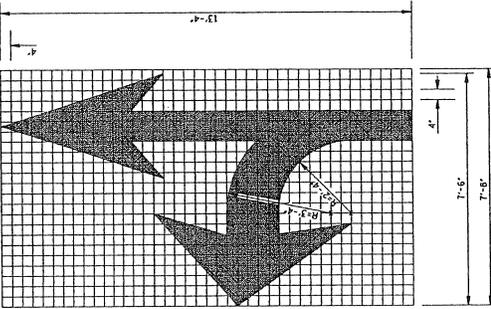
BY

PROJECT NUMBER

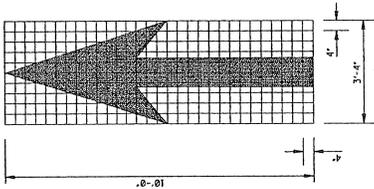
SHEET NUMBER

124

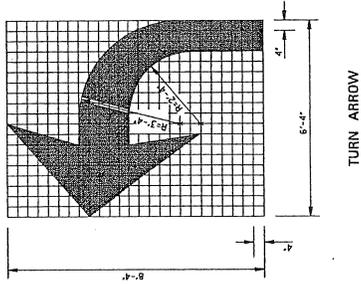
STATE PROJECT NO.
MISS.



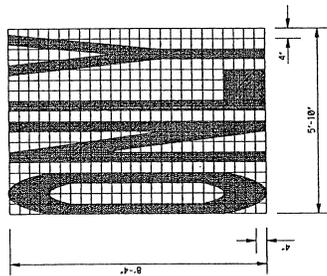
COMBINATION ARROW



THRU ARROW



TURN ARROW



1-WAY ARROW

GENERAL NOTES:

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

PAY QUANTITIES	
LEGEND/SYMBOL	AREA (ft ²)
ONLY	22.0
TURN ARROW	18.4
THRU ARROW	21.2
COMBINATION ARROW	27.5
1-WAY ARROW	24.3

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

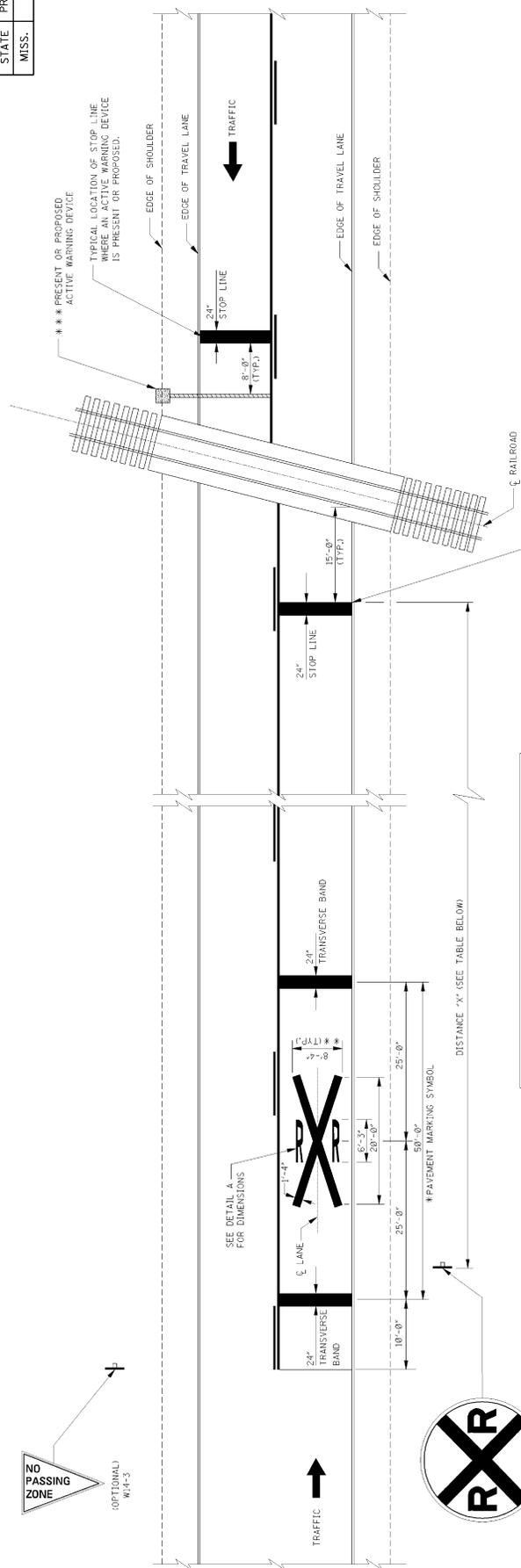
**PAVEMENT MARKING
LEGEND DETAILS**

WORKING NUMBER
PM-6

SHEET NUMBER
125

ISSUE DATE: OCTOBER 1, 1998

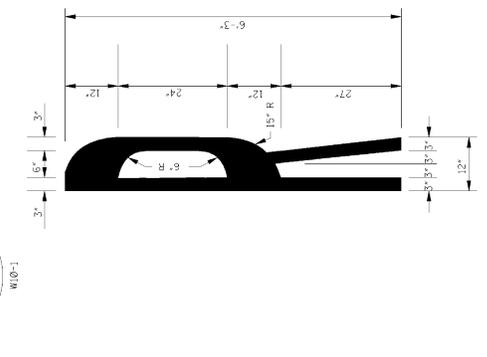
DATE	REVISION	BY



ADVANCE WARNING SIGN PLACEMENT DISTANCE

POSTED SPEED (mph)	DISTANCE "X" (FT)	
	RURAL	URBAN
20	175	100
25	250	100
30	325	100
35	400	② 150
40	475	② 225
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

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.
 * 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.

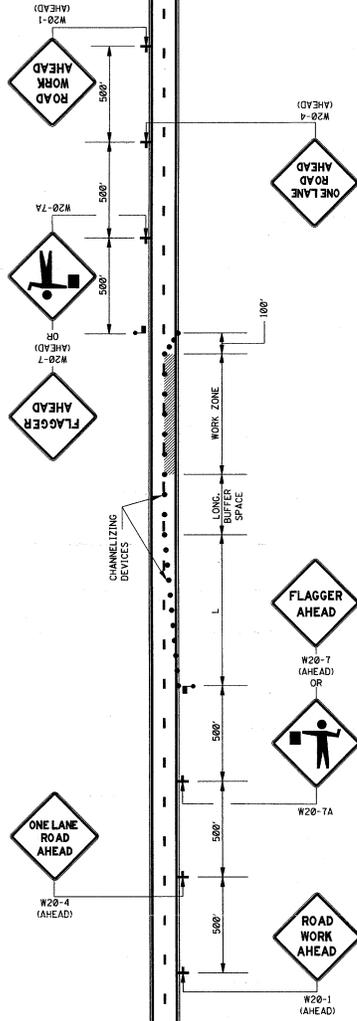
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

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

WORKSHEET NO. 15
SHEET NUMBER 12 OF 18
ISSUE DATE: OCTOBER 11, 1998

DATE	REVISION
10-18-98	REVISE NOTE

STATE PROJECT NO.
MISS.



LEGEND
 FLAGGER
 CHANNELIZING DEVICES

2. ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 24" IN HEIGHT.
3. 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.
4. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 48" X 48".
5. WHEN THERE IS NO EXISTING HAZARD AS AT THE END OF THE WORK DAY, CHANNELIZING DEVICES SHALL BE COVERED OR REMOVED AND ALL CHANNELIZING DEVICES SHALL BE MOVED TO THE SHOULDER EDGE.
6. WHERE THE WORK ZONE IS STATIONARY THE W20-7 (600 FT.) SIGN OR THE W20-7A SIGN TOGETHER WITH THE W20-7 (600 FT.) SUPPLEMENTAL PLATE SHOULD BE USED TO INDICATE THE DISTANCE TO THE FLAGGER.

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

POSTED SPEED AND/OR DESIGN SPEED (MPH)	MAXIMUM CHANNELIZING DEVICES ALONG WORK ZONE (FT.)		MINIMUM LONGITUDINAL BUFFER SPACE (FT.)	TAPER RATES
	ALONG WORK ZONE	ALONG BUFFER SPACE		
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	495	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 30 MPH OR GREATER
 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

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 ROADWAY DESIGN DIVISION
 STANDARD PLAN

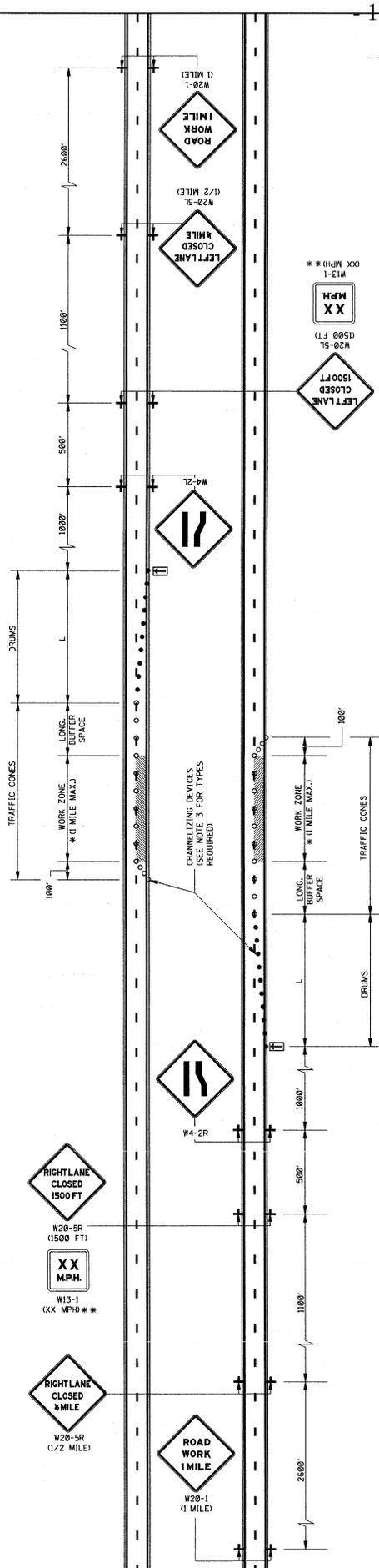
**TRAFFIC CONTROL PLAN
 WITH FLAGGER
 (ONE-LANE CLOSURE OF
 TWO-WAY TRAFFIC)**

WORKING NUMBER
 TCP-1

SHEET NUMBER
 250

ISSUE DATE: OCTOBER 1, 1998

DATE	REVISION



- 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.
 - REFLECTORIZED PRE-STANDING PLASTIC DRUMS
 - TRAFFIC CONES (28" HEIGHT)

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".

GENERAL NOTES:

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

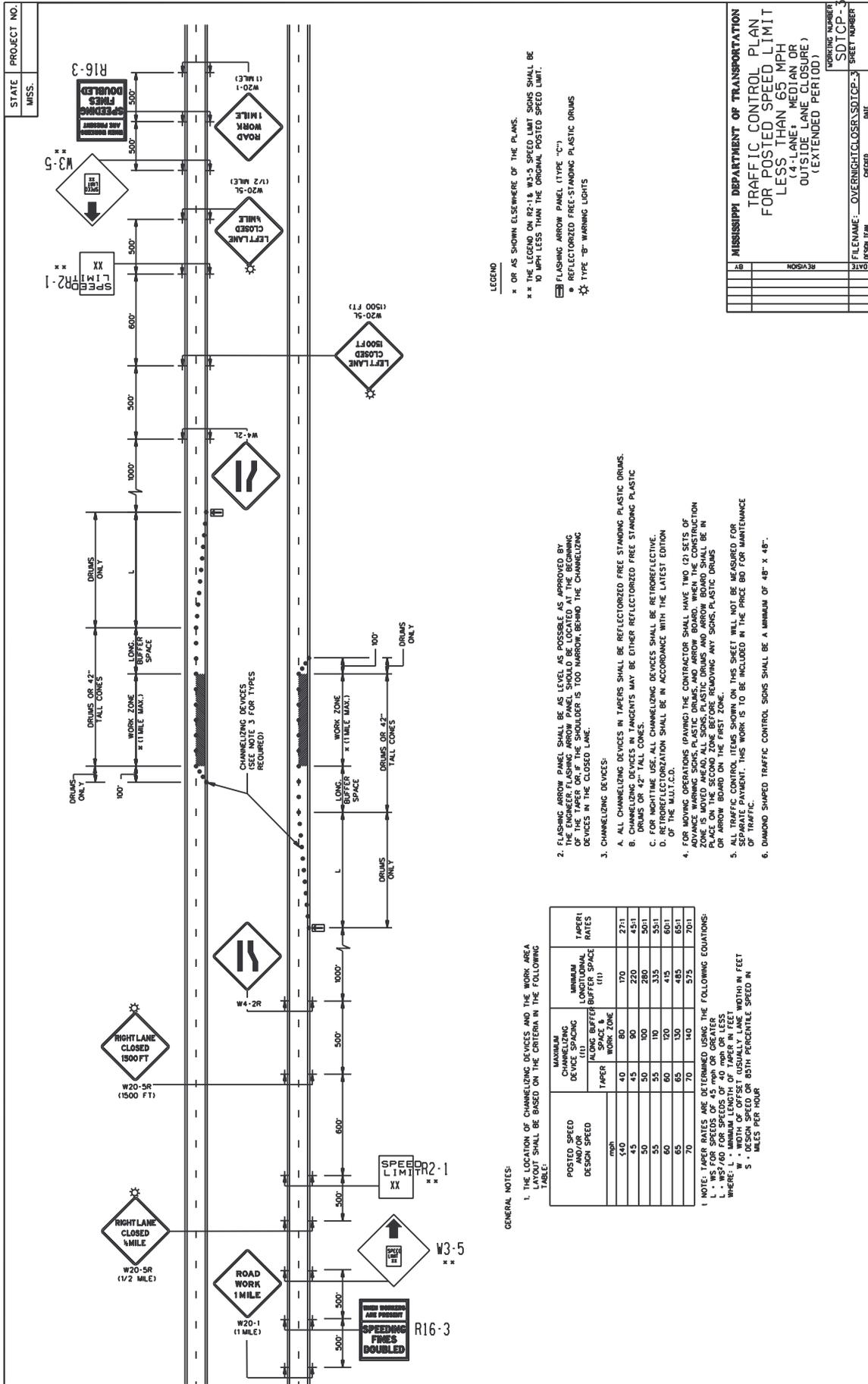
POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICE SPACING (FT)		MINIMUM LONG. BUFFER SPACE (ft)	TAPER + TAPER RATES
	ALONG LANE LINE	WORK ZONE		
50	40	80	170	27:1
45	45	90	220	45:1
50	50	100	280	50:1
55	55	110	335	55:1
60	60	120	415	60:1
65	65	130	485	65:1
70	70	140	575	70:1

† NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
 $L = W^2$ FOR SPEEDS OF 45 mph OR GREATER
 $L = WS$ FOR SPEEDS OF 30 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

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 CLOSED LANE CLOSURE)
 (WORK DAY ONLY)**

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



STATE MISS. PROJECT NO.

W20-1 (1 MILE)
W20-5L (1/2 MILE)
W4-2L
W20-5L (1500 FT)
W4-2R
W20-5R (1500 FT)
W20-5R (1/2 MILE)
W20-1 (1 MILE)

R16-3
W3-5
XX
R2-1

DRUMS ONLY
DRUMS OR 42" TALL CONES
WORK ZONE BUFFER x (1 MILE MAX.)
LONG BUFFER x (1 MILE MAX.)
WORK ZONE BUFFER x (1 MILE MAX.)
DRUMS OR 42" TALL CONES
DRUMS ONLY

CHANNELIZING DEVICES (SEE NOTE 3 FOR TYPES REQUIRED)

CHANGING DEVICES IN TAPERS SHALL BE REFLECTORIZED FREE STANDING PLASTIC DRUMS.

DRUMS OR 42" TALL CONES.

FOR NIGHTTIME USE, ALL CHANNELIZING DEVICES SHALL BE RETROREFLECTIVE.

RETROREFLECTORIZATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE M.U.T.C.D.

FOR MOVING OPERATIONS TAPERS SHALL HAVE TWO (2) SETS OF PLASTIC DRUMS OR 42" TALL CONES. THE FIRST SET SHALL BE IN PLACE ON THE SECOND ZONE BEFORE REMOVING ANY SIGNS, PLASTIC DRUMS OR ARROW BOARD ON THE FIRST ZONE.

ALL 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.

DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 48" x 48".

LEGEND

x OR AS SHOWN ELSEWHERE OF THE PLANS.

** THE LEGEND ON R2-1B W3-5 SPEED LIMIT SIGNS SHALL BE 10 MPH LESS THAN THE ORIGINAL POSTED SPEED LIMIT.

REFLECTORIZED FREE-STANDING PLASTIC DRUMS

FLASHING ARROW PANEL (TYPE "C")

REFLECTORIZED FREE-STANDING PLASTIC DRUMS

TYPE "B" WARNING LIGHTS

FLASHING ARROW PANEL (TYPE "C")

REFLECTORIZED FREE-STANDING PLASTIC DRUMS

TYPE "B" WARNING LIGHTS

FLASHING ARROW PANEL (TYPE "C")

REFLECTORIZED FREE-STANDING PLASTIC DRUMS

TYPE "B" WARNING LIGHTS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL PLAN
FOR POSTED SPEED LIMIT
LESS THAN 65 MPH
(4' LANE WIDTH OR
DUST LANE CLOSURE)
(EXTENDED PERIOD)

PROJECT NUMBER: SDT CP-3
DESIGN NO.: OVERNIGHT/OSR/SDT/CP-3
DATE: _____
BY: _____
REVISION: _____

GENERAL NOTES:

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

POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICES SPACING ALONG BUFFER SPACE IN TAPER		MINIMUM LONGITUDINAL BUFFER SPACE (L)	TAPER RATES
	(1)	(2)		
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/40 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

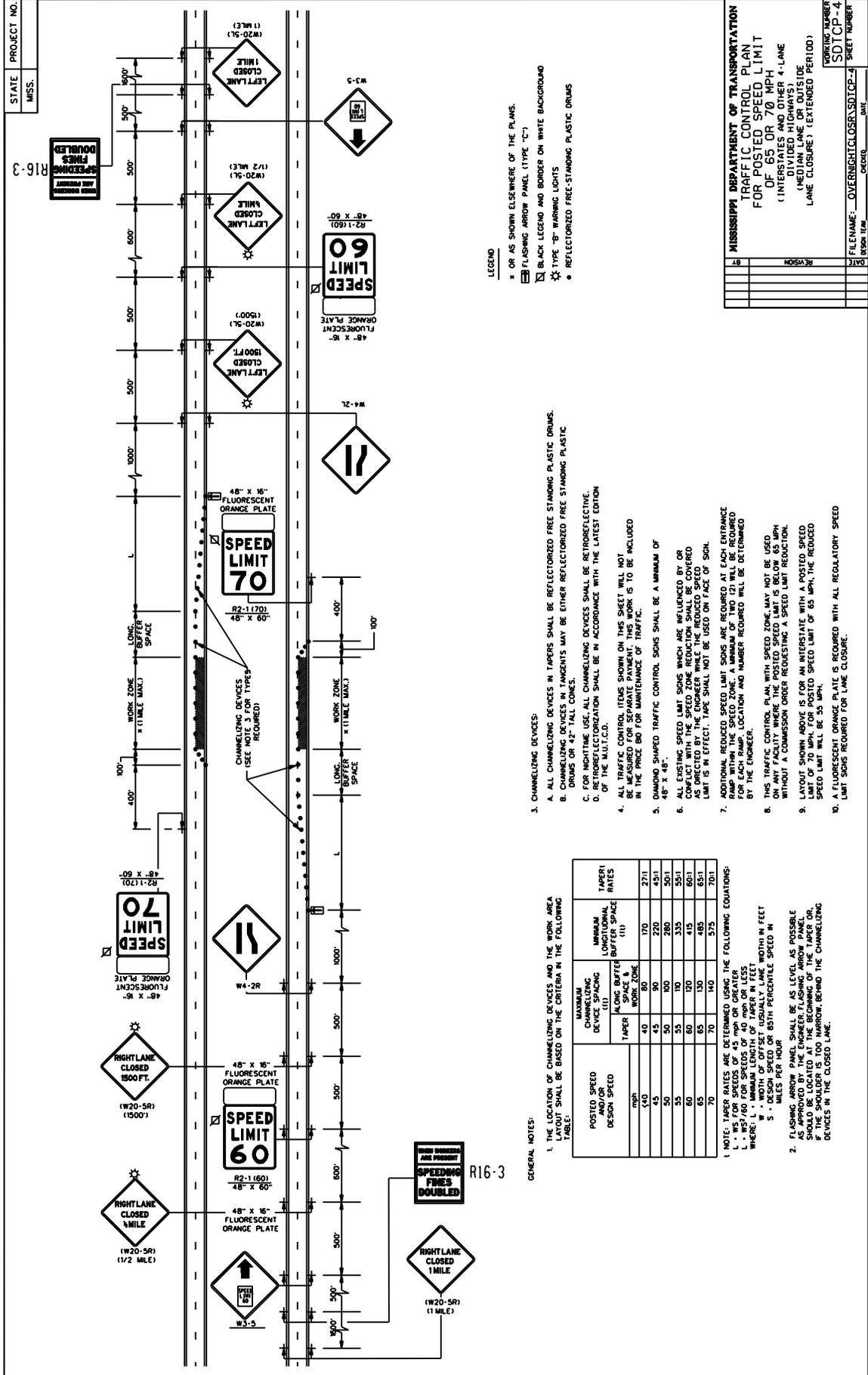
2. FLASHING ARROW PANEL SHALL BE AS LEVEL AS POSSIBLE AS APPROVED BY THE ENGINEER. FLASHING ARROW PANEL SHOULD BE LOCATED AT THE BEGINNING OF THE TAPER OR AT THE SHOULDER IS TOO NARROW, BEHIND THE CHANNELIZING DEVICES IN THE CLOSED LANE.

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. RETROREFLECTORIZATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE M.U.T.C.D.

4. FOR MOVING OPERATIONS TAPERS SHALL HAVE TWO (2) SETS OF PLASTIC DRUMS OR 42" TALL CONES. THE FIRST SET SHALL BE IN PLACE ON THE SECOND ZONE BEFORE REMOVING ANY SIGNS, PLASTIC DRUMS OR ARROW BOARD ON THE FIRST ZONE.

5. ALL 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.

6. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 48" x 48".



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.

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

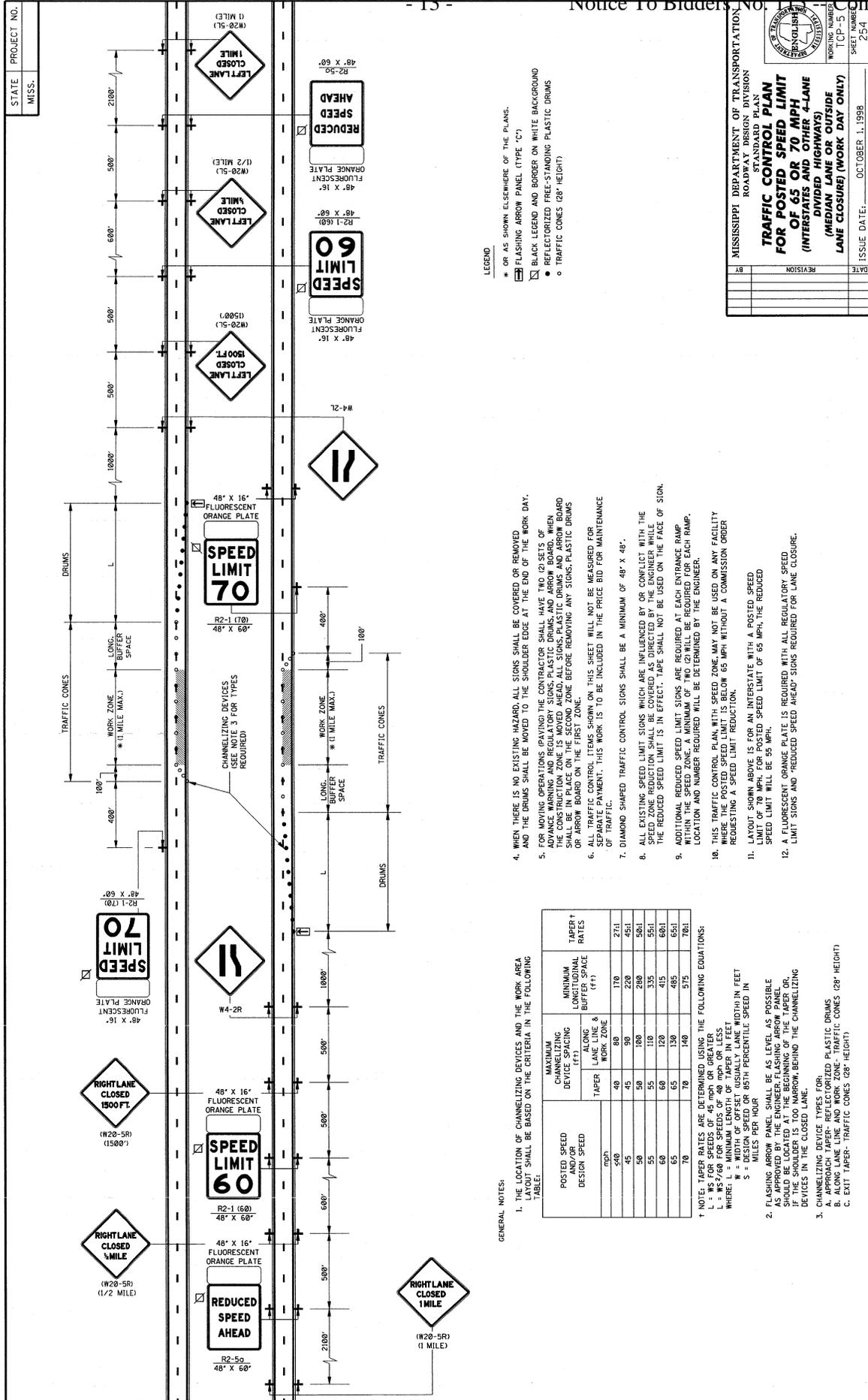
POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICES SPACING ALONG BUFFER SPACE & WORK ZONE	MINIMUM LONGITUDINAL BUFFER SPACE	TAPER RATES	
			MINIMUM LONGITUDINAL BUFFER SPACE	TAPER RATES
40	40	80	170	271
45	45	90	220	451
50	50	100	270	551
55	55	110	320	651
60	60	120	370	751
65	65	130	420	851
70	70	140	470	951

NOTES: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
 L = WS FOR SPEEDS OF 45 MPH OR GREATER
 L = WS²/60 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 AND SHOULD BE PLACED AT THE BEGINNING 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 DURING THE LANE CLOSURE EXTENDED PERIOD)

REPORTING NUMBER: SDTCP-4
 DATE: _____
 REVISION: _____
 FILE NAME: OVERNIGHTCLOSURESDTCP-4
 SHEET NUMBER: _____



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 DRUMS
 - 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 EACH END OF THE WORK AREA. 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

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 DRUMS
 - C. EXIT TAPER- TRAFFIC CONES (28" HEIGHT)

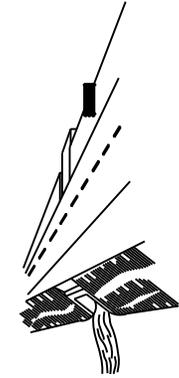
LEGEND

- ◻ 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
 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)**

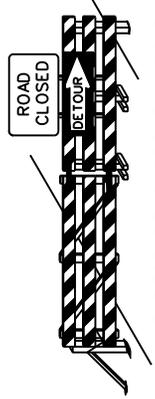
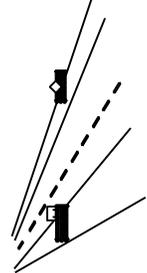
WORKING NUMBER: TCP-5
 SHEET NUMBER: 254
 ISSUE DATE: OCTOBER 1, 1988

STATE MISS.
 PROJECT NO.



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.



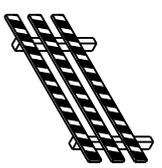
BARRICADE CLOSING A ROAD

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

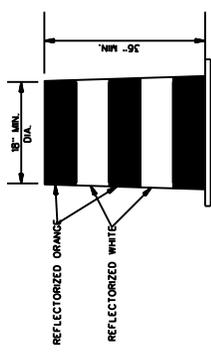


TYPE III

STANDARD BARRICADES

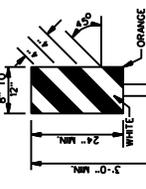
- A TYPE BARRICADE CONSISTS OF ONE (1) HORIZONTAL RAIL SUPPORTED BY A DEMOUNTABLE FRAME OR URBAN STREETS AND ARTERIALS.
- A TYPE BARRICADE CONSISTS OF TWO (2) HORIZONTAL RAILS ON A LIGHT "X" FRAME. TYPE BARRICADES ARE INTENDED FOR USE WHERE THE HAZARD IS LESS SEVERE THAN THAT OF TYPE I AND TYPE II BARRICADES. TYPE BARRICADES ARE USED FOR CONTINUOUS DELIMITING OF A RESTRICTED ROADWAY OR FOR TEMPORARY DAYTIME USE.
- 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.

Notice To Bidder



PLASTIC DRUM STRIPING DETAIL

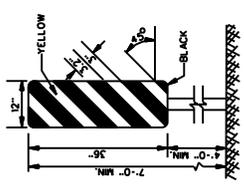
- PLASTIC DRUMS SHALL BE ON END AND USED AS AN EXPEDIENT METHOD FOR TRAFFIC CHANNELIZATION. THE COLOR AND MARKING METHOD FOR PLASTIC DRUMS SHALL BE CONSISTENT WITH MUTCD STANDARDS FOR BARRICADES. THE PREDOMINANT COLOR ON DRUMS SHALL BE ORANGE. STRIPES SHALL BE GREEN, HORIZONTAL, CIRCUMFERENTIAL STRIPES (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

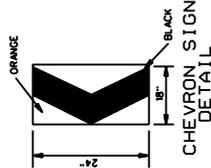
- VERTICAL PANELS CONSIST OF AT LEAST ONE PANEL 8" TO 12" IN WIDTH AND A MINIMUM OF 24" IN HEIGHT.
- THE DIAGONAL STRIPES SHALL SLOPE DOWNWARD IN THE DIRECTION THAT TRAFFIC IS TO PASS THE PANEL. THE MINIMUM OF 35" ABOVE THE ROADWAY ON A SINGLE LIGHTMASS POST.
- VERTICAL PANELS USED ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH-SPEED ROADWAYS SHALL HAVE A MINIMUM OF 270 IN² 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

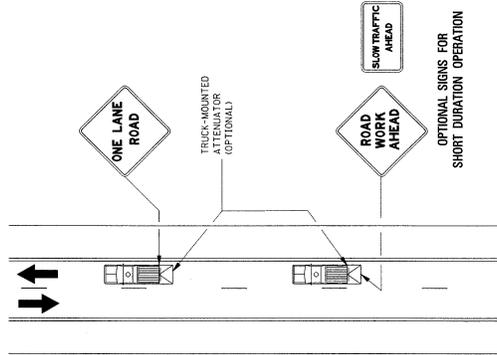
- A CHEVRON SIGN CONSISTS OF A BLACK CHEVRON TYPE MARKING ON AN ORANGE BACKGROUND AND SHALL POINT IN THE DIRECTION OF TRAFFIC FLOW.
- THE CHEVRON SIGN SHALL BE MOUNTED ON FIXED POST OR ROAD SHD.
- CHEVRON SIGNS MAY BE USED TO SUPPLEMENT OTHER STANDARD DEVICES WHERE ONE OR MORE LANES ARE CLOSED FOR CONSTRUCTION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

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
HIGHWAY SIGN AND BARRICADE DETAIL FOR CONSTRUCTS

WORKING NUMBER: SDTCP-10
SHEET NUMBER: 10
DATE: 06/21/2012
FILE NAME: SDTCP-10_06012012.DGN
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STATE MISS. PROJECT NO.

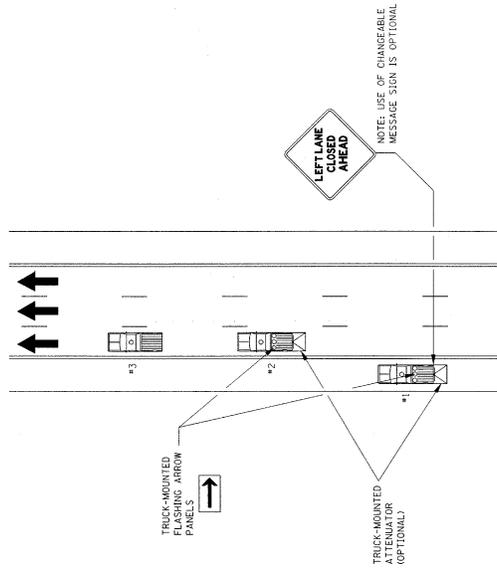
MOBILE OPERATIONS ON TWO-LANE ROAD



OPTIONAL SIGNS FOR SHORT DURATION OPERATION

MOBILE OPERATIONS ON TWO-LANE ROAD

MOBILE OPERATIONS ON MULTILANE ROAD



MOBILE OPERATIONS ON MULTILANE ROAD

- NOTES:
- WHERE PRACTICAL AND WHEN NEEDED, THE WORK AND PROTECTION VEHICLES SHOULD BE EQUIPPED WITH APPROPRIATE EQUIPMENT SUCH AS FLASHING LIGHTS, ROTATING BEACONS, FLAOS, 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.

- WHERE PRACTICAL AND WHEN NEEDED, THE WORK AND PROTECTION VEHICLES SHOULD BE EQUIPPED WITH APPROPRIATE EQUIPMENT SUCH AS FLASHING LIGHTS, ROTATING BEACONS, FLAOS, SIGNS, OR ARROW PANELS.
- THE DISTANCE BETWEEN THE WORK AND PROTECTION VEHICLES MAY VARY ACCORDING TO TERRAIN, PAINT DRYING TIME, AND OTHER FACTORS. PROTECTION VEHICLES ARE USED TO WARN TRAFFIC OF THE OPERATION AHEAD. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE WORK, PROTECTION VEHICLES SHOULD BE POSITIONED TO ADVISE TRAFFIC OF THE OPERATION AHEAD. PROTECTION VEHICLES SHOULD BE SLOWED 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 WORK OPERATION 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 BE EQUIPPED WITH BEACONS. THE PROTECTION AND WORK 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. SIGN LEGENDS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
- 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.

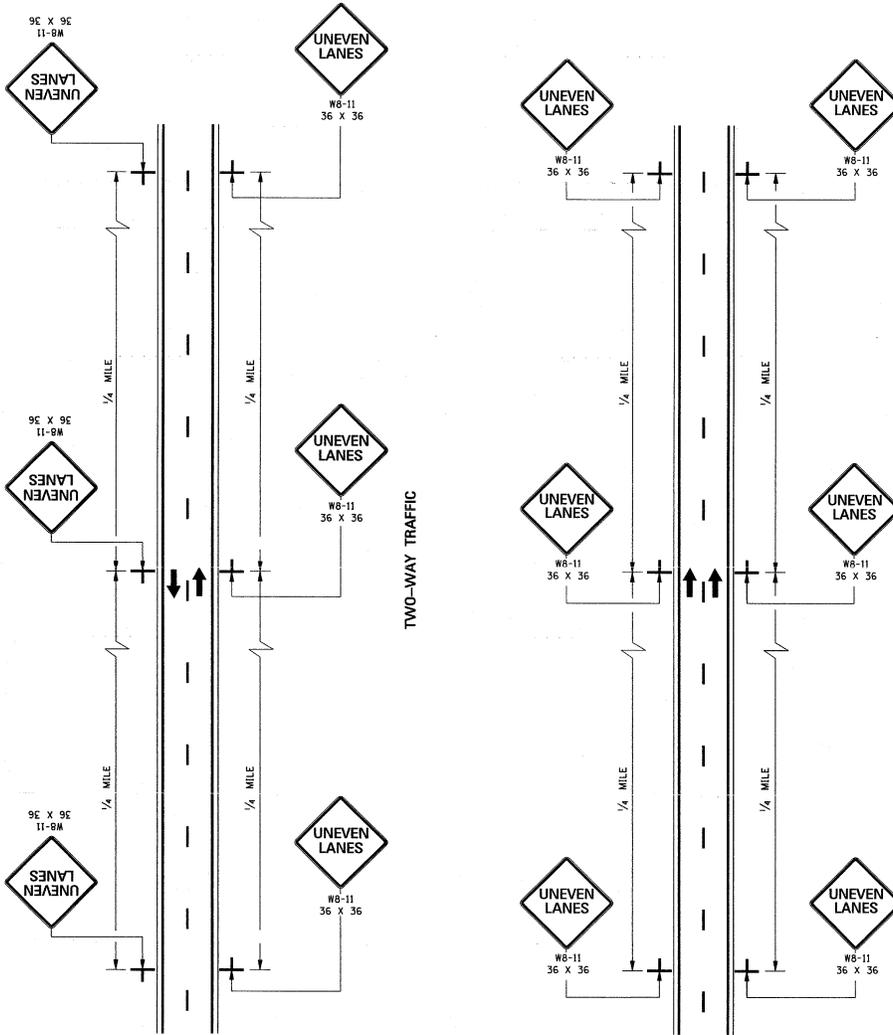
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

**TRAFFIC CONTROL PLAN
MOBILE OPERATIONS
MULTILANE ROADS
AND
TWO-LANE ROADS**

DATE	BY	REVISION
12-99	REVISOR	REVISION
12-99	REVISOR	REVISION

ISSUE DATE: OCTOBER 1, 1998
SHEET NUMBER: 260
WORKING NUMBER: T-CP-11

STATE	PROJECT NO.
MISS.	

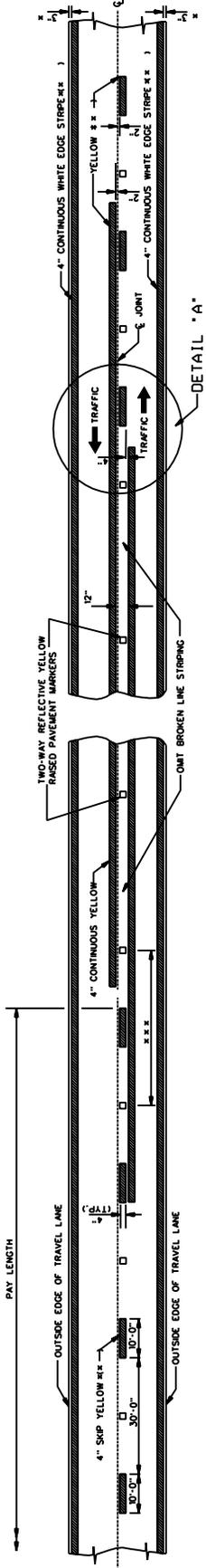


GENERAL NOTES:

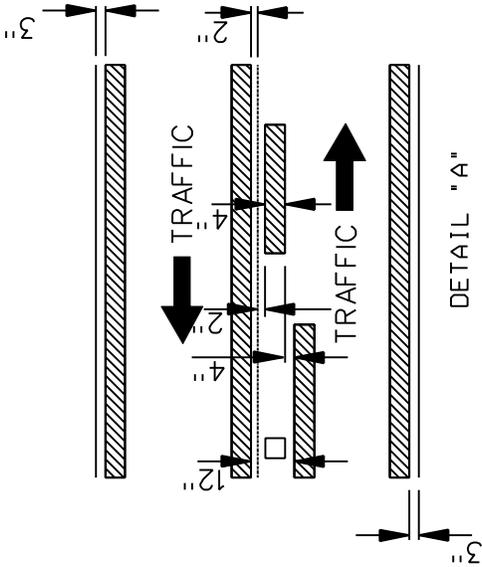
1. UNEVEN LANE LINE SPACING SHALL BE EQUAL TO 1/2' NO SIGNS REQUIRED.
2. IF GREATER THAN 1/2' AND LESS THAN OR EQUAL TO 2/4' PLACE SIGNS AS SHOWN ON THIS SHEET.
3. IF GREATER THAN 2/4' TRAFFIC SHOULD NOT BE ALLOWED TO CROSS UNEVEN LANE LINE.
4. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET SHALL BE PAID 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	

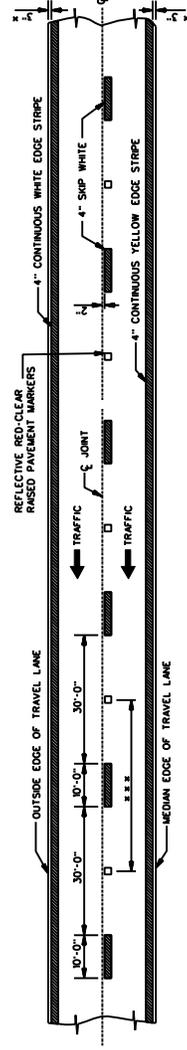
STATE	PROJECT NO.
MISS.	



TWO-WAY TRAFFIC (ASPHALT OR CONCRETE PAVEMENT)



DETAIL "A"



4-LANE WITH ONE-WAY TRAFFIC



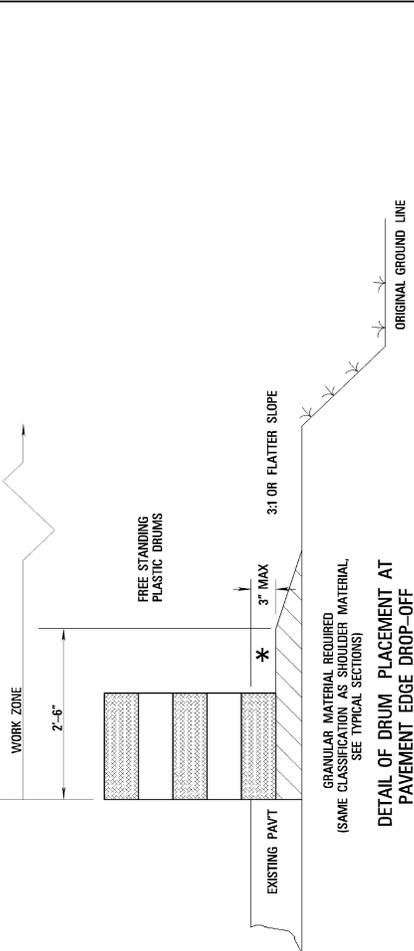
GENERAL NOTES:

- * 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:

TARGET SECTIONS	URBAN AREA (U-L-40)	RURAL AREA (U-L-40)
LANE LINES	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 APPROVED BY THE STATE IN THE MOOT "APPROVED SOURCES OF MATERIALS."
- 3. 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 DRAWING TCP-15	SHEET NUMBER 264
DATE DECEMBER 1, 1999	ISSUE DATE



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 (W8-3) AT THE BEGINNING AND THROUGHOUT THE WORK ZONE @ (750 ± 0.0).
 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. IF CONCRETE BARRIERS ARE USED, SPECIAL REFLECTIVE DEVICES OR STEADY BURN LIGHTS SHOULD BE USED FOR OVERNIGHT INSTALLATIONS.
 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

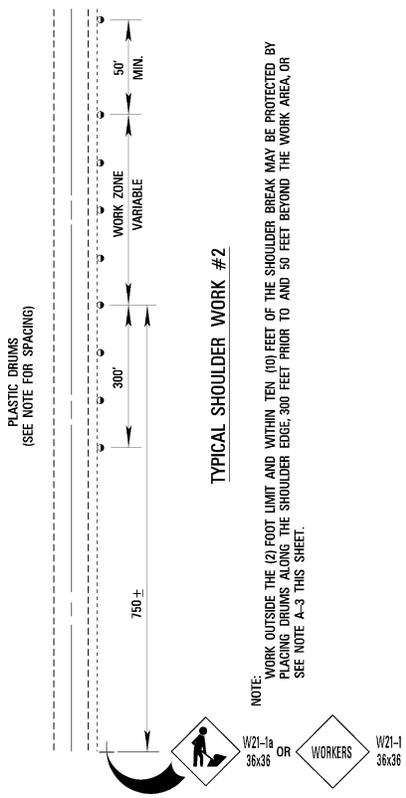
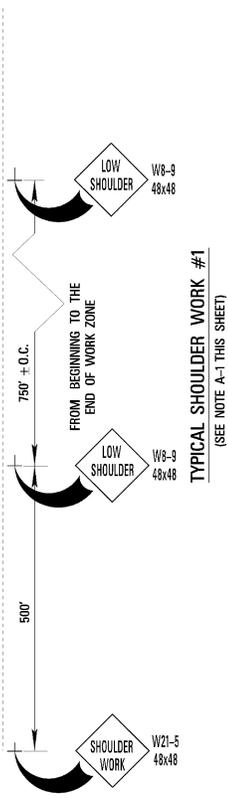
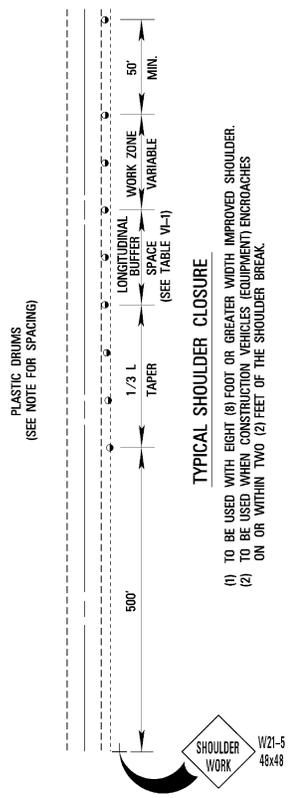
- 1. TANGENTS = 2 X S
- 2. WHERE L = 1/3 X W
- 3. L = TAPER LENGTH IN FEET
- 4. S = SPEED IN MPH (POSTED OR 85 PERCENTILE)
- 5. W = WIDTH OF OFFSET IN FEET

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			35
25			55
30			75
35			100
40			120
45			150
50			170
55			200
60			220
65			250
70			270
75			300
80			325
85			350
90			400
95			450

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



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

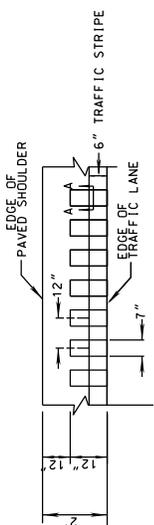
TRAFFIC CONTROL DETAILS
DRUM PLACEMENT
AND
SHOULDER CLOSURE

PROJECT NO.: _____
COUNTY: _____

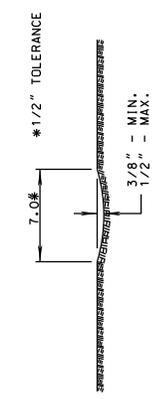
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PERSON: _____

WORKING NUMBER: _____
TCP: _____
SHEET NUMBER: _____

DATE: 12-28-93

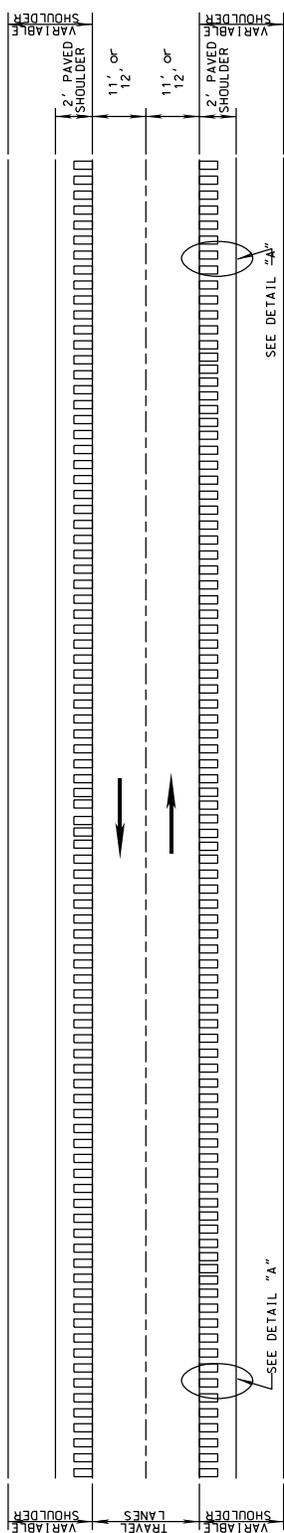


DETAIL "A"



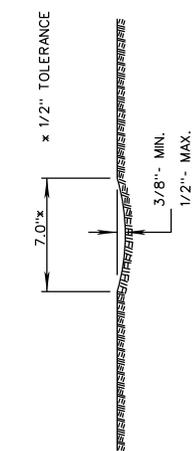
SECTION "A-A"

- GENERAL NOTES
1. GROUND-IN RUMBLE STRIPES SHALL BE APPLIED ON LEFT AND RIGHT SHOULDERS OF ALL PAVED SHOULDERS ON THIS PROJECT
 2. GROUND-IN RUMBLE STRIPES SHALL BE OMITTED ACROSS PRINCIPAL INTERSECTING ROADWAYS OR OTHER INTERRUPTIONS IN NORMAL SHOULDER WIDTH AS DIRECTED BY THE ENGINEER
 3. COST TO BE PAID FOR USING APPROPRIATE PAY ITEMS
 4. GROUND-IN RUMBLE STRIPES SHALL BE APPLIED TO MAINLINE ONLY.
 5. DO NOT USE WHERE TRAVEL LANE IS LESS THAN 11' WIDE.

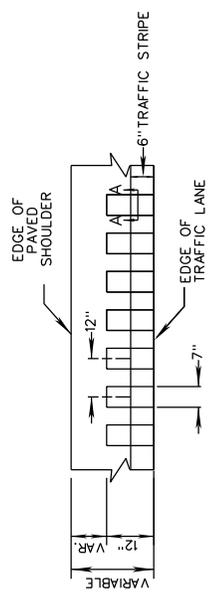


PLAN
NOT TO SCALE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
RUMBLE STRIPES	
2-LANE HIGHWAYS	
(ASPH. LANES,	
2-FT ASPH. SHLD)	
PROJECT NO:	
COUNTY:	
ISSUING NUMBER	KS-1
SHEET NUMBER	
DATE	05/02/14
BY	
REVISION	
DATE	
DESIGN TEAM	SERVICES CHECKED

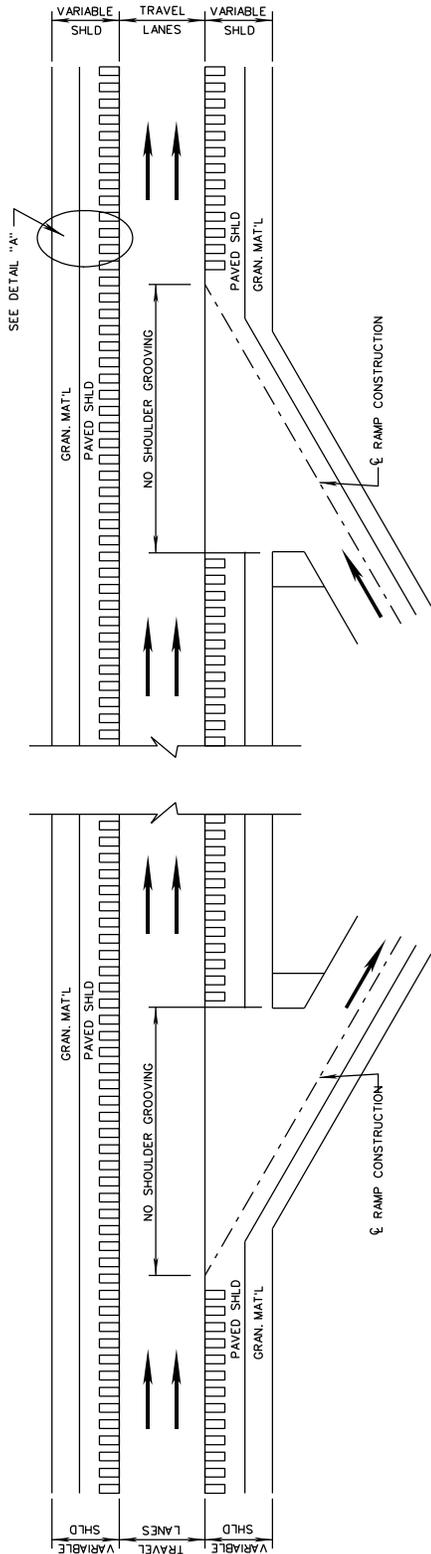


SECTION "A-A"



DETAIL "A"

- GENERAL NOTES
1. ALL RUMBLE STRIPES SHALL BE GROUND-IN. RUMBLE STRIPES SHALL BE OMITTED ACROSS PRINCIPAL INTERSECTING ROADWAYS OR OTHER INTERRUPTIONS IN NORMAL SHOULDER WIDTH AS DIRECTED BY THE ENGINEER
 2. GROUND-IN RUMBLE STRIPES SHALL BE APPLIED TO MAINLINE ONLY.



PLAN
NOT TO SCALE
DETAILS OF
RUMBLE STRIPS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
RUMBLE STRIPES
4-LANE HIGHWAYS
(ASPH. LANES, 2-FT
ASPH. SHLD)

REVISION	DATE	BY

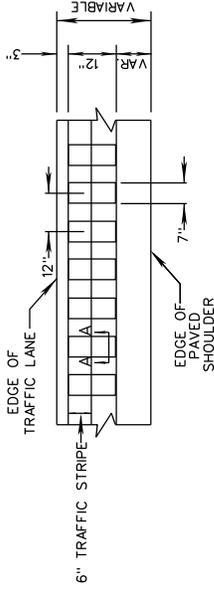
PROJECT NO: R392
COUNTY:

WORKING NUMBER: R392
SHEET NUMBER:

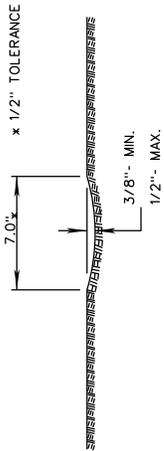
DATE: 05/01/14
CHECKED:

STATE	PROJECT NO.
MISS.	

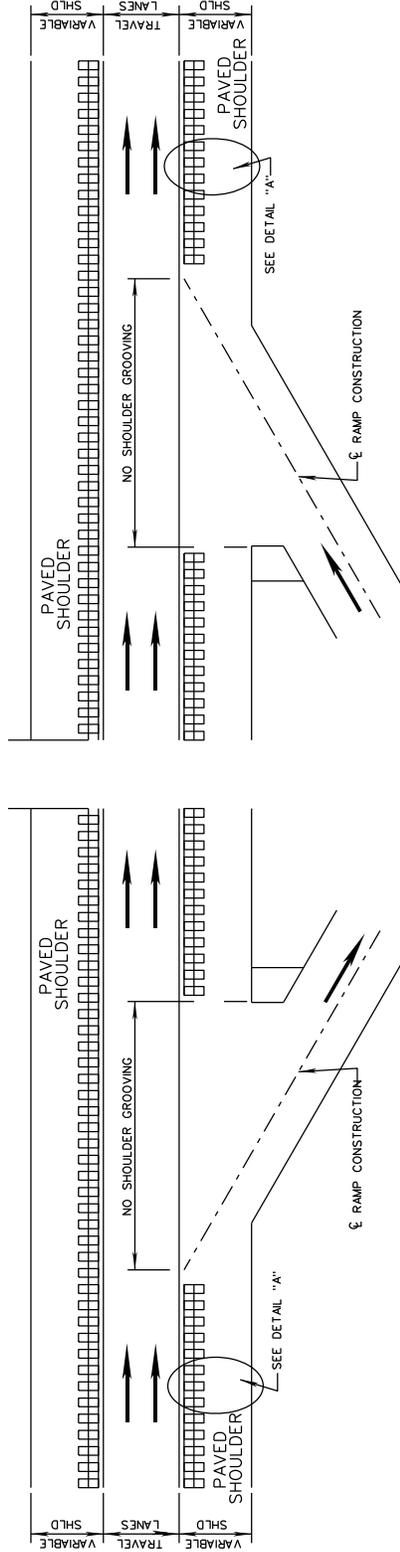
- GENERAL NOTES
1. ALL RUMBLE STRIPES SHALL BE GROUND-IN. RUMBLE STRIPES SHALL BE OMITTED ACROSS PRINCIPAL INTERSECTING ROADWAYS OR OTHER INTERRUPTIONS IN NORMAL SHOULDER WIDTH AS DIRECTED BY THE ENGINEER
 2. GROUND-IN RUMBLE STRIPES SHALL BE APPLIED TO MAINLINE ONLY.



DETAIL "A"



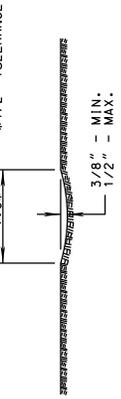
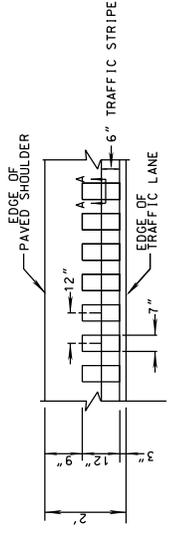
SECTION "A-A"



PLAN

NOT TO SCALE
 DETAILS OF
 RUMBLE STRIPS
 (GROUND-IN)

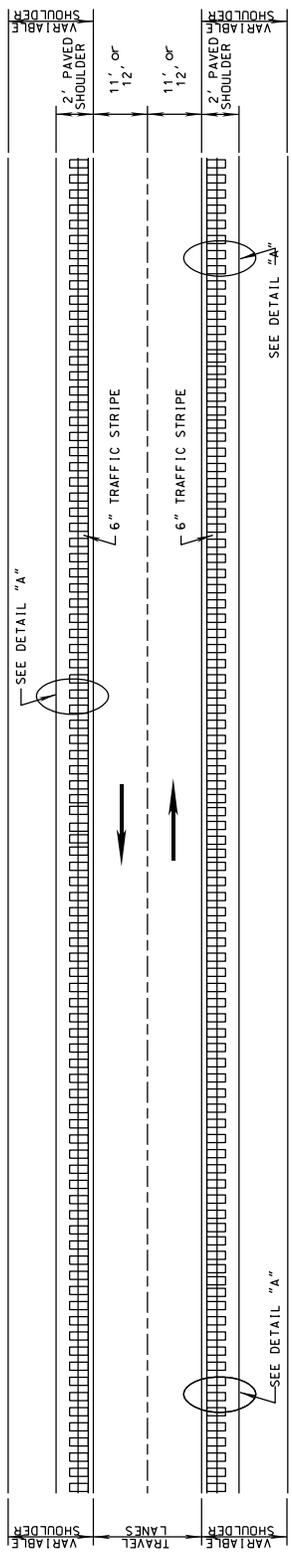
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
RUMBLE STRIPES	
4-LANE WITH FULL-WIDTH	
PAVED SHOULDERS	
(CONC. LANES, ASPH. SHLD)	
WORKING NUMBER	PROJECT NO:
RS-3	COUNTY:
SHEET NUMBER	FILE NAME:
3	DCS011E.W
DATE	CHECKED:
	DATE 05/07/14



SECTION "A-A"

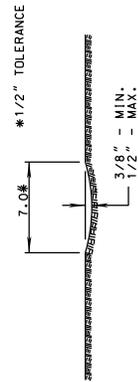
DETAIL "A"

- GENERAL NOTES
1. GROUND-IN RUMBLE STRIPES SHALL BE APPLIED ON LEFT AND RIGHT SHOULDERS OF ALL PAVED SHOULDERS ON THIS PROJECT
 2. GROUND-IN RUMBLE STRIPES SHALL BE OMITTED ACROSS PRINCIPAL INTERSECTING ROADWAY OR OTHER INTERRUPTIONS IN TRAFFIC SHOULDER WIDTH AS DIRECTED BY THE ENGINEER
 3. COST TO BE PAID FOR USING APPROPRIATE PAY ITEMS
 4. GROUND-IN RUMBLE STRIPES SHALL BE APPLIED TO MAINLINE ONLY.
 5. DO NOT USE WHERE TRAVEL LANE IS LESS THAN 11' WIDE.

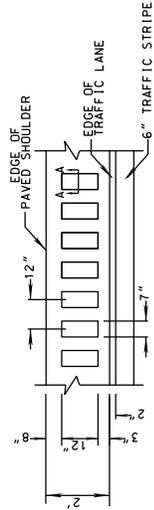


PLAN
NOT TO SCALE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
RUMBLE STRIPES	
2-LANE HIGHWAY	
(CONCRETE LANES,	
2-FT. ASPH. SHLD.)	
PROJECT NO:	
COUNTY:	
DATE:	DRAWING NUMBER:
DATE:	PROJECT NUMBER:
DATE:	SHEET NUMBER:
DATE:	DATE REVISION:
DATE:	DESCRIPTION:
DATE:	BY:



SECTION "A-A"



DETAIL "A"

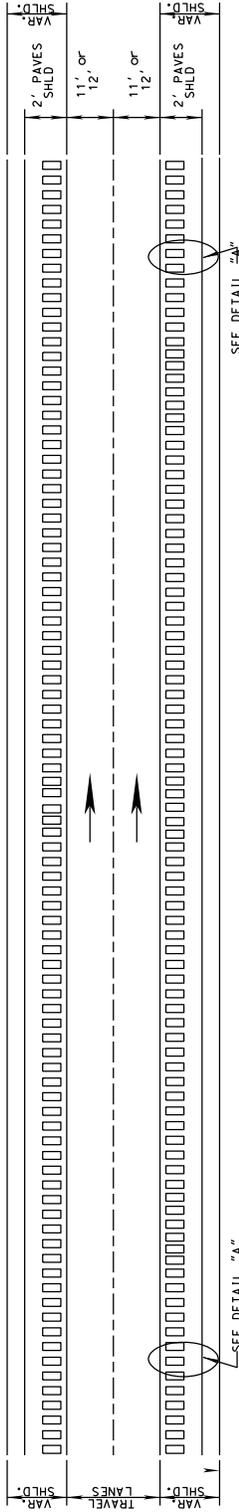
GENERAL NOTES
1. GROUND-IN RUMBLE STRIPS SHALL BE APPLIED ON LEFT AND RIGHT SHOULDERS OF ALL PAVED SHOULDERS ON THIS PROJECT

2. GROUND-IN RUMBLE STRIPS SHALL BE OMITTED ACROSS PRINCIPAL INTERSECTING ROADWAYS OR OTHER INTERRUPTIONS IN NORMAL SHOULDER WIDTH AS DIRECTED BY THE ENGINEER

3. COST TO BE PAID FOR USING APPROPRIATE PAY ITEMS

4. GROUND-IN RUMBLE STRIPS SHALL BE APPLIED TO MAINLINE ONLY.

5. DO NOT USE WHERE TRAVEL LANE IS LESS THAN 11' WIDE.



PLAN
NOT TO SCALE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
RUMBLE STRIPS FOR 4-LANE DIVIDED ROADWAYS WITH 2-FOOT PAVED SHOULDERS CONCRETE LANES, ASPH. SHOULDER	
PROJECT NO. :	
COUNTY :	
WORKING NUMBER	PROJECT NUMBER
FILE NAME: \C:\Cummins\TJ\000	SHEET NUMBER
DESIGN TEAM: S. LEWIS	DATE: 05/01/14