1st O.REV.

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NH–0015–01(138)	1

GENERAL INDEX

INCLUDED THIS PROJECT		BEGIN WITH SHEET
☒	ROADWAY	1
☐	PERMANENT SIGNS	1001
☐	TRAFFIC SIGNALS	2001
☐	ITS COMPONENTS	3001
☐	LIGHTING	4001
☐	(RESERVED)	5001
⚠ ☒	ROADWAY STANDARD DWGS	6001
☐	BOX CULVERT STD. DRAWINGS (LRFD)	7001
☐	BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
☐	BRIDGE	8001
☐	CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGES REQ'D.
NONE

CONVENTIONAL SYMBOLS

COUNTY LINE
TOWN CORPORATION LINE
SECTION LINE
EXISTING ROAD OR TRAVELED WAY
PROPOSED ROAD OR TRAVELED WAY
RAILROAD
SURVEY LINE
BRIDGES

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. NH–0015–01(138)

US HWY 84
BEGINNING AT RR BRIDGE (LUCIEN) EAST 11.8 MILES TO JCT US 51

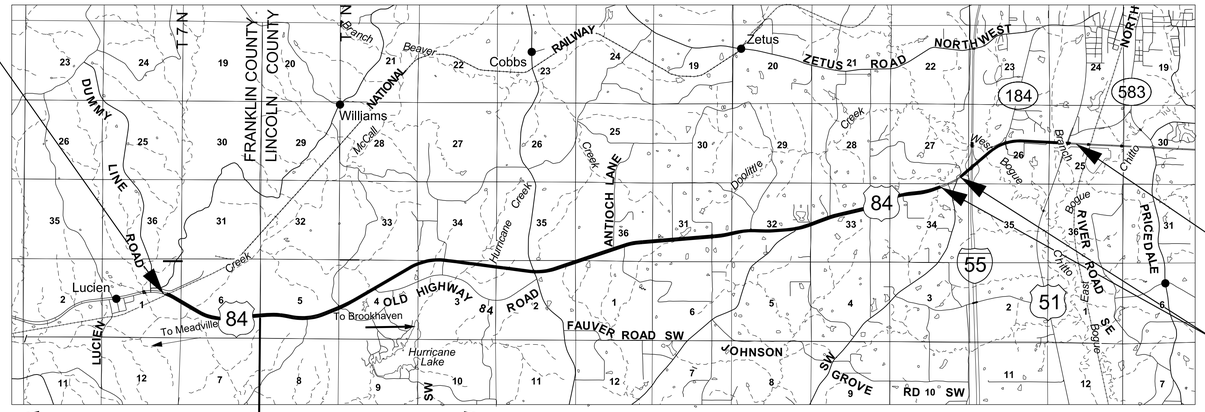
FMS CON. NO. 107935/301000 & NO. 107935/302000

FRANKLIN COUNTY
LINCOLN COUNTY

SCALES

PLAN	1 IN. =	100 FT.
PROFILE HOR.	1 IN. =	100 FT.
PROFILE VERT.	1 IN. =	10 FT.
LAYOUT	1 IN. =	2000 FT.

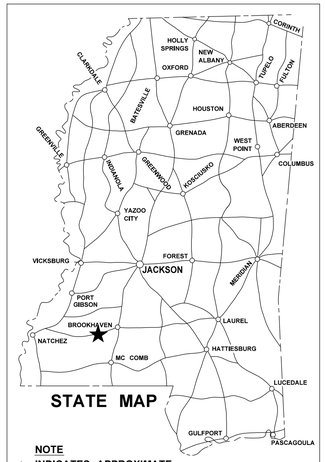
B.O.P. STA. 657 + 50



FRANKLIN COUNTY 107935/301000 | LINCOLN COUNTY 107935/302000

E.O.P. STA. 128 + 32

OMITTED SECTION
STA. 1211 + 93 TO STA. 1229 + 65



STATE MAP

NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 31°31' 36" N LONG. 90°33' 25" W°
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL
_____ MPH = V (SPEED DESIGN)
ADT (____) = _____: ADT (____) = _____
DHV = _____ : D = _____% T= _____%

⚠ PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

STORMWATER PERMIT N

Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: _____

EQUATIONS

WESTBOUND FRANKLIN COUNTY
STA 665+30.93 BK = STA 664+34.56 AH 96.37
STA 701+67.07 BK = STA 703+01.13 AH -134.06
WESTBOUND LINCOLN COUNTY
STA 776+31.01 BK = STA 777+14.85 AH -83.84
STA 784+08.62 BK = STA 784+30.10 AH -21.48
STA 868+56.72 BK = STA 868+74.15 AH -17.46
STA 941+99.40 BK = STA 947+71.10 AH -571.70
STA 1005+58.98 BK = STA 1005+29.31 AH 29.67
STA 1084+48.53 BK = STA 1084+42.85 AH 5.68
STA 1097+40.55 BK = STA 1097+50.87 AH -10.32
STA 1122+26.25 BK = STA 1122+56.67 AH -30.42
STA 1140+88.33 BK = STA 1140+73.07 AH 15.26
STA 1169+88.67 BK = STA 1170+11.82 AH -23.15
STA 1193+22.13 BK = STA 1192+85.88 AH -36.25
STA 1254+39.12 BK = STA 70+90.21 AH 118,348.91

EASTBOUND FRANKLIN COUNTY
STA 702+42.62 BK = STA 703+01.13 -58.51
EASTBOUND LINCOLN COUNTY
STA 776+72.97 BK = STA 777+14.85 AH -41.88
STA 785+75.46 BK = STA 783+96.93 AH -21.47
STA 801+28.68 BK = STA 801+11.57 AH 17.08
STA 867+97.39 BK = STA 868+74.18 AH -76.79
STA 942+46.49 BK = STA 947+71.10 AH -524.61
STA 1254+39.12 BK = STA 70+90.21 AH 118,348.91
STA 94+04.10 BK = STA 94+52.48 AH -48.38

EXCEPTIONS

OMITTED SECTION
STA 1211+93 TO STA 1229+65

WESTBOUND EQUATIONS
1212+14 BK = 1212+44.32 AH -30.32
1225+26.17 BK = 1225+43.46 AH -17.29

EASTBOUND EQUATIONS
NONE

LENGTH DATA

	WESTBOUND		EASTBOUND	
LENGTH OF ROADWAY	64,674.19 FT.	12.249 MI.	64,676.35 FT.	12.249 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.	0 FT.	0 MI.
LENGTH OF PROJECT (NET)	64,674.19 FT.	12.249 MI.	64,676.35 FT.	12.249 MI.
LENGTH OF EXCEPTIONS	1,724.39 FT.	0.327 MI.	1,772.00 FT.	0.335 MI.
LENGTH OF PROJECT (GROSS)	62,949.80 FT.	12.575 MI.	62,904.35 FT.	11.914 MI.

⚠ P S & E DATE: 8–14–2019

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DATE	REVISIONS	BY
07519	REVISED GEN–INDEX, P.E.–FMS, PERMITS, PS&E, CON.NO.	NW

8/19/2019 4:14 PM (01)TITLE-001
TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

FMS CON: 107935/301000,302000

1st O.REV.

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET		1
DETAILED INDEX	DI–1	2
GENERAL NOTES	GN–1	3
TYPICAL SECTIONS (4)		
TYPICAL SECTION MAINLINE	TS–1	4
TYPICAL SECTION MAINLINE	TS–2	5
TYPICAL SECTION MAINLINE	TS–3	6
TYPICAL SECTION US HWY 51	TS–4	7
QUANTITY SHEETS (7)		
SUMMARY OF QUANTITIES	SQ–1	8
SUMMARY OF QUANTITIES	SQ–2	9
SUMMARY OF QUANTITIES	SQ–3	10
SUMMARY OF QUANTITIES	SQ–4	11
SUMMARY OF QUANTITIES	SQ–5	12
ESTIMATED QUANTITIES FOR PAVEMENT REHABILITATION	EQ–1	13
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	TCPQ–1	14
PLAN AND PROFILE SHEETS (26)		
BOP TO STA. 680+00	WK–3	15
STA. 680+00 TO STA. 710+00	WK–4	16
STA. 710+00 TO STA. 745+00	WK–5	17
STA. 745+00 TO STA. 775+00	WK–6	18
STA. 775+00 TO STA. 805+00	WK–7	19
STA. 805+00 TO STA. 835+00	WK–8	20
STA. 835+00 TO STA. 865+00	WK–9	21
STA. 865+00 TO STA. 894+00	WK–10	22
STA. 894+00 TO STA. 924+00	WK–11	23
STA. 924+00 TO STA. 958+00	WK–12	24
STA. 958+00 TO STA. 988+00	WK–13	25
STA. 988+00 TO STA. 1017+00	WK–14	26
STA. 1017+00 TO STA. 1047+00	WK–15	27
STA. 1047+00 TO STA. 1077+00	WK–16	28
STA. 1077+00 TO STA. 1107+00	WK–17	29
STA. 1107+00 TO STA. 1137+00	WK–18	30
STA. 1137+00 TO STA. 1166+00	WK–19	31
STA. 1166+00 TO STA. 1195+00	WK–20	32
STA. 1195+00 TO STA. 1225+00	WK–21	33
STA. 1225+00 TO STA. 1254+00	WK–22	34
STA. 1254+00 TO STA. 99+00	WK–23	35
STA. 0+40 TO STA. 16+30 (SR 184 FRONTAGE RD)	WK–23A	36
STA. 0+00 TO STA. 3+48 (SR 184 FRONTAGE RD)	WK–23B	37
STA. 96+03 TO STA. 112+10 (MDOT FRONTAGE RD)	WK–23C	38
STA. 99+00 TO STA. EOP	WK–24	39
STA. 10+00 TO STA. 27+72 (US 51)	WK–24A	40

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (9)		
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DETAIL OF STRIPING CHANNELIZED INTERSECTION 4–LANE HIGHWAY	PMD–4	43
D7 TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSOVERS	D7–1	44
GUARDRAIL TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	GR–4–MOD	45
STOP SIGN RUMBLES	SDSSR–1	46
UNDERSEALING CONCRETE PAVEMENT DETAIL	UPCD–1	47
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	SDTCP–16	48
LANE CLOSURE DETAILS FOR FULL DEPTH PAVEMENT REPAIR	SDLCD–1	49
⚠ STANDARD DRAWINGS (18)		
PAVEMENT MARKING DETAILS FOR 2–LANE AND 4–LANE DIVIDED ROADWAYS	PM–1	6051
PAVEMENT MARKING LEGEND DETAILS	PM–5	6055
PAVEMENT MARKING LEGEND DETAILS	PM–6	6056
TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSOVERS	PM–9	6059
2–WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (4–LANE)	PM–12	6062
RUMBLE STRIPES 4–LANE HIGHWAYS	RS–2	6065
⚠ CONCRETE MEDIAN BARRIER (PRECAST) (32")	CMB–3	6226
TYPICAL CROSSOVER DELINEATION	SN–8B	6316
TYPICAL GUARDRAIL DELINEATION	SN–8C	6317
TRAFFIC CONTROL PLAN WITH FLAGGER	TCP–1	6351
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH	TCP–2	6352
⚠ TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (EXTENDED PERIOD)	TCP–4	6354
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (WORK DAY ONLY)	TCP–5	6355
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP–8	6358
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO–LANE ROADS	TCP–9	6359
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS	TCP–12	6362
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2–LANE AND 4–LANE DIVIDED HIGHWAYS	TCP–13	6363
RURAL DRIVEWAYS	RD–1	6403
⚠ TOTAL NUMBER OF SHEETS: 67		

DISTRICT 7

PS & E PLANS-DATE: 08/14/2019		
FMS CON. # 107935/301000,302000		
REVISIONS		
DATE	SHEET NO.	BY
8/15/19	1,2,4-7,13,17,26,29,44,49	NW

DATE	REVISION	BY
8/15/19	ADDED STD.REV.SHT TTLS,PS&E DATE,STD NAME CORR.,REV.TABLE	NW

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJ. NO.: NH-0015-01(138)

COUNTY: FRANKLIN, LINCOLN

WORKING NUMBER: DI-1

SHEET NUMBER: 2

FILE NAME: (02)DI-1.dgn

DESIGN TEAM D7 CHECKED NW DATE 07/2019

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/19/2019 1:32 PM (02)DI-1

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

GENERAL NOTES

① THE LOCATION AND SPACING OF SIGNS AS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

② ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART 6 OF THE MUTCD (LATEST EDITION).

③ FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

④ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR SUITABLE MATERIAL.

⑤ ALL SIGNS AND DELINEATORS THAT CONFLICT WITH THE CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RESET BY THE CONTRACTOR; COST TO BE ABSORBED IN OTHER PAY ITEMS.

⑥ THE GRASS ON EXISTING SHOULDERS SHALL BE REMOVED PRIOR TO THE PLACEMENT OF SHOULDER MATERIAL BY LIGHTLY BLADING OR CLOSELY MOWING; COST TO BE ABSORBED IN OTHER PAY ITEMS.

⑦ WHERE MILLING OF THE ROADWAY IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDER AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON MILLED SURFACE; COST TO BE ABSORBED IN OTHER PAY ITEMS.

⑧ IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC., FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.

⑨ THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKERS PRIOR TO PLACING ASPHALT; COST TO BE ABSORBED IN OTHER PAY ITEMS.

⑩ TEMPORARY STRIPING SHALL BE REQUIRED AFTER MILLING, SCRUB SEAL, PRELIMINARY LEVELING, AND OVERLAYING OPERATIONS; TEMPORARY STRIPING SHALL BE PLACED IN THE SAME LOCATIONS AND LAYOUT AS PERMANENT STRIPE. ALL CENTERLINE, LANE LINES, EDGE LINES, AND NO–PASSING STRIPES THAT HAVE BEEN REMOVED DURING THE DAY'S OPERATIONS SHALL BE REPLACED WITH TEMPORARY STRIPE BEFORE WORK IS DISCONTINUED FOR THE DAY OR AS SOON THEREAFTER AS WEATHER CONDITIONS WILL PERMIT, EXCEPT THAT:

(1) REPLACEMENT OF NO–PASSING STRIPES MAY BE DELAYED FOR A PERIOD NOT TO EXCEED THREE (3) DAYS FOR A TWO OR THREE LANE ROAD

(2) TEMPORARY EDGE LINES ON PROJECTS REQUIRING SHOULDERS CONSTRUCTED OF GRANULAR MATERIAL MAY BE DELAYED FOR A PERIOD NOT TO EXCEED THREE (3) DAYS.

⑪ ALL ASPHALT AND CONCRETE CURBS ALONG RAMPS, LOCAL ROADS, ETC. FROM B.O.P. TO E.O.P. SHALL BE PAINTED (TWO APPLICATIONS) WITH WHITE TRAFFIC PAINT AND TRAFFIC BEADS ; COST TO BE ABSORBED IN OTHER PAY ITEMS.

⑫ IF THE ASPHALT CURB ALONG THE LOCAL ROAD IS SEVERELY DAMAGED, THE ENTIRE ASPHALT CURB WILL BE REMOVED AS DIRECTED BY THE ENGINEER; COST TO BE ABSORBED IN OTHER PAY ITEMS.

⑬ ALL LOCAL ROADS SHALL BE PAVED TO THE R.O.W. LIMITS OR AS DIRECTED BY THE ENGINEER.

⑭ ALL ADDENDA FOR THIS PROJECT WILL BE POSTED ON WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED. IT'S THE BIDDERS'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.

GENERAL NOTES (CONT.)

⑮ GRANULAR MATERIAL WILL NOT BE ALLOWED TO BE PLACED DIRECTLY ON THE SURFACE LIFT OF ASPHALT, BUT MUST BE PLACED DIRECTLY ON THE GRAVEL SHOULDER OR A ROAD WIDENER MACHINE USED AND APPROVED BY THE PROJECT ENGINEER.

⑯ STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.

⑰ INSTALLATION DATES SHALL BE CLEARLY WRITTEN IN BOLD BLACK MARKINGS ON THE BACK BOTTOM HALF OF ALL SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT AND MARKS ON WET OR DRY SURFACES.

⑱ ALL POST, PIPE, AND I–BEAM LENGTHS IN THESE PLANS ARE ESTIMATES. POST LENGTHS FOR ALL SIGNS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.

⑲ ALL EXISTING SIGNS WHICH ARE TO BE REMOVED AS A PART OF THIS PROJECT THAT ARE NOT IN CONFLICT WITH CONSTRUCTION SHALL REMAIN IN PLACE UNTIL NEW SIGNS ARE INSTALLED UNLESS NOTED OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

⑳ ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.

㉑ DIRECT–APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL GUIDE SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT ENGINEER.

㉒ ALL RAMPS AND DRIVEWAY PADS SHALL BE PAVED TO THE SHOULDER LINE, MINIMUM OR FURTHER, AS DIRECTED BY THE ENGINEER WITHIN THE R.O.W. LIMITS.

㉓ AFTER THE PERMANENT SIGNS HAVE BEEN INSTALLED, THE CONTRACTOR SHALL SUBMIT TO THE PROJECT ENGINEER A DIGITAL COPY OF A MICROSOFT EXCEL SPREADSHEET WITH THE FOLLOWING INVENTORY DATA CAPTURED FOR EACH SIGN: LOCATION OF SIGN (LATITUDE – LONGITUDE GPS COORDINATES), MUTCD SIGN CODE, SIZE, BACKGROUND AND LEGEND COLORS, SUPPORT TYPE (POST, PIPE, SQUARE POST, OR I–BEAM), NUMBER OF SUPPORTS, DATE INSTALLED, SIGN FACE DIRECTION, ROUTE NAME OR NUMBER, DIRECTION OF VEHICLE TRAVEL, AND LEGEND ON SIGN IF APPLICABLE. EACH SIGN SHALL BE ASSIGNED A UNIQUE ID NUMBER AND A DIGITAL PHOTO OF EACH SIGN SHALL BE SUBMITTED IN BITMAP FORMAT. THE PHOTO FILE NAME SHALL CORRESPOND WITH THE UNIQUE ID NUMBER.

㉔ SOME WORK IS REQUIRED OUTSIDE OF THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS IN THE PLANS.

㉕ THE ASPHALT PAVING /SCRUB SEAL OPERATION SHALL BE COMPLETED IN THE FOLLOWING ORDER:
A: PRE–GRINDING
B: FULL DEPTH REPAIRS
C: SCRUB SEAL
D: PRE–LEVELING
E: SURFACE COURSE 9.5MM

㉖ MAINLINE TO BE PAVED WITH 9.5MM MT OR 9.5MM HT POLYMER MODIFIED ASPHALT AS SHOWN ON TYPICAL SECTIONS. CROSSOVERS, LOCAL ROADS, AND RAMPS ARE TO BE PAVED WITH 9.5MM MT ASPHALT WHERE MAINLINE IS MT, AND 9.5MM ST ASPHALT WHERE MAINLINE IS HT.

BY | REVISION | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJ. NO.: NH-0015-01(138)
COUNTY: FRANKLIN, LINCOLN

WORKING NUMBER
GN-1

SHEET NUMBER
3

FILE NAME: GN-1
DESIGN TEAM D7 CHECKED NW DATE 072019

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8-8-2019 4:05 PM L:\03\GN-001

FMS CON: 107935/301000 ⚠FMS CON: 107935/302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

1st O.REV.

PROPOSED

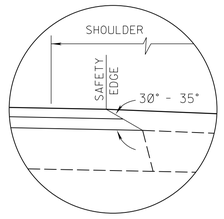
1. TACK COAT REQ'D.
2. 0.75" & VAR. THICKNESS ASPHALT, MT (9.5MM MIXTURE, LEVELING) WHERE REQ'D FOR SPOT LEVELING AS DIRECTED BY THE PROJECT ENGINEER
3. 1.50" ASPHALT, MT (9.5MM MIXTURE) REQ'D
4. GROUND IN RUMBLE STRIPES WHERE REQ'D
5. 1.50" AND VAR. DEPTH OF CLASS 6 GROUP D GRANULAR MATERIAL REQ'D
6. 1.50" & VAR. FINE MILLING WHERE REQ'D
7. SCRUB SEAL REQ'D
8. 1.50" ASPHALT, HT (9.5MM MIXTURE) REQ'D
9. (NOT USED THIS SHEET)
10. TYPE V NONWOVEN GEOTEXTILE FABRIC

PROPOSED (CONT.)

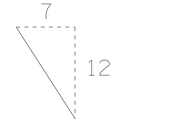
11. 2.00" ASPHALT, MT (12.5MM MIXTURE) REQ'D
12. 5.50" (2 LIFTS @ 2.75") ASPHALT, MT (19MM MIXTURE) REQ'D
13. 6" CRUSHED STONE BASE
14. 3.50" ASPHALT, MT (19MM MIXTURE) REQ'D
15. 7.00" AND VAR. FINE MILLING REQ'D

EXISTING

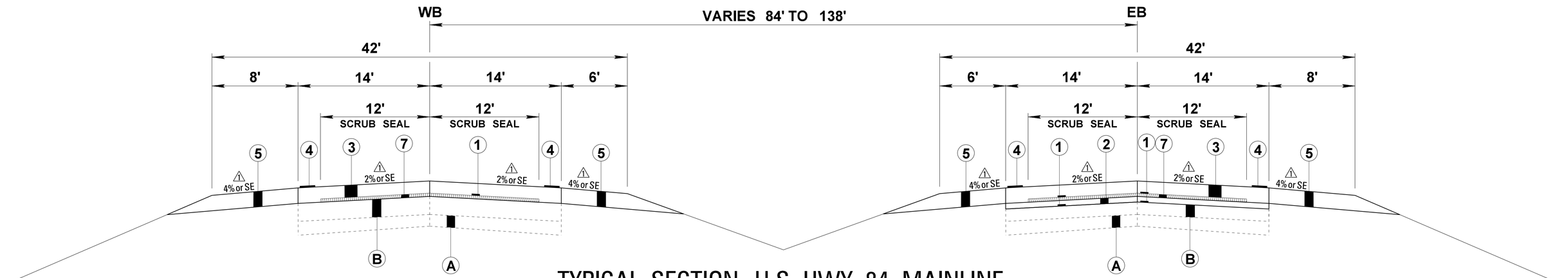
- A. EXISTING 6" LIME TREATED GRANULAR BASE
- B. EXISTING BITUMINOUS PAVEMENT



SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY

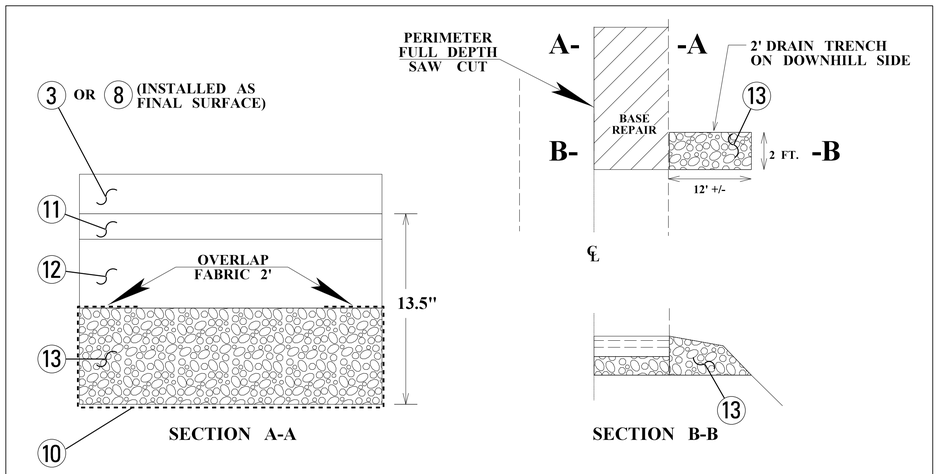


ANGLE OF REPOSE PERMITTED

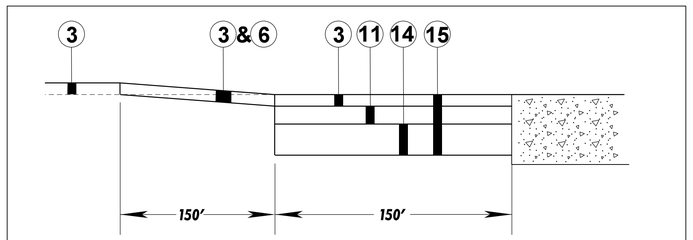


TYPICAL SECTION U.S. HWY 84 MAINLINE
SCRUB SEAL AND OVERLAY

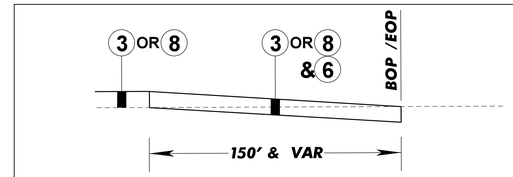
FRANKLIN COUNTY 107935/301000
B.O.P. STA. 657+87 TO STA. 726+54.35
LINCOLN COUNTY 107935/302000
STA 731+31.09 TO STA. 1211+93



BASE REPAIR TYPICAL



DETAIL OF FULL DEPTH REPAIR AT BRIDGES



MILLING DETAIL FOR TRANSITIONS

-- PROJECT LIMITS: B.O.P., E.O.P., LOCAL ROADS
-- BETWEEN OVERLAY AND MILL/OVERLAY SECTIONS
-- AT TRAILING END OF BRIDGES

*****NOT TO SCALE*****

BY	REVISION	DATE
NW	X-SLOPE, COUNTY, FMS#	8/15/19

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION MAINLINE

PROJ. NO.: NH-0015-01(138)
COUNTY: FRANKLIN, LINCOLN ⚠

FILE NAME: (04)TS-001.dgn
DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER TS-1

SHEET NUMBER 4

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/19/2019 1:32 PM (04)TS-001

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

1st O.REV.

PROPOSED

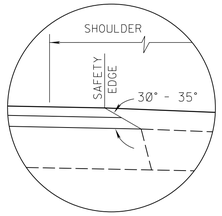
1. TACK COAT REQ'D.
2. 0.75" & VAR. THICKNESS ASPHALT, MT (9.5MM MIXTURE, LEVELING) WHERE REQ'D FOR SPOT LEVELING AS DIRECTED BY THE PROJECT ENGINEER
3. (NOT USED THIS SHEET)
4. GROUND IN RUMBLE STRIPES WHERE REQ'D
5. 1.50" AND VAR. DEPTH OF CLASS 6 GROUP D GRANULAR MATERIAL REQ'D
6. 1.50" & VAR. FINE MILLING WHERE REQ'D
7. SCRUB SEAL REQ'D
8. 1.50" ASPHALT, HT (9.5MM MIXTURE) REQ'D
9. 1.50" ASPHALT, ST (9.5MM MIXTURE) REQ'D
10. (NOT USED THIS SHEET)

PROPOSED (CONT.)

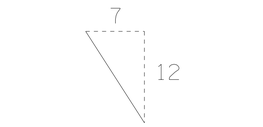
11. (NOT USED THIS SHEET)
12. (NOT USED THIS SHEET)
13. (NOT USED THIS SHEET)
14. (NOT USED THIS SHEET)
15. (NOT USED THIS SHEET)

EXISTING

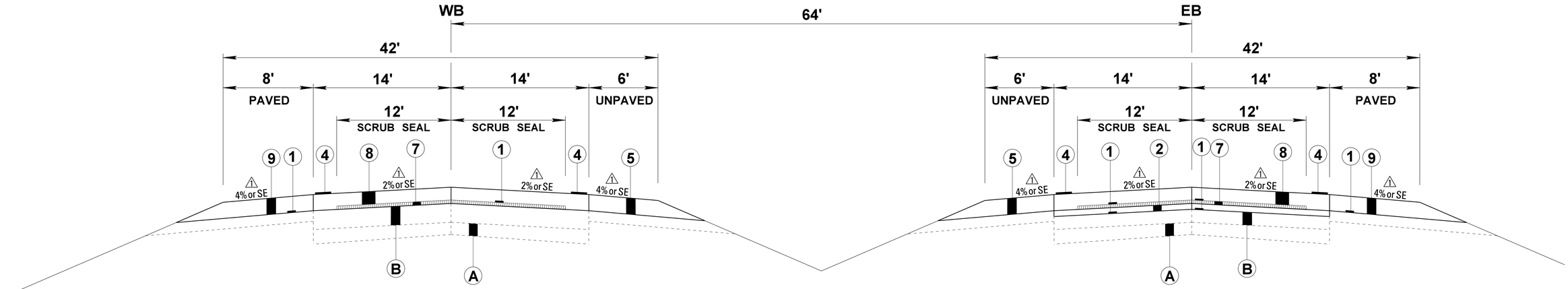
A. EXISTING 10" AND VAR. CEMENT TREATED GRANULAR BASE
B. EXISTING 8" AND VAR. BITUMINOUS PAVEMENT



SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY

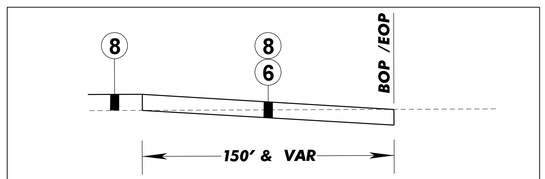


ANGLE OF REPOSE PERMITTED



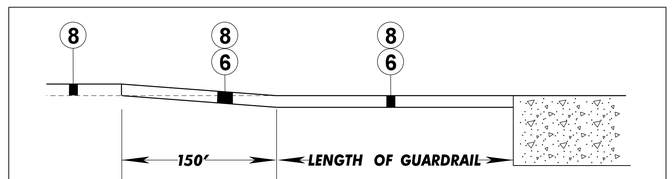
TYPICAL SECTION U.S. HWY 84 MAINLINE SCRUB SEAL AND OVERLAY

LINCOLN COUNTY 107935/302000
STA. 72 + 00 TO STA. 122 + 00



MILLING DETAIL FOR TRANSITIONS

-- PROJECT LIMITS: B.O.P., E.O.P., LOCAL ROADS
-- BETWEEN OVERLAY AND MILL/OVERLAY SECTIONS
-- AT TRAILING END OF BRIDGES



DETAIL OF MILLING AT BRIDGES

NOT TO SCALE

BY	REVISION	DATE
NW	X-SLOPE, FMS-NO	8/15/19

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION
MAINLINE

PROJ. NO.: NH-0015-01(138)
COUNTY: LINCOLN

WORKING NUMBER
TS-2

SHEET NUMBER
5

FILE NAME: TS-002.DGN
DESIGN TEAM D7 CHECKED NW DATE 2019

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/19/2019 1:33 PM (05) TS-002

1st O.REV.

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

PROPOSED

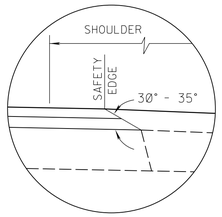
1. TACK COAT REQ'D.
2. (NOT USED THIS SHEET)
3. (NOT USED THIS SHEET)
4. GROUND IN RUMBLE STRIPES WHERE REQ'D
5. 1.50" AND VAR. DEPTH OF CLASS 6 GROUP D GRANULAR MATERIAL REQ'D
6. 1.50" & VAR. FINE MILLING WHERE REQ'D
7. (NOT USED THIS SHEET)
8. 1.50" ASPHALT, HT (9.5MM MIXTURE) REQ'D
9. 1.50" ASPHALT, ST (9.5MM MIXTURE) REQ'D
10. (NOT USED THIS SHEET)

PROPOSED (CONT.)

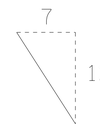
11. (NOT USED THIS SHEET)
12. (NOT USED THIS SHEET)
13. (NOT USED THIS SHEET)
14. (NOT USED THIS SHEET)
15. (NOT USED THIS SHEET)

EXISTING

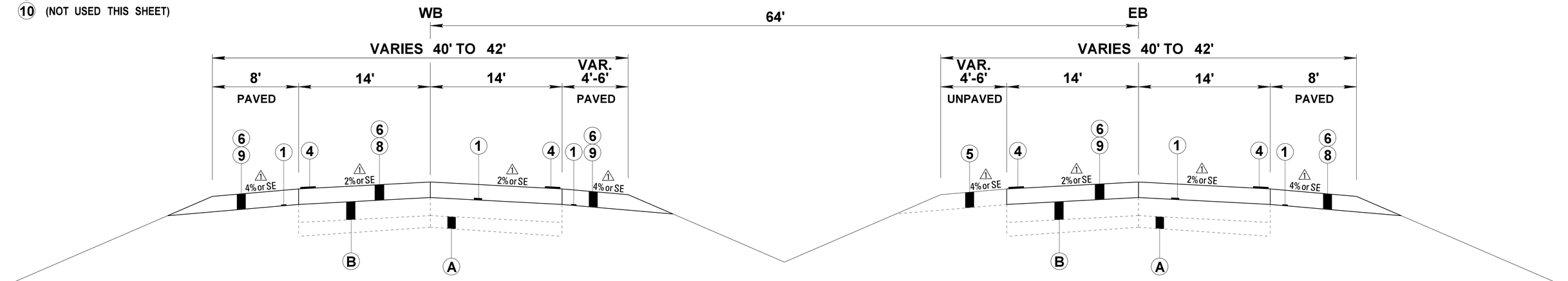
- A. EXISTING 6" AND VAR. LIME TREATED GRANULAR BASE
- B. EXISTING 7.25" AND VAR. BITUMINOUS PAVEMENT



SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY

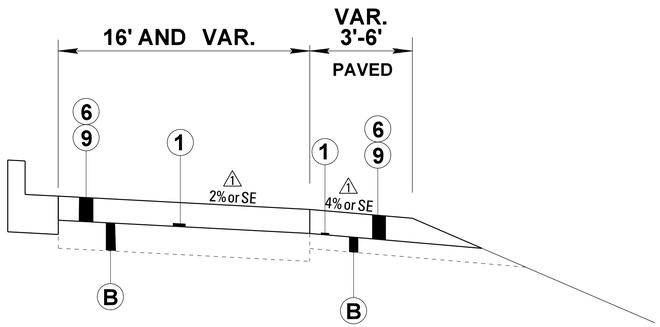


ANGLE OF REPOSE
PERMITTED



TYPICAL SECTION U.S. HWY 84 MAINLINE MILL AND OVERLAY

LINCOLN COUNTY 107935/302000
STA 1229+69 TO STA. 1254+39 BK
STA. 70+90 AH TO STA. 72+00
STA. 122+00 TO STA. 128+32 (EOP)



TYPICAL SECTION I–55 RAMPS MILL AND OVERLAY

LINCOLN COUNTY 107935/302000

NOT TO SCALE

BY	REVISION	DATE
NW	X-SLOPE	8/15/19

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION
MAINLINE

PROJ. NO.: NH-0015-01(138)
COUNTY: FRANKLIN, LINCOLN

WORKING NUMBER
TS-3

SHEET NUMBER
6

FILE NAME: TS-003.DGN
DESIGN TEAM D7 CHECKED NW DATE 2019

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/19/2019 1:33 PM L:\06\TS-003

1st O.REV.

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

PROPOSED

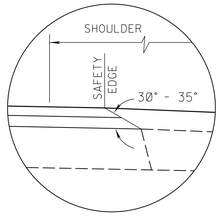
1. TACK COAT REQ'D.
2. (NOT USED THIS SHEET)
3. (NOT USED THIS SHEET)
4. GROUND IN RUMBLE STRIPES WHERE REQ'D
5. 1.50" AND VAR. DEPTH OF CLASS 6 GROUP D GRANULAR MATERIAL REQ'D
6. 1.50" & VAR. FINE MILLING WHERE REQ'D
7. (NOT USED THIS SHEET)
8. 1.50" ASPHALT, HT (9.5MM MIXTURE) REQ'D
9. 1.50" ASPHALT, ST (9.5MM MIXTURE) REQ'D
10. (NOT USED THIS SHEET)

PROPOSED (CONT.)

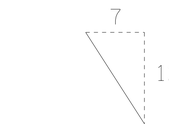
11. (NOT USED THIS SHEET)
12. (NOT USED THIS SHEET)
13. (NOT USED THIS SHEET)
14. (NOT USED THIS SHEET)
15. (NOT USED THIS SHEET)

EXISTING

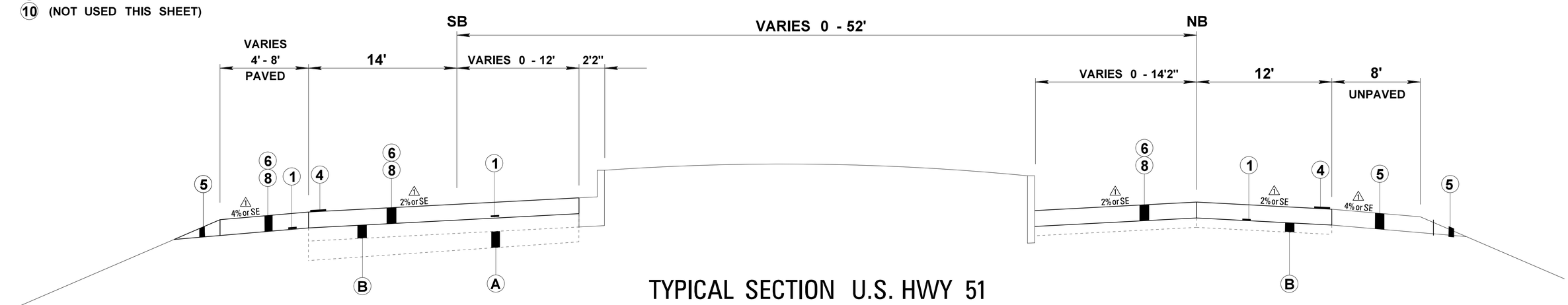
A. EXISTING 10" AND VAR. CEMENT TREATED GRANULAR BASE
B. EXISTING 6.75" AND VAR. BITUMINOUS PAVEMENT



SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY

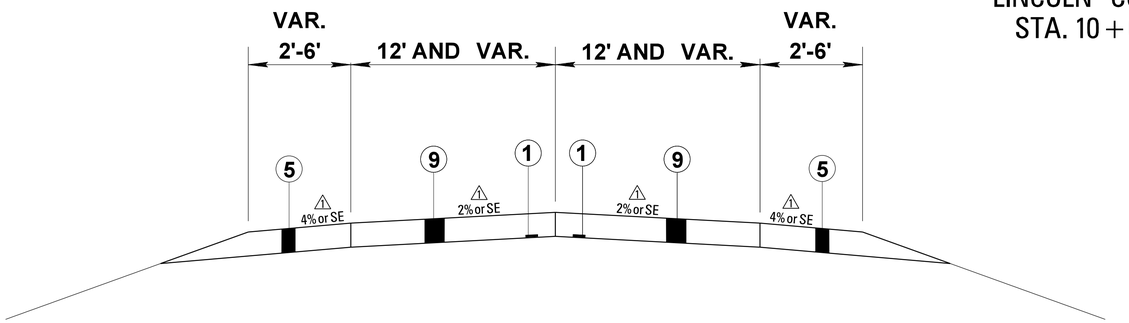


ANGLE OF REPOSE
PERMITTED



TYPICAL SECTION U.S. HWY 51 MILL AND OVERLAY

LINCOLN COUNTY 107935/302000
STA. 10+00 TO STA. 27+72



TYPICAL SECTION FRONTAGE ROADS 1.5" OVERLAY

LINCOLN COUNTY 107935/302000

SR 184 (NATCHEZ DRIVE)
STA. 0+12 TO STA. 16+00

MDOT FRONTAGE RD
STA. 0+22 TO STA. 1+35
STA. 96+00 TO STA. 111+88

NOT TO SCALE

BY	REVISION	DATE
NW	X-SLOPE	8/15/19

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION
U.S. HWY 51

PROJ. NO.: NH-0015-01(138)
COUNTY: FRANKLIN, LINCOLN

WORKING NUMBER
TS-4

FILE NAME: TS-004.DGN
DESIGN TEAM D7 CHECKED NW DATE 2019

SHEET NUMBER
7

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/19/2019 1:33 PM (07) TS-004

STATE	PROJECT NO.
MISS	NH-0015-01(138)/NH-0015-01(138)

SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	FRANKLIN : 107935-301000	
			Prelim	Final
202-B240	Removal of Traffic Stripe	LF	4,208	
304-A008	Granular Material, LVM, Class 6, Group D	CY	1,965	
403-A002	12.5-mm, MT, Asphalt Pavement	TON	308	
403-A005	19-mm, MT, Asphalt Pavement	TON	539	
403-A014	9.5-mm, MT, Asphalt Pavement	TON	3,696	
403-B011	9.5-mm, MT, Asphalt Pavement, Leveling	TON	248	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	4,457	
407-A001	Asphalt for Tack Coat	GAL	4,473	
412-A001	Pre-Grinding	SF	528	
907-414-A001	Scrub Seal	SY	31,461	
907-420-A001	Undersealing	LBS	3,900	
423-A001	Rumble Strips, Ground In	MI	5	
503-C010	Saw Cut, Full Depth	LF	1,968	
618-A001	Maintenance of Traffic	LS	1	
618-B001	Additional Construction Signs	SF	1	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	2	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	2	
619-A3001	Temporary Traffic Stripe, Skip White	MI	2	
619-A5001	Temporary Traffic Stripe, Detail	LF	12,130	
619-A6001	Temporary Traffic Stripe, Legend	SF	192	
619-A6002	Temporary Traffic Stripe, Legend	LF	868	
620-A001	Mobilization	LS	1	
907-624-A002	6" Inverted Profile Thermoplastic Traffic Stripe, Skip White	LF	1,870	
907-624-B002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White	LF	1,860	
907-624-D002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow	LF	1,880	
	OR			
628-G001	6" High Performance Cold Plastic Traffic Stripe, Skip White	LF	1,870	
628-H001	6" High Performance Cold Plastic Traffic Stripe, Continuous White	LF	1,860	
628-J001	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow	LF	1,880	
626-A004	6" Thermoplastic Traffic Stripe, Skip White	MI	2	
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	2	
626-F001	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow	MI	2	
626-G002	Thermoplastic Detail Stripe, White	LF	1,260	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	6,986	
626-H004	Thermoplastic Legend, White	SF	112	
627-H001	Chip Seal Reflective Raised Markers	EA	219	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	219	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	249	
630-F002	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow	EA	16	
630-F006	Delineators, Guard Rail, White	EA	17	
630-F007	Delineators, Guard Rail, Yellow	EA	18	

By	**MISSISSIPPI DEPARTMENT OF TRANSPORTATION** **SUMMARY OF QUANTITIES**	
Revision	PROJ NO: NH-0015-01(138) COUNTY: FRANKLIN	Working Number SQ-1
Date	FILENAME: SQ Design Team DZ Checked Date 7/15/2019	Sheet Number 8

STATE	PROJECT NO.
MISS	NH-0015-01(138)/NH-0015-01(138)

SUMMARY OF QUANTITIES (SHEET 2)

PAY ITEM NO.	PAY ITEM	UNIT	LINCOLN : 107935-302000	
			Prelim	Final
202-B007	Removal of Asphalt Pavement, All Depths	SY	3,551	
202-B240	Removal of Traffic Stripe	LF	1,440	
203-G002	Excess Excavation, LVM, AH	CY	364	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	1,110	
304-A008	Granular Material, LVM, Class 6, Group D	CY	18,556	
304-H001	3/4" and Down Crushed Stone Base, LVM	CY	593	
	OR			
304-H002	Size 610 Crushed Stone Base, LVM	CY	593	
	OR			
304-H003	Size 825B Crushed Stone Base, LVM	CY	593	
403-A002	12.5-mm, MT, Asphalt Pavement	TON	83	
403-A005	19-mm, MT, Asphalt Pavement	TON	227	
403-A014	9.5-mm, MT, Asphalt Pavement	TON	26,983	
403-A015	9.5-mm, ST, Asphalt Pavement	TON	5,146	
403-B011	9.5-mm, MT, Asphalt Pavement, Leveling	TON	2,028	
403-D007	9.5-mm, HT, Asphalt Pavement, Polymer Modified	TON	4,041	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	62,082	
407-A001	Asphalt for Tack Coat	GAL	40,256	
412-A001	Pre-Grinding	SF	1,836	
907-414-A001	Scrub Seal	SY	281,280	
423-A001	Rumble Strips, Ground In	MI	43	
503-C010	Saw Cut, Full Depth	LF	735	
618-A001	Maintenance of Traffic	LS	1	
618-B001	Additional Construction Signs	SF	1	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	42	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	38	
619-A3001	Temporary Traffic Stripe, Skip White	MI	45	
619-A5001	Temporary Traffic Stripe, Detail	LF	107,816	
619-A6001	Temporary Traffic Stripe, Legend	SF	978	
619-A6002	Temporary Traffic Stripe, Legend	LF	15,620	
620-A001	Mobilization	LS	1	
907-624-A002	6" Inverted Profile Thermoplastic Traffic Stripe, Skip White	LF	640	
907-624-B002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White	LF	640	
907-624-D002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow	LF	640	
	OR			
628-G001	6" High Performance Cold Plastic Traffic Stripe, Skip White	LF	640	
628-H001	6" High Performance Cold Plastic Traffic Stripe, Continuous White	LF	640	
628-J001	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow	LF	640	
626-A004	6" Thermoplastic Traffic Stripe, Skip White	MI	22	
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	22	

By

Revision

Date

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

PROJ NO: NH-0015-01(138)
COUNTY: LINCOLN

FILENAME: SQ
Design Team DZ Checked Date 7/15/2019

Working Number
SQ-2

Sheet Number
9

STATE	PROJECT NO.
MISS	NH-0015-01(138)/NH-0015-01(138)

SUMMARY OF QUANTITIES (SHEET 3)

PAY ITEM NO.	PAY ITEM	UNIT	LINCOLN : 107935-302000	
			Prelim	Final
626-F001	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow	MI	21	
626-G002	Thermoplastic Detail Stripe, White	LF	46,965	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	31,159	
626-H004	Thermoplastic Legend, White	SF	511	
626-H005	Thermoplastic Legend, White	LF	13,716	
627-H001	Chip Seal Reflective Raised Markers	EA	1,788	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	2,071	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	3,010	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	2,254	
630-F002	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow	EA	84	
630-F003	Delineators, Flexible Post Mounted, Crossover, Type II	EA	12	
630-F006	Delineators, Guard Rail, White	EA	29	
630-F007	Delineators, Guard Rail, Yellow	EA	31	

By	**MISSISSIPPI DEPARTMENT OF TRANSPORTATION** **SUMMARY OF QUANTITIES**		
Revision	PROJ NO: NH-0015-01(138) COUNTY: LINCOLN		Working Number SQ-3
Date	FILENAME: SQ Design Team DZ Checked Date 7/15/2019		Sheet Number 10

STATE	PROJECT NO.
MISS	NH-0015-01(138)/NH-0015-01(138)

SUMMARY OF QUANTITIES (SHEET 4)

PAY ITEM NO.	PAY ITEM	UNIT	Total Amount	
			Prelim	Final
202-B007	Removal of Asphalt Pavement, All Depths	SY	3,551	
202-B240	Removal of Traffic Stripe	LF	5,648	
203-G002	Excess Excavation, LVM, AH	CY	364	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	1,110	
304-A008	Granular Material, LVM, Class 6, Group D	CY	20,521	
304-H001	3/4" and Down Crushed Stone Base, LVM	CY	593	
	OR			
304-H002	Size 610 Crushed Stone Base, LVM	CY	593	
	OR			
304-H003	Size 825B Crushed Stone Base, LVM	CY	593	
403-A002	12.5-mm, MT, Asphalt Pavement	TON	391	
403-A005	19-mm, MT, Asphalt Pavement	TON	766	
403-A014	9.5-mm, MT, Asphalt Pavement	TON	30,679	
403-A015	9.5-mm, ST, Asphalt Pavement	TON	5,146	
403-B011	9.5-mm, MT, Asphalt Pavement, Leveling	TON	2,276	
403-D007	9.5-mm, HT, Asphalt Pavement, Polymer Modified	TON	4,041	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	66,539	
407-A001	Asphalt for Tack Coat	GAL	44,729	
412-A001	Pre-Grinding	SF	2,364	
907-414-A001	Scrub Seal	SY	312,741	
907-420-A001	Undersealing	LBS	3,900	
423-A001	Rumble Strips, Ground In	MI	48	
503-C010	Saw Cut, Full Depth	LF	2,703	
618-A001	Maintenance of Traffic	LS	1	
618-B001	Additional Construction Signs	SF	2	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	44	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	40	
619-A3001	Temporary Traffic Stripe, Skip White	MI	47	
619-A5001	Temporary Traffic Stripe, Detail	LF	119,946	
619-A6001	Temporary Traffic Stripe, Legend	SF	1,170	
619-A6002	Temporary Traffic Stripe, Legend	LF	16,488	
620-A001	Mobilization	LS	1	
907-624-A002	6" Inverted Profile Thermoplastic Traffic Stripe, Skip White	LF	2,510	
907-624-B002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White	LF	2,500	
907-624-D002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow	LF	2,520	
	OR			
628-G001	6" High Performance Cold Plastic Traffic Stripe, Skip White	LF	2,510	
628-H001	6" High Performance Cold Plastic Traffic Stripe, Continuous White	LF	2,500	
628-J001	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow	LF	2,520	
626-A004	6" Thermoplastic Traffic Stripe, Skip White	MI	24	

By

Revision

Date

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES - PROJECT TOTALS

PROJ NO: NH-0015-01(138)/NH-0015-01(138)
FMS: 107935-301000/107935-302000

Working Number
SQ-4

FILENAME: SQ
Design Team DZ Checked Date 7/15/2019

Sheet Number
11

STATE	PROJECT NO.
MISS	NH-0015-01(138)/NH-0015-01(138)

SUMMARY OF QUANTITIES (SHEET 5)

PAY ITEM NO.	PAY ITEM	UNIT	Total Amount	
			Prelim	Final
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	24	
626-F001	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow	MI	23	
626-G002	Thermoplastic Detail Stripe, White	LF	48,225	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	38,145	
626-H004	Thermoplastic Legend, White	SF	623	
626-H005	Thermoplastic Legend, White	LF	13,716	
627-H001	Chip Seal Reflective Raised Markers	EA	2,007	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	2,071	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	3,229	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	2,503	
630-F002	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow	EA	100	
630-F003	Delineators, Flexible Post Mounted, Crossover, Type II	EA	12	
630-F006	Delineators, Guard Rail, White	EA	46	
630-F007	Delineators, Guard Rail, Yellow	EA	49	

1st O.REV.

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

ESTIMATED QUANTITIES FOR PAVEMENT REHABILITATION

STATION	STATION	RMRK	EQUN & BR LF	LENGTH LF	WIDTH LF	SCRUB SEAL 24' WIDTH SY	9.5MM ASPH. LEVELING TON	9.5MM MT ASPHALT TON	FINE MILLING SY	9.5MM HT ASPHALT TON	9.5M ST ASPHALT TON	TACK COAT GAL	12.5MM MT ASPHALT TON	19MM MT ASPHALT TON	CRUSHED STONE, LVM CY	GRANULAR MAT'L, LVM CY
107935/301000 FRANKLIN COUNTY																
662+42	726+54	84L	-688	5,424	28	15,046	118.6	1,392.2				2,139				940
660+43	726+54	84R	-693	5,918	28	16,415	129.4	1,519.0				2,334				1,025
GUARDRAIL PADS								87.7								
CROSSOVERS								328.9								
DRIVEWAY PADS								247.8								
BRIDGE END REPAIRS								120.6	4,457				308.0	539.0		
107935/302000 LINCOLN COUNTY																
731+31	1211+93	84L	-671	47,391	28	127,253	917.3	12,163.7				16,005 ⚠1				8,731
1229+65	72+00	84L	118,029	2,264	28				8,050	581.1	249.0	581				0
72+00	122+00	84L	0	5,000	28	13,425	96.8			1,283.3	366.7	1,283				410
122+00	128+32	84L	0	632	28				1,966	162.2	46.3	162				52
731+31	1211+93	84R	-652	47,410	28	127,305	917.7	12,168.6				16,011 ⚠1				8,734
1229+65	72+00	84R	118,029	2,264	28				9,056	581.1	249.0	581				0
72+00	122+00	84R	-48	4,952	28	13,297	95.9			1,271.0	363.2	1,271				405
122+00	128+32	84R	0	632	28				2,528	162.2	46.3	162				52
13+75	23+86	51L	0	1,011	24			222.4	3,270		74.1	222				172
13+75	30+59	51R	0	1,684	24			370.5	5,447			370				
GUARDRAIL PADS								27.5	333		204.4	3,608 ⚠1				
LOCAL ROADS								1,617.1	31,432		1,765.0					
CROSSOVERS								157.8			1,781.7					
DRIVEWAY PADS								255.4								
BASE REPAIRS													82.7	227.3	593	
TOTALS FOR 107935/301000 FRANKLIN COUNTY						31,461	248.0	3,696.2	4,457	0	0	4,473	308.0	539.0	0	1,965
TOTALS FOR 107935/302000 LINCOLN COUNTY						281,280	2027.7	26,983.0	62,082	4,040.9	5,145.7	40,256 ⚠1	82.7	227.3	593	18,556

⚠1 TACK COAT FMS CON. COUNTY — NW — 8/15/19

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES FOR PAVEMENT REHABILITATION

PROJ. NO.: NH-0015-01(138)

COUNTY: FRANKLIN, LINCOLN ⚠1

WORKING NUMBER **EQ-1**

SHEET NUMBER **13**

FILE NAME: (11)EQ-PAVING-001.dgn

DESIGN TEAM _____ CHECKED _____ DATE _____

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/19/2019 1:33 PM (11)EQ-PAVING-001

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

SIGNS REQUIRED

	SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
	G20 - 1	60" X 24"	10.00 ♦	4	40	ROAD WORK NEXT X X MILES
	G20 - 2	48" X 24"	8.00	7	56	END ROAD WORK
	G20 - 4	36" X 18"	4.50			PILOT CAR FOLLOW ME
[1]	M1 - 1	24" X 24"	4.00			1 OR 2 DIGIT
[1]	M1 - 1	30" X 24"	5.00			3 DIGIT
[2]	M1 - 4	24" X 24"	4.00			1 OR 2 DIGIT
[2]	M1 - 4	30" X 24"	5.00			3 DIGIT
[3]	M1 - 5	24" X 24"	4.00			1 OR 2 DIGIT
[3]	M1 - 5	30" X 24"	5.00			3 DIGIT
[4]	M3 - 1	24" X 12"	2.00			NORTH- 1 OR 2 DIGIT RTE. MARKER
[4]	M3 - 1	30" X 15"	3.13			NORTH- 3 DIGIT RTE. MARKER
[4]	M3 - 2	24" X 12"	2.00			EAST- 1 OR 2 DIGIT RTE. MARKER
[4]	M3 - 2	30" X 15"	3.13			EAST- 3 DIGIT RTE. MARKER
[4]	M3 - 3	24" X 12"	2.00			SOUTH- 1 OR 2 DIGIT RTE. MARKER
[4]	M3 - 3	30" X 15"	3.13			SOUTH- 3 DIGIT RTE. MARKER
[4]	M3 - 4	24" X 12"	2.00			WEST- 1 OR 2 DIGIT RTE. MARKER
[4]	M3 - 4	30" X 15"	3.13			WEST- 3 DIGIT RTE. MARKER
	M4 - 8	24" X 12"	2.00			DETOUR- 1 OR 2 DIGIT RTE. MARKER
	M4 - 8	30" X 15"	3.13			DETOUR- 3 DIGIT RTE. MARKER
	M4 - 9	48" X 36"	12.00 ♦			DETOUR ↑
	M4 - 9L	48" X 36"	12.00 ♦			DETOUR ←
	M4 - 9BL	48" X 36"	12.00 ♦			DETOUR ↰
	M4 - 9SL	48" X 36"	12.00 ♦			DETOUR ↖
	M4 - 9BSL	48" X 36"	12.00 ♦			DETOUR ↰
	M4 - 9R	48" X 36"	12.00 ♦			DETOUR →
	M4 - 9BR	48" X 36"	12.00 ♦			DETOUR ↱
	M4 - 9SR	48" X 36"	12.00 ♦			DETOUR ↗
	M4 - 9BSR	48" X 36"	12.00 ♦			DETOUR ↱
	M4 - 10L	48" X 18"	6.00			DETOUR ←
	M4 - 10R	48" X 18"	6.00			DETOUR →
[4]	M4 - 5	24" X 12"	2.00			TO
[4]	M5 - 1L	21" X 15"	2.19			↰
[4]	M5 - 1R	21" X 15"	2.19			↱
[4]	M5 - 2L	21" X 15"	2.19			↖
[4]	M5 - 2R	21" X 15"	2.19			↗
[4]	M6 - 1L	21" X 15"	2.19			←
[4]	M6 - 1R	21" X 15"	2.19			→
[4]	M6 - 2L	21" X 15"	2.19			↖
[4]	M6 - 2R	21" X 15"	2.19			↗
[4]	M6 - 3	21" X 15"	2.19			↑
	R1 - 1	36" OCTAGON	7.46			STOP (1)
	R1 - 1	48" OCTAGON	13.25 ♦			STOP (2)
	R1 - 2	48" X 48" X 48"	6.93			YIELD (1)
	R1 - 2	60" X 60" X 60"	10.83 ♦			YIELD (2)

SIGNS REQUIRED (CONT'D)

	SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
	R1 - 3	18" X 9"	1.13			3-WAY, 4 WAY ETC. (1)
	R1 - 3	24" X 12"	2.00			3-WAY, 4 WAY ETC. (2)
	R2 - 1	24" X 30"	5.00			SPEED LIMIT (1)
	R2 - 1	36" X 48"	12.00 ♦			SPEED LIMIT (2)
[6]	R2 - 1	48" X 60"	20.00 ♦			SPEED LIMIT
	R3 - 1	36" X 36"	9.00			(1)
	R3 - 1	48" X 48"	16.00 ♦			(2)
	R3 - 2	36" X 36"	9.00			(1)
	R3 - 2	48" X 48"	16.00 ♦			(2)
	R3 - 4	36" X 36"	9.00			(1)
	R3 - 4	48" X 48"	16.00 ♦			(2)
	R3 - 5L	30" X 36"	7.50			ONLY ←
	R3 - 5R	30" X 36"	7.50			ONLY →
	R3 - 6L	30" X 36"	7.50			↰
	R3 - 6R	30" X 36"	7.50			↱
	R3 - 7L	30" X 30"	6.25			LEFT LANE MUST TURN LEFT
	R3 - 7R	30" X 30"	6.25			RIGHT LANE MUST TURN RIGHT
	R4 - 1	24" X 30"	5.00			DO NOT PASS (1)
		48" X 60"	20.00 ♦			DO NOT PASS (2)
	R4 - 2	24" X 30"	5.00			PASS WITH CARE (1)
		48" X 60"	20.00 ♦			PASS WITH CARE (2)
	R4 - 7	48" X 60"	20.00 ♦			
	R4 - 8	48" X 60"	20.00 ♦			
	R5 - 1	48" X 48"	16.00 ♦			DO NOT ENTER
	R5 - 1a	42" X 30"	8.75			WRONG WAY
	R6 - 1L	36" X 12"	3.00			ONE WAY ←
	R6 - 1R	36" X 12"	3.00			ONE WAY →
	R6 - 2L	24" X 30"	5.00			ONE WAY ←
	R6 - 2R	24" X 30"	5.00			ONE WAY →
	R11 - 2	48" X 30"	10.00 ♦			ROAD CLOSED
	R11 - 3a	60" X 30"	12.50 ♦			ROAD CLOSED XX MILES AHEAD
	R11 - 3b	60" X 30"	12.50 ♦			BRIDGE OUT XX MILES AHEAD
	R11 - 4	60" X 30"	12.50 ♦			ROAD CLOSED TO THRU TRAFFIC
		96" X 36"	24.00	4	96	LOOSE ROCK NEXT XX MILES
	R12 - 1	36" X 48"	12.00 ♦			WEIGHT LIMIT XX TONS
[7]	R16- 3	36" X 48"	12.00 ♦			WHEN WORKERS ARE PRESENT SPEEDING FINES DOUBLED
[6] [7]		48" X 60"	20.00 ♦			
	W1 - 1L	48" X 48"	16.00 ♦			↰
	W1 - 1R	48" X 48"	16.00 ♦			↱
	W1 - 2L	48" X 48"	16.00 ♦			↖
	W1 - 2R	48" X 48"	16.00 ♦			↗
	W1 - 3L	48" X 48"	16.00 ♦			↰
	W1 - 3R	48" X 48"	16.00 ♦			↱
	W1 - 4aL	48" X 48"	16.00 ♦			↰
	W1 - 4aR	48" X 48"	16.00 ♦			↱
	W1 - 5L	48" X 48"	16.00 ♦			↰
	W1 - 5R	48" X 48"	16.00 ♦			↱
	W1 - 6L	48" X 24"	8.00			← (1)
	W1 - 6L	60" X 30"	12.50 ♦			← (2)
	W1 - 6R	48" X 24"	8.00			→ (1)
	W1 - 6R	60" X 30"	12.50 ♦			→ (2)
	W1 - 7	48" X 24"	8.00			↔ (1)

SIGNS REQUIRED (CONT'D)

SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
W1 - 7	60" X 30"	12.50 ♦			↔ (2)
W1 - 8L	18" X 24"	3.00			(1)
W1 - 8L	36" X 48"	12.00 ♦			(2)
W1 - 8R	18" X 24"	3.00			(1)
W1 - 8R	36" X 48"	12.00 ♦			(2)
W1 - 9L	48" X 48"	16.00 ♦			↰
W1 - 9R	48" X 48"	16.00 ♦			↱
W3 - 1a	48" X 48"	16.00 ♦			↑ ○
W3 - 2a	48" X 48"	16.00 ♦			↑ ▽
W3 - 3	48" X 48"	16.00 ♦			↑ 8
W3 - 5	48" X 48"	16.00 ♦			SPEED REDUCTION
W4 - 1L	48" X 48"	16.00 ♦			↑
W4 - 1R	48" X 48"	16.00 ♦			↑
W4 - 2L	48" X 48"	16.00 ♦			↑↑
W4 - 2R	48" X 48"	16.00 ♦			↑↑
W5 - 1a	48" X 48"	16.00 ♦			PAVEMENT NARROWS
W6 - 1	48" X 48"	16.00 ♦			↓↑
W6 - 2	48" X 48"	16.00 ♦			↓↑
W6 - 3	48" X 48"	16.00 ♦			↓↑
W8 - 1	48" X 48"	16.00 ♦			BUMP
W8 - 4	48" X 48"	16.00 ♦			SOFT SHOULDER
W8 - 6	48" X 48"	16.00 ♦			TRUCK CROSSING
W8 - 7	48" X 48"	16.00 ♦			LOOSE GRAVEL
W8 - 9	48" X 48"	16.00 ♦			LOW SHOULDER
W8 - 11	36" X 36"	9.00			UNEVEN LANES
W8 - 12	48" X 48"	16.00 ♦	24	384	NO CENTER STRIPE
W10 - 1	36" DIA.	7.07			(R R) (1)
W10 - 1	48" DIA.	12.56 ♦			(R R) (2)
W13 - 1	24" X 24"	4.00	24	96	XX MPH
W14 - 3	36"X48"X48"	5.56			NO PASSING ZONE (1)
	48"X64"X64"	9.89			NO PASSING ZONE (2)
W16-2	24" X 18"	3.00			XXX FEET
W19 - 2	48" X 48"	16.00 ♦			BRIDGE MAY ICE IN COLD WEATHER
W20 - 1	48" X 48"	16.00 ♦	60	960	ADVANCE ROAD WORK (1)
W20 - 1	36" X 36"	9.00			ADVANCE ROAD WORK (2)
W20 - 2	48" X 48"	16.00 ♦			ADVANCE DETOUR
W20 - 3	48" X 48"	16.00 ♦			ADVANCE ROAD CLOSED
W20 - 4	48" X 48"	16.00 ♦			ADVANCE ONE-LN. RD.
W20 - 4B	48" X 48"	16.00 ♦			ADVANCE ONE-LN. BR.
W20 - 5L	48" X 48"	16.00 ♦			ADVANCE LT. LN. CLOSED
W20 - 5R	48" X 48"	16.00 ♦			ADVANCE RT. LN. CLOSED
W20 - 7B	36" X 36"	9.00	4	36	BE PREPARED TO STOP
W20 - 7a	48" X 48"	16.00 ♦	4	64	
W21 - 1	36" X 36"	9.00			WORKERS
W21 - 1a	36" X 36"	9.00			

SIGNS REQUIRED (CONT'D)

SIGN NO.	SIZE	UNIT AREA SQ.FT.	QUAN. REQ'D.	TOTAL SIGN AREA SQ.FT.	REMARKS
W21 - 2	36" X 36"	9.00			FRESH OIL (TAR)
W21 - 3	48" X 48"	16.00 ♦			ADVANCE ROAD MACHINERY
W21 - 4	36" X 36"	9.00 ♦			ROAD WORK AHEAD
W21 - 6	36" X 36"	9.00			SURVEY CREW
W24 - 1L	48" X 48"	16.00 ♦			↰ ↱
W24 - 1R	48" X 48"	16.00 ♦			↰ ↱
W24 - 1AL	48" X 48"	16.00 ♦			↰ ↱
W24 - 1AR	48" X 48"	16.00 ♦			↰ ↱
W24 - 1BL	48" X 48"	16.00 ♦			↰ ↱
W24 - 1BR	48" X 48"	16.00 ♦			↰ ↱
	36" X 36"	9.00	24	216	LOOSE ROCK
VP - 1L	12" X 36"	3.00			
VP - 1R	12" X 36"	3.00			
	48" X 48"	16.00	4	36	LOOSE ROCK 35 MPH
[5] OM - 3L	12" X 36"	3.00			
[5] OM - 3R	12" X 36"	3.00			
TOTAL SIGN AREA			LESS THAN 10 SQ. FT.		404 SQ. FT.
TOTAL SIGN AREA			10 SQ. FT. OR MORE ♦		1,580 SQ. FT.

(1) STANDARD
(2) SPECIAL (USE WHERE WARRANTED)

NOTES

[1] INTERSTATE ROUTE MARKER
[2] UNITED STATES ROUTE MARKER
[3] STATE ROUTE MARKER
[4] COLORS OF CARDINAL DIRECTION MARKERS AND DIRECTIONAL ARROWS SHALL BE APPROPRIATE TO MATCH ACCOMPANYING ROUTE MARKERS.
[5] BLACK STRIPES ON YELLOW BACKGROUND
[6] INTERSTATE USE ONLY
[7] TOP OF SIGN - BLACK LETTERING ON ORANGE BACKGROUND, BOTTOM OF SIGN - BLACK LETTERING ON WHITE BACKGROUND

THE BACKGROUND OF ALL WARNING SIGNS ("W" SERIES) EXCEPT W10-1 SHALL BE ORANGE. THE W10-1 BACKGROUND SHALL BE YELLOW IN ALL CASES.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS

PROJ. NO.: NH-0015-01(138)
COUNTY: FRANKLIN, LINCOLN

WORKING NUMBER: TCPQ-1
SHEET NUMBER: 14

REVISION | BY | DATE

FILE NAME: (14)TCPQ-001.dgn
DESIGN TEAM D7 CHECKED GW DATE 07/11/2019

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/8/2019 4:05 PM (14)TCPQ-001.DGN

FMS CON: 107935 /301000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

EQUATION:
PT Sta 665+30.930 BK =
PT Sta 664+34.560 AH

BOP STA 657+50
BEGIN FMS
NO. 107935/301000

660
665
665
670
675
660
665
670
675
655
655
650
RAILROAD
℄

PT Sta. 664+34.557

STA 664+75 LT
STA 663+43 RT
BEGIN SCRUB SEAL AND MT OVERLAY

INDICATES 1.5" AND VAR. FINE MILLING REQ'D
SEE DETAILS ON SHEETS WK TS-1, TS-2

INDICATES 7.0" FINE MILLING AND BRIDGE
END REPAIR REQ'D, SEE DETAIL SHEET WK TS-1

INDICATES FULL DEPTH BASE REPAIR REQ'D
SEE DETAIL SHEET WK TS-1

PROFILE LEGEND
RT LN ——————
LT LN – – – – –

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STA 659+83 - 660+33
BRIDGE END PAVEMENT RT
650 LBS UNDERSEALING REQ'D

STA 660+33 - 661+83 RT
467 SY AT 7" DEPTH FINE MILLING REQ'D
90 TONS 19MM MT ASPHALT REQ'D
51 TONS 12.5MM MT ASPHALT REQ'D

STA 661+92 - 662+42
BRIDGE END PAVEMENT LT
650 LBS UNDERSEALING REQ'D

STA 662+42 - 663+92 LT
467 SY AT 7" DEPTH FINE MILLING REQ'D
90 TONS 19MM ASPHALT REQ'D
51 TONS 12.5 MT ASPHALT REQ'D
6 EA GUARDRAIL DELINEATORS, YELLOW REQ'D RT OF LT
5 EA GUARDRAIL DELINEATORS, WHITE REQ'D LT OF LT

EQUATION:
BK 665 + 30.93
AH 664 + 34.56

STA 672+20
4 EA TYPE 1 CROSSOVER DELINEATORS REQ'D

STA 667+40 - 675+90 LT
467 SY AT 7" DEPTH FINE MILLING REQ'D
90 TONS 19MM ASPHALT REQ'D
51 TONS 12.5 MT ASPHALT REQ'D

STA 675+90 - 676+10
BRIDGE END PAVEMENT LT
650 LBS UNDERSEALING REQ'D

STA 674+45 - 675+95 RT
467 SY AT 7" DEPTH FINE MILLING REQ'D
90 TONS 19MM MT ASPHALT REQ'D
51 TONS 12.5MM MT ASPHALT REQ'D
6 EA GUARDRAIL DELINEATORS, YELLOW REQ'D RT
6 EA GUARDRAIL DELINEATORS, WHITE REQ'D LT

STA 675+95 - 676+15
BRIDGE END PAVEMENT RT
650 LBS UNDERSEALING REQ'D

	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679
RT	322.28	323.48	324.65	325.75	326.79	327.77	328.69	329.54	330.33	331.06	331.73	332.33	332.87	333.35	333.76	334.12	334.41	334.64	334.80	334.91	334.95	334.93	334.84	334.70	334.49	334.21	333.88	333.48	333.03	332.50	331.92
LT	317.30	318.47	319.64	320.81	321.98	323.14	324.25	325.30	326.28	327.21	328.07	328.87	329.60	330.28	330.89	331.44	331.92	332.35	332.71	333.01	333.24	333.42	333.53	333.57	333.56	333.48	333.35	333.14	332.88	332.55	332.16

	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679
RT	331.27	330.56	329.79	328.96	328.06	327.12	326.19	325.25	324.31	323.37	322.44	321.50	320.56	319.62	318.69
LT	331.75	331.24	330.67	330.03	329.34	328.58	327.75	326.87	325.92	324.94	323.96	322.97	321.99	321.01	320.03

	674	675	676	677	678	679
RT	317.75	316.81	315.87	314.94	314.00	313.06
LT	319.04	318.06	317.08	316.09	315.11	314.13

	674	675	676	677	678	679
RT	312.15	311.37	310.73	310.23	309.87	309.65
LT	313.14	312.16	311.25	310.47	309.83	309.33

	677	678	679
RT	309.56	309.61	309.81
LT	308.97	308.75	308.67

340 330 320 310 300 290 280 270

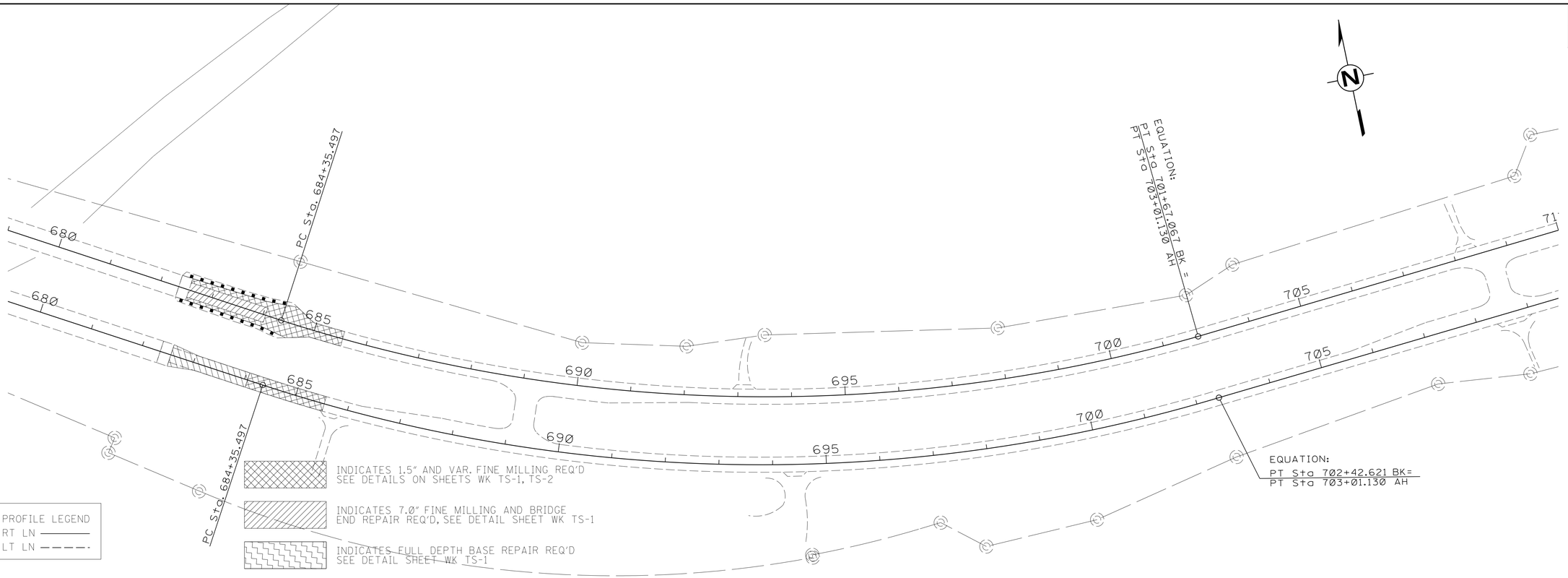
Wk. Sh. WK-3
Sh. No. 15

8/9/2019 4:06 PM (15)WK3.DGN

DESIGN TEAM: D7 | FILENAME: (15)WK3.dgn | COUNTY: FRANKLIN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

FMS CON: 107935 / 301000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



STA 682+35 - 682+55
BRIDGE END PAVEMENT LT
650 LBS UNDERSEALING REQ'D

STA 682+55 - 684+05 LT
467 SY AT 7" DEPTH FINE MILLING REQ'D
90 TONS 19MM ASPHALT REQ'D
51 TONS 12.5 MT ASPHALT REQ'D
6 EA GUARDRAIL DELINEATORS, WHITE, REQ'D LT OF LT
6 EA GUARDRAIL DELINEATORS, YELLOW, REQ'D RT OF LT

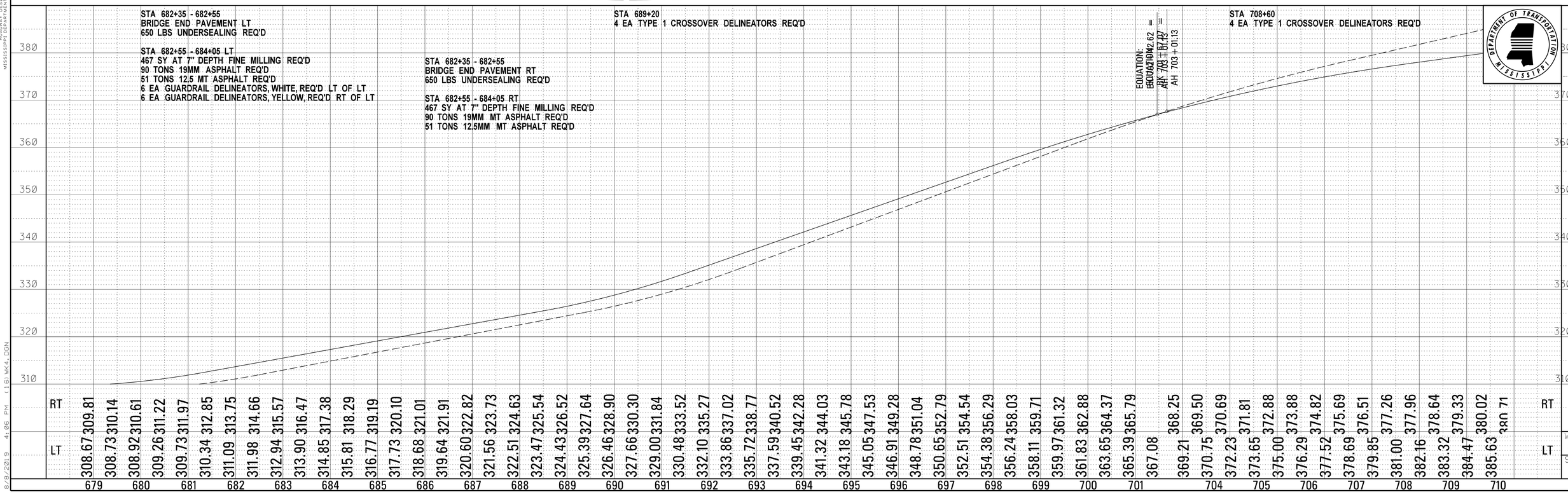
STA 682+35 - 682+55
BRIDGE END PAVEMENT RT
650 LBS UNDERSEALING REQ'D

STA 682+55 - 684+05 RT
467 SY AT 7" DEPTH FINE MILLING REQ'D
90 TONS 19MM MT ASPHALT REQ'D
51 TONS 12.5MM MT ASPHALT REQ'D

STA 689+20
4 EA TYPE 1 CROSSOVER DELINEATORS REQ'D

EQUATION:
PT Sta 702+42.62 =
PT Sta 703+01.13
BK 703+67.07 =
AH 703+01.13

STA 708+60
4 EA TYPE 1 CROSSOVER DELINEATORS REQ'D



Wk. Sh. WK-4
Sh. No. 16

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/9/2019 4:06 PM (16)WK4.DGN

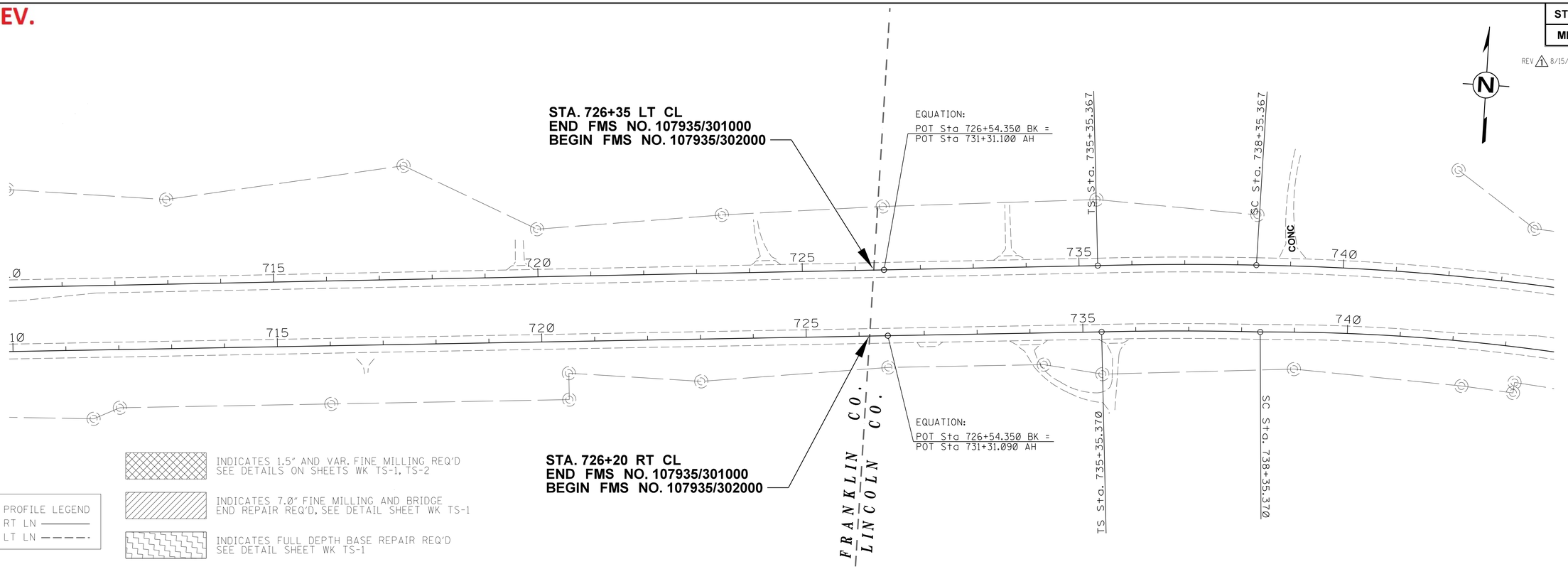
DESIGN TEAM: D7 | FILENAME: (16)WK4.dgn | COUNTY: FRANKLIN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

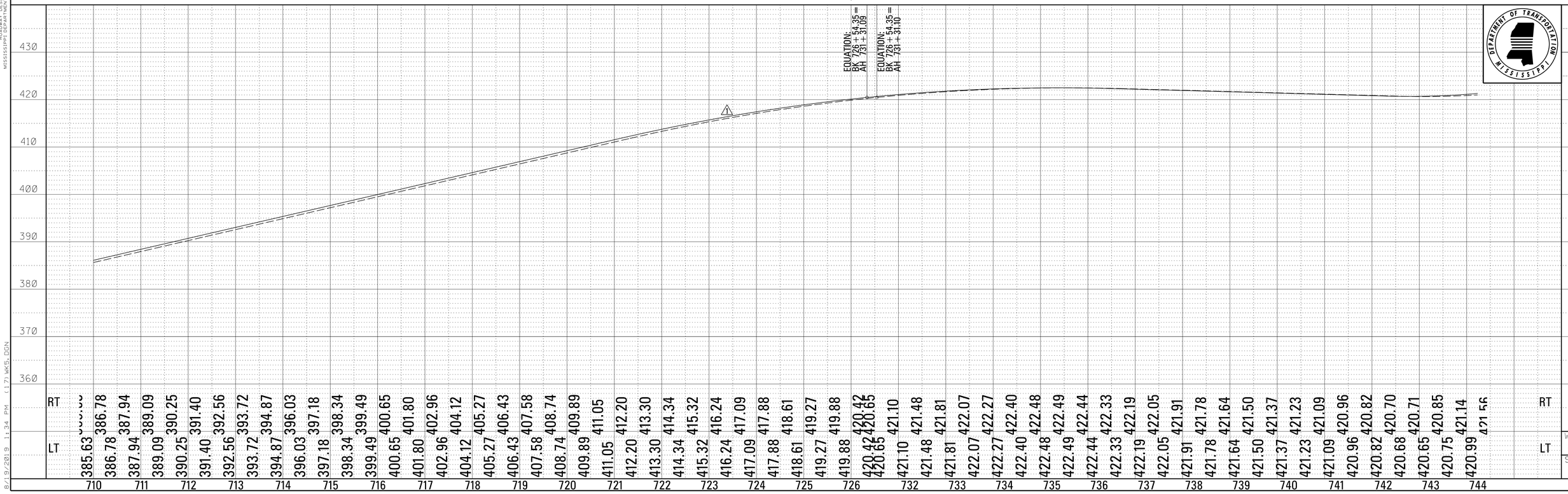
FMS CON: 107935/301000 FMS CON: 107935/302000

1st O.REV.

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

REV 1 8/15/19 CORR. TO RT PROFILE BY NW





PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

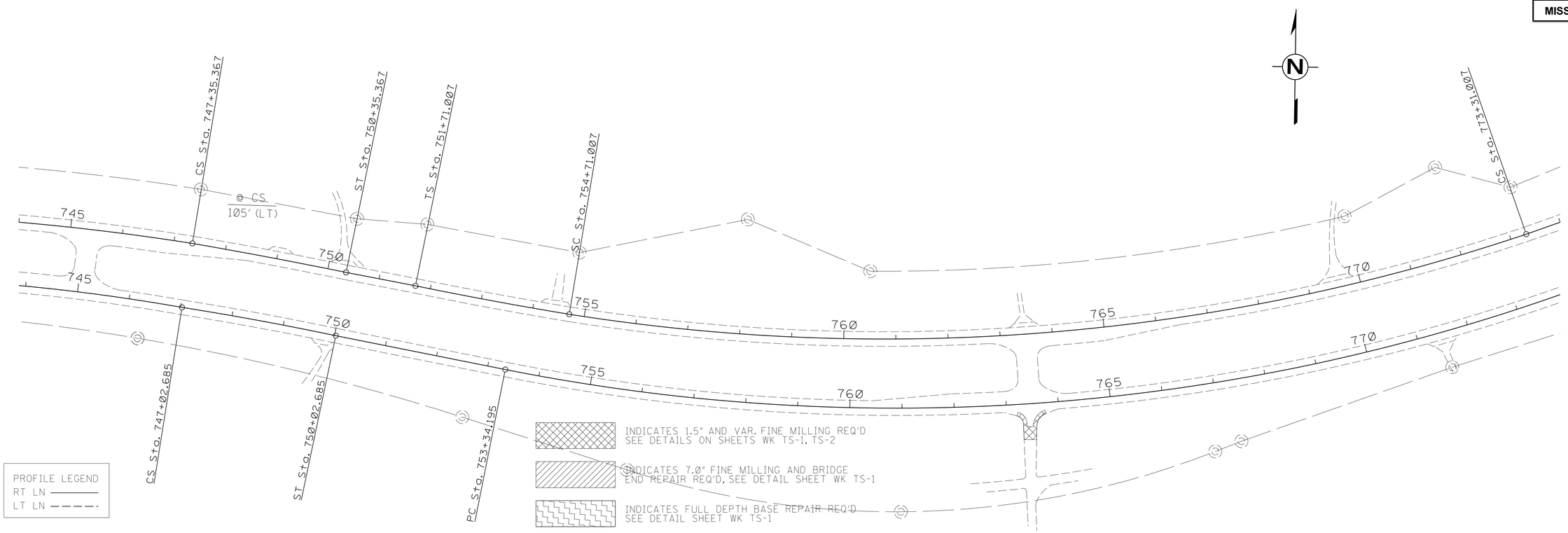
8/9/2019 1:34 PM (17)WK5.DGN

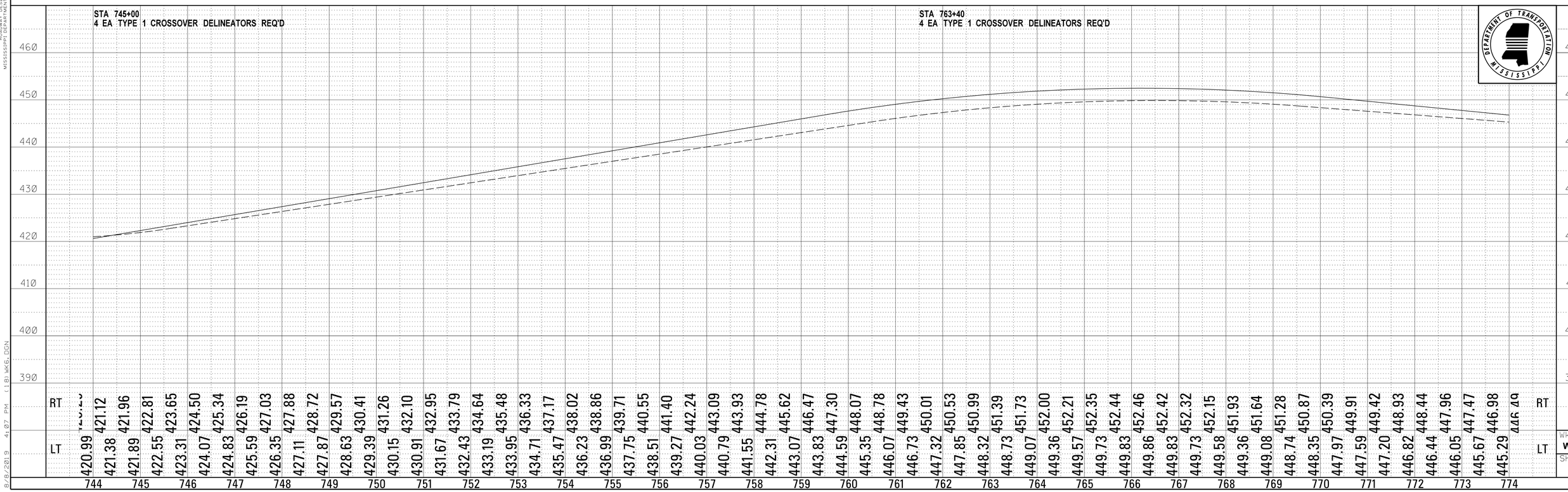
Wk. Sh. WK-5
Sh. No. 17

DESIGN TEAM: D7 FILENAME: (17)WK5.dgn COUNTY: FRANKLIN, LINCOLN PROJECT NO.: NH-0015-01(138) SHEET ID: US HWY 84

FMS CON: 107935 / 302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)





PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/9/2019 4:07 PM (18)WK6.DGN

DESIGN TEAM: D7 | FILENAME: (18)WK6.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

Wk. Sh. WK-6
Sh. No. 18

FMS CON: 107935 / 302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

INDICATES 1.5" AND VAR. FINE MILLING REQ'D
SEE DETAILS ON SHEETS WK TS-1, TS-2

INDICATES 7.0" FINE MILLING AND BRIDGE
END REPAIR REQ'D, SEE DETAIL SHEET WK TS-1

INDICATES FULL DEPTH BASE REPAIR REQ'D
SEE DETAIL SHEET WK TS-1

EQUATION:
ST Sta 776+31.007 BK =
ST Sta 777+14.850 AH

EQUATION:
PC Sta 784+08.617 BK =
PC Sta 784+30.100 AH

WAKEFIELD LN NW

PT Sta. 801+11.564

775 780 785 790 795 800 80

775 780 785 790 795 800 8

PT Sta. 774+94.195

EQUATION:
POT Sta 776+72.970 BK =
POT Sta 777+14.850 AH

EQUATION:
PC Sta 783+75.455 BK =
PC Sta 783+96.930 AH

GOODWILL LOOP SW

PT Sta. 795+97.165

EQUATION:
POT Sta 801+28.650 BK =
POT Sta 801+11.570 AH

PROFILE LEGEND
RT LN ——————
LT LN – – – – –

STA 787+90
4 EA TYPE 1 CROSSOVER DELINEATORS REQ'D

EQUATION:
BK 776+01.01 =
AH 777+14.85

EQUATION:
BK 784+08.62 =
AH 783+96.93

EQUATION:
BK 801+28.65 =
AH 801+11.57

460 450 440 430 420 410 400 390

	774	775	776	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805
RT		446.49	446.00	445.52	445.03	444.54	443.97	443.49	443.00	442.53	442.21	442.04	442.03	442.17	442.47	442.93	443.54	444.31	445.22	445.75	446.68	447.61	448.53	449.37	450.09	450.70	451.20	451.58	451.85	452.00	452.04	451.97	451.79	451.49	451.07	450.55	449.90	449.15	448.28	447.30	446.21	445.02	443.83	442.64	441.45	440.26	439.07	437.88	436.69	435.50	434.31	433.12	431.93	430.74	429.15	427.96	426.77	425.58	424.39	423.20	422.01		RT
LT		445.29	444.90	444.52	444.14	443.75	443.24	442.86	442.48	442.10	441.82	441.71	441.75	441.94	442.29	442.80	443.47	444.29	445.20	446.04	446.48	447.19	447.82	448.38	448.85	449.24	449.54	449.77	449.92	449.99	449.97	449.88	449.71	449.45	449.11	448.70	448.20	447.62	446.96	446.22	445.40	444.50	443.52	442.46	441.32	440.12	438.92	437.72	436.52	435.32	434.12	432.92	431.72	430.52	429.32	428.12	426.92	425.72	424.52	423.32	422.12	420.92		LT

DEPARTMENT OF TRANSPORTATION MISSISSIPPI

Wk. Sh. WK-7
Sh. No. 19

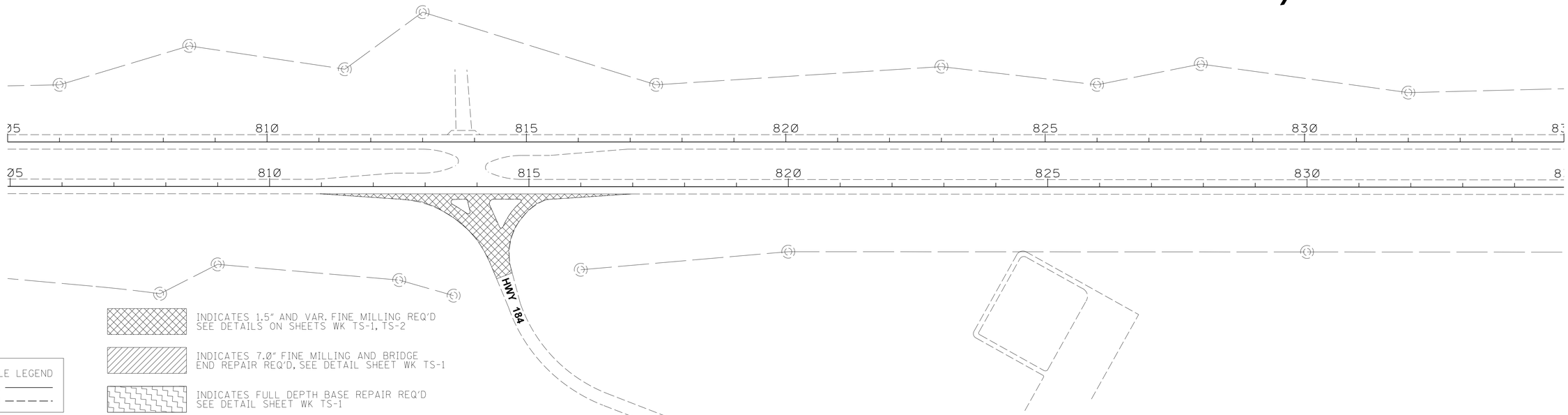
PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/9/2019 4:07 PM (19)WK7.DGN

DESIGN TEAM: D7 | FILENAME: (19)WK7.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

FMS CON: 107935 /302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



STA 814+00
2 EA TYPE II CROSSOVER DELINEATORS REQ'D

	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835
RT	422.01	420.82	419.63	418.44	417.25	416.10	415.08	414.20	413.46	412.85	412.39	412.07	411.88	411.83	411.93	412.16	412.53	413.04	413.68	414.36	415.04	415.72	416.40	417.08	417.76	418.44	419.12	419.80	420.48	421.16	421.84	422.52	423.20	423.88	424.56	425.24	425.92	426.60	427.28	427.96	428.64	429.32	430.00	430.68	431.36	432.04	432.72	433.40	434.08	434.76	435.44	436.12	436.80	437.48	438.10	438.66	439.16	439.60	439.97	440.28	440.53	440.72		RT
LT	420.92	419.72	418.52	417.32	416.16	415.14	414.25	413.51	412.90	412.43	412.10	411.91	411.86	411.95	412.17	412.54	413.04	413.68	414.36	415.04	415.72	416.40	417.08	417.76	418.44	419.12	419.80	420.48	421.16	421.84	422.52	423.20	423.88	424.56	425.24	425.92	426.60	427.28	427.96	428.64	429.32	430.00	430.68	431.36	432.04	432.72	433.40	434.08	434.76	435.44	436.12	436.80	437.48	438.10	438.66	439.16	439.60	439.97	440.28	440.53	440.72		LT

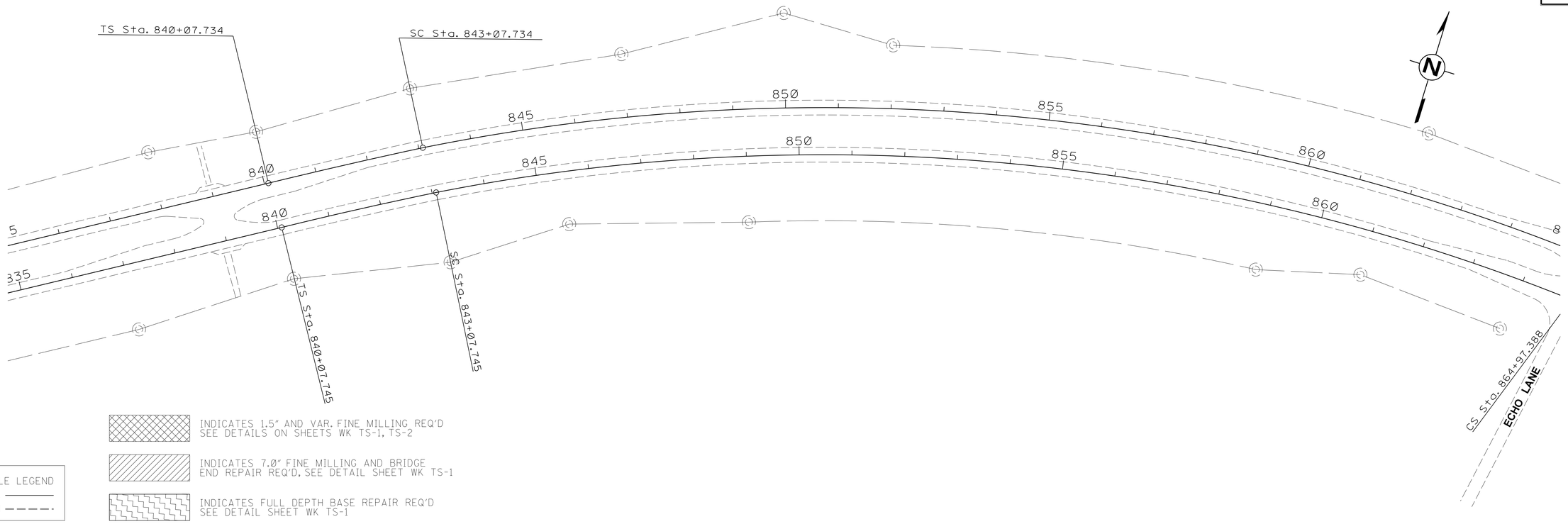
Wk. Sh. WK-8
Sh. No. 20

PLAN-PROFILE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
8/8/2019 4:07 PM C:\20 WK8.DGN

DESIGN TEAM: D7 | FILENAME: WK8.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

FMS CON: 107935/302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



PROFILE LEGEND
RT LN ——————
LT LN – – – – –

INDICATES 1.5" AND VAR. FINE MILLING REQ'D SEE DETAILS ON SHEETS WK TS-1, TS-2

INDICATES 7.0" FINE MILLING AND BRIDGE END REPAIR REQ'D, SEE DETAIL SHEET WK TS-1

INDICATES FULL DEPTH BASE REPAIR REQ'D SEE DETAIL SHEET WK TS-1

STA 839+00
2 EA TYPE II CROSSOVER DELINEATORS REQ'D

460 450 440 430 420 410 400 390

	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865
RT	440.53	440.72	440.84	440.90	440.90	440.84	440.71	440.52	440.27	439.96	439.58	439.14	438.64	438.08	437.46	436.84	436.22	435.60	434.98	434.36	433.74	433.12	432.50	431.89	431.27	430.65	430.03	429.41	428.79	428.17	427.55	426.93	426.31	425.69	425.07	424.45	423.83	423.21	422.59	421.97	421.35	420.73	420.16	419.73	419.43	419.28	419.17	419.06	418.95	418.85	418.74	418.63	418.52	418.42	418.31	418.20	418.09	417.99	417.88	417.77	417.67	417.62	417.56	417.51	RT
LT	440.72	440.84	440.90	440.90	440.84	440.71	440.52	440.27	439.96	439.58	439.14	438.64	438.08	437.46	436.84	436.22	435.60	434.98	434.36	433.74	433.12	432.50	431.89	431.27	430.65	430.03	429.41	428.79	428.17	427.55	426.93	426.31	425.69	425.07	424.45	423.83	423.21	422.59	421.97	421.35	420.73	420.16	419.73	419.43	419.28	419.17	419.06	418.95	418.85	418.74	418.63	418.52	418.42	418.31	418.20	418.09	417.99	417.88	417.77	417.67	417.62	417.56	417.51	LT

Wk. Sh. WK-9
Sh. No. 21

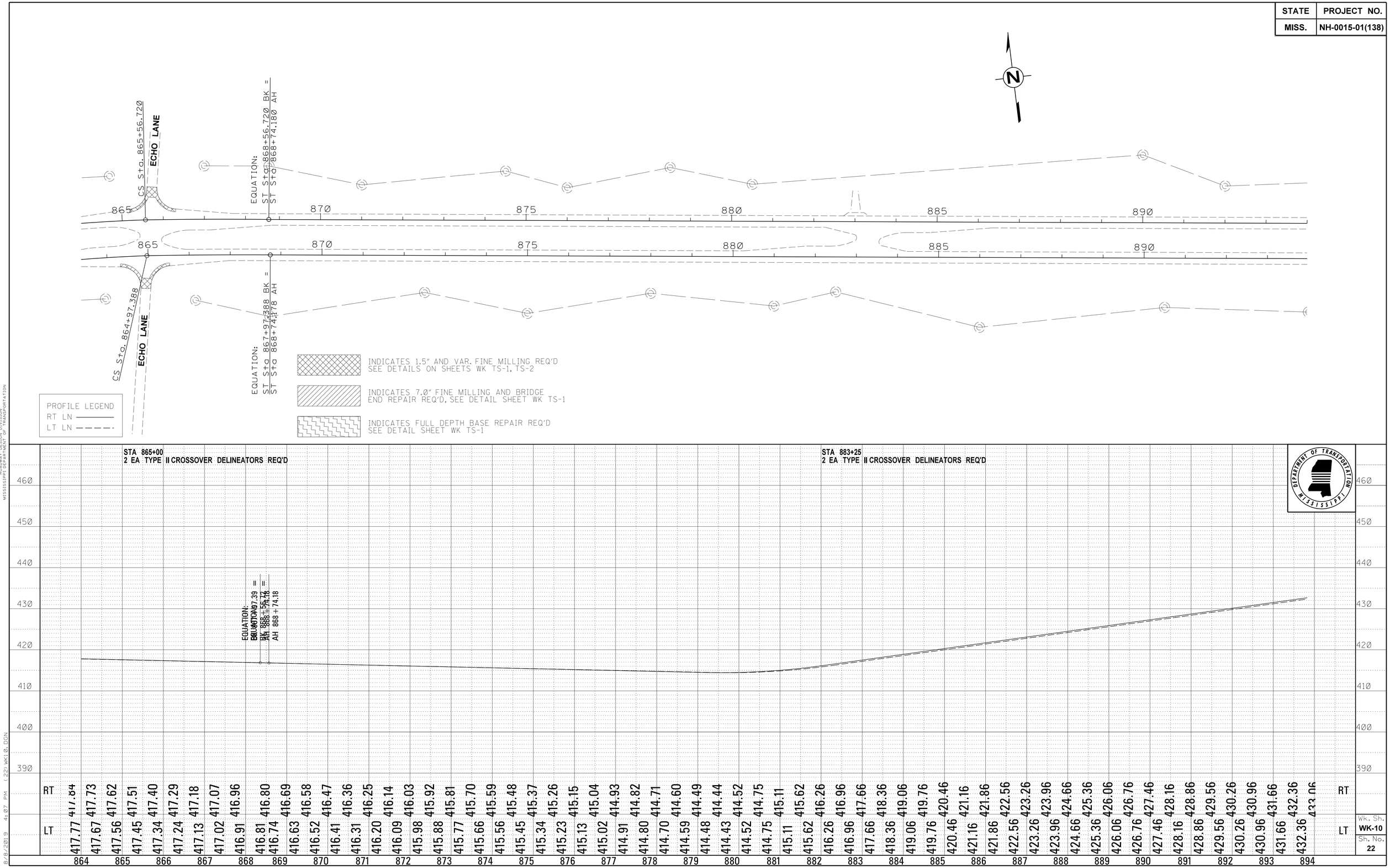
PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/9/2019 4:07 PM I:\21 WK9.DGN

DESIGN TEAM: D7 | FILENAME: WK9.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

FMS CON: 107935 / 302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



Wk. Sh. WK-10

Sh. No. 22

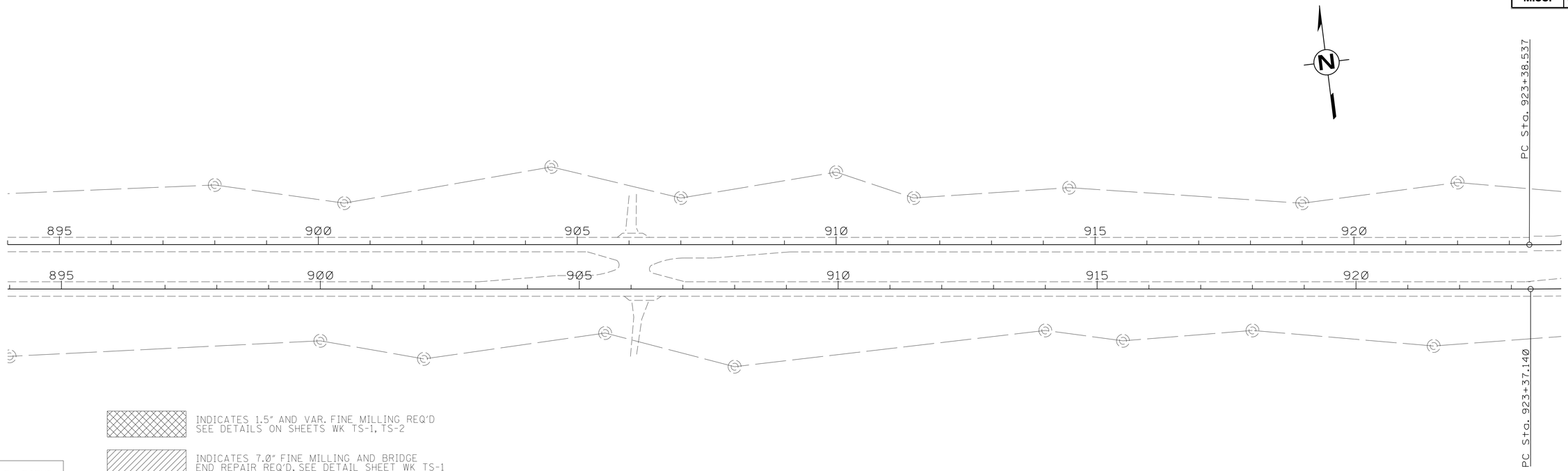
DESIGN TEAM: D7 FILENAME: WK10.dgn COUNTY: LINCOLN PROJECT NO.: NH-0015-01(138) SHEET ID: US HWY 84

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

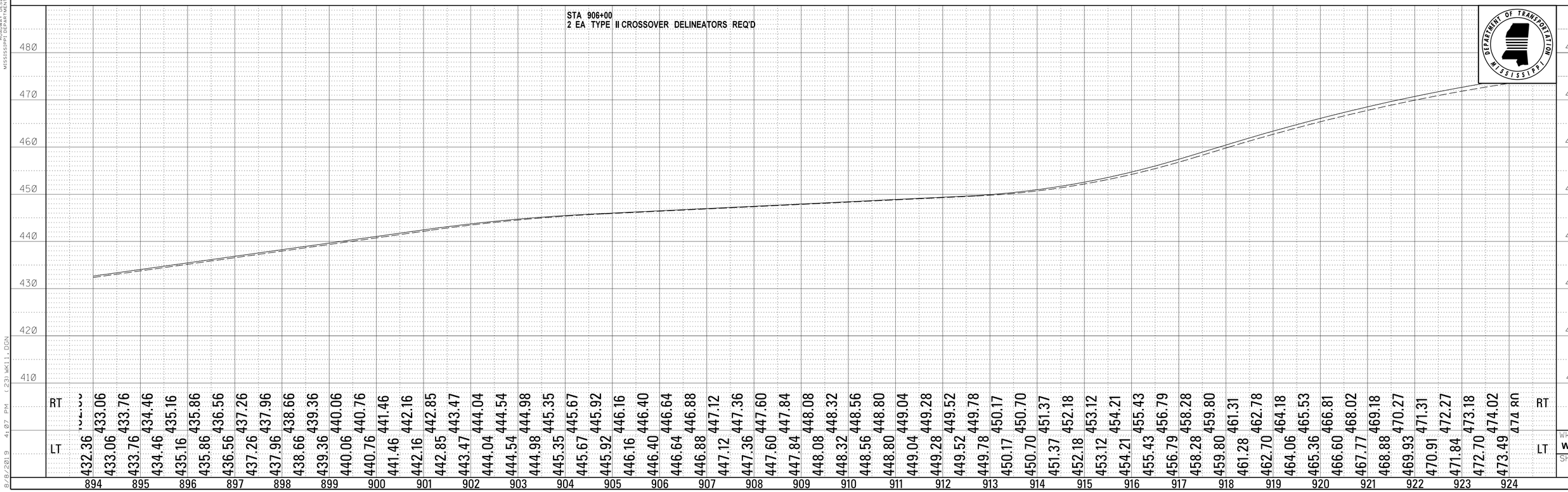
8/8/2019 4:07 PM (22) WK10.DGN

FMS CON: 107935 /302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



STA 906+00
2 EA TYPE II CROSSOVER DELINEATORS REQ'D



PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

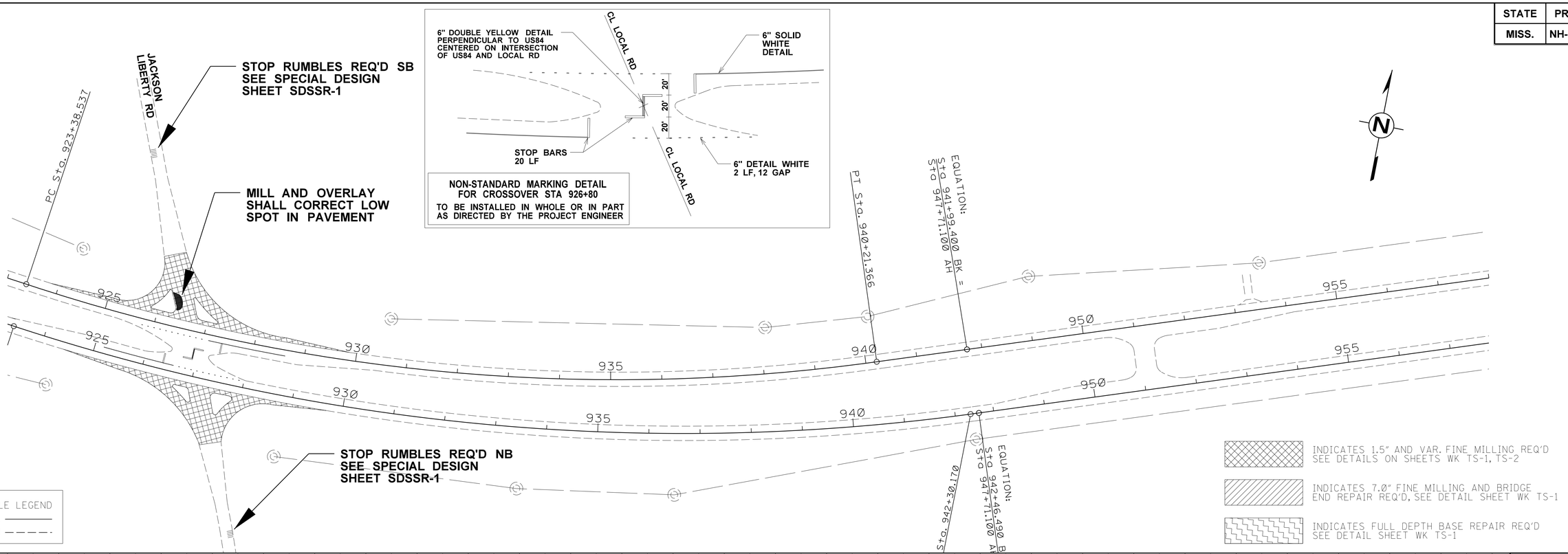
8/9/2019 4:07 PM (23) WK11.DGN

Wk. Sh. WK-11
Sh. No. 23

DESIGN TEAM: D7 | FILENAME: WK11.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

FMS CON: 107935 / 302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



STA 926+80
2 EA TYPE II CROSSOVER DELINEATORS REQ'D

STA 951+10
4 EA TYPE I CROSSOVER DELINEATORS REQ'D

EQUATION:
Sta 941+99.40 =
AK 942+16.49 =
AH 947+71.10

	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	948	949	950	951	952	953	954	955	956	957	958
RT	473.18	474.02	475.52	476.77	477.30	477.77	478.18	478.52	478.80	479.02	479.18	479.27	479.30	479.27	479.18	479.02	478.80	478.52	478.18	477.77	477.30	476.79	476.28	475.76	475.25	474.74	474.22	473.71	473.20	472.68	472.17	471.66	471.15	470.63	470.12	469.61	468.83	468.32	467.81	467.29	466.78	466.27	465.75	465.24	464.73	464.22	463.78	463.48	463.32	463.30	463.42	463.67	464.07	464.60	465.28	466.09	466.98
LT	471.84	472.70	473.49	474.23	474.90	475.51	476.06	476.54	476.97	477.33	477.62	477.86	478.03	478.14	478.19	478.17	478.10	477.96	477.75	477.49	477.16	476.77	476.32	475.84	475.36	474.88	474.40	473.92	473.44	472.96	472.48	472.00	471.52	471.04	470.56	470.08	469.60	469.12	468.37	467.89	467.41	466.93	466.45	465.97	465.49	465.01	464.53	464.05	463.63	463.35	463.20	463.20	463.33	463.61	464.02	464.57	465.26	466.09	466.98

DESIGN TEAM: D7 | FILENAME: WK12.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

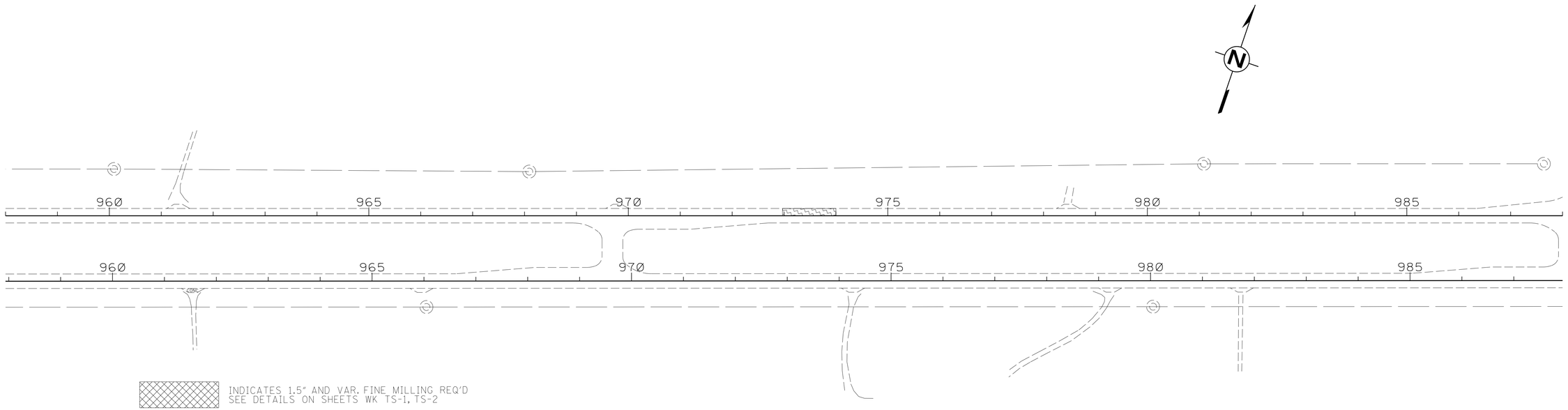
Wk. Sh. WK-12
Sh. No. 24

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/3/2019 4:08 PM I:241 WK12.DGN

FMS CON: 107935 /302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



INDICATES 1.5" AND VAR. FINE MILLING REQ'D
SEE DETAILS ON SHEETS WK TS-1, TS-2

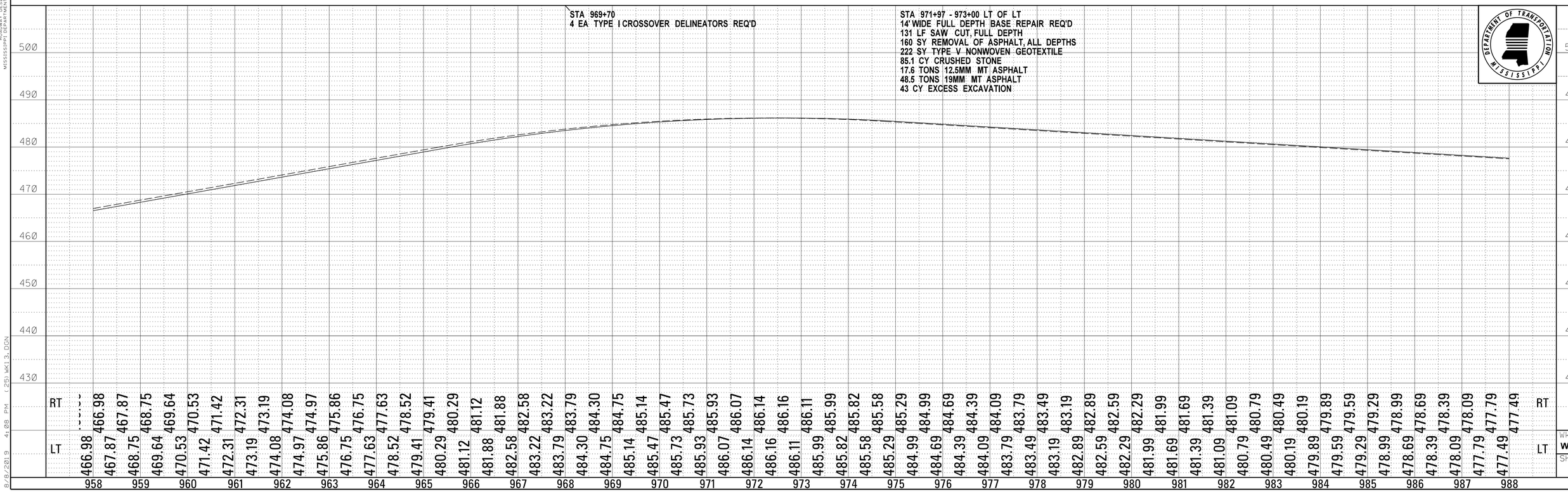
INDICATES 7.0" FINE MILLING AND BRIDGE END REPAIR REQ'D, SEE DETAIL SHEET WK TS-1

INDICATES FULL DEPTH BASE REPAIR REQ'D
SEE DETAIL SHEET WK TS-1

PROFILE LEGEND
RT LN ———
LT LN – – – –

STA 969+70
4 EA TYPE I CROSSOVER DELINEATORS REQ'D

STA 971+97 - 973+00 LT OF LT
14' WIDE FULL DEPTH BASE REPAIR REQ'D
131 LF SAW CUT, FULL DEPTH
160 SY REMOVAL OF ASPHALT, ALL DEPTHS
222 SY TYPE V NONWOVEN GEOTEXTILE
85.1 CY CRUSHED STONE
17.6 TONS 12.5MM MT ASPHALT
48.5 TONS 19MM MT ASPHALT
43 CY EXCESS EXCAVATION



PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/9/2019 4:08 PM (25) WK13.DGN

Wk. Sh. WK-13
Sh. No. 25

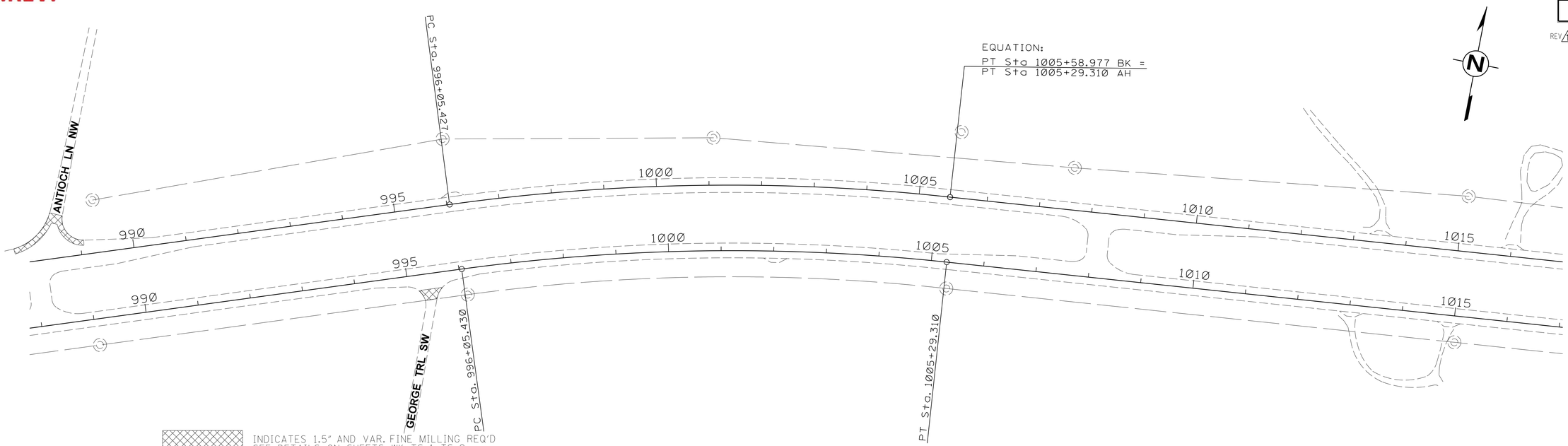
DESIGN TEAM: D7 | FILENAME: WK13.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

FMS CON: 107935 /302000

1st O.REV.

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

REV 1 8/15/19 CORR TO PROJ NO BY NW



INDICATES 1.5" AND VAR. FINE MILLING REQ'D SEE DETAILS ON SHEETS WK TS-1, TS-2

INDICATES 7.0" FINE MILLING AND BRIDGE END REPAIR REQ'D, SEE DETAIL SHEET WK TS-1

INDICATES FULL DEPTH BASE REPAIR REQ'D SEE DETAIL SHEET WK TS-1

PROFILE LEGEND
RT LN ——————
LT LN — — — —

STA 988+00
4 EA TYPE I CROSSOVER DELINEATORS REQ'D

STA 1008+20
4 EA TYPE I CROSSOVER DELINEATORS REQ'D

EQUATION:
BK 1005+58.98 =
AH 1005+29.31

	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017
RT	477.49	477.19	476.89	476.59	476.29	475.99	475.69	475.39	475.09	474.79	474.49	474.19	473.89	473.59	473.29	472.99	472.69	472.39	472.09	471.79	471.49	471.19	470.89	470.59	470.29	469.99	469.69	469.39	469.09	468.79	468.49	468.19	467.93	467.80	467.81	467.83	467.96	468.11	468.48	468.94	469.40	469.86	470.32	470.78	471.24	471.70	472.16	472.62	473.08	473.54	474.00	474.46	474.92	475.36	475.74	476.06	476.32	476.51	476.64	476.71	476.72
LT	477.49	477.19	476.89	476.59	476.29	475.99	475.69	475.39	475.09	474.79	474.49	474.19	473.89	473.59	473.29	472.99	472.69	472.39	472.09	471.79	471.49	471.19	470.89	470.59	470.29	469.99	469.69	469.39	469.09	468.79	468.49	468.19	467.93	467.80	467.81	467.83	467.96	468.11	468.48	468.94	469.40	469.86	470.32	470.78	471.24	471.70	472.16	472.62	473.08	473.54	474.00	474.46	474.92	475.36	475.74	476.06	476.32	476.51	476.64	476.71	476.72

Wk. Sh. WK-14
Sh. No. 26

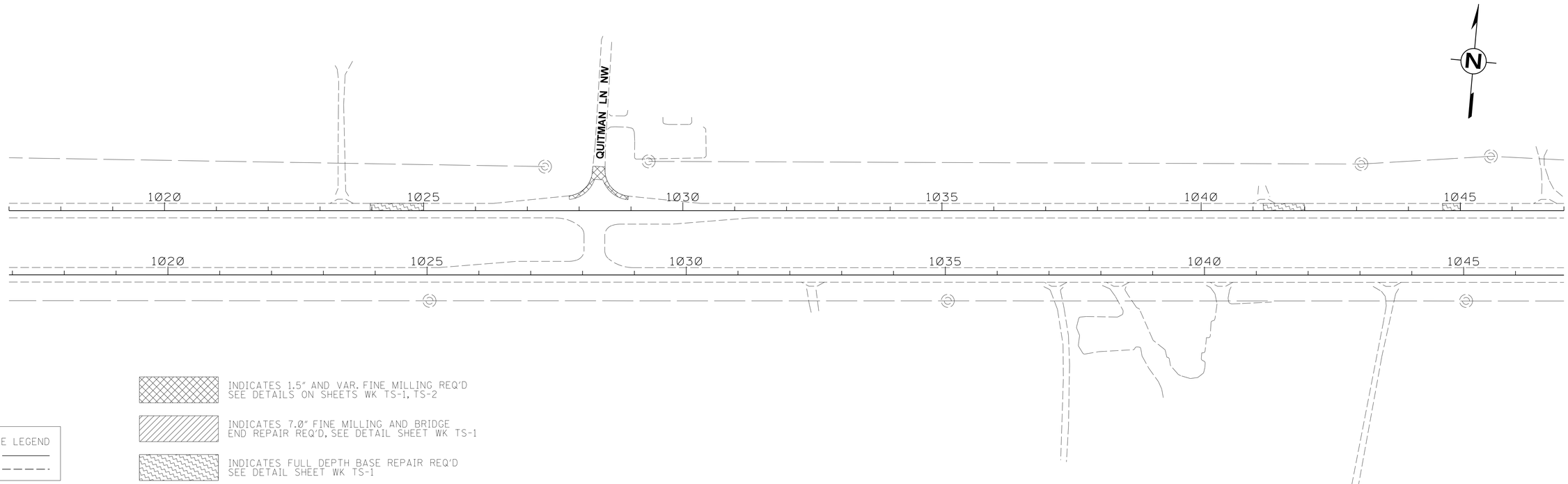
DESIGN TEAM: D7 | FILENAME: WK14.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/9/2019 1:36 PM (26) WK14.DGN

FMS CON: 107935 /302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



PROFILE LEGEND
RT LN ———
LT LN – – – –

INDICATES 1.5" AND VAR. FINE MILLING REQ'D
SEE DETAILS ON SHEETS WK TS-1, TS-2

INDICATES 7.0" FINE MILLING AND BRIDGE
END REPAIR REQ'D, SEE DETAIL SHEET WK TS-1

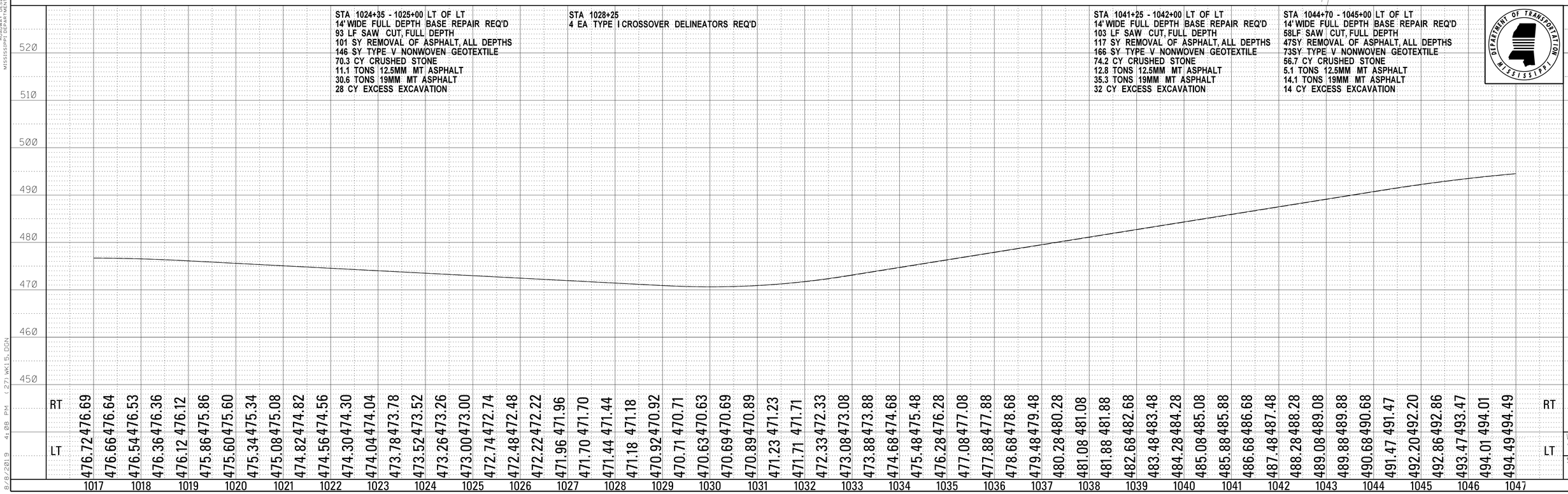
INDICATES FULL DEPTH BASE REPAIR REQ'D
SEE DETAIL SHEET WK TS-1

STA 1024+35 - 1025+00 LT OF LT
14' WIDE FULL DEPTH BASE REPAIR REQ'D
93 LF SAW CUT, FULL DEPTH
101 SY REMOVAL OF ASPHALT, ALL DEPTHS
146 SY TYPE V NONWOVEN GEOTEXTILE
70.3 CY CRUSHED STONE
11.1 TONS 12.5MM MT ASPHALT
30.6 TONS 19MM MT ASPHALT
28 CY EXCESS EXCAVATION

STA 1028+25
4 EA TYPE I CROSSOVER DELINEATORS REQ'D

STA 1041+25 - 1042+00 LT OF LT
14' WIDE FULL DEPTH BASE REPAIR REQ'D
103 LF SAW CUT, FULL DEPTH
117 SY REMOVAL OF ASPHALT, ALL DEPTHS
166 SY TYPE V NONWOVEN GEOTEXTILE
74.2 CY CRUSHED STONE
12.8 TONS 12.5MM MT ASPHALT
35.3 TONS 19MM MT ASPHALT
32 CY EXCESS EXCAVATION

STA 1044+70 - 1045+00 LT OF LT
14' WIDE FULL DEPTH BASE REPAIR REQ'D
58LF SAW CUT, FULL DEPTH
47SY REMOVAL OF ASPHALT, ALL DEPTHS
73SY TYPE V NONWOVEN GEOTEXTILE
56.7 CY CRUSHED STONE
5.1 TONS 12.5MM MT ASPHALT
14.1 TONS 19MM MT ASPHALT
14 CY EXCESS EXCAVATION



Wk. Sh. WK-15
Sh. No. 27

DESIGN TEAM: D7 | FILENAME: WK15.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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FMS CON: 107935 / 302000

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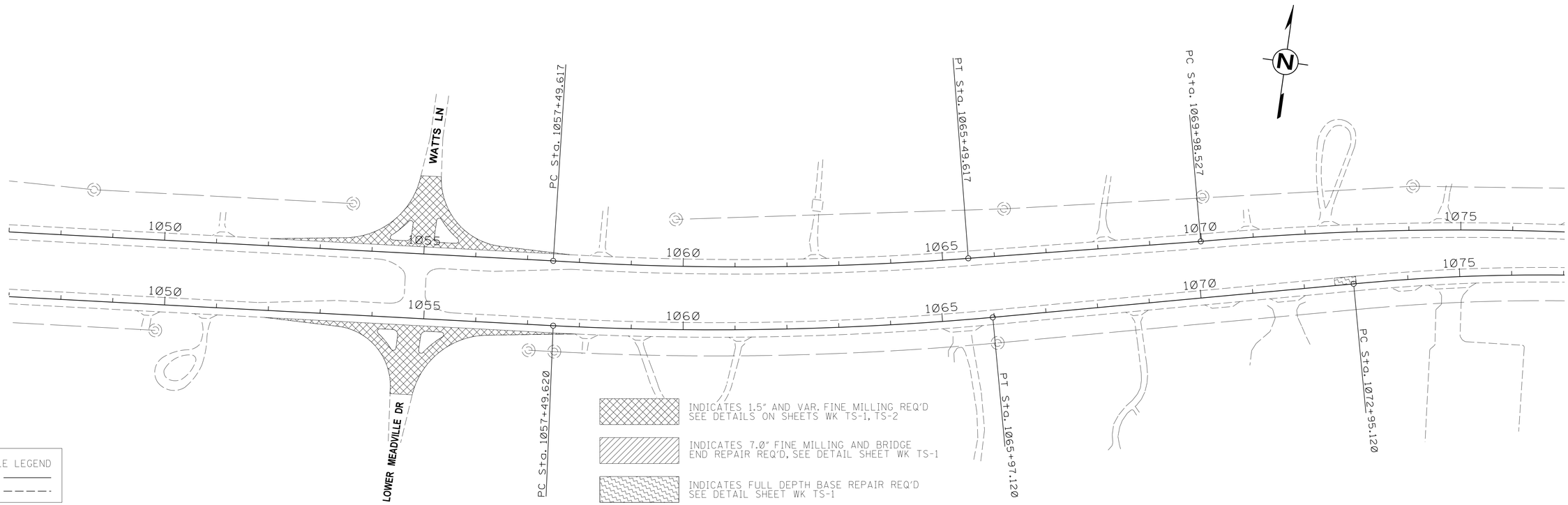

PROFILE LEGEND
RT LN ———
LT LN – – – –

STA 1054+90
4 EA TYPE I CROSSOVER DELINEATORS REQ'D

STA 1072+68 - 1073+00 LT OF RT
14' WIDE FULL DEPTH BASE REPAIR REQ'D
60 LF SAW CUT, FULL DEPTH
50 SY REMOVAL OF ASPHALT, ALL DEPTHS
80 SY TYPE V NONWOVEN GEOTEXTILE
57.4 CY CRUSHED STONE
5.5 TONS 12.5MM MT ASPHALT
15.1 TONS 19MM MT ASPHALT
14 CY EXCESS EXCAVATION

	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077
RT	494.49	494.91	495.26	495.55	495.78	495.95	496.05	496.10	496.08	495.99	495.85	495.70	495.54	495.39	495.24	495.08	494.93	494.78	494.62	494.47	494.32	494.16	494.01	493.86	493.70	493.55	493.40	493.24	493.09	492.93	492.78
LT	494.49	494.91	495.26	495.55	495.78	495.95	496.05	496.10	496.08	495.99	495.85	495.70	495.54	495.39	495.24	495.08	494.93	494.78	494.62	494.47	494.32	494.16	494.01	493.86	493.70	493.55	493.40	493.24	493.09	492.93	492.78

	492.63	492.47	492.32	492.17	492.01	491.86	491.71	491.55	491.40	491.25	491.09	490.94	490.79	490.63	490.48	490.33	490.17	490.02	489.86	489.71	489.56	489.40	489.25	489.10	488.94	488.79	488.64	488.48	488.33	488.18
RT	492.63	492.47	492.32	492.17	492.01	491.86	491.71	491.55	491.40	491.25	491.09	490.94	490.79	490.63	490.48	490.33	490.17	490.02	489.86	489.71	489.56	489.40	489.25	489.10	488.94	488.79	488.64	488.48	488.33	488.18
LT	492.63	492.47	492.32	492.17	492.01	491.86	491.71	491.55	491.40	491.25	491.09	490.94	490.79	490.63	490.48	490.33	490.17	490.02	489.86	489.71	489.56	489.40	489.25	489.10	488.94	488.79	488.64	488.48	488.33	488.18

Wk. Sh. WK-16
Sh. No. 28

DESIGN TEAM: D7 | FILENAME: WK16.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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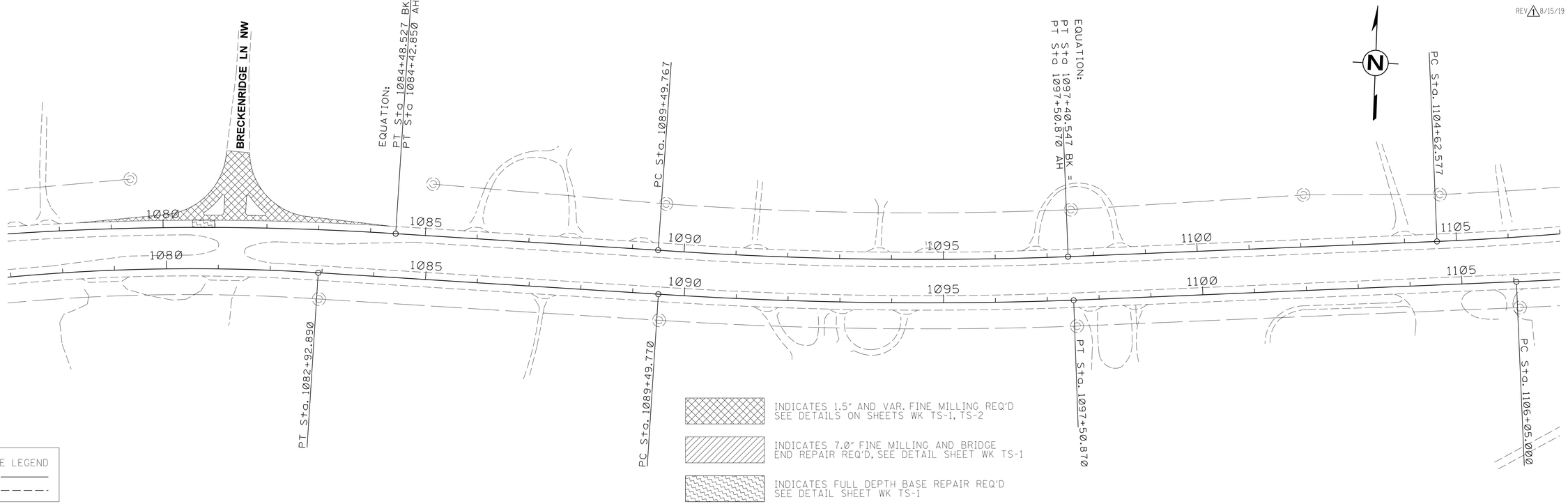
FMS CON: 107935 / 302000

1st O.REV.

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

REV 1 8/15/19 CORR TO SH.NO. BY NW



PROFILE LEGEND
RT LN ——————
LT LN – – – – –

STA 1080+68 - 1081+00 LT OF LT
14' WIDE FULL DEPTH BASE REPAIR REQ'D
60 LF SAW CUT, FULL DEPTH
50 SY REMOVAL OF ASPHALT, ALL DEPTHS
80 SY TYPE V NONWOVEN GEOTEXTILE
57.4 CY CRUSHED STONE
5.5 TONS 12.5MM MT ASPHALT
15.1 TONS 19MM MT ASPHALT
14 CY EXCESS EXCAVATION

STA 1051+20
2 EA TYPE II CROSSOVER DELINEATORS REQ'D

EQUATION:
BK 1084 + 48.53 =
AH 1084 + 42.85

EQUATION:
BK 1097 + 40.55 =
AH 1097 + 50.87

	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107
RT	488.18	488.02	487.87	487.72	487.56	487.41	487.25	487.10	486.95	486.79	486.64	486.49	486.39	486.43	486.62	486.98	487.35	487.73	488.11	488.48	488.86	489.24	489.61	489.99	490.37	490.74	491.12	491.50	491.88	492.25	492.63
LT	488.18	488.02	487.87	487.72	487.56	487.41	487.25	487.10	486.95	486.79	486.64	486.49	486.39	486.43	486.62	486.98	487.32	487.69	488.07	488.45	488.83	489.21	489.59	489.96	490.34	490.72	491.10	491.48	491.86	492.24	492.61

	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107
RT	492.99	493.37	493.75	494.13	494.50	494.83	495.10	495.30	495.44	495.52	495.54	495.50	495.40	495.25	495.09	494.93	494.77	494.61	494.45	494.29	494.13	493.97	493.81	493.65	493.49	493.33	493.17	493.01	492.85	492.75	RT
LT	492.99	493.38	493.76	494.14	494.51	494.84	495.10	495.30	495.44	495.52	495.54	495.49	495.38	495.23	495.07	494.91	494.75	494.59	494.43	494.28	494.12	493.96	493.80	493.64	493.48	493.32	493.17	493.01	492.85	492.75	LT

Wk. Sh. WK-17
Sh. No. 29

DESIGN TEAM: D7 | FILENAME: WK17.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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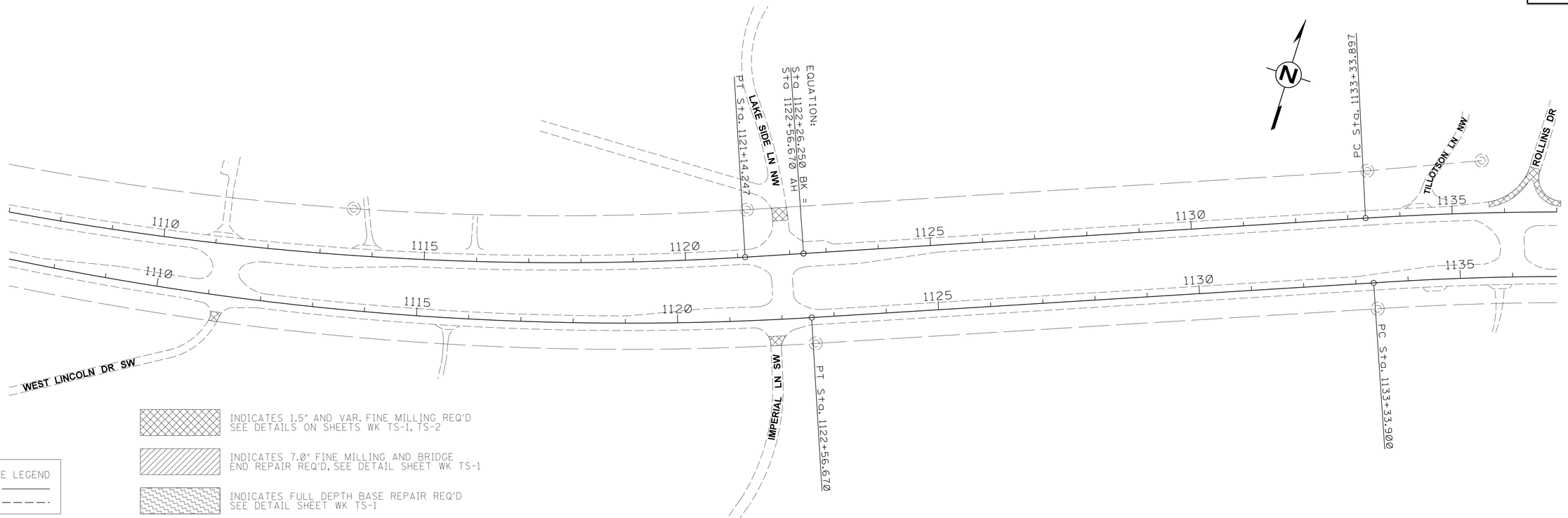
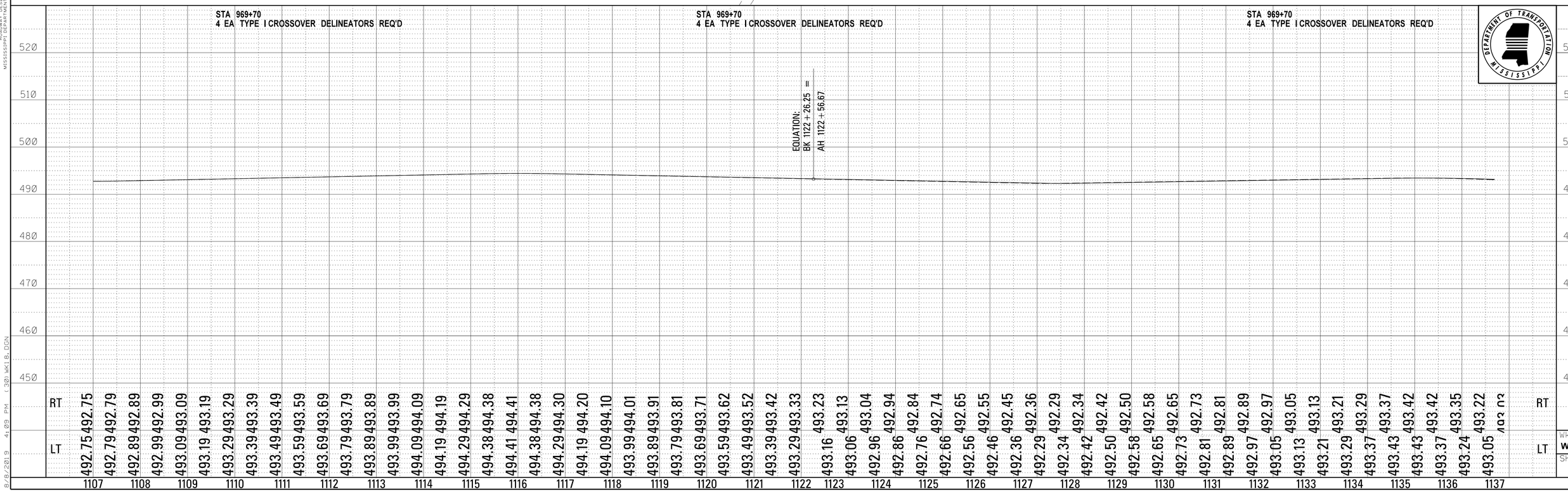
FMS CON: 107935 /302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)





Wk. Sh. WK-18
Sh. No. 30

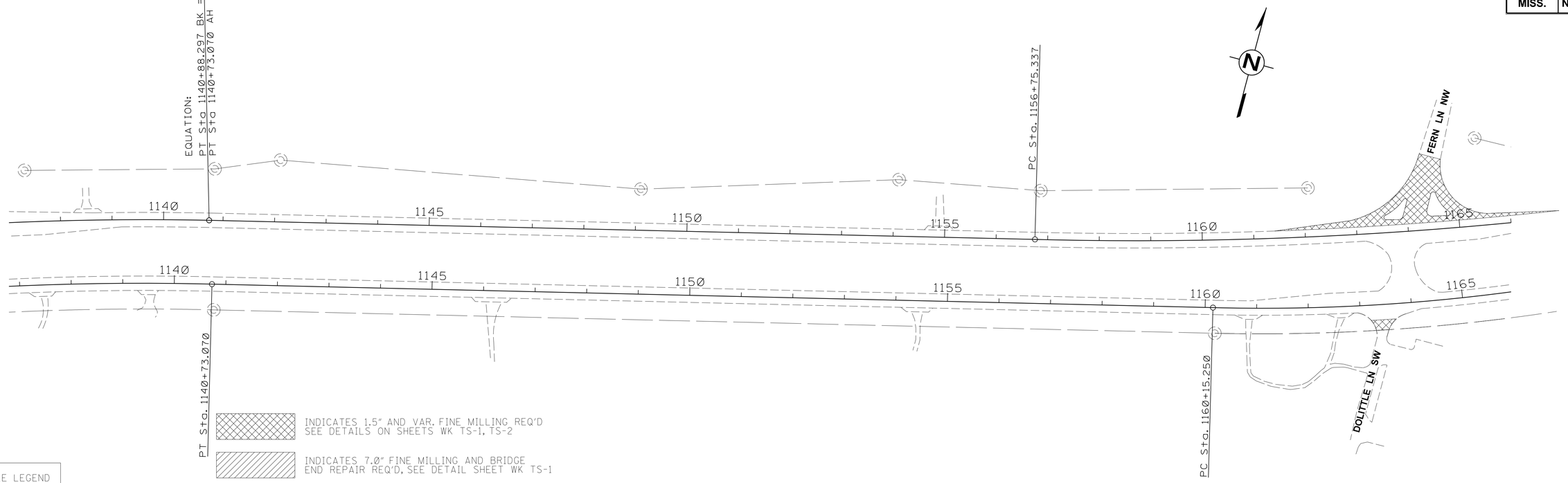
8/9/2019 4:09 PM t:\30 WK18.DGN

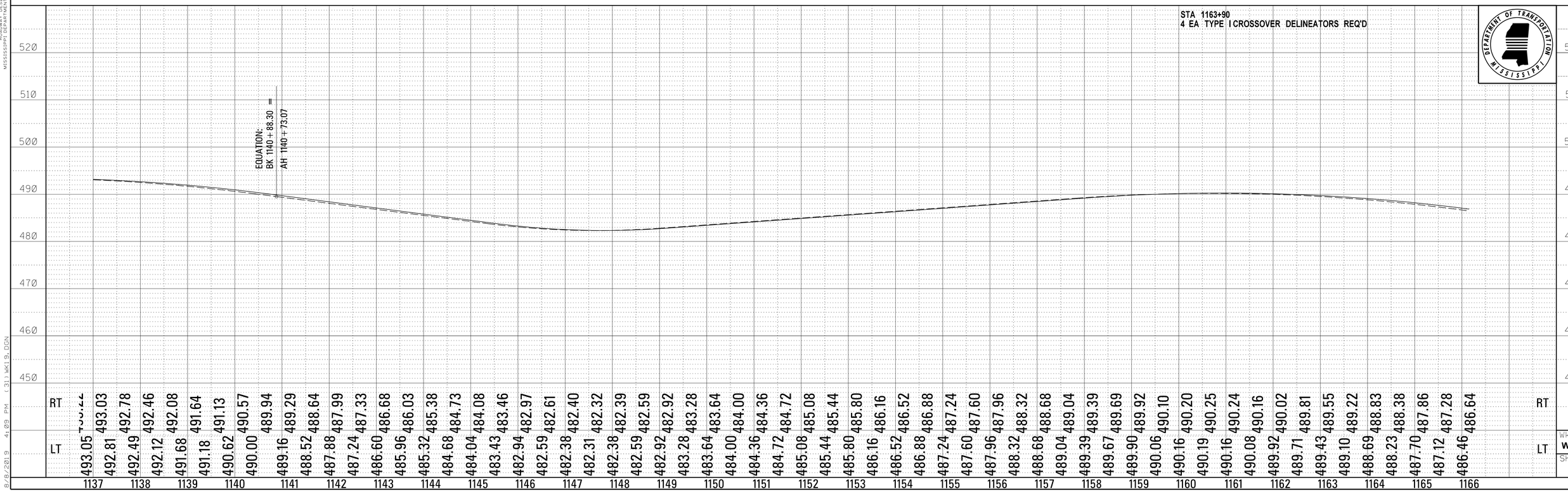
PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGN TEAM: D7 | FILENAME: WK18.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

FMS CON: 107935 / 302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)





PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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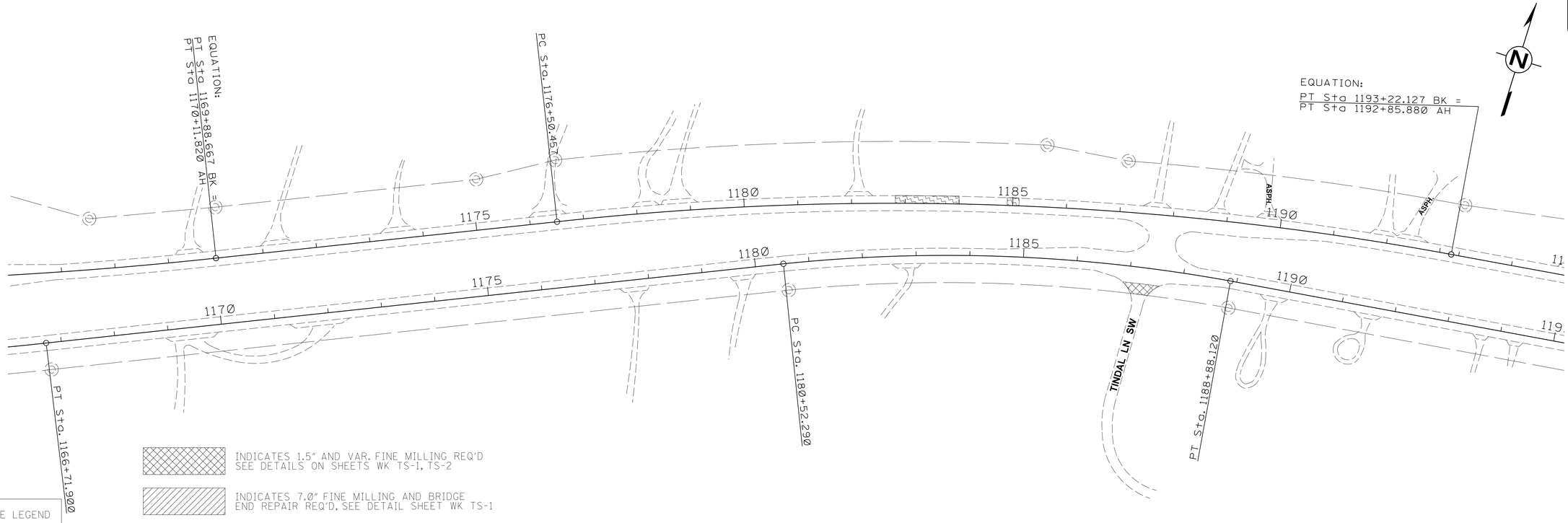
DEPARTMENT OF TRANSPORTATION MISSISSIPPI

Wk. Sh. WK-19
Sh. No. 31

DESIGN TEAM: D7 | FILENAME: WK19.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

FMS CON: 107935 /302000

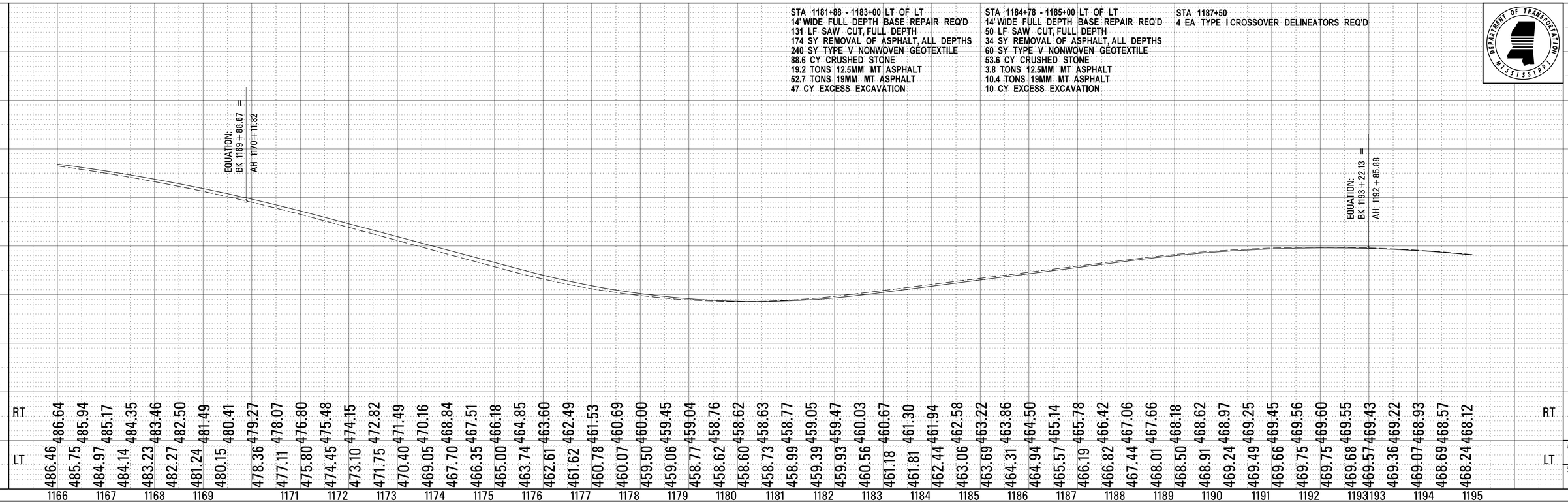
STATE	PROJECT NO.
MISS.	NH-0015-01(138)



STA 1181+88 - 1183+00 LT OF LT
14' WIDE FULL DEPTH BASE REPAIR REQ'D
131 LF SAW CUT, FULL DEPTH
174 SY REMOVAL OF ASPHALT, ALL DEPTHS
240 SY TYPE V NONWOVEN GEOTEXTILE
88.6 CY CRUSHED STONE
19.2 TONS 12.5MM MT ASPHALT
52.7 TONS 19MM MT ASPHALT
47 CY EXCESS EXCAVATION

STA 1184+78 - 1185+00 LT OF LT
14' WIDE FULL DEPTH BASE REPAIR REQ'D
50 LF SAW CUT, FULL DEPTH
34 SY REMOVAL OF ASPHALT, ALL DEPTHS
60 SY TYPE V NONWOVEN GEOTEXTILE
53.6 CY CRUSHED STONE
3.8 TONS 12.5MM MT ASPHALT
10.4 TONS 19MM MT ASPHALT
10 CY EXCESS EXCAVATION

STA 1187+50
4 EA TYPE I CROSSOVER DELINEATORS REQ'D



	1166	1167	1168	1169	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1193	1194	1195
RT	486.64	485.94	485.17	484.35	483.46	482.50	481.49	480.41	479.27	478.07	476.80	475.48	474.15	472.82	471.49	470.16	468.84	467.51	466.18	464.85	463.60	462.49	461.53	460.69	460.00	459.45	459.04	458.76	458.62	458.62	458.60	458.63	458.77	459.05	459.47	460.03	460.67	461.30	461.81	461.94	462.58	463.22	463.86	464.50	465.14	465.78	466.42	467.06	467.66	468.18	468.62	468.97	469.25	469.45	469.56	469.60	469.55	469.43	469.22	468.93	468.57	468.12
LT	486.46	485.75	484.97	484.14	483.23	482.27	481.24	480.15	478.36	477.11	475.80	474.45	473.10	471.75	470.40	469.05	467.70	466.35	465.00	463.74	462.61	461.62	460.78	460.07	459.50	459.06	458.77	458.62	458.62	458.73	458.99	459.39	459.93	460.56	461.18	461.81	462.44	463.06	463.69	464.31	464.94	465.57	466.19	466.82	467.44	468.01	468.50	468.91	469.24	469.49	469.66	469.75	469.75	469.68	469.57	469.36	469.07	468.69	468.24

DESIGN TEAM: D7 | FILENAME: WK20.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

Wk. Sh. WK-20
Sh. No. 32

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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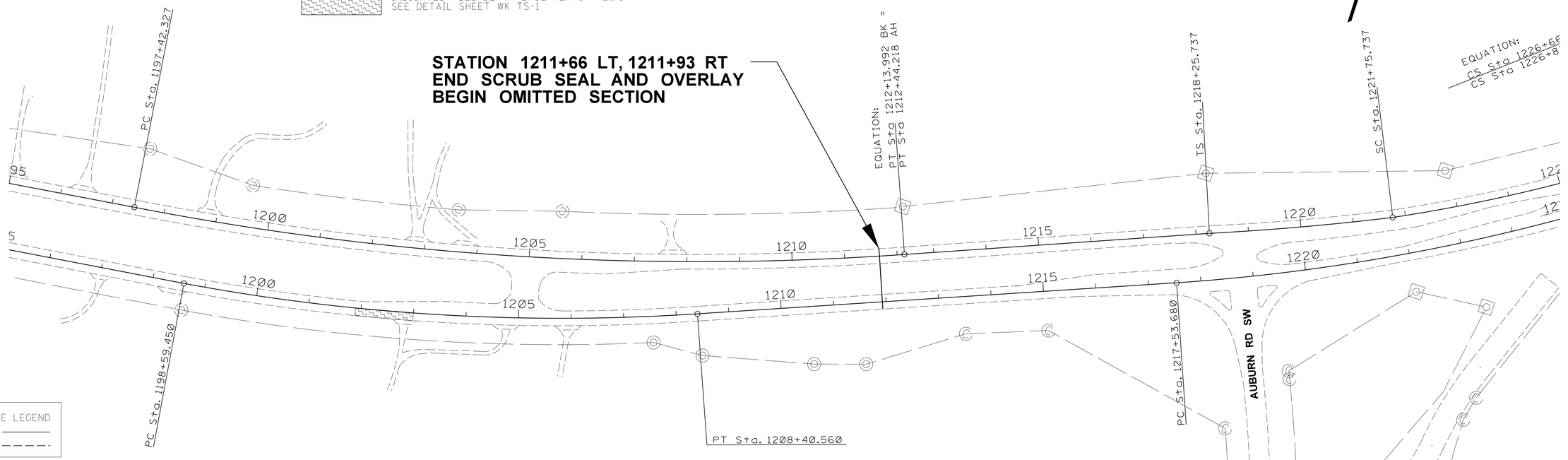
INDICATES 1.5" AND VAR. FINE MILLING REQ'D
SEE DETAILS ON SHEETS WK TS-1, TS-2

INDICATES 7.0" FINE MILLING AND BRIDGE
END REPAIR REQ'D, SEE DETAIL SHEET WK TS-1

INDICATES FULL DEPTH BASE REPAIR REQ'D
SEE DETAIL SHEET WK TS-1

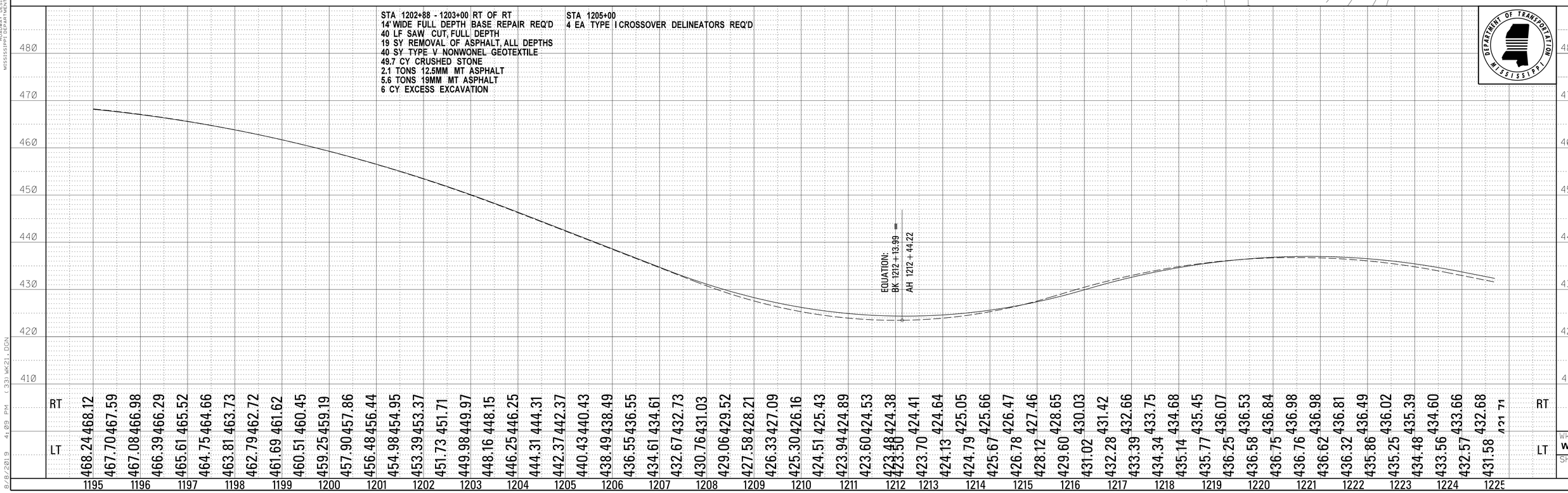
STATION 1211+66 LT, 1211+93 RT
END SCRUB SEAL AND OVERLAY
BEGIN OMITTED SECTION



PROFILE LEGEND
RT LN ———
LT LN – – – –

STA 1202+88 - 1203+00 RT OF RT
14' WIDE FULL DEPTH BASE REPAIR REQ'D
40 LF SAW CUT, FULL DEPTH
19 SY REMOVAL OF ASPHALT, ALL DEPTHS
40 SY TYPE V NONWONEL GEOTEXTILE
49.7 CY CRUSHED STONE
2.1 TONS 12.5MM MT ASPHALT
5.6 TONS 19MM MT ASPHALT
6 CY EXCESS EXCAVATION

STA 1205+00
4 EA TYPE I CROSSOVER DELINEATORS REQ'D



Wk. Sh. WK-21
Sh. No. 33

DESIGN TEAM: D7 | FILENAME: WK21.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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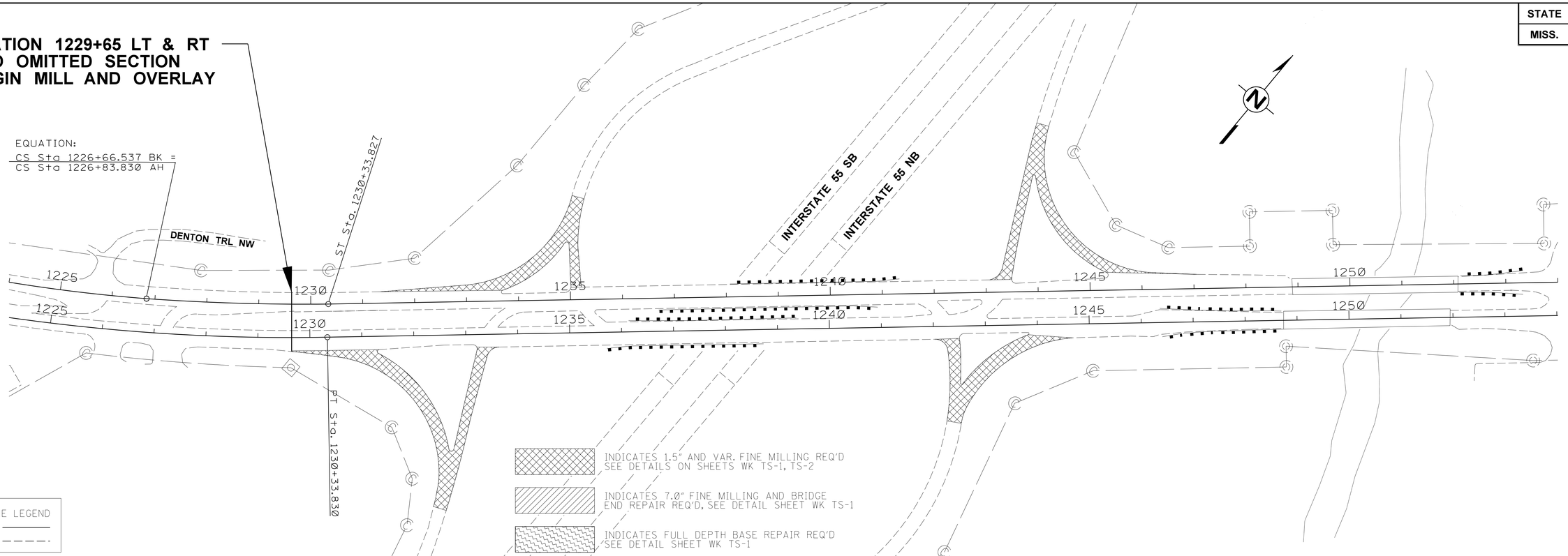
FMS CON: 107935 / 302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

STATION 1229+65 LT & RT
END OMITTED SECTION
BEGIN MILL AND OVERLAY

EQUATION:
CS Sta 1226+66.537 BK =
CS Sta 1226+83.830 AH



PROFILE LEGEND
RT LN ———
LT LN – – – –

STA 1238+00 LT OF LT
9 EA GUARDRAIL DELINEATORS, WHITE, REQ'D
45.5 TONS 9.5MM ST ASPHALT
34.5 CY EXCESS EXCAVATION

STA 1236+70 RT OF LT
11 EA GUARDRAIL DELINEATORS, YELLOW, REQ'D
66.2 TONS 9.5MM ST ASPHALT
50.1 CY EXCESS EXCAVATION

STA 1236+00 LT OF RT
9 GUARDRAIL DELINEATORS, YELLOW, REQ'D
69.8 TONS 9.5MM ST ASPHALT
52.9 CY EXCESS EXCAVATION

STA 1235+70 RT OF RT
9 GUARDRAIL DELINEATORS, WHITE, REQ'D
22.9 TONS 9.5MM ST ASPHALT
17.3 CY EXCESS EXCAVATION

STA 1252+10 LEFT GUARDRAIL
4 EA GUARDRAIL DELINEATORS, WHITE, REQ'D LT OF LT
4 EA GUARDRAIL DELINEATORS, YELLOW, REQ'D RT OF LT

STA 1246+25 RIGHT GUARDRAIL
7 EA GUARDRAIL DELINEATORS, YELLOW, REQ'D LT OF RT
7 EA GUARDRAIL DELINEATORS, WHITE, REQ'D RT OF RT

EQUATION:
BK 1226 + 66.54 =
AH 1226 + 83.83

EQUATION:

	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254
RT	433.56	433.66	432.68	431.71	430.73	429.76	428.78	427.80	426.83	425.85	424.87	423.90	422.92	421.95	420.97	419.99	419.02	418.09	417.29	416.64	416.12	415.74	415.50	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40
LT	433.56	432.57	431.58	430.59	429.60	428.61	427.97	426.98	425.99	425.00	424.01	423.02	422.03	421.04	420.05	419.06	418.13	417.33	416.66	416.14	415.76	415.51	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40

	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285
RT	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40
LT	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40

	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316
RT	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40
LT	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40

	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347
RT	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40
LT	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40	415.40

	1348	1349	1350	1351	1352	1353	1354
RT	415.40	415.40	415.40	415.40	415.40	415.40	415.40
LT	415.40	415.40	415.40	415.40	415.40	415.40	415.40

Wk. Sh. WK-22
Sh. No. 34

DESIGN TEAM: D7 | FILENAME: WK22.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
8/9/2019 4:09 PM (34) WK22.DGN

FMS CON: 107935 / 302000

STATE	PROJECT NO.
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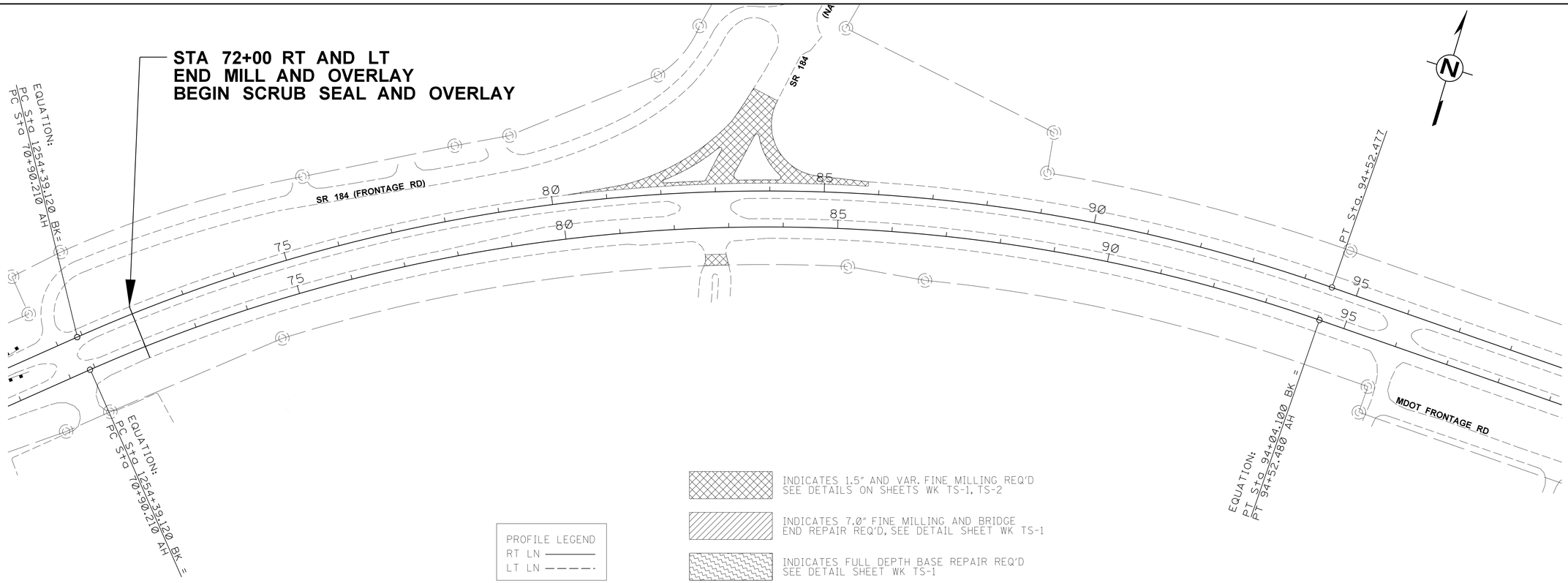
PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION



STA 1254+00
2 EAA TYPE II CROSSOVER DELINEATORS REQ'D

STA 82+80
2 EA TYPE II CROSSOVER DELINEATORS REQ'D

STA 96+00
2 EA TYPE II CROSSOVER DELINEATORS REQ'D

EQUATION:
BK 1254+38.12 =
AH 70+90.21

EQUATION:
BK 1254+38.12 =
AH 70+90.21

EQUATION:
BK 94+04.10 =
AH 94+52.48

460 450 440 430 420 410 400 390

	1253	1254	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
RT	415.40	415.40	415.40	415.40	415.44	415.62	415.93	416.39	416.98	417.72	418.59	419.60	420.75	422.00	423.26	424.52	425.78	427.04	428.30	429.56	430.82	432.08	433.34	434.58	435.69	436.66	437.49	438.19	438.74	439.16	439.45	439.72	439.98	440.25	440.52	440.79	441.05	441.32	441.59	441.86	442.12	442.39	442.66	442.93	443.17	443.34	443.44	443.45	443.44	443.43	443.43	443.42	443.42	443.41	443.40	443.37	443.28	443.12	442.91
LT	415.40	415.40	415.40	415.40	415.40	415.62	415.93	416.39	416.98	417.72	418.59	419.60	420.75	422.00	423.26	424.52	425.78	427.04	428.30	429.56	430.82	432.08	433.34	434.58	435.69	436.66	437.49	438.19	438.74	439.16	439.45	439.72	439.98	440.25	440.52	440.79	441.05	441.32	441.59	441.86	442.12	442.39	442.66	442.93	443.17	443.34	443.44	443.45	443.44	443.43	443.43	443.42	443.42	443.41	443.40	443.37	443.28	443.12	442.91

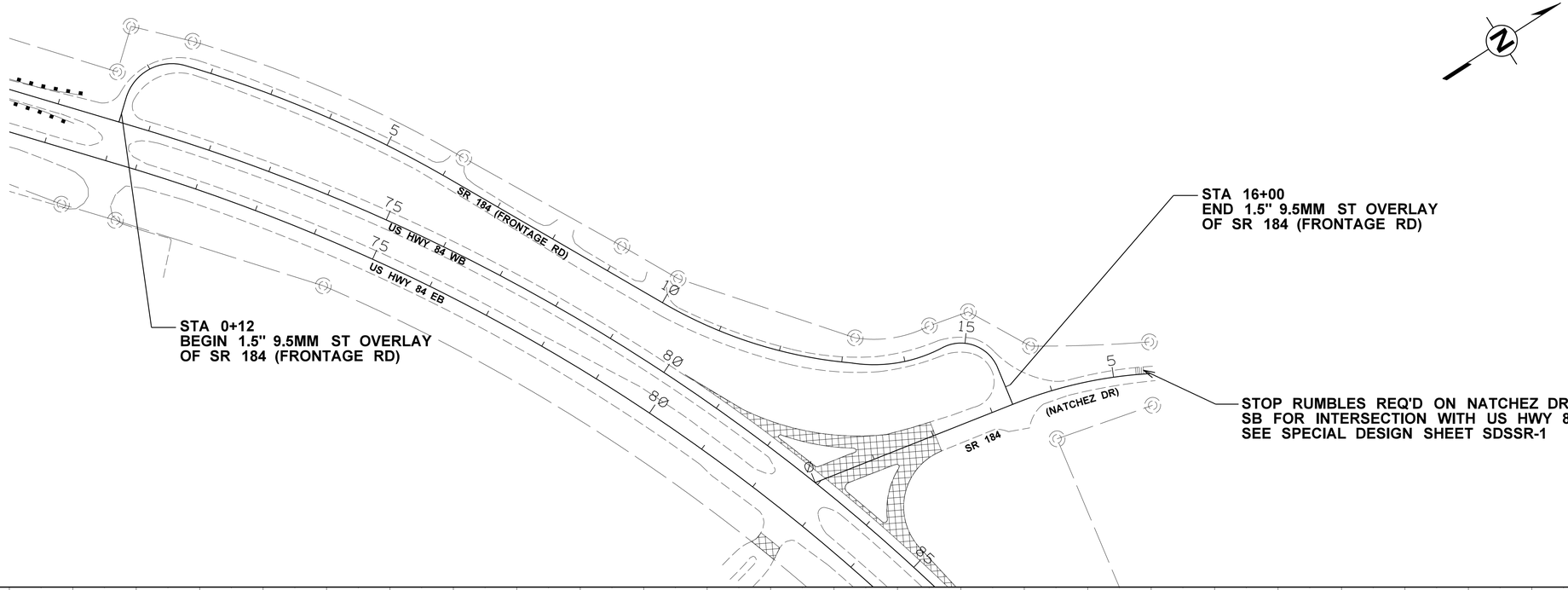
Wk. Sh. WK-23
Sh. No. 35

8/6/2019 4:09 PM (35)WK23.DGN

DESIGN TEAM: D7 | FILENAME: (33)WK23.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

FMS CON: 107935 /302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



STA 0+12
BEGIN 1.5" 9.5MM ST OVERLAY
OF SR 184 (FRONTAGE RD)

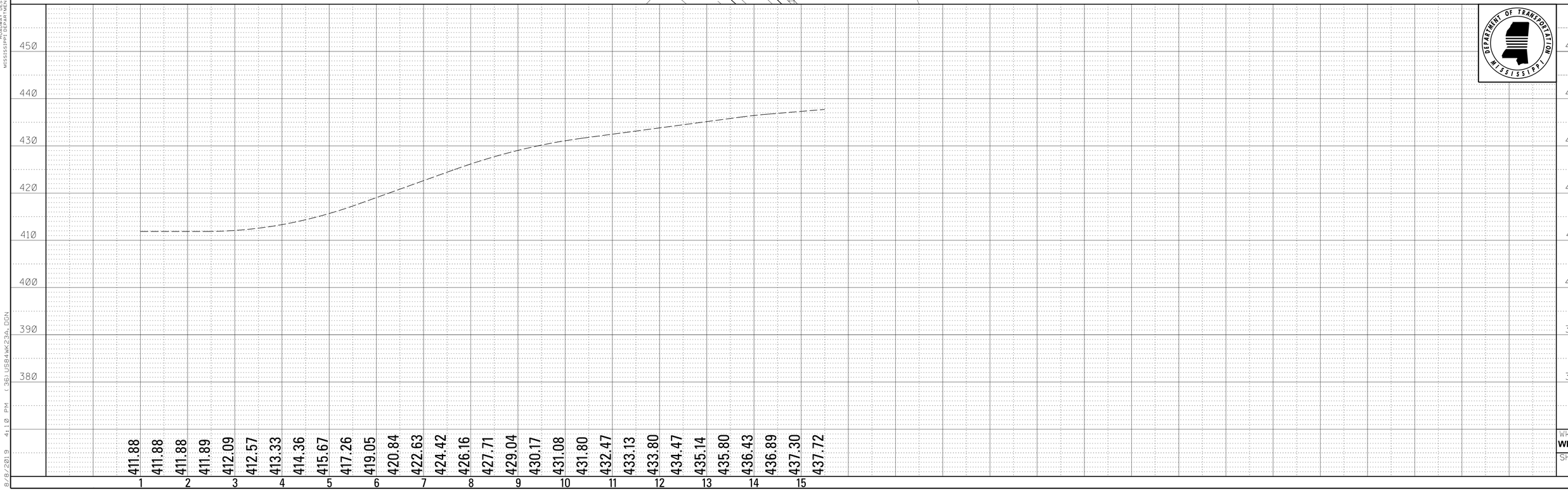
STA 16+00
END 1.5" 9.5MM ST OVERLAY
OF SR 184 (FRONTAGE RD)

STOP RUMBLES REQ'D ON NATCHEZ DR
SB FOR INTERSECTION WITH US HWY 84
SEE SPECIAL DESIGN SHEET SDSSR-1

INDICATES 1.5" AND VAR. FINE MILLING REQ'D
SEE DETAILS ON SHEETS WK TS-1, TS-2

INDICATES FULL DEPTH BRIDGE END REPAIR REQ'D,
SEE DETAIL SHEET WK TS-1

INDICATES FULL DEPTH BASE REPAIR REQ'D
SEE DETAIL SHEET WK TS-1



PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

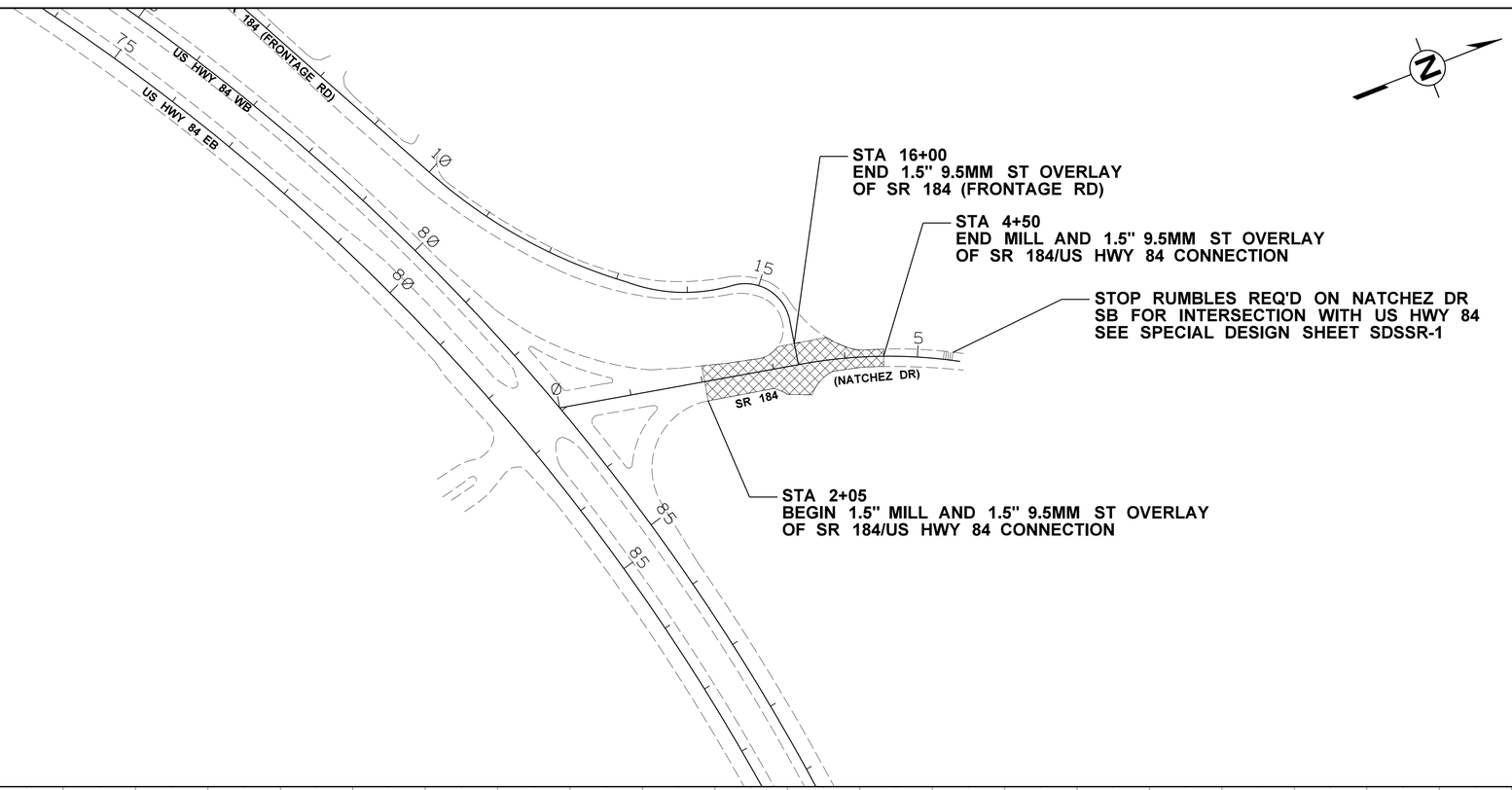
8/9/2019 4:10 PM (36) US84WK23A.DGN

Wk. Sh. WK-23A
Sh. No. 36

DESIGN TEAM: D7 | FILENAME: WK23A.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: SR 184 FRONTAGE RD

FMS CON: 107935 /302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



INDICATES 1.5" AND VAR. FINE MILLING REQ'D
SEE DETAILS ON SHEETS WK TS-1, TS-2

INDICATES FULL DEPTH BRIDGE END REPAIR REQ'D,
SEE DETAIL SHEET WK TS-1

INDICATES FULL DEPTH BASE REPAIR REQ'D
SEE DETAIL SHEET WK TS-1

470
460
450
440
430
420
410
400

448.62
446.57
444.52
442.48
440.43
438.38
1
2
3

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

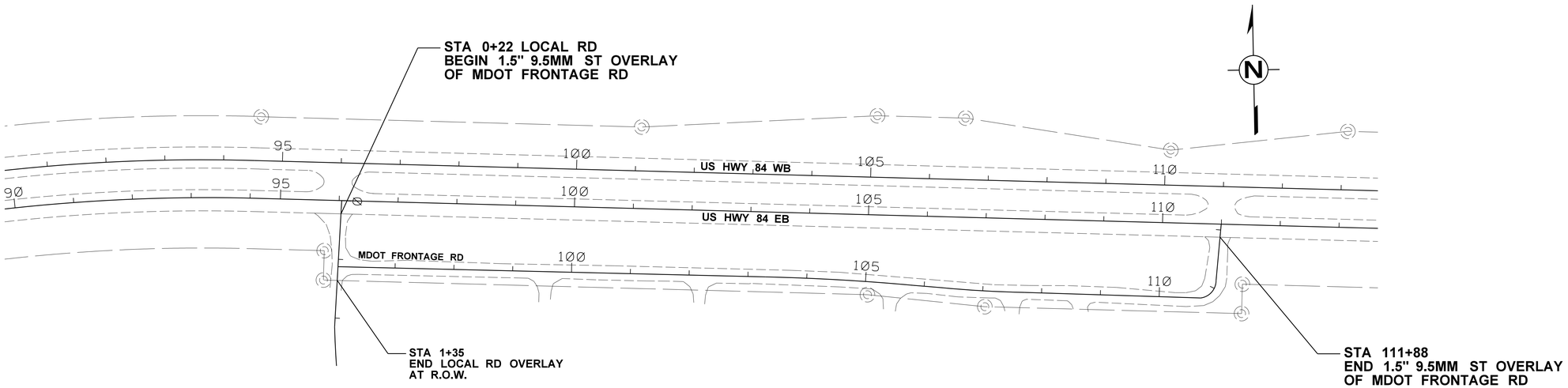
8/9/2019 4:10 PM (37) US84WK23B.DGN

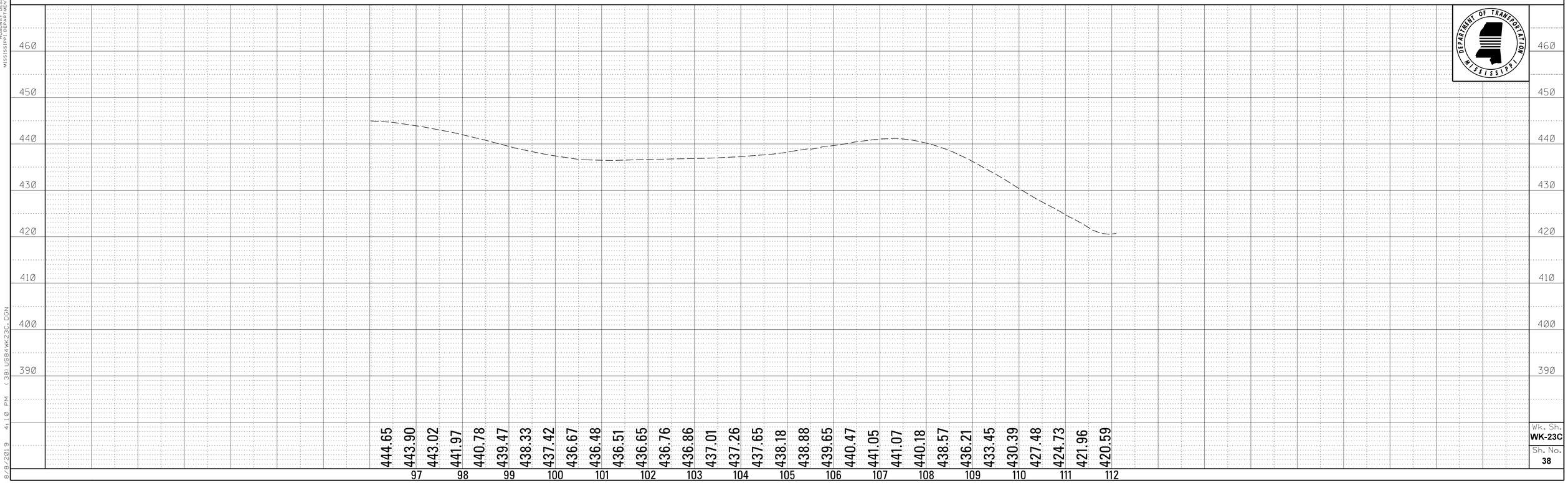
Wk. Sh. WK-23B
Sh. No. 37

DESIGN TEAM: D7 | FILENAME: WK23B.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: SR 184 FRONTAGE RD

FMS CON: 107935 /302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)





PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

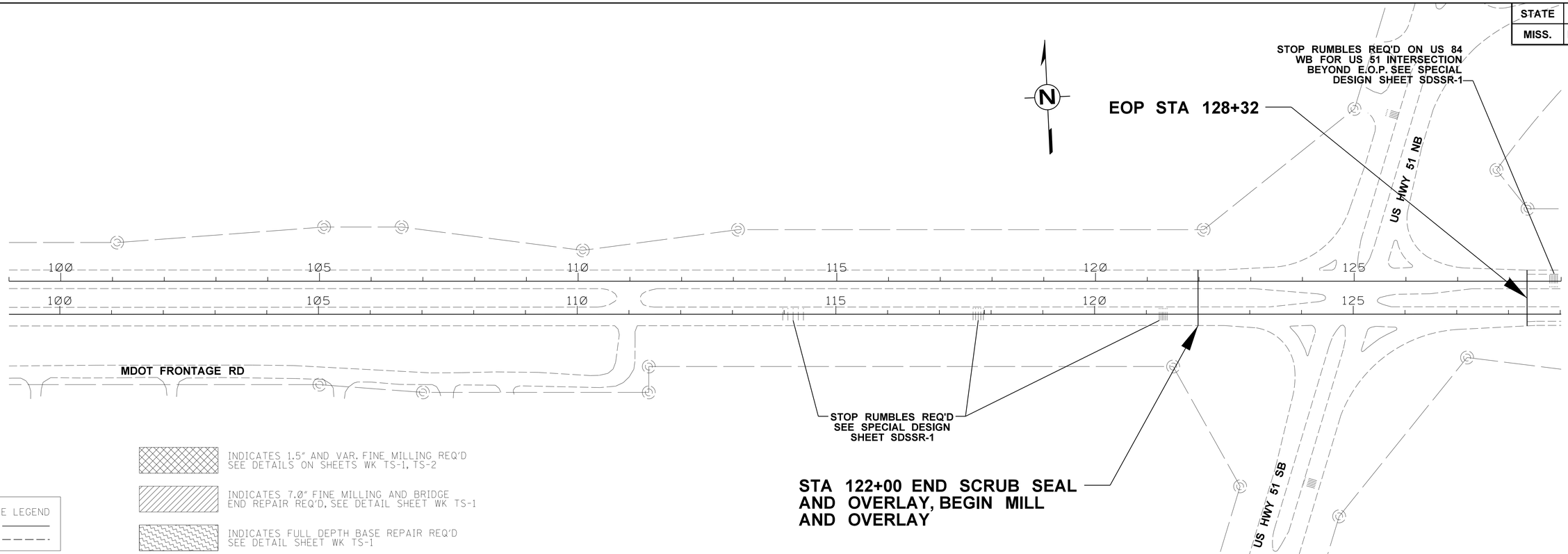
8/8/2019 4:10 PM (38) US84WK23C.DGN

Wk. Sh. WK-23C
Sh. No. 38

DESIGN TEAM: D7 | FILENAME: WK23C.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: MDOT FRONTAGE RD

FMS CON: 107935 / 302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



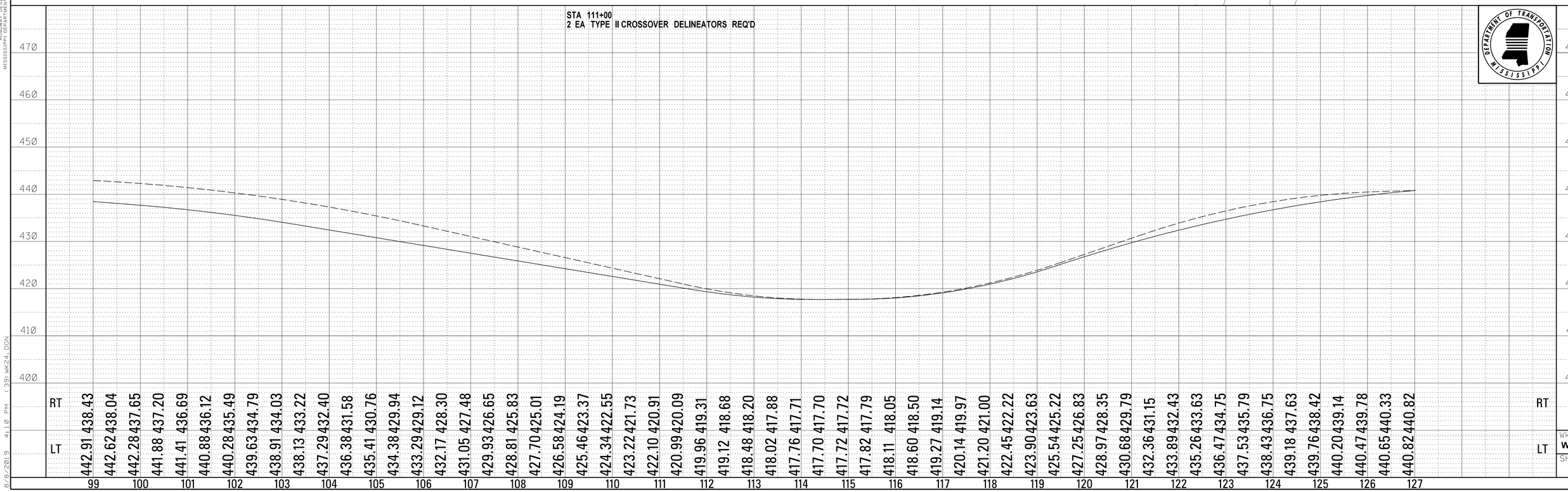
PROFILE LEGEND
RT LN ——————
LT LN – – – – –

INDICATES 1.5" AND VAR. FINE MILLING REQ'D SEE DETAILS ON SHEETS WK TS-1, TS-2

INDICATES 7.0" FINE MILLING AND BRIDGE END REPAIR REQ'D, SEE DETAIL SHEET WK TS-1

INDICATES FULL DEPTH BASE REPAIR REQ'D SEE DETAIL SHEET WK TS-1

STA 111+00
2 EA TYPE II CROSSOVER DELINEATORS REQ'D



	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127
RT		438.43	438.04	437.65	437.20	436.69	436.12	435.49	434.79	434.03	433.22	432.40	431.58	430.76	429.94	429.12	428.30	427.48	426.65	425.83	425.01	424.19	423.37	422.55	421.73	420.91	420.09	419.31	418.68	418.20
LT	442.91	442.62	442.28	441.88	441.41	440.88	440.28	439.63	438.91	438.13	437.29	436.38	435.41	434.38	433.29	432.17	431.05	429.93	428.81	427.70	426.58	425.46	424.34	423.22	422.10	420.99	419.96	419.12	418.48

	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156
RT	418.05	418.50	419.14	419.97	421.00	422.22	423.63	425.22	426.83	428.35	429.79	431.15	432.43	433.63	434.75	435.79	436.75	437.63	438.42	439.14	439.78	440.33	440.82						
LT	418.11	418.60	419.27	420.14	421.20	422.45	423.90	425.54	427.25	428.97	430.68	432.36	433.89	435.26	436.47	437.53	438.43	439.18	439.76	440.20	440.47	440.65	440.82						

RT

LT

Wk. Sh. WK-24

Sh. No. 39

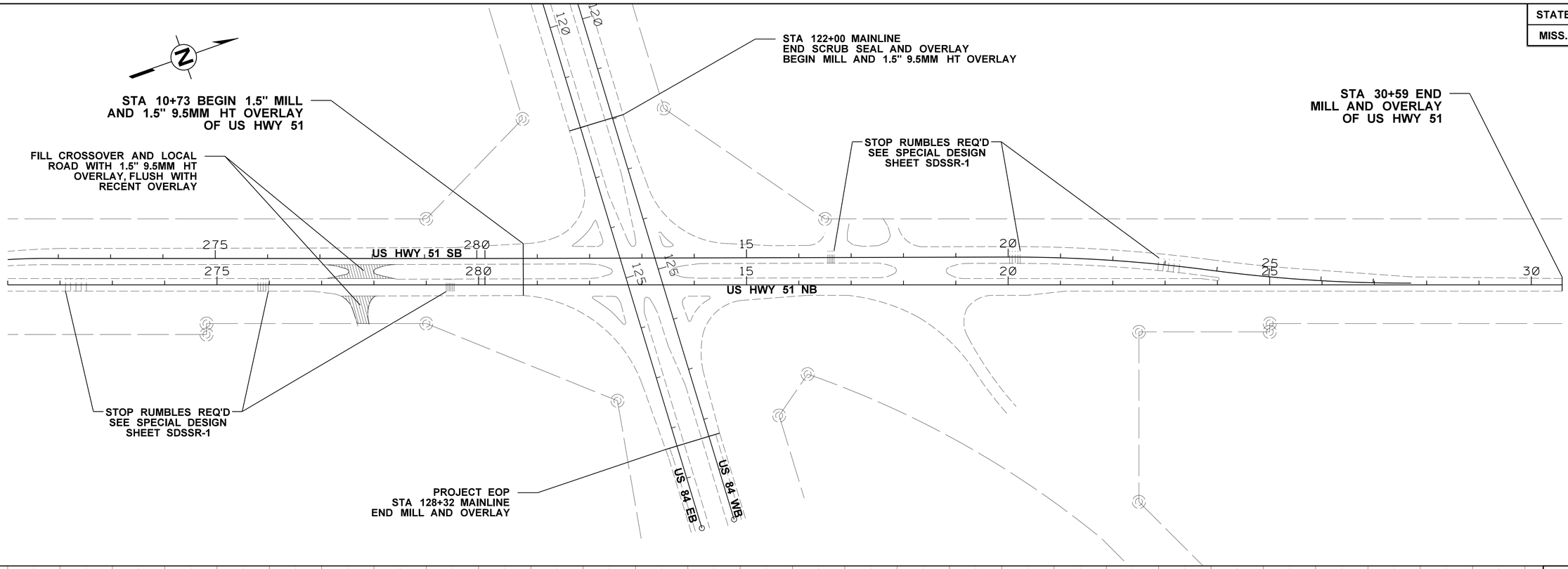
DESIGN TEAM: D7 | FILENAME: WK24.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 84

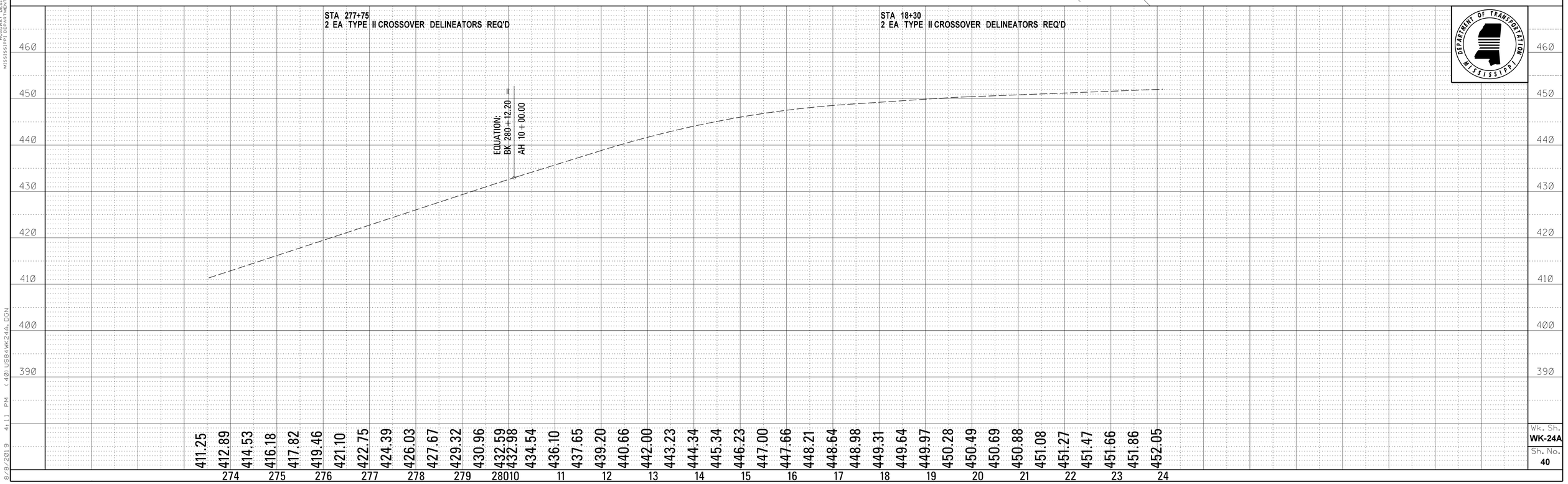
PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/9/2019 4:10 PM (39) WK24.DGN

FMS CON: 107935/302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)





PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/9/2019 4:11 PM (40)US84WK24A.DGN

Wk. Sh. WK-24A
Sh. No. 40

DESIGN TEAM: D7 | FILENAME: (40)US84WK24A.dgn | COUNTY: LINCOLN | PROJECT NO.: NH-0015-01(138) | SHEET ID: US HWY 51

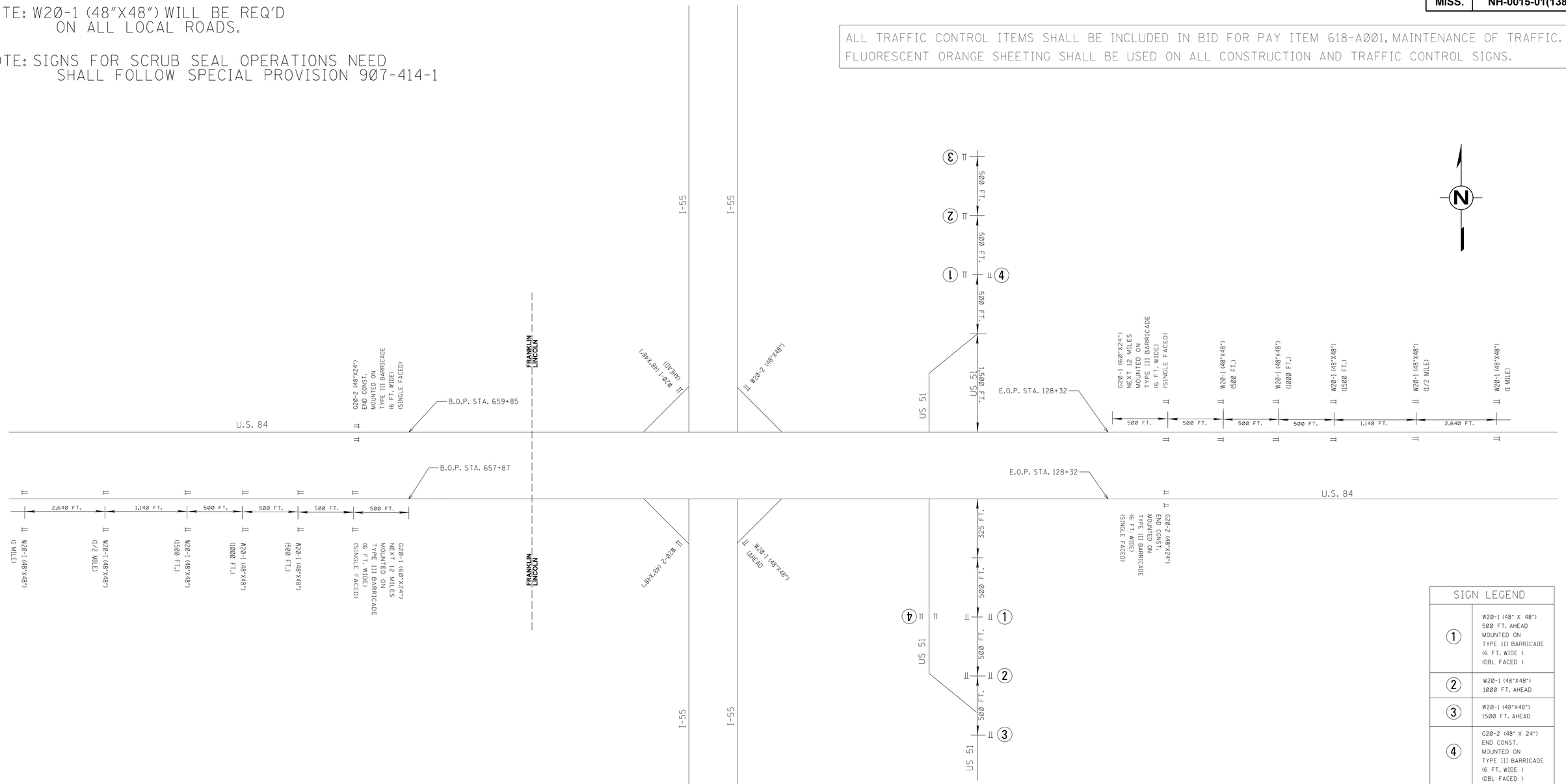
FMS CON: 107935/301000/302000

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

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

NOTE: SIGNS FOR SCRUB SEAL OPERATIONS NEED SHALL FOLLOW SPECIAL PROVISION 907-414-1

ALL TRAFFIC CONTROL ITEMS SHALL BE INCLUDED IN BID FOR PAY ITEM 618-A001, MAINTENANCE OF TRAFFIC. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS.



SIGN LEGEND	
1	W20-1 (48" X 48") 500 FT. AHEAD MOUNTED ON TYPE III BARRICADE (6 FT. WIDE) (DBL FACED)
2	W20-1 (48"X48") 1000 FT. AHEAD
3	W20-1 (48"X48") 1500 FT. AHEAD
4	G20-2 (48" X 24") END CONST. MOUNTED ON TYPE III BARRICADE (6 FT. WIDE) (DBL FACED)

*** NOT TO SCALE ***

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAIL OF CONSTRUCTION SIGNING

PROJ. NO.: NH-0015-01(138)
COUNTY: FRANKLIN/LINCOLN

WORKING NUMBER **DCS-1**

SHEET NUMBER **41**

BY | REVISION | DATE

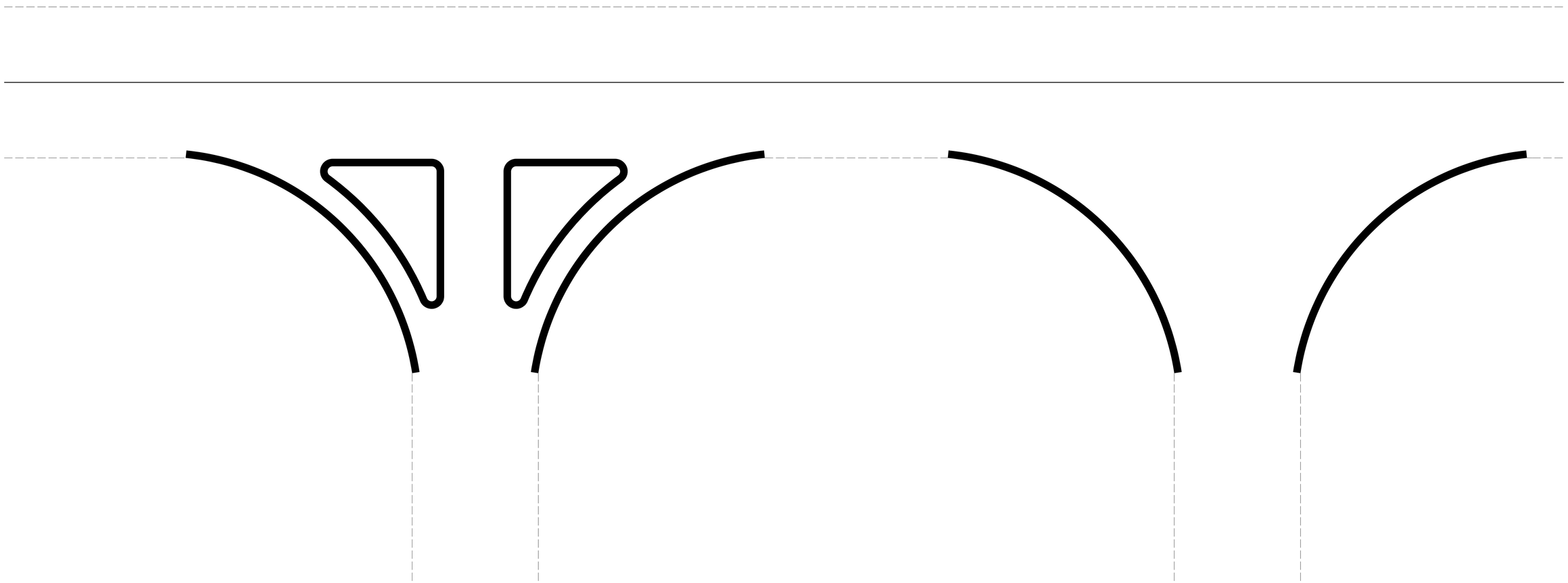
FILE NAME: DCS-1.DGN
DESIGN TEAM DISTRICT 7 CHECKED GW DATE 07/11/2019

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/8/2019 4:11 PM (41)DCS-1.DGN

FMS CON: 107935/301/302

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



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

REVISION | BY | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

CURB AND ISLAND STRIPING

PROJ. NO.: NH-0015-01(138)
COUNTY: FRANKLIN, LINCOLN

FILENAME: **(23)CURB&ISLAND.dgn**
DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER **DCIS-1**

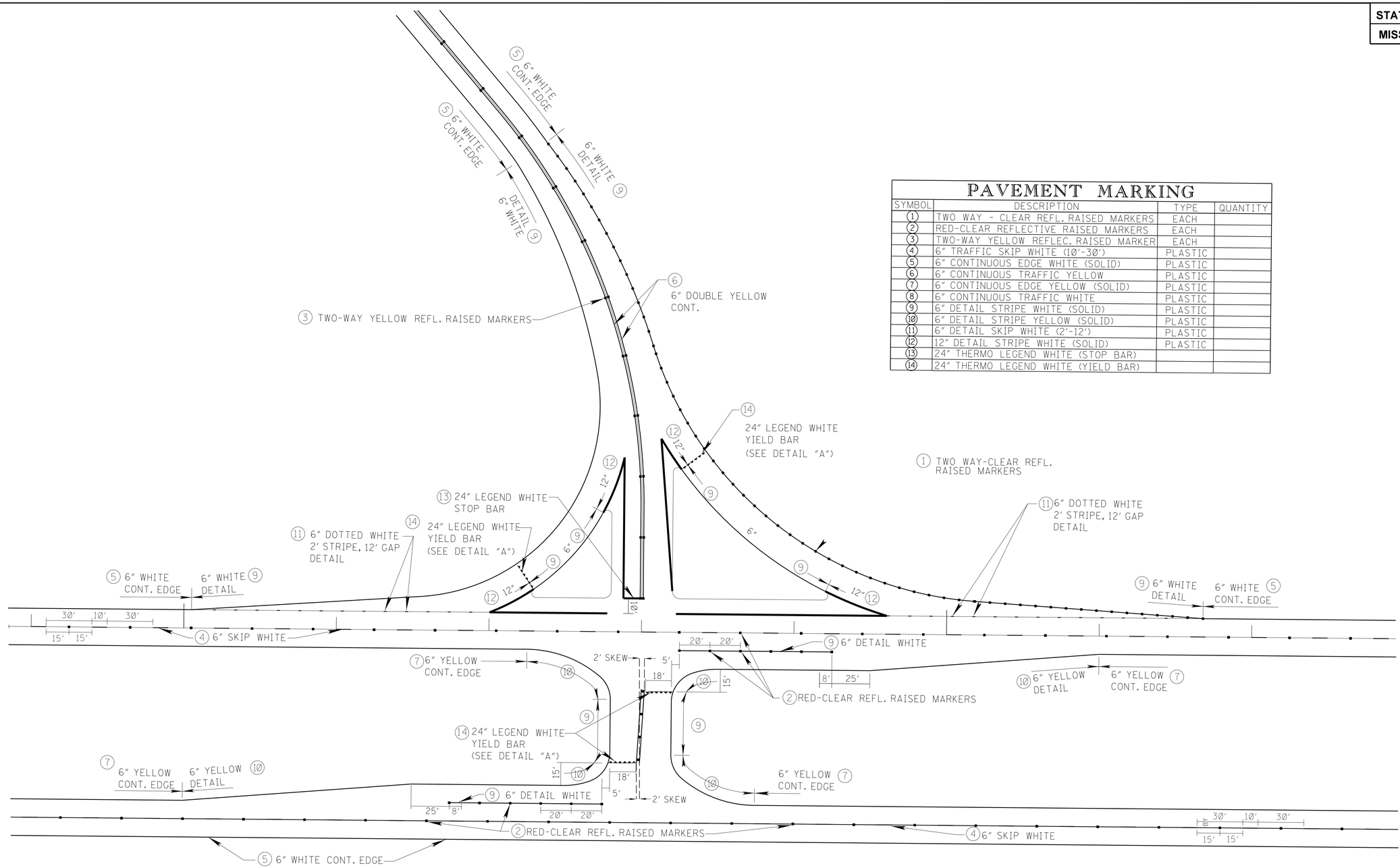
SHEET NUMBER **42**

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

6/6/2019 4:11 PM (42)DCIS-1.DGN

FMS CON: 107935/301/302

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



PAVEMENT MARKING

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

① TWO WAY-CLEAR REFL. RAISED MARKERS

⑪ 6" DOTTED WHITE 2' STRIPE, 12' GAP DETAIL

24" LEGEND WHITE

24"

16" 16"

DETAIL "A"

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAIL OF STRIPING CHANNELIZED INTERSECTION

PROJ. NO.: NH-0015-01(138)

COUNTY: FRANKLIN, LINCOLN

WORKING NUMBER **PMD-4**

SHEET NUMBER **43**

FILENAME: **(24)pmd-4.dgn**

DESIGN TEAM _____ CHECKED _____ DATE _____

REVISION BY DATE

FILE:
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

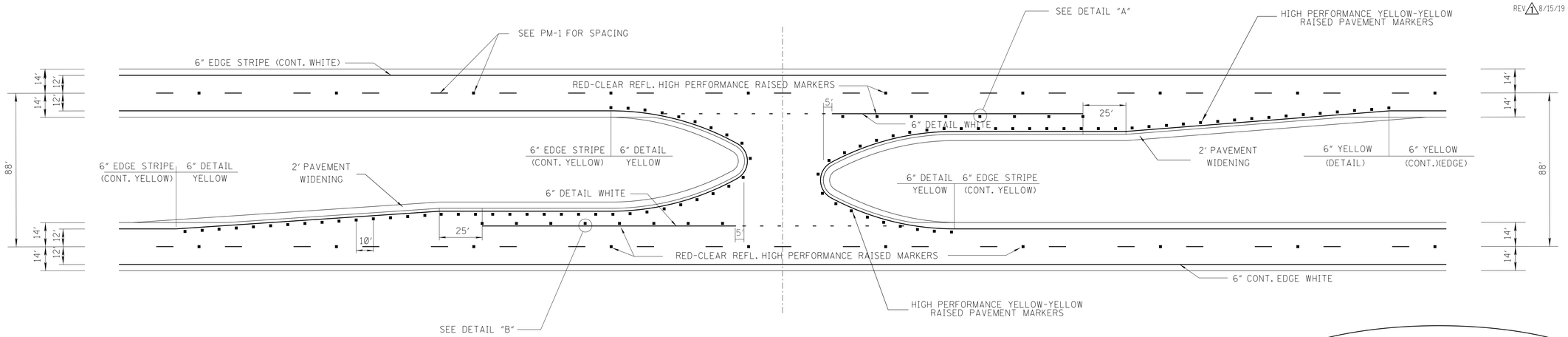
8/8/2019 4:11 PM (43) PMD-4.DGN

FMS CON: 107935/301000 107935/302000

1st O.REV.

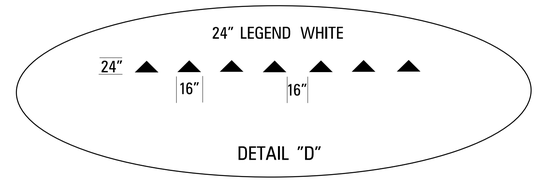
STATE	PROJECT NO.
MISS.	NH-0015-01(138)

REV 1 8/15/19 CORR TO PROJ NO BY NW

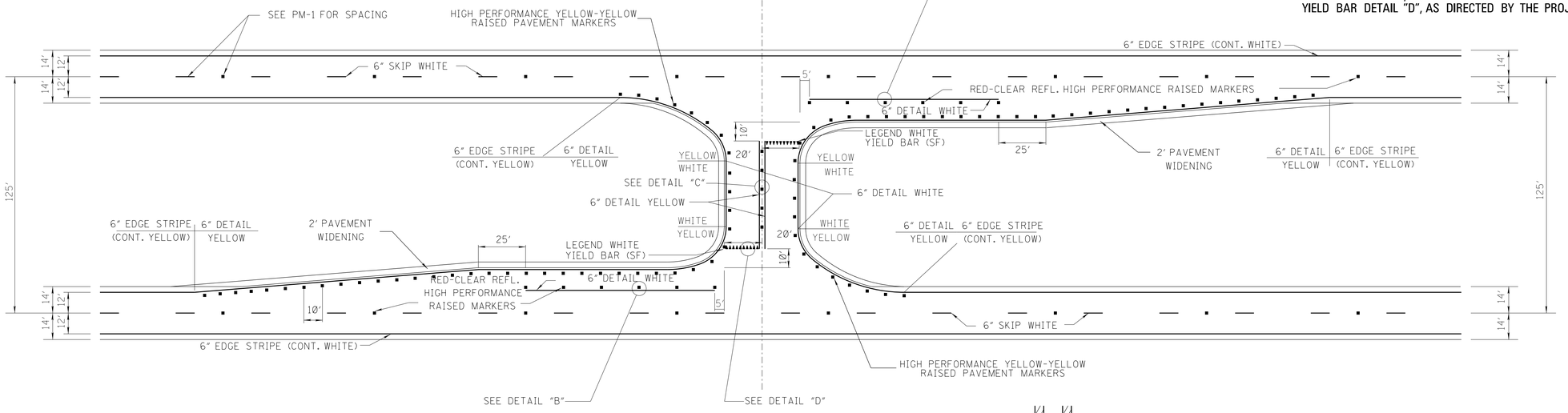


℄ TO ℄ ≤ 88'

NOTE: FOR WIDER ℄ TO ℄ SPACINGS, REFER TO OTHER SHEETS IN PLANS

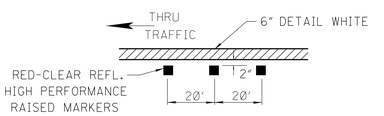


NOTE: IF EXISTING PERMANENT STOP SIGNS ARE TO REMAIN IN PLACE AT THE CROSSOVER, USE TYPICAL STOP BAR LEGEND IN LIEU OF YIELD BAR DETAIL "D", AS DIRECTED BY THE PROJECT ENGINEER

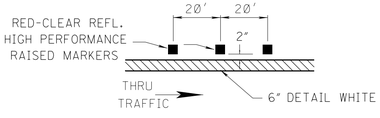


125' ≥ ℄ TO ℄ > 88'

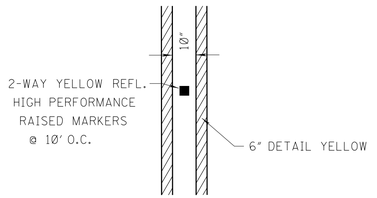
NOTE: FOR WIDER C TO C SPACINGS, REPLACE -YIELD- AND YIELD BARS WITH -STOP- AND STOP BARS.



DETAIL "A"



DETAIL "B"



DETAIL "C"

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

CROSSOVER RPM

D7 TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSOVERS

PROJ. NO.: NH-0015-01(138)

COUNTY: FRANKLIN, LINCOLN

WORKING NUMBER **D7-1**

SHEET NUMBER **44**

REVISION | BY | DATE

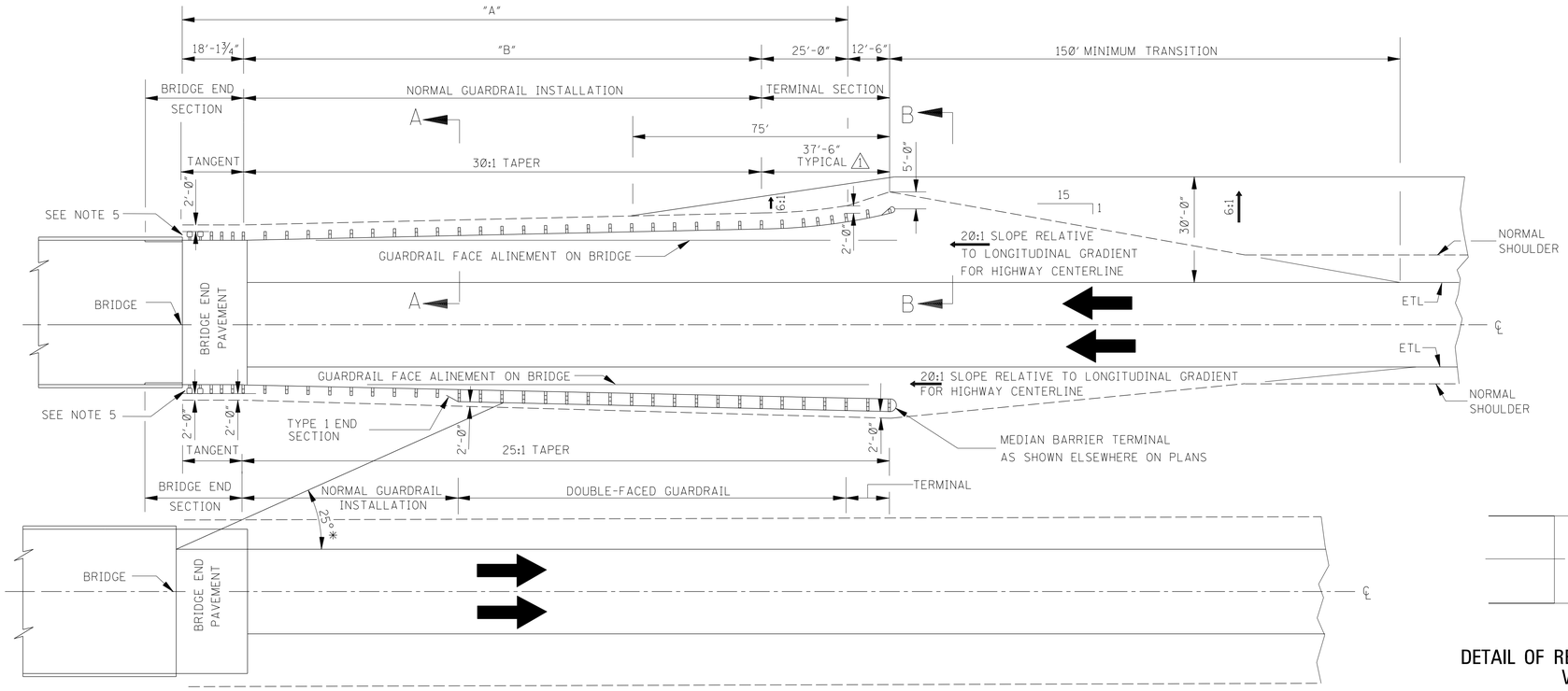
FILE NAME: (44)CROSSOVER RPM.dgn

DESIGN TEAM D7 CHECKED DATE

FILE:
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

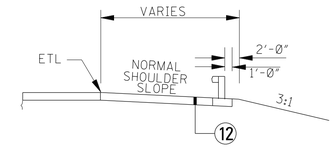
8/19/2019 1:40 PM (44)CROSSOVER RPM.DGN

STATE	PROJECT NO.
MISS.	NH-0015-01(138)

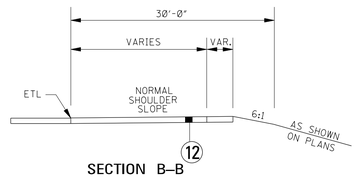


DIVIDED HIGHWAY WITH BARRIER INSIDE CLEAR ZONE OF OPPOSING TRAFFIC

*NOTE: THE 25° LINE IS USED TO DETERMINE THE LIMITS OF MEDIAN BARRIER AS SHOWN.



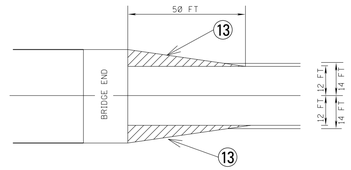
SECTION A–A



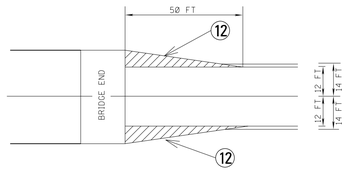
SECTION B–B

(12) 1.50" OF FINE MILLING REQUIRED & 1.50" OF 9.5MM ASPHALT REQUIRED

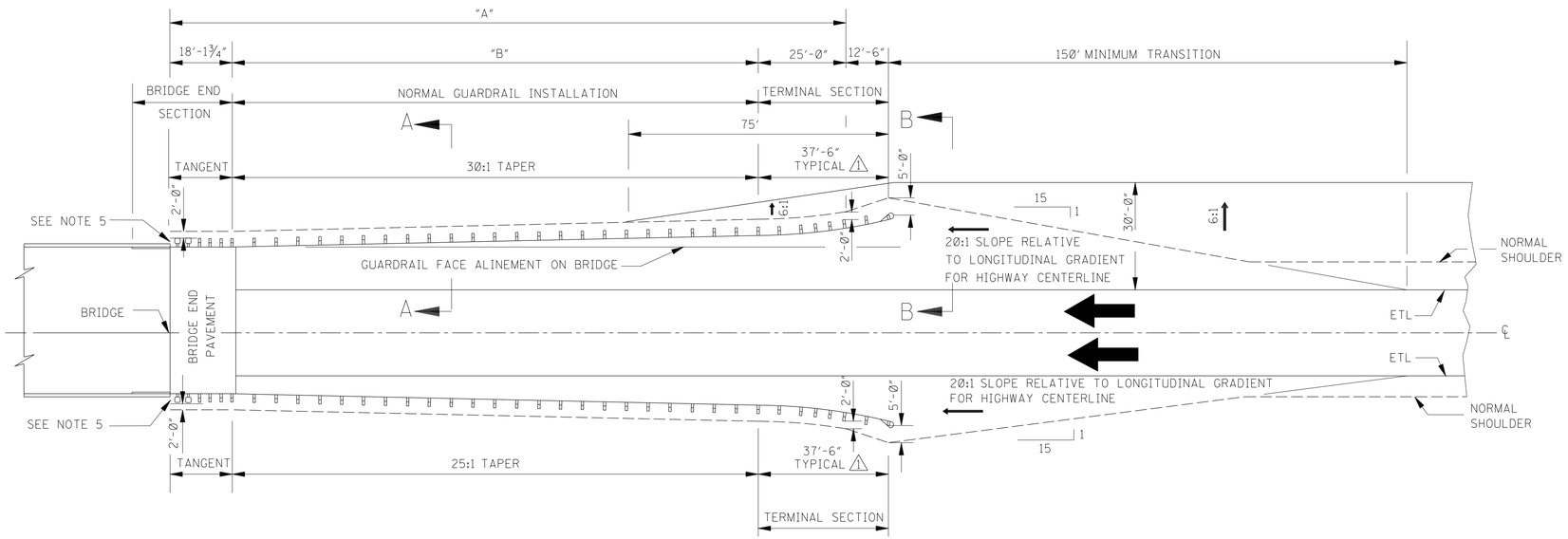
(13) 3" OF 9.5MM ASPHALT REQUIRED



DETAIL OF REQ'D PAVEMENT AT BRIDGE END WITHOUT GUARDRAIL



DETAIL OF EXISTING PAVEMENT AT BRIDGE END WITHOUT GUARDRAIL



GENERAL NOTES:

1. VALUES FOR "A" AND "B" WILL BE SHOWN ELSEWHERE ON THE PLANS.
2. FOR DETAILS PERTINENT TO INSTALLATION OF THE TERMINAL SECTION, SEE MANUFACTURER'S SPECIFICATIONS AND DRAWINGS OR ELSEWHERE ON PLANS
3. GUARDRAIL SECTIONS ARE TO BE LAPPED IN THE DIRECTION OF TRAFFIC FLOW NEAREST THE GUARDRAIL FACE.
4. THE OVERALL LENGTH OF GUARDRAIL IS MEASURED FROM THE CONNECTING END ON THE BRIDGE.
5. THE SHOULDER WIDTH AT THE BRIDGE END SHALL BE SUFFICIENTLY WIDE TO PROVIDE A MINIMUM OF 2'-0" BEHIND THE BACK OF POST BEFORE THE SLOPE BREAK (HINGEPOINT).
6. TYPE, DETAILS AND LIMITS OF GUARDRAIL BRIDGE END SECTION WILL BE SHOWN ELSEWHERE ON THE PLANS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GUARDRAIL TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS

PROJ. NO.: NH-0015-01(138)

COUNTY: FRANKLIN, LINCOLN

BY | REVISION | DATE

FILE NAME: GR-4-MOD.dgn

DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER **GR-4-MOD**

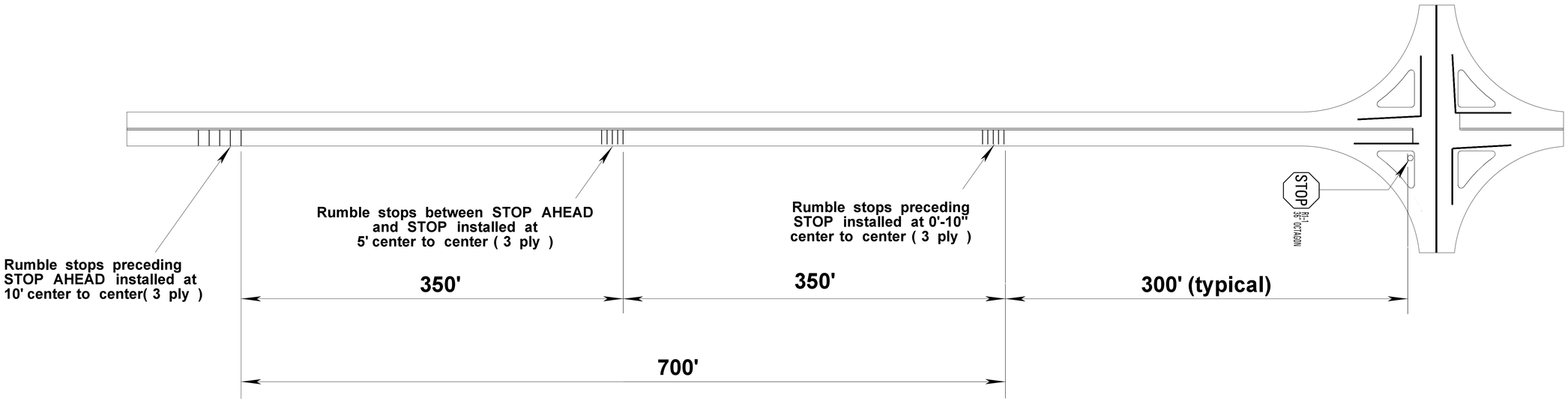
SHEET NUMBER **45**

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/8/2019 4:11 PM (45) GR-4-MOD.DGN

FMS CON: 107935/301/302

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



NOTES:
Install rumble stop bars as shown :

1. 1 set of rumble stops approx. 250' from STOP AHEAD
2. 1 set of rumble stops approx. 300' from STOP
3. 1 set of rumble stops approx. Halfway between first and last set
4. Rumble stops to be 6" thermoplastic (120 mil/each ply, 360 mil total)
5. 5 rumble stops per set minimum
6. Installation may vary due to terrain
7. Signs should be 48" for channelized intersection, 36" for non-channelized intersection

THIS DRAWING IS NOT TO SCALE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/8/2019 4:11 PM (46)SDSSR-1.DGN

REVISION | BY | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STOP SIGN RUMBLES

PROJ. NO.: NH-0015-01(138)
COUNTY: FRANKLIN, LINCOLN

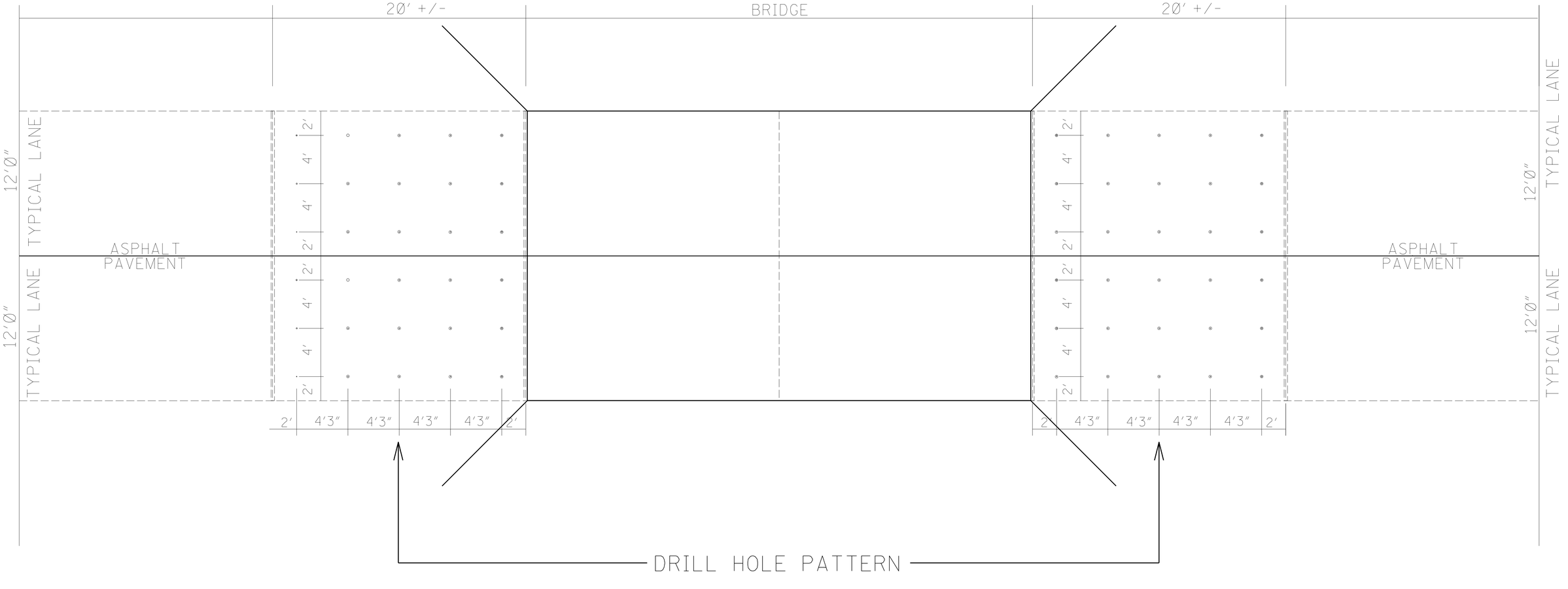
FILENAME: (36)stop rumble.dgn
DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER
SDSSR-1

SHEET NUMBER
46

FMS CON: 107935 /301/302

STATE	PROJECT NO.
MISS.	NH-0015-01(138)



PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/8/2019 4:11 PM (47) UCPD-1.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

UNDERSEALING CONCRETE PAVING DETAIL

PROJ. NO.: NH-0015-01(138)
COUNTY: FRANKLIN, LINCOLN

REVISION | BY | DATE

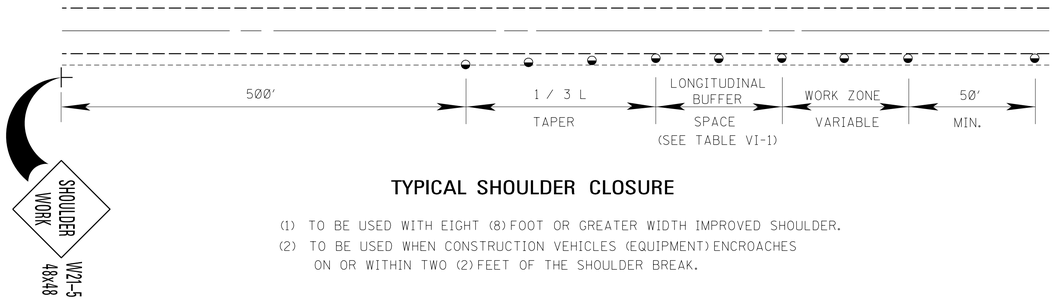
FILE NAME: UPCD-1.dgn
DESIGN TEAM UPDATE CHECKED UPDATE DATE UPDATE

WORKING NUMBER
UPCD-1

SHEET NUMBER
47

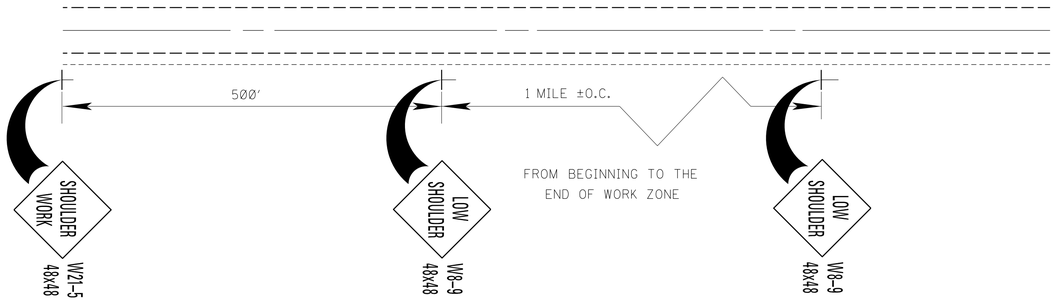
STATE	PROJECT NO.
MISS.	NH-0015-01(138)

PLASTIC DRUMS
(SEE NOTE FOR SPACING)



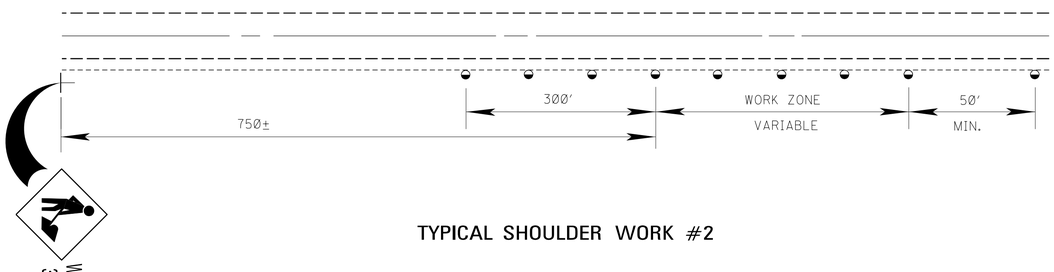
TYPICAL SHOULDER CLOSURE

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



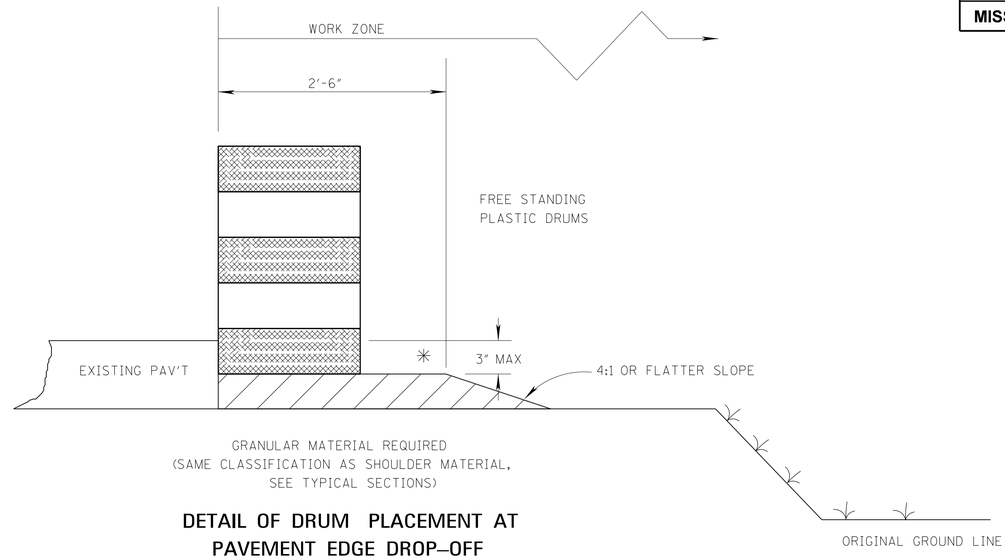
TYPICAL SHOULDER WORK #1
(SEE NOTE A–1 THIS SHEET)

PLASTIC DRUMS
(SEE NOTE FOR SPACING)



TYPICAL SHOULDER WORK #2

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



DETAIL OF DRUM PLACEMENT AT PAVEMENT EDGE DROP–OFF

NOTES:

✳ A. PAVEMENT EDGE DROP-OFF

1. IF LESS THAN TWO AND ONE QUARTER (2.25) INCHES-NO PROTECTION REQUIRED. PLACE A SHOULDER WORK SIGN (W21-5) 500 FEET IN ADVANCE OF WORK ZONE SHOULDER AND A LOW SHOULDER SIGN (W8-9) AT THE BEGINNING AND THROUGHOUT THE WORK ZONE @ (1 MILE ±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. CONES MAY BE USED IN PLACE OF DRUMS, PANELS, AND BARRICADES DURING DAYLIGHT HOURS. FOR TANGENT SECTIONS WITH SPEEDS LESS THAN 50 MILES PER HOUR AND FOR CURVES, DEVICES SHOULD BE PLACED EVERY 50 FEET. SPACING FOR TAPERS SHOULD BE IN ACCORDANCE WITH THE M.U.T.C.D. (1 / 3 L, WHERE L IS THE TAPER LENGTH IN FEET.)

3. GREATER THAN THREE (3) INCHES-POSITIVE SEPARATION OR WEDGE WITH 4:1 OR FLATTER SLOPE NEEDED. IF THERE IS EIGHT (8) FEET OR MORE DISTANCE BETWEEN THE EDGE OF TRAVEL LANE AND DROP-OFF, THEN DRUMS, PANELS OR BARRICADES MAY BE USED.

4. FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN THREE (3) INCHES MAY BE PROTECTED WITH DRUMS, VERTICAL PANELS OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA.

5. LESSER TREATMENTS THAN THOSE DESCRIBED ABOVE MAY BE CONSIDERED FOR LOW-VOLUME LOCAL STREETS.

B. DRUM SPACING

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

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

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

✳✳ SPEED (MPH)	LENGTH (FEET)
20	35
25	55
30	85
35	120
40	170
45	220
50	280
55	335
60	415
65	485

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

BY | REVISION | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE

PROJ. NO.: NH-0015-01(138)
COUNTY: FRANKLIN, LINCOLN

WORKING NUMBER
SDTCP-16

FILE NAME: (48)TCP16.dgn
DESIGN TEAM D7 CHECKED DATE

SHEET NUMBER
48

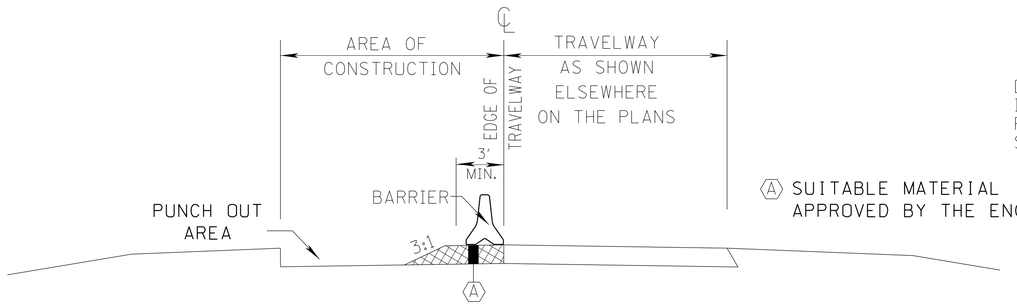
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/8/2019 4:11 PM (48) TCP16.DGN

1st O.REV.

⚠1 FMS CON: 107935/301/302

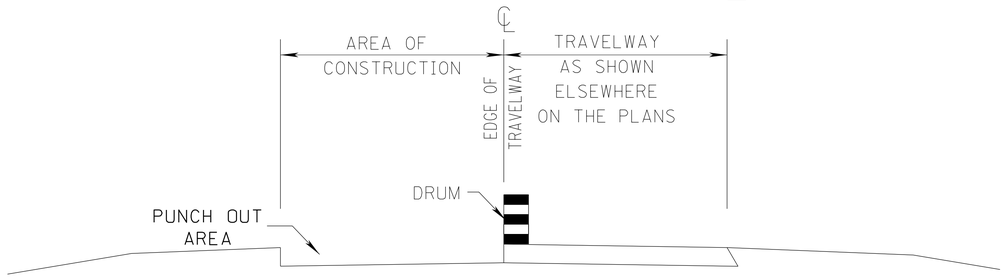
STATE	PROJECT NO.
MISS.	NH-0015-01(138)



Ⓐ SUITABLE MATERIAL (TO BE APPROVED BY THE ENGINEER)

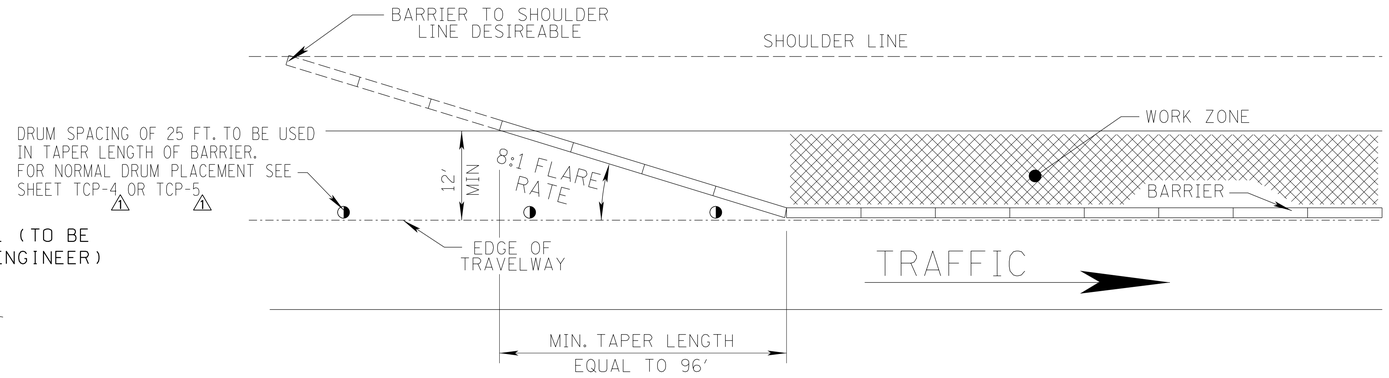
ELEVATION VIEW FOR POSITIVE BARRIER

1. POSITIVE BARRIER IS REQ'D IN THE AREA OF OPEN PUNCH OUTS THAT ARE WITHIN SIX (6) FEET OF THE TRAVELWAY WHENEVER ACTUAL REPAIR WORK IS NOT BEING PERFORMED WITHIN THE LANE CLOSURE.
2. MATERIAL USED TO SUPPORT POSITIVE BARRIER MUST BE AT SAME ELEVATION AS PAVEMENT IN ADJACENT TRAVELWAY.
3. DELINEATORS REQUIRED ON ALL NON-REFLECTIVE BARRIER, AS SHOWN ON WORKING NO. CMB-3. ⚠



ELEVATION VIEW FOR DRUM

1. WHILE WORK IS BEING PERFORMED WITHIN THE LANE CLOSURE, DROP-OFFS MUST BE PROTECTED, WITH DRUMS, ETC. IN EMERGENCIES EXCAVATED SECTION MAY BE BACKFILLED WITH GRANULAR MATERIAL, STONE OR OTHER APPROVED MATERIAL TO AVOID OVERNIGHT DROP-OFFS.
2. LANE CLOSURES WITH OPEN PUNCH OUT AREAS MAY NOT BE LEFT UNATTENDED WHEN DRUMS ARE BEING USED FOR LANE CLOSURE



DETAIL OF TAPER FOR POSITIVE BARRIER IN WORK ZONE

GENERAL NOTES

1. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER OTHER BID ITEMS.
2. FOR DETAILS OF DRUM PLACEMENT SEE OTHER TRAFFIC CONTROL PLANS.

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/19/2019 1:41 PM (49)SDLCD-1.DGN

DATE	REVISION	BY
8/15/19	CORR. SHT BORDER TEXT AND UPDATED STANDARD REFERENCES	NW

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

LANE CLOSURE DETAILS FOR FULL DEPTH PAVEMENT REPAIR

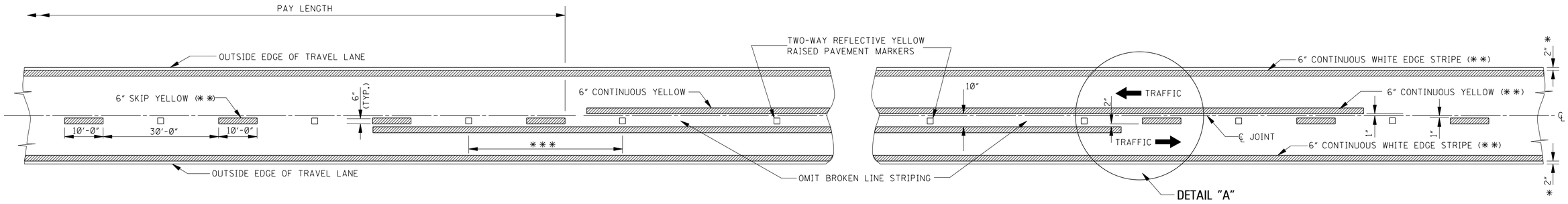
PROJ. NO.: NH-0015-01(138)
COUNTY: FRANKLIN, LINCOLN

WORKING NUMBER
SDLCD-1

SHEET NUMBER
49

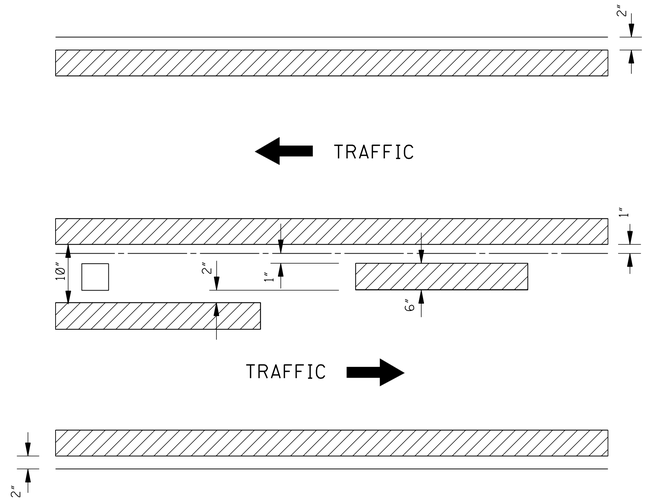
FILE NAME: (49)SDLCD-1.dgn
DESIGN TEAM D7 CHECKED NW DATE 08-2019

STATE	PROJECT NO.
MISS.	



TWO–WAY TRAFFIC
(ASPHALT OR CONCRETE PAVEMENT)

NOTE: THE CRITERIA FOR NO-PASSING ZONES CAN BE FOUND IN THE MDOT ROADWAY DESIGN MANUAL, SECTION 11-1.01.



DETAIL "A"

GENERAL NOTES:

* 1. 2" UNLESS SHOWN ELSEWHERE ON THE PLANS. FOR STRIPING ON RUMBLE STRIP SECTIONS REFER TO WK. SHEETS RS-1, RS-2, AND RS-3.

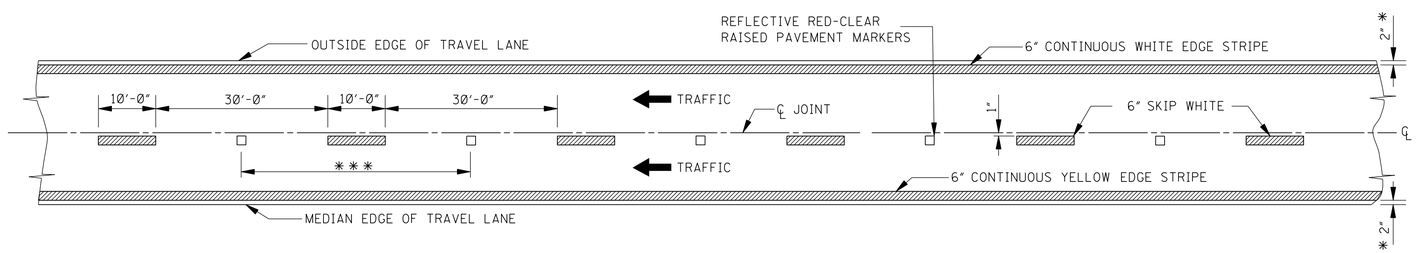
* * 2. EDGE STRIPE SHALL BE SAME MATERIAL AS LANE-LINE STRIPE (PAINT OR PLASTIC AS INDICATED IN PAY ITEMS).

* * * 3. SPACING OF REFLECTIVE RAISED PAVEMENT MARKERS IS AS FOLLOWS:

	URBAN AREA (ft-in)	RURAL AREA (ft-in)
TANGENT SECTIONS	40'-0"	80'-0"
HORIZONTAL CURVES	40'-0"	40'-0"
INTERCHANGE LIMITS	40'-0"	† 40'-0"

† 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 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 MDOT "APPROVED SOURCES OF MATERIALS."



4–LANE WITH ONE–WAY TRAFFIC

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

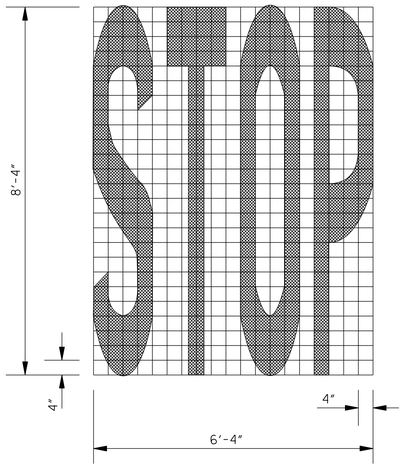
PAVEMENT MARKING DETAILS FOR 2–LANE AND 4–LANE DIVIDED ROADWAYS

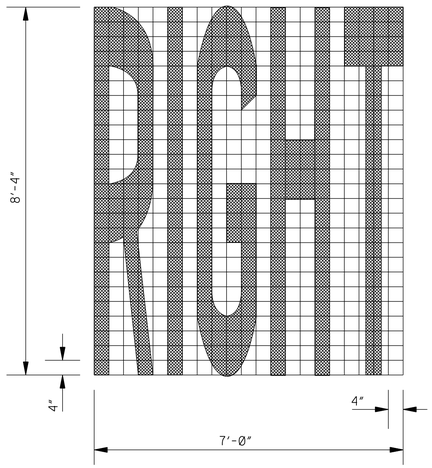
ISSUE DATE: AUGUST 01, 2017

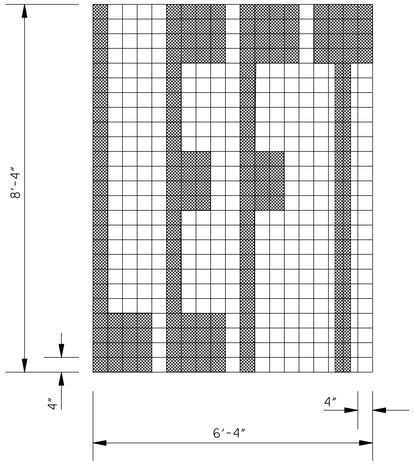
WORKING NUMBER
PM-1

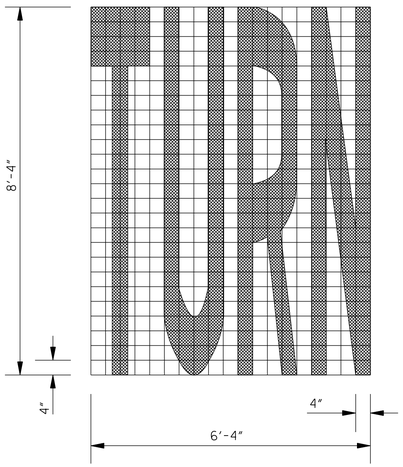
SHEET NUMBER
6051

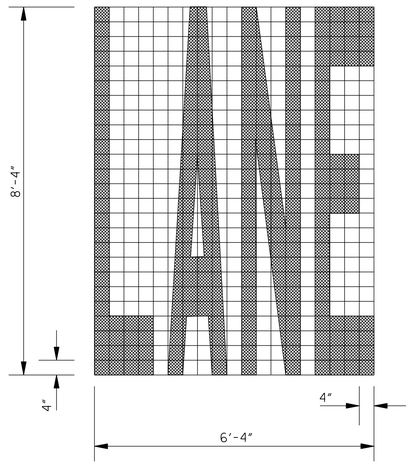
STATE	PROJECT NO.
MISS.	

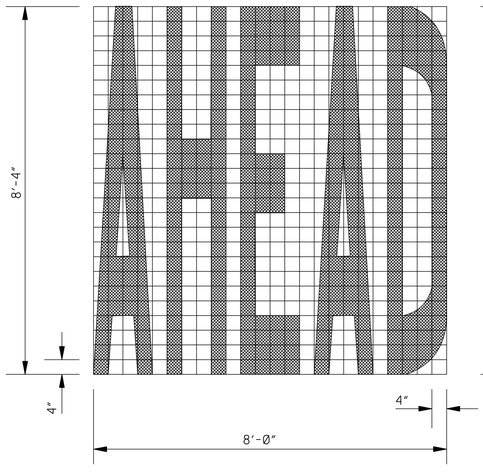


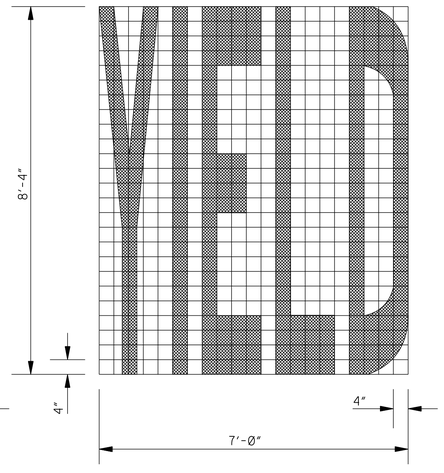


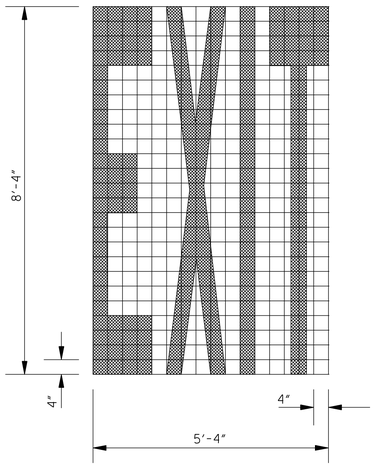


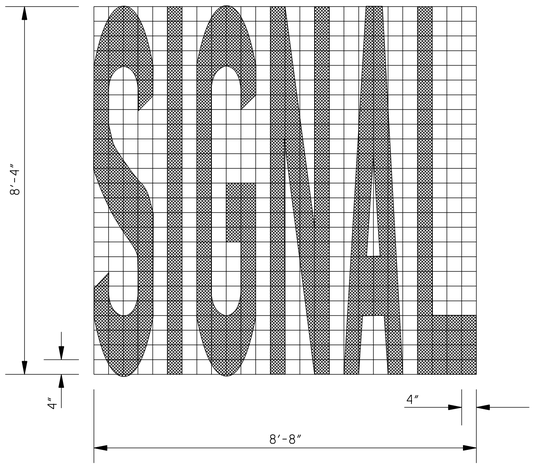


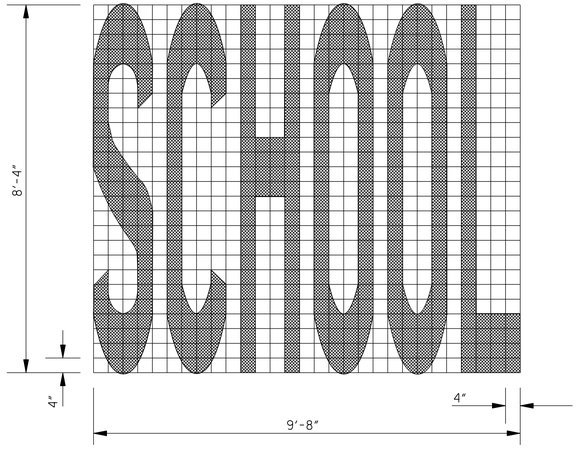












GENERAL NOTES:

1. TWO HORIZONTAL GAPS (CAUSED BY TEMPLATE CONNECTORS) OF 1½" OR LESS AND EXTENDING THE FULL WIDTH ARE PERMITTED IN EACH LETTER.
2. FOR OTHER DETAILS, SEE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
3. PAY QUANTITIES FOR PAVEMENT MARKING LEGENDS ARE AS FOLLOWS:

PAY QUANTITIES	
LEGEND	AREA (ft^2)
STOP	24.6
RIGHT	28.6
LEFT	19.5
TURN	27.3
LANE	22.7
AHEAD	32.3
YIELD	26.8
EXIT	18.5
SIGNAL	32.5
SCHOOL	35.5

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

PAVEMENT MARKING LEGEND DETAILS

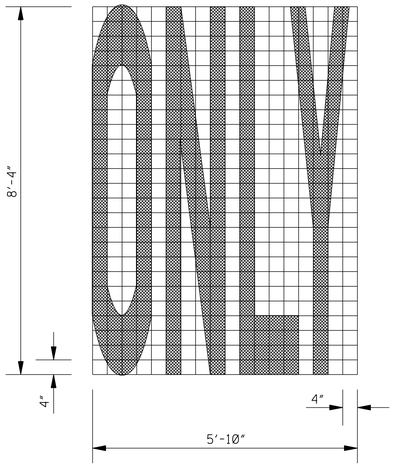
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

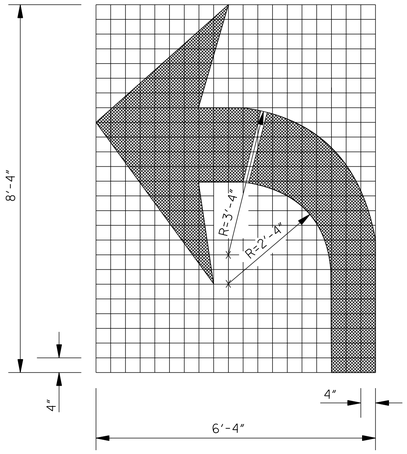
WORKING NUMBER PM-5

ISSUE DATE: AUGUST 01, 2017

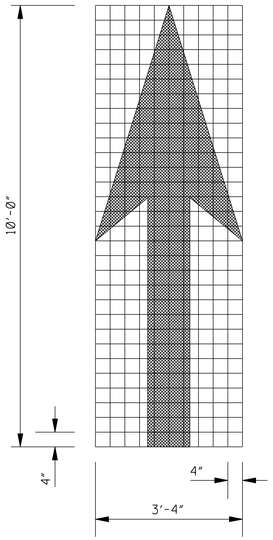
SHEET NUMBER 6055

STATE	PROJECT NO.
MISS.	

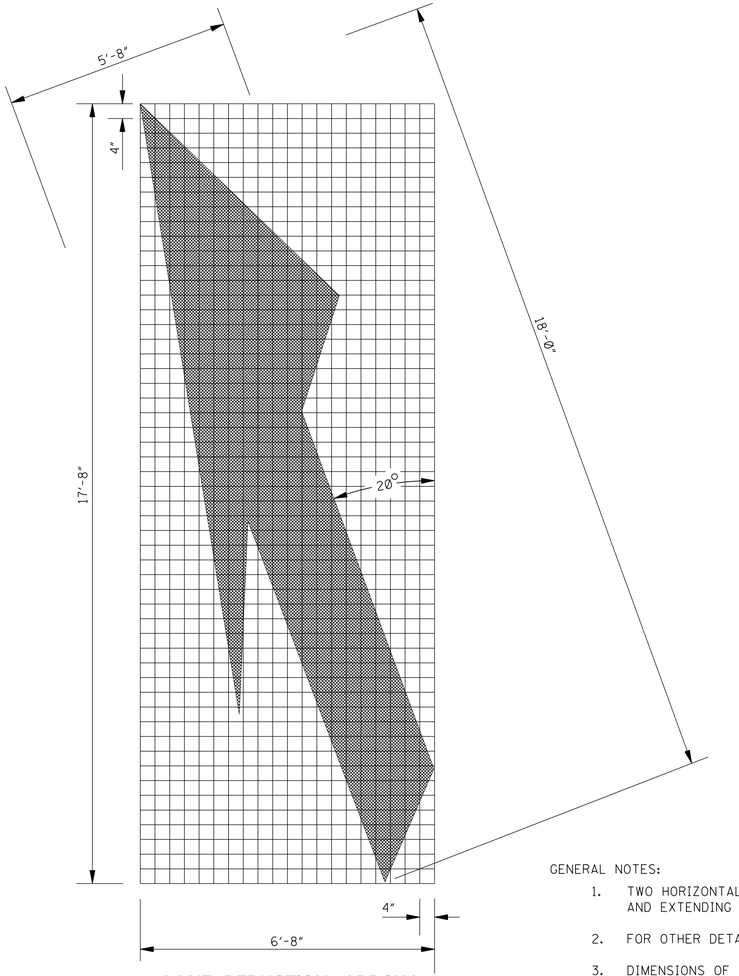




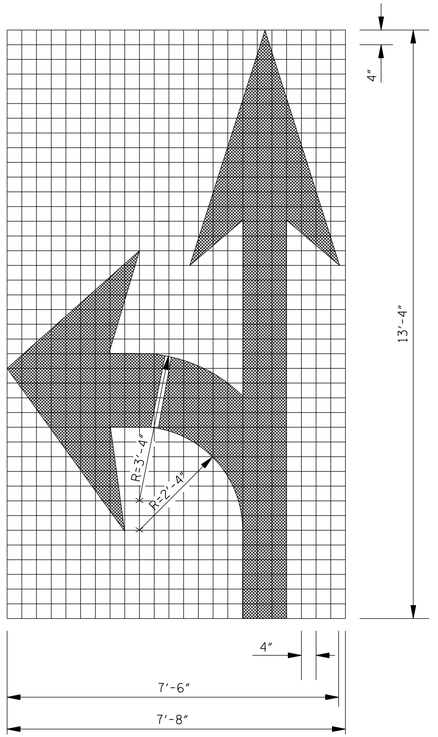
TURN ARROW



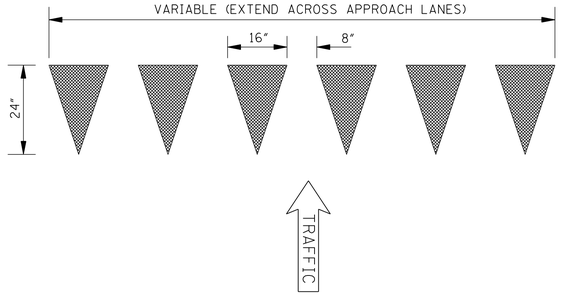
THRU ARROW



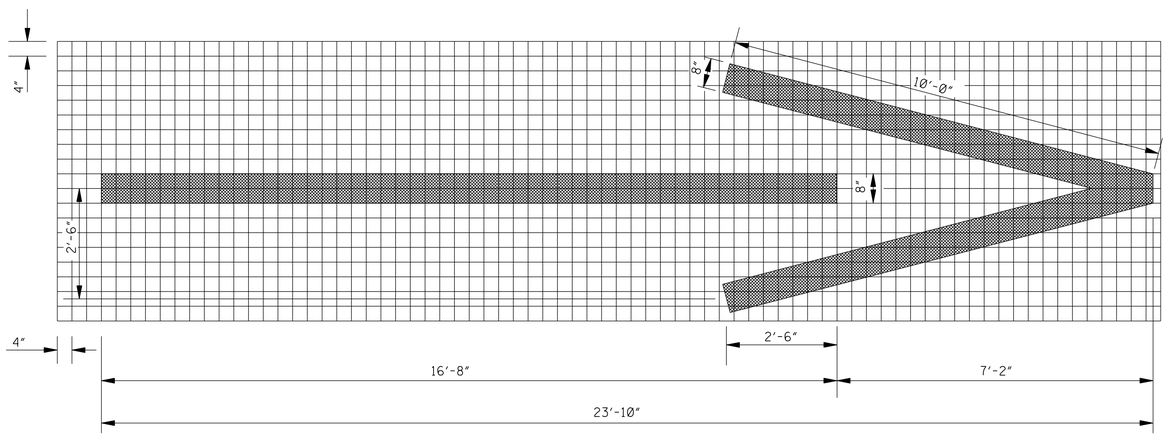
LANE–REDUCTION ARROW



COMBINATION ARROW



YIELD LINE



1–WAY ARROW

GENERAL NOTES:

1. TWO HORIZONTAL GAPS (CAUSED BY TEMPLATE CONNECTORS) OF $1\frac{1}{2}$" OR LESS AND EXTENDING THE FULL WIDTH ARE PERMITTED IN EACH LETTER.
2. FOR OTHER DETAILS, SEE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
3. DIMENSIONS OF THE YIELD LINE MAY VARY WITH APPROVAL OF THE ENGINEER. SEE MUTCD, LATEST EDITION, FOR ALLOWABLE DIMENSIONS.
4. PAY QUANTITIES FOR PAVEMENT MARKING LEGENDS ARE AS FOLLOWS:

PAY QUANTITIES	
LEGEND/SYMBOL	AREA (ft^2)
ONLY	22.0
TURN ARROW	16.4
THRU ARROW	12.3
COMB. ARROW	27.5
1-WAY ARROW	24.3
LANE REDUCTION ARROW	40.0

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

PAVEMENT MARKING LEGEND DETAILS

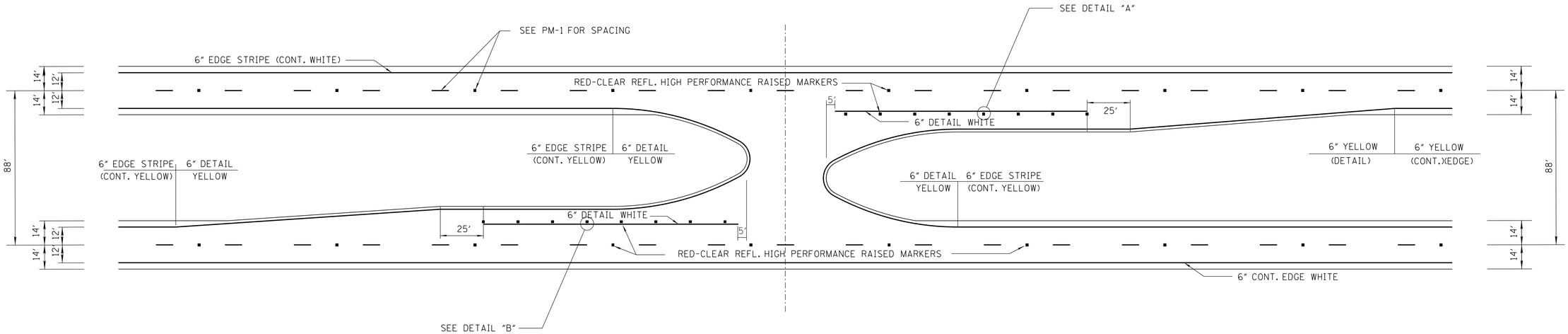
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

WORKING NUMBER PM-6

ISSUE DATE: AUGUST 01, 2017

SHEET NUMBER 6056

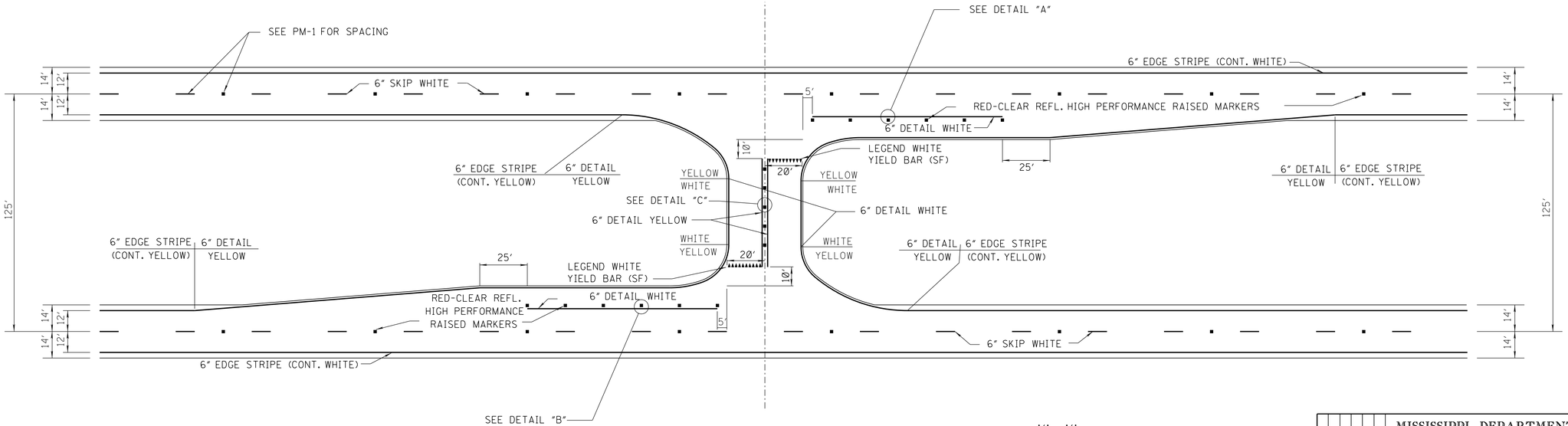
STATE	PROJECT NO.
MISS.	



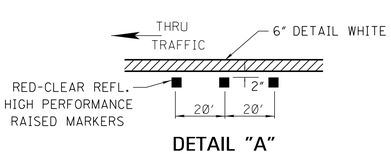
℄ TO ℄ ≤ 88'

NOTE: FOR WIDER ℄ TO ℄ SPACINGS,
REFER TO OTHER SHEETS IN PLANS

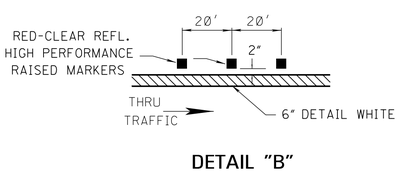
NOTE: SEE PM-6 FOR
YIELD BAR DETAILS



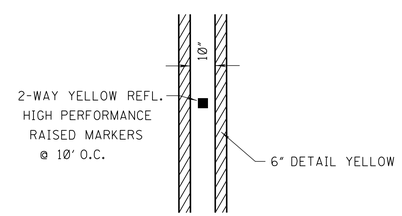
125' ≥ ℄ TO ℄ > 88'



DETAIL "A"



DETAIL "B"



DETAIL "C"

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSOVERS

BY	REVISION	DATE

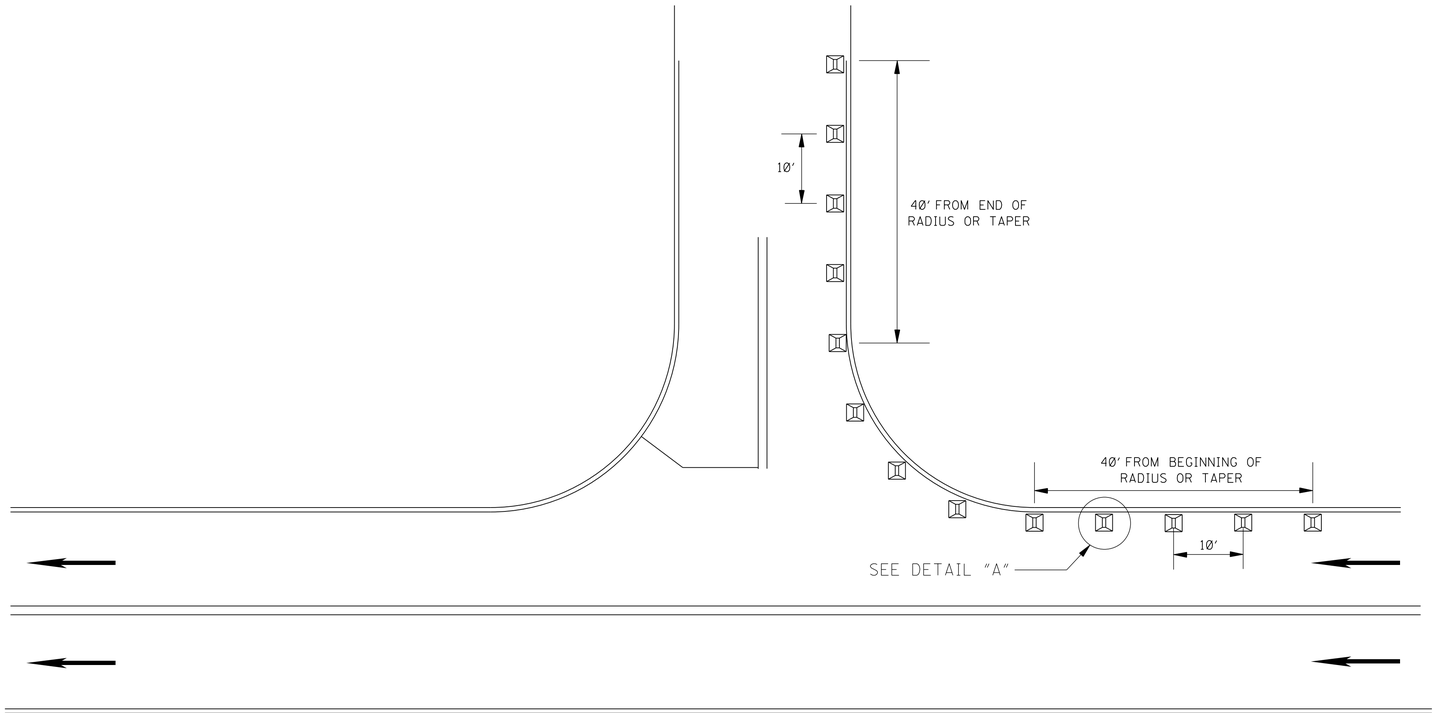
ISSUE DATE: AUGUST 01, 2017

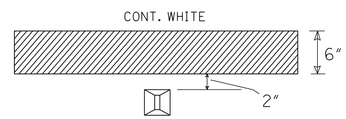
WORKING NUMBER PM-9

SHEET NUMBER 6059

STATE	PROJECT NO.
MISS.	

TYPICAL PLACEMENT OF RAISED PAVEMENT MARKERS ON SIDE ROAD RADIUS 4–LANE, TWO WAY TRAFFIC





DETAIL A

GENERAL NOTES:

1. MARKERS SHALL BE VISIBLE FROM THE TRAVELING MOTORIST ON STATE DESIGNATED HIGHWAYS.
2. MARKERS SHALL BE HIGH PERFORMANCE TWO-WAY CLEAR.
3. MARKERS SHALL NOT BE ROTATED WHEN BEING PLACED ALONG RADIUS AND TANGENT SECTIONS OF LOCAL ROAD.
4. MARKERS SHALL BE INSTALLED AT SIMPLE AND CHANNELIZED INTERSECTIONS TO THE LIMITS SHOWN ABOVE.

→ DIRECTION OF TRAFFIC

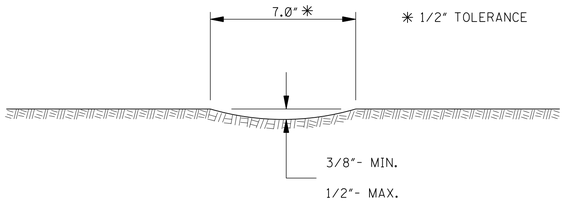
	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
	REVISION	**2–WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (4–LANE)**
	DATE	ISSUE DATE: AUGUST 01, 2017

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

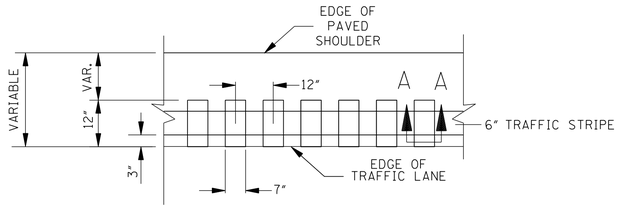
WORKING NUMBER PM-12

SHEET NUMBER 6062

STATE	PROJECT NO.
MISS.	



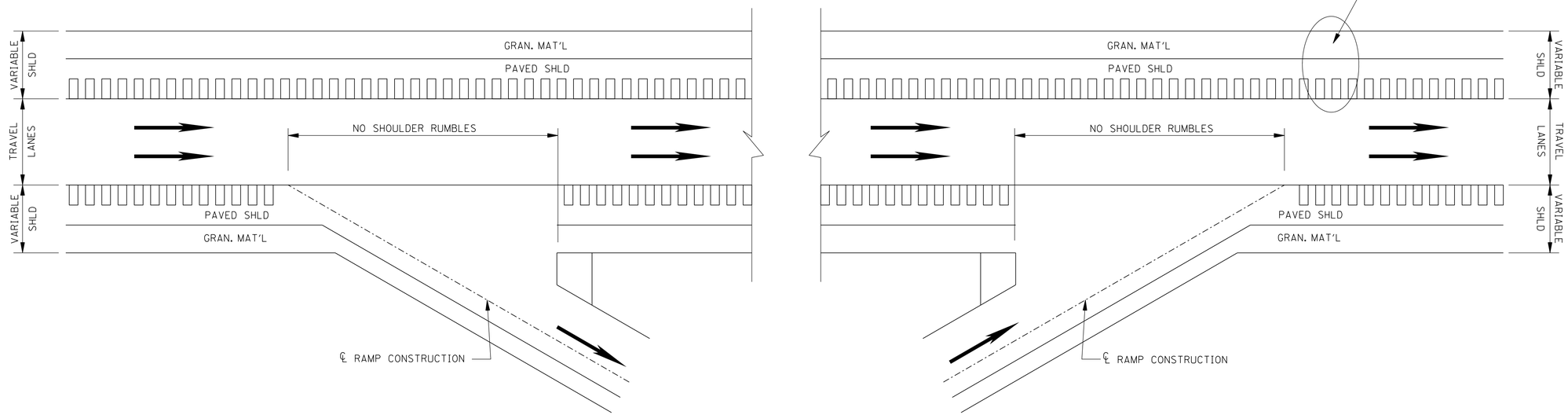
SECTION "A–A"



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 PUBLIC 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:
   - A. MAINLINE
   - B. INTERSECTING ROADWAY IF OVERLAID OR RECONSTRUCTED BEYOND NORMAL MAINLINE R.O.W.
   - C. ANY ROADWAY WITH EXISTING RUMBLE STRIPES PRIOR TO CONSTRUCTION.



PLAN

NOT TO SCALE

DETAILS OF RUMBLE STRIPS

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

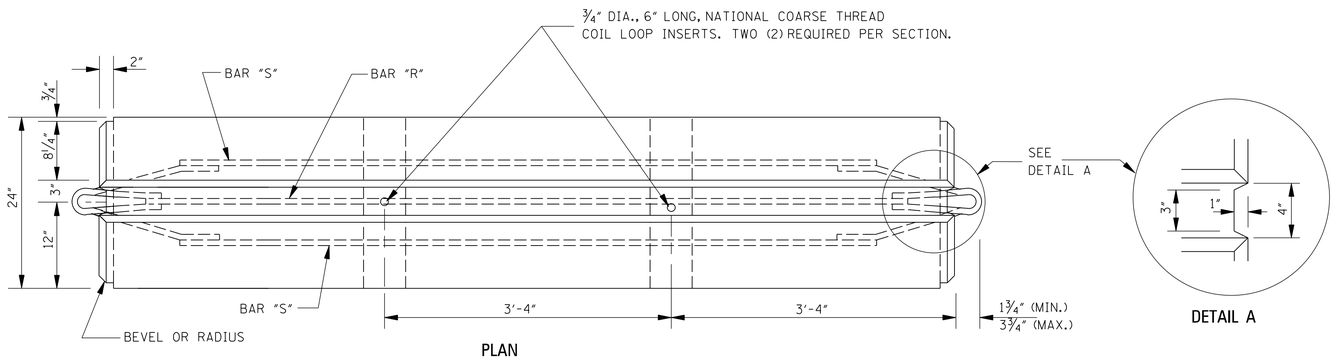
RUMBLE STRIPES 4–LANE HIGHWAYS (ASPHALT LANES, 2–FT OR WIDER ASPHALT SHOULDERS)

WORKING NUMBER RS-2

ISSUE DATE: AUGUST 01, 2017

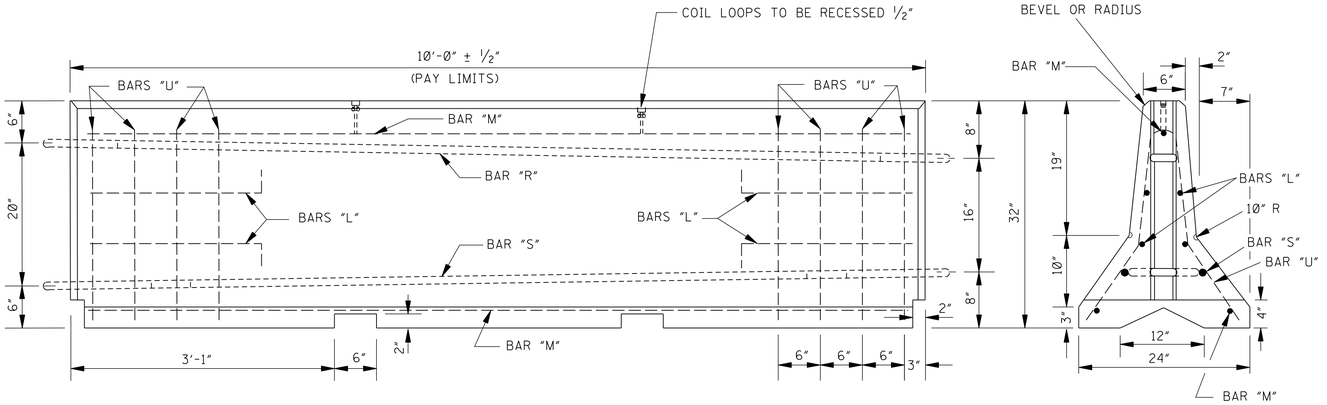
SHEET NUMBER 6065

STATE	PROJECT NO.
MISS.	



PLAN

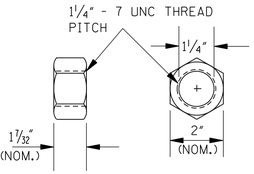
DETAIL A



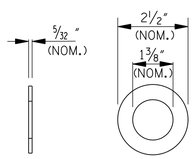
ELEVATION

END

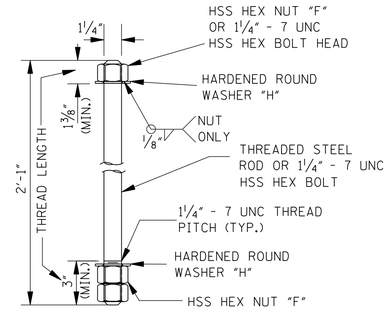
PRECAST CONCRETE MEDIAN BARRIER



HIGH–STRENGTH STRUCTURAL HEX NUT "F"

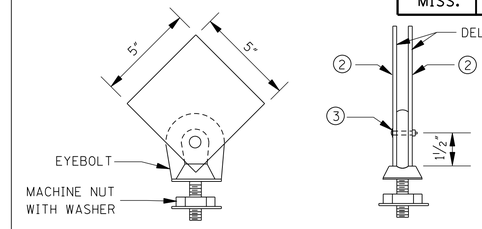


HARDENED ROUND WASHER "H"



ANCHOR STUD CONNECTOR DETAILS

NOTE: ALTERNATE METHODS OF CONNECTING PRECAST BARRIERS, SUCH AS J-HOOKS, MAY BE SUBSTITUTED IF APPROVED BY THE ENGINEER.



DELINEATOR, CONCRETE PRECAST MEDIAN BARRIER, TYPE 1

1. DELINEATORS SHALL BE REQUIRED UNLESS INDICATED OTHERWISE ON THE PLANS. THIS ITEM WILL NOT BE MEASURED SEPARATELY, BUT WILL BE INCLUDED UNDER PAYMENT FOR PRECAST CONCRETE BARRIER.
2. DELINEATORS SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING ON ALUMINUM SHEET, 0.080" THICK, OR SHEET STEEL, 14 GAGE, WHICH IS GALVANIZED.
3. ALUMINUM OR STAINLESS STEEL SLOTTED ROUND HEAD MACHINE SCREW, NO. 10, 1½" LONG, 2-WASHERS AND 1-HEX HEAD NUT (COMMERCIAL QUALITY)
4. THE DELINEATORS SHALL BE INSTALLED FACING TRAFFIC WITH YELLOW ON THE LEFT AND WHITE ON THE RIGHT, UNLESS OTHERWISE SPECIFIED.
5. SPACINGS OF DELINEATORS: TANGENT SECTION - 20'-0". CURVED SECTION - 10'-0".
6. OPTIONAL DELINEATORS, WHICH ARE ON THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION "LIST OF APPROVED MATERIALS", WILL BE ACCEPTED.

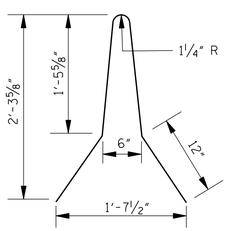
GENERAL NOTES:

1. LIFTING DEVICES AND ATTACHMENTS TO BARRIER SECTIONS SHALL BE AS APPROVED BY THE ENGINEER.
2. PLACE ALL STEEL REINFORCEMENT 2" MINIMUM FROM OUTSIDE FACE OF WALL, EXCEPT AS OTHERWISE SHOWN.
3. THE ANCHOR STUD CONNECTOR SHALL CONFORM TO AASHTO M 314, GRADE 55. THE HSS HEX NUTS AND THE HARDENED ROUND WASHERS SHALL MEET THE REQUIREMENTS OF ASTM A 325.
4. CONCRETE SHALL BE CLASS "B" (CLASS 1 FINISH). REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF AASHTO M 31.
5. STEEL RODS SHALL MEET THE REQUIREMENTS OF ASTM A 36.
6. CONNECTOR RODS, CONNECTOR PINS, NUTS AND WASHERS SHALL BE GALVANIZED MEETING THE REQUIREMENTS OF AASHTO M 111.

APPROXIMATE QUANTITIES FOR 10' BARRIER			
WEIGHT (lbs.)	REINF. STEEL (lbs.)	STEEL RODS (lbs.)	CONCRETE (yd^3)
3875	104	18	0.931

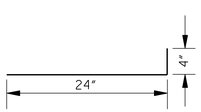
"M", 3 #4 BARS	9'-6"
"R", 1 #6 BARS	9'-0"
"S", 2 #6 BARS	8'-0"

BARS "M", "R" & "S"



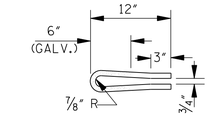
8 #4 BARS, 5'-1" LONG

BARS "U"



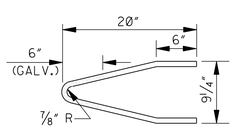
8 #4 BARS, 2'-4" LONG

BARS "L"



2 ¾"-STEEL RODS, 25" LONG

TOP CONNECTOR

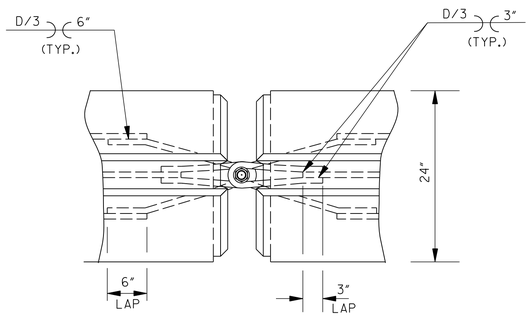


2 ¾"-STEEL RODS, 3'-6" LONG

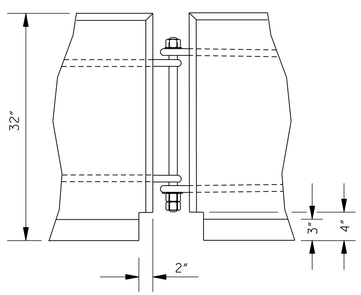
BOTTOM CONNECTOR

BAR AND ROD DETAILS

NOTE: WHERE STEEL ROD GALVANIZATION IS SHOWN ABOVE, GALVANIZE AFTER BENDING.



PLAN



ELEVATION

BARRIER CONNECTION DETAIL

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

CONCRETE MEDIAN BARRIER
(PRECAST) (32")

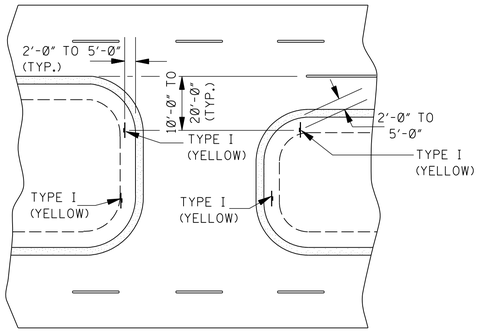
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

WORKING NUMBER CMB-3

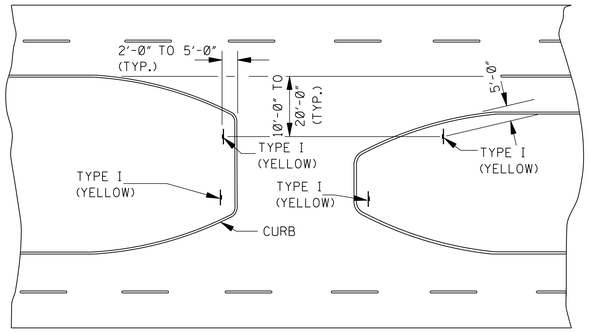
ISSUE DATE: AUGUST 01, 2017

SHEET NUMBER 6226

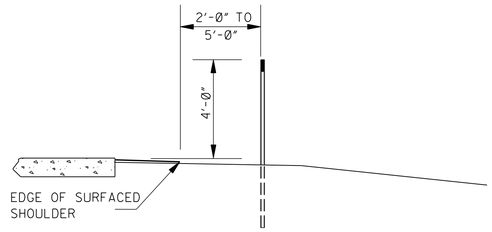
STATE	PROJECT NO.
MISS.	



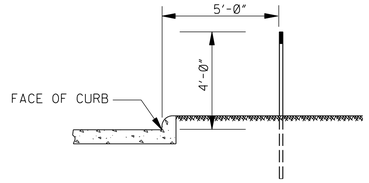
TYPICAL DELINEATION AT A CROSSOVER WITH USABLE SHOULDERS AND A MEDIAN WIDTH OVER 42'–0"



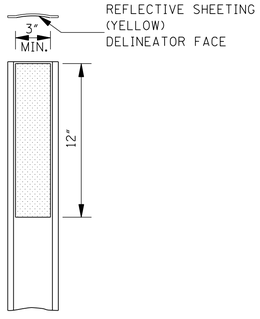
TYPICAL DELINEATION AT A CURBED CROSSOVER WITH A MEDIAN WIDTH OVER 42'–0"



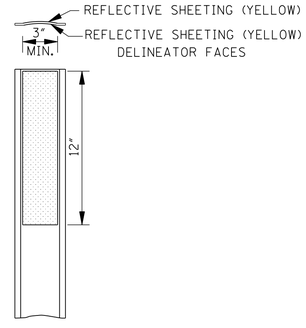
DELINEATOR MOUNTING ON CROSSOVER WITH USABLE SHOULDER



DELINEATOR MOUNTING ON CURBED CROSSOVER

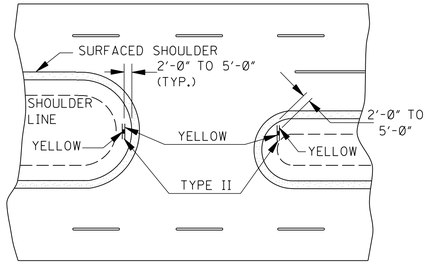


DETAIL OF TYPE I
FLEXIBLE POST DELINEATOR

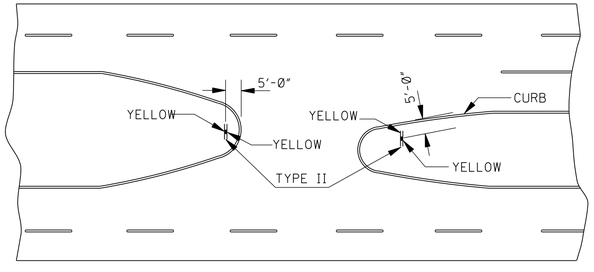


DETAIL OF TYPE II
FLEXIBLE POST DELINEATOR

NOTE: CARSONITE'S CURV-FLEX DELINEATOR POSTS ARE SHOWN. OTHER FLEXIBLE POSTS THAT HAVE BEEN APPROVED FOR LISTING IN THE DEPARTMENT'S "APPROVED SOURCE OF MATERIALS" MAY BE FURNISHED.



TYPICAL DELINEATION AT A CROSSOVER WITH USABLE SHOULDERS AND A MEDIAN WIDTH OF 42'–0" OR LESS



TYPICAL DELINEATION AT A CURBED CROSSOVER WITH A MEDIAN WIDTH OF 42'–0" OR LESS

NOTE: PLACE DELINEATORS NO MORE THAN 20'-0" FROM EDGE OF TRAVEL LANES EDGES.

GENERAL NOTES:

1. THE UNIT PRICE OF DELINEATOR INCLUDES: COST(S) OF DELINEATOR FACE(S), POST, HARDWARE AND INSTALLATION.
2. DELINEATOR FACE WILL BE ENCAPSULATED LENS REFLECTIVE SHEETING.
3. POST REQUIRING THE INSTALLATION OF A BASE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.
4. THE COLOR OF DELINEATORS SHALL BE THE COLOR OF THE ADJACENT EDGELINE PER MUTCD SECTION 3F.03.

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

TYPICAL CROSSOVER DELINEATION

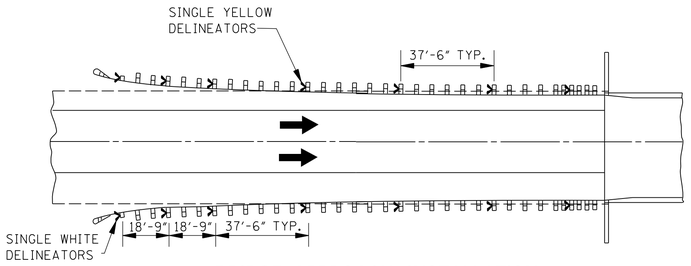
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

WORKING NUMBER
SN-8B

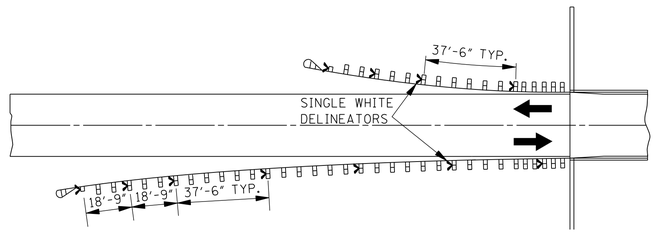
SHEET NUMBER
6316

ISSUE DATE: AUGUST 01, 2017

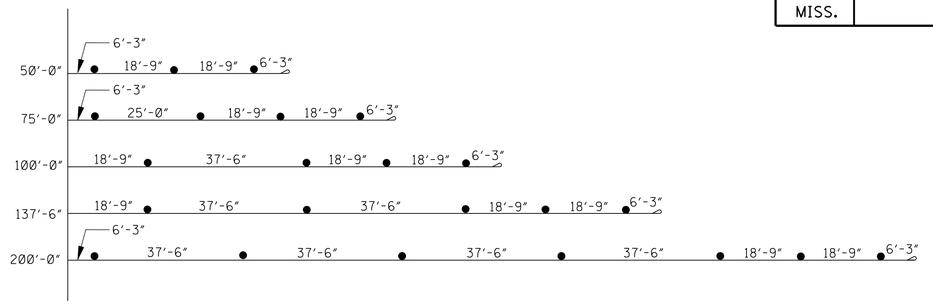
STATE	PROJECT NO.
MISS.	



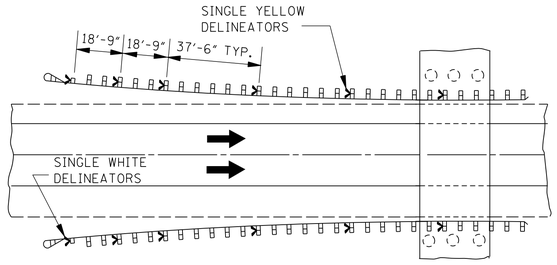
BRIDGE APPROACH INSTALLATION
(ONE–WAY TRAFFIC)



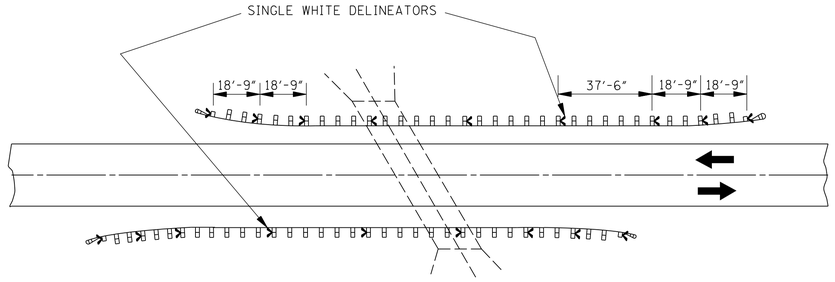
BRIDGE APPROACH INSTALLATION
(TWO–WAY TRAFFIC)



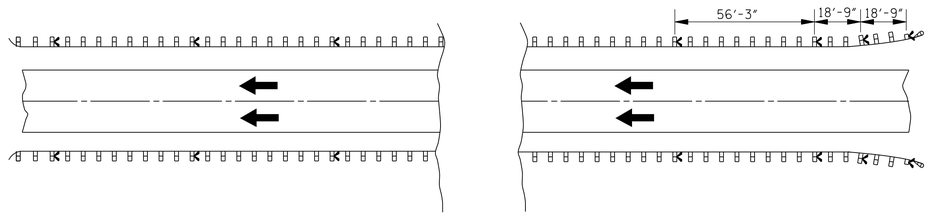
GRAPHIC SHOWING SPACINGS OF GUARDRAIL DELINEATORS
AT SOME COMMONLY USED BRIDGE APPROACHES



ROADSIDE OBSTACLE INSTALLATION–LENGTH 250' OR LESS
(ONE–WAY TRAFFIC)

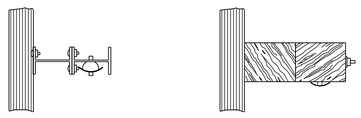


ROADSIDE OBSTACLE INSTALLATION–LENGTH 250' OR LESS
(TWO–WAY TRAFFIC)

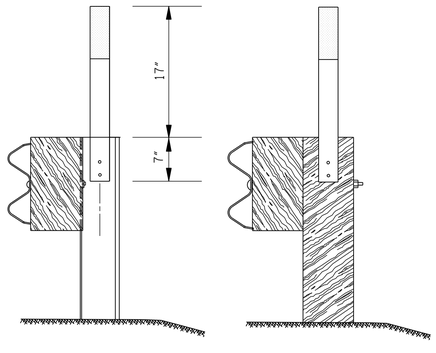


EMBANKMENT OR ROADSIDE OBSTACLE INSTALLATION–LENGTH GREATER THAN 250'
(ONE–WAY TRAFFIC)

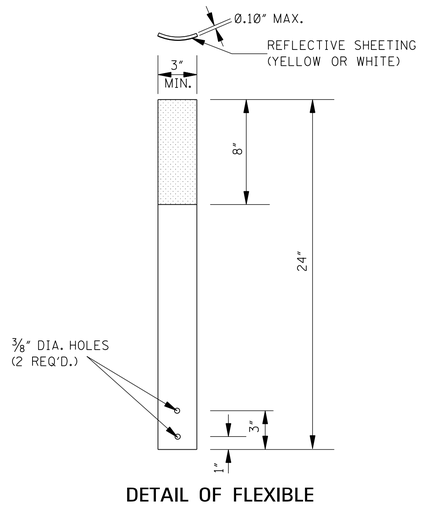
NOTE: ONE-WAY TRAFFIC SHOWN. DELINEATOR SPACING FOR TWO-WAY TRAFFIC SIMILAR. DELINEATOR COLOR WILL BE THE SAME AS THE ADJACENT PAVEMENT EDGE MARKING. THE FIRST THREE (3) MARKERS WILL FACE TRAFFIC IN OFF LANE FOR TWO-WAY TRAFFIC AS SHOWN IN DRAWING FOR OBSTACLE INSTALLATION FOR TWO-WAY TRAFFIC.



PLAN VIEWS



TYPICAL FLEXIBLE POST DELINEATOR
GUARDRAIL INSTALLATION



DETAIL OF FLEXIBLE
GUARDRAIL DELINEATOR

GENERAL NOTES:

1. THE UNIT PRICE OF DELINEATOR INCLUDES: COST(S) OF DELINEATOR FACE(S), POST, HARDWARE AND INSTALLATION.
2. DELINEATOR FACE WILL BE ENCAPSULATED LENS REFLECTIVE SHEETING.
3. DELINEATORS FOR GUARDRAIL SHALL BE MOUNTED ON FLEXIBLE POSTS AS FOLLOWS:

   THE DELINEATOR POSTS WILL BE FROM THE DEPARTMENTS "APPROVED SOURCE OF MATERIALS" AND WILL BE FASTENED TO GUARDRAIL POST IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

TYPICAL GUARDRAIL DELINEATION

MDOT

WORKING NUMBER	SHEET NUMBER
SN-8C	6317

ISSUE DATE: AUGUST 01, 2017

STATE	PROJECT NO.
MISS.	

LEGEND

- FLAGGER
- ● RETROREFLECTIVE FREE-STANDING PLASTIC DRUMS
- ○ TRAFFIC CONES (28" HEIGHT MINIMUM)

GENERAL NOTES:

1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE. FLAGGER STATIONS SHALL BE LOCATED SUCH THAT APPROACHING VEHICLES WILL HAVE SUFFICIENT DISTANCE TO STOP. VALUES IN STOPPING SIGHT DISTANCE COLUMN MAY BE USED AS A MINIMUM FOR THIS DISTANCE.

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

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

2. ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 28" IN HEIGHT.
3. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 36" x 36" AND BLACK COPY ON FLUORESCENT ORANGE SHEETING.
4. WHEN WORK ZONE IS NO LONGER NEEDED, ALL SIGNS SHALL BE COVERED OR REMOVED AND ALL CHANNELIZING DEVICES SHALL BE MOVED TO THE SHOULDER EDGE.
5. ADDITIONAL FLAGGERS MAY BE NEEDED AS DIRECTED BY THE ENGINEER.
6. WHEN WORK IS REQUIRED AT NIGHT, FLAGGER STATIONS SHALL BE ILLUMINATED.
7. CHANNELIZING DEVICE TYPES FOR:
   A. APPROACH AND EXIT TAPERS- RETROREFLECTIVE PLASTIC DRUMS
   B. ALONG LANE LINE AND WORK ZONE- TRAFFIC CONES (28" HEIGHT)
8. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

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

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

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

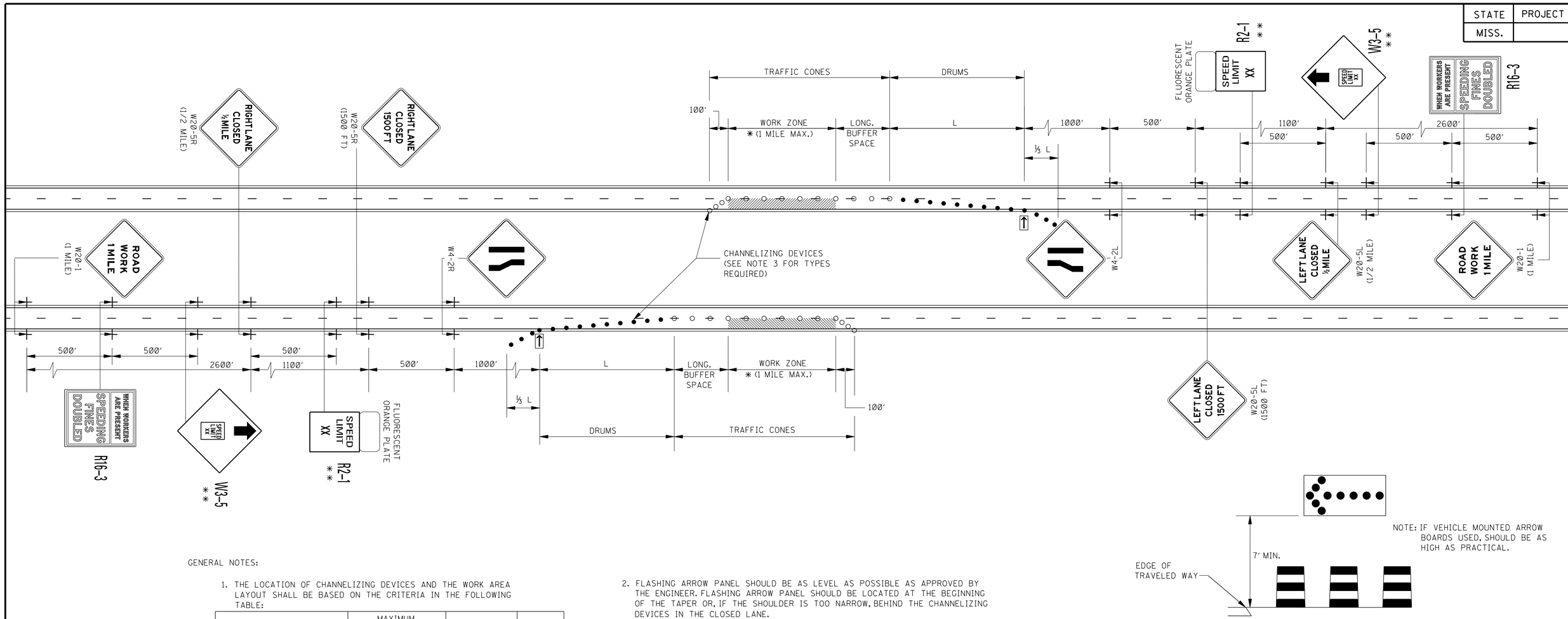
MDOT

WORKING NUMBER
TCP-1

SHEET NUMBER
6351

ISSUE DATE: AUGUST 01, 2017

STATE	PROJECT NO.
MISS.	



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 DEVICE SPACING (ft)		LONGITUDINAL BUFFER SPACE †† (ft)	TAPER RATES †
	TAPER	ALONG LANE LINE & WORK ZONE		
mph				
≤40	40	80	305	27:1
45	45	90	360	45:1
50	50	100	425	50:1
55	55	110	495	55:1
60	60	120	570	60:1
65	65	130	645	65:1
70	70	140	730	70:1

† NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
L = WS FOR SPEEDS OF 45 mph OR GREATER
$L = WS^2/60$ 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

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

2. FLASHING ARROW PANEL SHOULD 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- RETROREFLECTIVE PLASTIC DRUMS
B. ALONG LANE LINE AND WORK ZONE- TRAFFIC CONES (28″ HEIGHT MINIMUM)
C. EXIT TAPER- TRAFFIC CONES (28″ HEIGHT MINIMUM)

4. WHEN WORK ZONE IS NO LONGER NEEDED, 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 ON THE SECOND ZONE BEFORE REMOVING ANY SIGNS, PLASTIC DRUMS OR ARROW BOARD ON THE FIRST ZONE.

6. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHOULD BE A MINIMUM OF 48″ X 48″. AND SHALL BE BLACK COPY ON FLUORESCENT ORANGE SHEETING.

7. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

LEGEND

✳ OR AS SHOWN ELSEWHERE ON THE PLANS.

✳✳ THE SPEED ON R2-1 AND W3-5 SIGNS SHALL BE 10 MPH LESS THAN THE POSTED SPEED LIMIT UNLESS OTHERWISE DIRECTED BY COMMISSION ORDER.

⇒ FLASHING ARROW PANEL (TYPE "C")

● RETROREFLECTIVE FREE-STANDING PLASTIC DRUMS

○ TRAFFIC CONES (28″ HEIGHT MINIMUM)

REVISION	BY	DATE

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 OUTSIDE LANE CLOSURE) (WORK DAY ONLY)

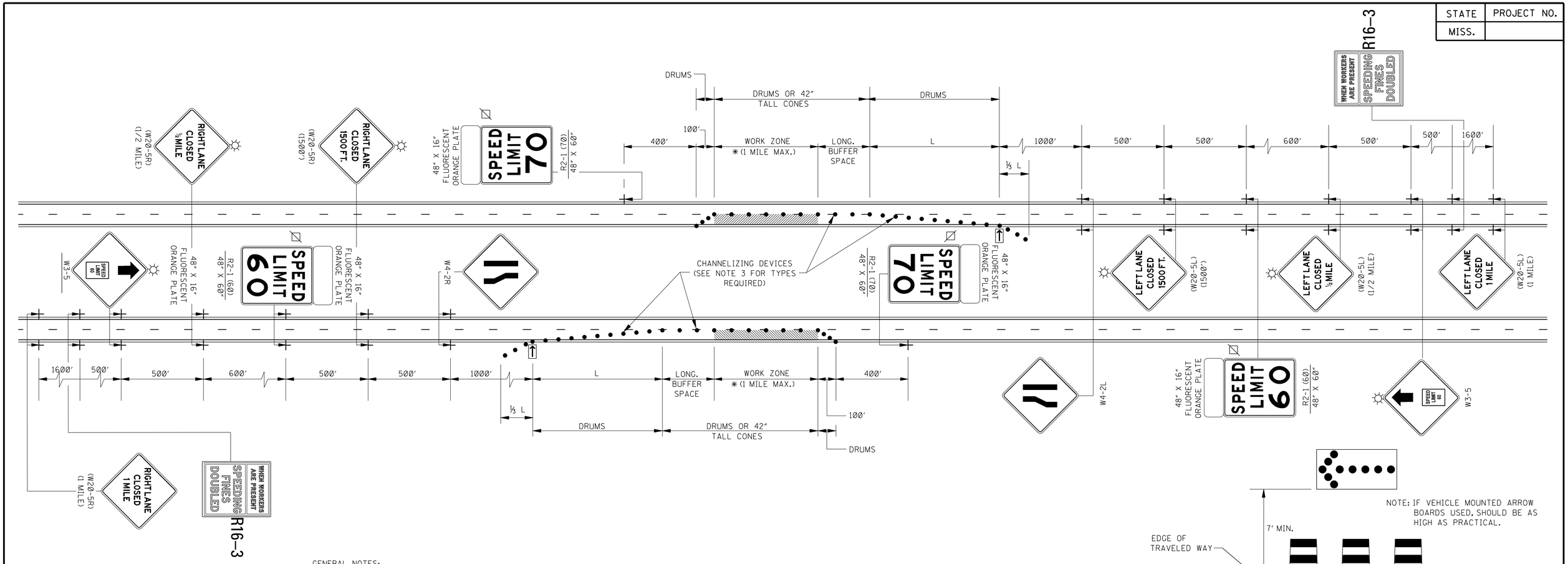
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

WORKING NUMBER TCP-2

ISSUE DATE: AUGUST 01, 2017

SHEET NUMBER 6352

STATE	PROJECT NO.
MISS.	



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 DEVICE SPACING (ft)		†† LONGITUDINAL BUFFER SPACE (ft)	TAPER† RATES
	TAPER	ALONG BUFFER SPACE & WORK ZONE		
mph				
≤40	40	80	305	27:1
45	45	90	360	45:1
50	50	100	425	50:1
55	55	110	495	55:1
60	60	120	570	60:1
65	65	130	645	65:1
70	70	140	730	70:1

† NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
L = WS FOR SPEEDS OF 45 mph OR GREATER
$L = WS^2/60$ 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

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

2. FLASHING ARROW PANEL SHOULD 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 DEVICES:
   A. ALL CHANNELIZING DEVICES IN TAPERS SHALL BE RETROREFLECTIVE FREE STANDING PLASTIC DRUMS.
   B. CHANNELIZING DEVICES IN TANGENTS MAY BE EITHER RETROREFLECTIVE FREE STANDING PLASTIC DRUMS OR 42" TALL CONES.
   C. ALL CHANNELIZING DEVICES SHALL BE RETROREFLECTIVE.
   D. RETROREFLECTORIZATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE M.U.T.C.D.

4. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHOULD BE A MINIMUM OF 48" X 48". AND SHALL BE BLACK COPY ON FLUORESCENT ORANGE SHEETING.

5. 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.

6. ADDITIONAL REDUCED REGULATORY SPEED LIMIT SIGNS ARE REQUIRED AT EACH ENTRANCE RAMP WITHIN THE SPEED ZONE. TWO (2) WILL BE REQUIRED FOR EACH RAMP AND LOCATION WILL BE DETERMINED BY THE ENGINEER.

7. 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.

8. 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.

9. A FLUORESCENT ORANGE PLATE IS REQUIRED WITH ALL REGULATORY SPEED LIMIT SIGNS REQUIRED FOR LANE CLOSURE.

10. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

LEGEND

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

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH

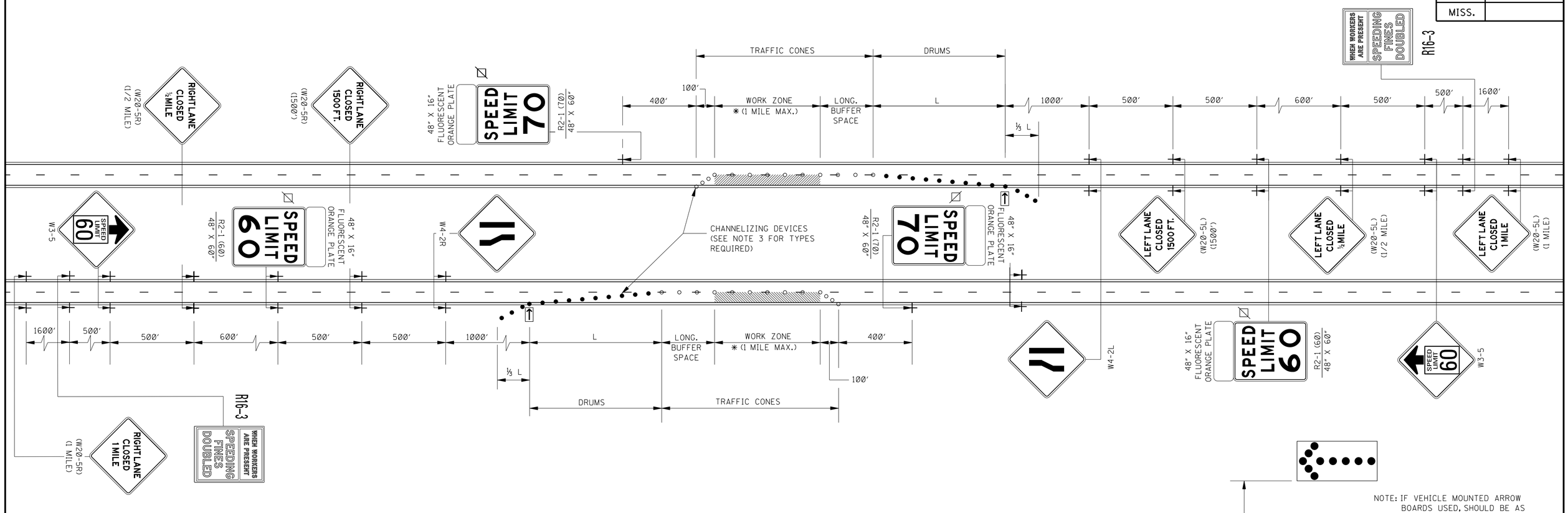
(INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)

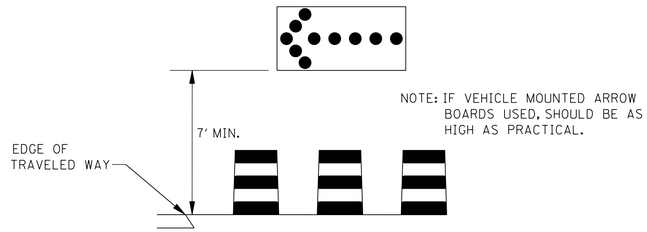
ISSUE DATE: AUGUST 01, 2017

WORKING NUMBER TCP-4

SHEET NUMBER 6354

STATE	PROJECT NO.
MISS.	





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 DEVICE SPACING (ft)		†† LONGITUDINAL BUFFER SPACE (ft)	TAPER† RATES
	TAPER	ALONG LANE LINE & WORK ZONE		
mph				
≤40	40	80	305	27:1
45	45	90	360	45:1
50	50	100	425	50:1
55	55	110	495	55:1
60	60	120	570	60:1
65	65	130	645	65:1
70	70	140	730	70:1

† NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
L = WS FOR SPEEDS OF 45 mph OR GREATER
L = $WS^2/60$ 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

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

2. FLASHING ARROW PANEL SHOULD 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- RETROREFLECTIVE PLASTIC DRUMS
   B. ALONG LANE LINE AND WORK ZONE- TRAFFIC CONES (28" HEIGHT MINIMUM)
   C. EXIT TAPER- TRAFFIC CONES (28" HEIGHT MINIMUM)

4. WHEN WORK ZONE IS NO LONGER NEEDED, 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 AND REGULATORY SIGNS, PLASTIC DRUMS, AND ARROW BOARD. WHEN THE CONSTRUCTION ZONE IS MOVED AHEAD, ALL SIGNS, PLASTIC DRUMS AND ARROW BOARD SHALL BE IN PLACE ON THE SECOND ZONE BEFORE REMOVING ANY SIGNS, PLASTIC DRUMS OR ARROW BOARD ON THE FIRST ZONE.

6. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHOULD BE A MINIMUM OF 48" X 48". AND SHALL BE BLACK COPY ON FLUORESCENT ORANGE SHEETING.

7. 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.

8. ADDITIONAL REDUCED REGULATORY SPEED LIMIT SIGNS ARE REQUIRED AT EACH ENTRANCE RAMP WITHIN THE SPEED ZONE. TWO (2) WILL BE REQUIRED FOR EACH RAMP AND LOCATION WILL BE DETERMINED BY THE ENGINEER.

9. 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.

10. 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.

11. A FLUORESCENT ORANGE PLATE IS REQUIRED WITH ALL REGULATORY SPEED LIMIT SIGNS AND "REDUCED SPEED AHEAD" SIGNS REQUIRED FOR LANE CLOSURE.

12. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

LEGEND

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

BY	REVISION	DATE

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)

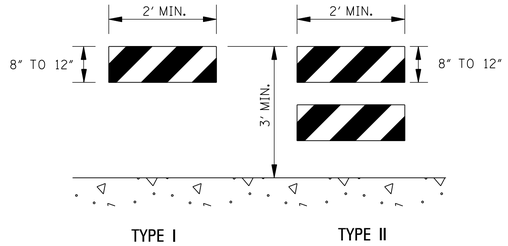
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

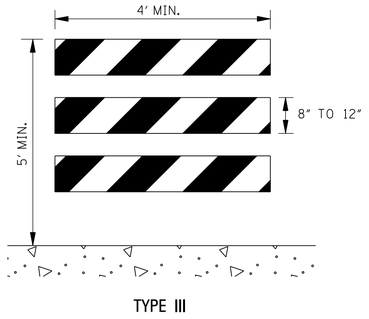
WORKING NUMBER TCP-5

ISSUE DATE: AUGUST 01, 2017

SHEET NUMBER 6355

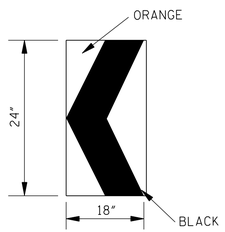
STATE	PROJECT NO.
MISS.	





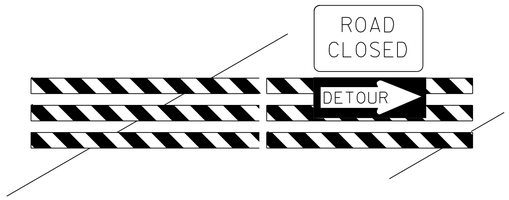
STANDARD BARRICADES

1. THE MARKING FOR BARRICADE RAILS SHALL BE ORANGE AND WHITE (SLOPING DOWNWARD AT AN ANGLE OF 45° IN THE DIRECTION TRAFFIC IS TO PASS).
2. RAIL STRIPE SHOULD BE 6 INCHES, EXCEPT THAT 4-INCH WIDE STRIPES MAY BE USED IF RAIL LENGTHS ARE LESS THAN 36 INCHES.
3. DO NOT PLACE SANDBAGS OR OTHER DEVICES TO PROVIDE MASS ON THE BOTTOM RAIL THAT WILL BLOCK VIEW OR RAIL FACE.
4. FOR ADDITIONAL INFORMATION OR DETAILS, SEE MUTCD, LATEST EDITION.
5. BARRICADES ARE CLASSIFIED BY FHWA AS CATEGORY II WORK ZONE DEVICES WHICH REQUIRE CRASHWORTHINESS ACCEPTANCE LETTERS. TO DATE, 2-IN. THICK TIMBER RAILS HAVE NOT BEEN SUCCESSFULLY CRASH TESTED. A LIST OF CRASHWORTHY BARRICADES AND OTHER CATAGORY II DEVICES CAN BE FOUND ON FHWA'S WEBSITE: http://safety.fhwa.dot.gov/roadway_dept/policy.guide/road_hardware/cat2.cfm



CHEVRON SIGN DETAIL

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



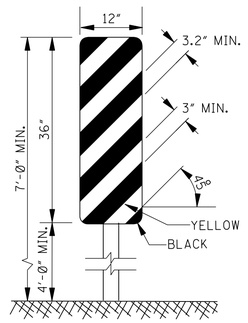
BARRICADE CLOSING A ROAD

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	36" MIN.	36" MIN.	60" MIN.
NUMBER OF RETROREFLECTORIZED RAIL FACES	2 (ONE EACH DIRECTION)	4 (TWO EACH DIRECTION)	3 IF FACING TRAFFIC IN ONE DIRECTION 6 IF FACING TRAFFIC IN TWO DIRECTIONS

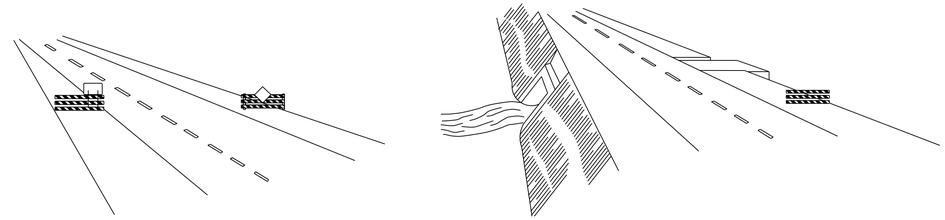
* 1. FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED.

** 2. BARRICADES INTENDED FOR USE ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH SPEED ROADWAYS, SHALL HAVE A MINIMUM OF 270 in^2 OF REFLECTIVE AREA FACING TRAFFIC.



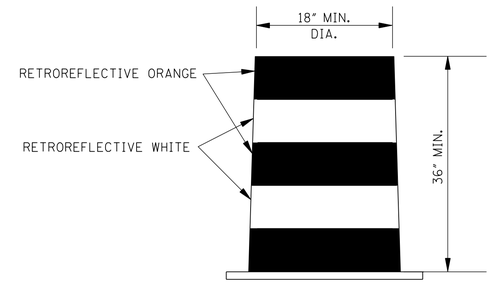
TYPE 3 OBJECT MARKER (OM-3R)

1. TYPE 3 OBJECT MARKERS SHALL BE USED AT ALL EXPOSED BRIDGE ABUTMENTS AND AT OTHER LOCATIONS AS DEEMED NECESSARY BY THE ENGINEER.
2. THE OM-3R IS SHOWN. THE OM-3L 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.
3. THE INSIDE EDGE OF THE MARKER SHALL BE IN LINE WITH THE INNER EDGE OF THE OBSTRUCTION.



WING BARRICADES

1. WING BARRICADES ARE TYPE III 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.
2. WING BARRICADES SHOULD BE USED:
   A. IN ADVANCE OF A CONSTRUCTION PROJECT EVEN WHEN NO PART OF THE ROADWAY IS ACTUALLY CLOSED.
   B. IN ADVANCE OF ALL BRIDGE OR CULVERT WIDENING OPERATIONS.



PLASTIC DRUM STRIPING DETAIL

1. 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 MARKING STANDARDS FOR BARRICADE. THE PREDOMINANT COLOR ON DRUMS SHALL BE ORANGE WITH FOUR (4) RETROREFLECTIVE, HORIZONTAL, CIRCUMFERENTIAL STRIPES (2 ORANGE & 2 WHITE) 6" WIDE.
2. DRUMS SHOULD NEVER BE PLACED IN THE ROADWAY WITHOUT WARNING SIGNS.
3. WHERE PRACTICAL PLASTIC DRUMS SHOULD BE PLACED NO CLOSER THAN 3'-0" FROM THE EDGE OF TRAVELED LANE.

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS

ISSUE DATE: AUGUST 01, 2017

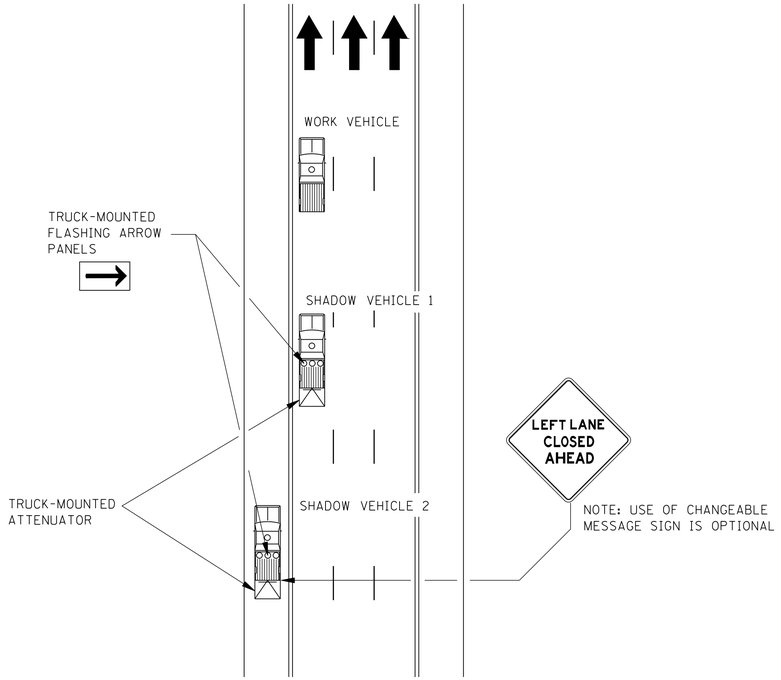
MDOT

WORKING NUMBER
TCP-8

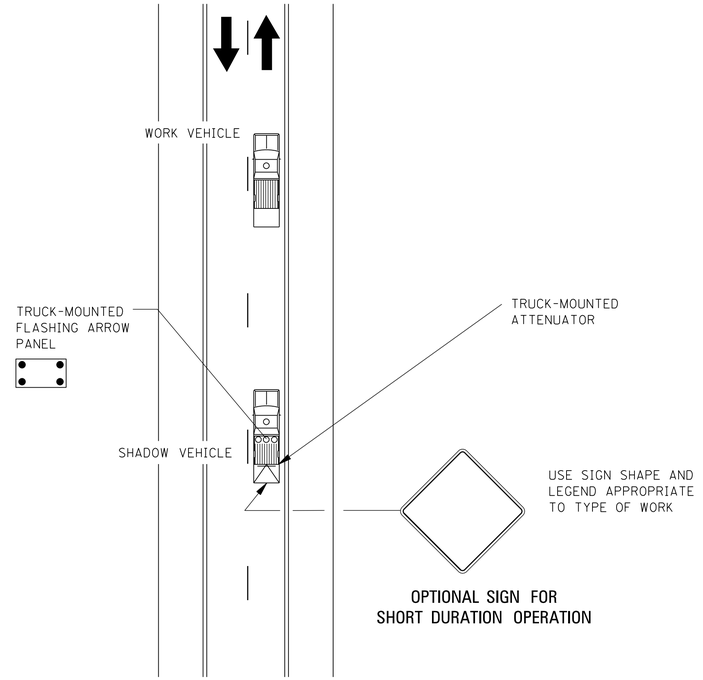
SHEET NUMBER
6358

STATE	PROJECT NO.
MISS.	

MOBILE OPERATIONS ON MULTILANE ROAD



MOBILE OPERATIONS ON TWO–LANE ROAD



MOBILE OPERATIONS ON MULTILANE ROAD

NOTES FOR MULTILANE LANE OPERATION:

1. VEHICLES USED FOR THESE OPERATIONS SHOULD BE MADE HIGHLY VISIBLE WITH APPROPRIATE EQUIPMENT, SUCH AS FLASHING LIGHTS, ROTATING BEACONS, FLAGS, SIGNS, OR ARROW PANELS.
2. SHADOW VEHICLE 2 SHOULD BE EQUIPPED WITH AN ARROW PANEL AND TRUCK MOUNTED ATTENUATOR (TMA). AN APPROPRIATE LANE CLOSURE SIGN SHOULD BE PLACED ON SHADOW VEHICLE 2 SO AS NOT TO OBSCURE THE ARROW PANEL.
3. SHADOW VEHICLE 1 SHOULD BE EQUIPPED WITH AN ARROW PANEL AND TRUCK-MOUNTED ATTENUATOR (TMA).
4. SHADOW VEHICLE 2 SHOULD TRAVEL AT A VARYING DISTANCE FROM THE WORK OPERATION SO AS TO PROVIDE ADEQUATE SIGHT DISTANCE FOR TRAFFIC APPROACHING FROM THE REAR.
5. WHEN ADEQUATE SHOULDER WIDTH IS NOT AVAILABLE, SHADOW VEHICLE 2 SHOULD BE ELIMINATED.
6. ON HIGH-SPEED ROADWAYS, A THIRD SHADOW VEHICLE SHOULD BE USED (i.e., VEHICLE 3 ON THE SHOULDER (IF PRACTICAL), VEHICLE 2 IN THE CLOSED LANE, AND VEHICLE 1 IN THE CLOSED LANE).
7. ARROW PANELS SHALL BE AS A MINIMUM TYPE B, 60" X 30" IN ACCORDANCE WITH THE CRITERIA PRESENTED IN THE MUTCD.
8. WORK SHOULD NORMALLY BE DONE DURING OFF-PEAK HOURS.
9. VEHICLE-MOUNTED SIGNS SHOULD BE MOUNTED WITH THE BOTTOM OF THE SIGN LOCATED AT A MINIMUM HEIGHT OF 48" ABOVE THE PAVEMENT AND SHALL NOT BE OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
10. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

MOBILE OPERATIONS ON TWO–LANE ROAD

NOTES FOR TWO-LANE OPERATION:

1. WHERE PRACTICAL AND WHEN NEEDED, THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS. 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.
2. THE DISTANCE BETWEEN THE WORK AND SHADOW VEHICLES MAY VARY ACCORDING TO TERRAIN, PAINT DRYING TIME, AND OTHER FACTORS. SHADOW VEHICLES ARE USED TO WARN TRAFFIC OF THE OPERATION AHEAD. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, THE SHADOW VEHICLE SHOULD MAINTAIN THE MINIMUM DISTANCE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. THE SHADOW VEHICLE SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.
3. ADDITIONAL SHADOW VEHICLES TO WARN AND REDUCE THE SPEED OF ONCOMING OR OPPOSING TRAFFIC MAY BE USED. POLICE PATROL CARS MAY BE USED FOR THIS PURPOSE.
4. A TRUCK-MOUNTED ATTENUATOR (TMA) SHOULD BE USED ON THE SHADOW VEHICLE AND MAY BE USED ON THE WORK VEHICLE.
5. THE WORK VEHICLE SHALL BE EQUIPPED WITH BEACONS, AND THE SHADOW VEHICLES SHALL BE EQUIPPED WITH TWO HIGH-INTENSITY FLASHING LIGHTS MOUNTED ON THE REAR, ADJACENT TO THE SIGN. SHADOW AND WORK VEHICLES SHALL DISPLAY FLASHING OR ROTATING BEACONS BOTH FORWARD AND TO THE REAR.
6. VEHICLE-MOUNTED SIGNS SHOULD BE MOUNTED WITH THE BOTTOM OF THE SIGN LOCATED AT A MINIMUM HEIGHT OF 48" ABOVE THE PAVEMENT AND SHALL NOT BE OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
7. ARROW BOARD TO BE USED IN CAUTION MODE.
8. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

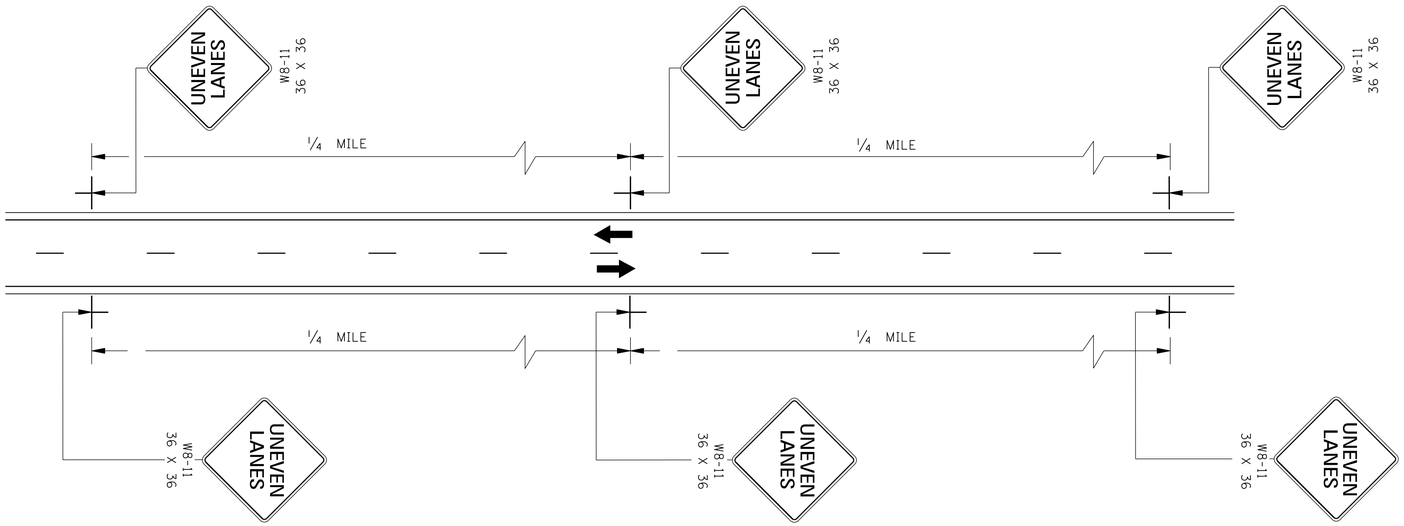
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO–LANE ROADS

ISSUE DATE: AUGUST 01, 2017

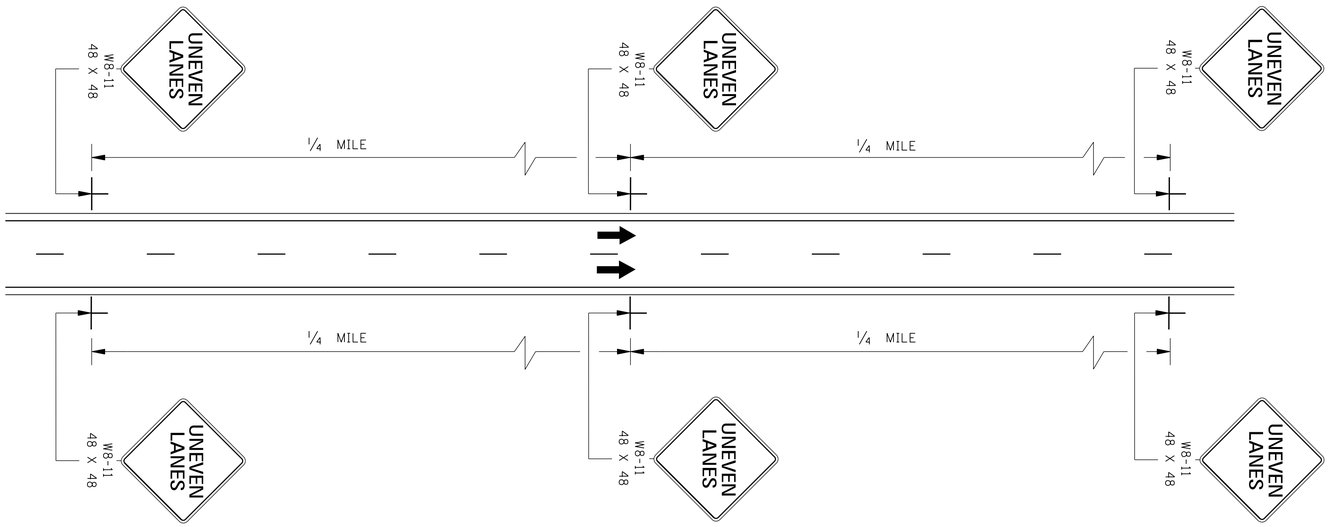
WORKING NUMBER
TCP-9

SHEET NUMBER
6359

STATE	PROJECT NO.
MISS.	



TWO–WAY TRAFFIC



ONE–WAY TRAFFIC

GENERAL NOTES:

1. UNEVEN LANE LINE:
   A. IF LESS THAN OR EQUAL TO 1½", NO SIGNS REQUIRED.
   B. IF GREATER THAN 1½" AND LESS THAN OR EQUAL TO 2¼", PLACE SIGNS AS SHOWN ON THIS SHEET.
   C. IF GREATER THAN 2¼", TRAFFIC SHOULD NOT BE ALLOWED TO CROSS UNEVEN LANE LINE.
2. THE W8-11 SIGNS SHOULD BE SPACED AT ¼-MILE INTERVALS THROUGHOUT UNEVEN LANE LINE LIMITS.
3. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

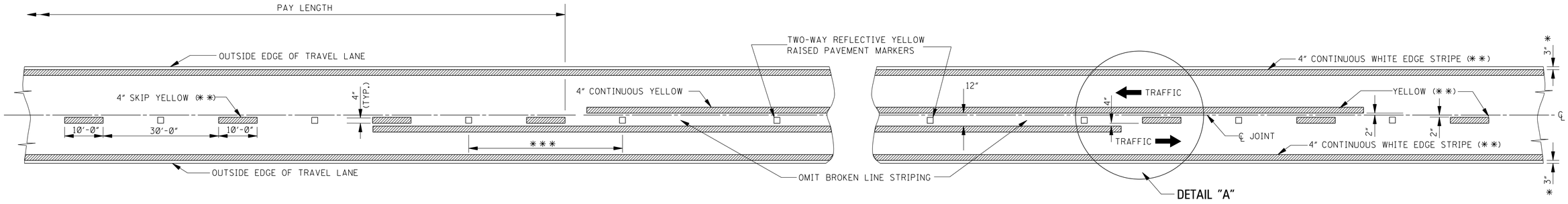
TRAFFIC CONTROL PLANS
UNEVEN PAVEMENT DETAILS

ISSUE DATE: AUGUST 01, 2017

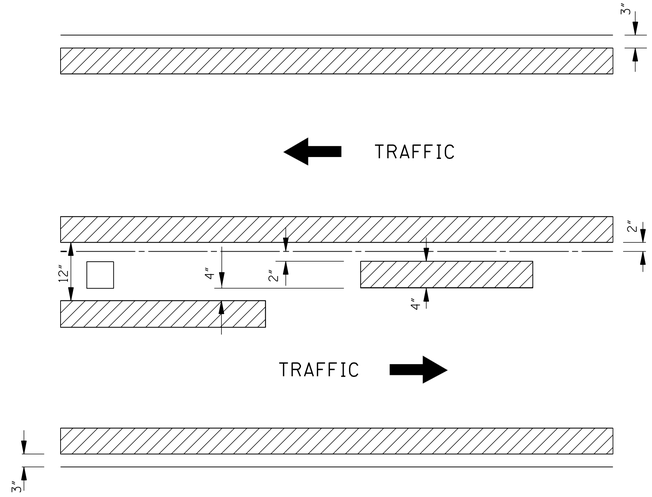
WORKING NUMBER
TCP-12

SHEET NUMBER
6362

STATE	PROJECT NO.
MISS.	



TWO–WAY TRAFFIC
(ASPHALT OR CONCRETE PAVEMENT)



DETAIL "A"

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).

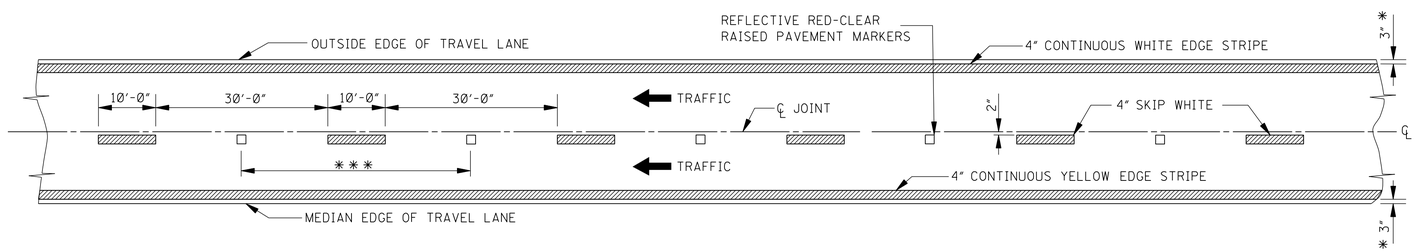
3. REFLECTIVE RAISED PAVEMENT MARKERS TO BE USED IF TEMPORARY MARKINGS ARE TO REMAIN IN PLACE OVER 3 MONTHS

*** 4. SPACING OF REFLECTIVE RAISED PAVEMENT MARKERS IS AS FOLLOWS:

	URBAN AREA (ft-in)	RURAL AREA (ft-in)
TANGENT SECTIONS	40'-0"	80'-0"
HORIZONTAL CURVES	40'-0"	40'-0"
INTERCHANGE LIMITS	40'-0"	† 40'-0"

† 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 TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.

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



4–LANE WITH ONE–WAY TRAFFIC

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

TEMPORARY STRIPING FOR TRAFFIC CONTROL 2–LANE AND 4–LANE DIVIDED HIGHWAYS

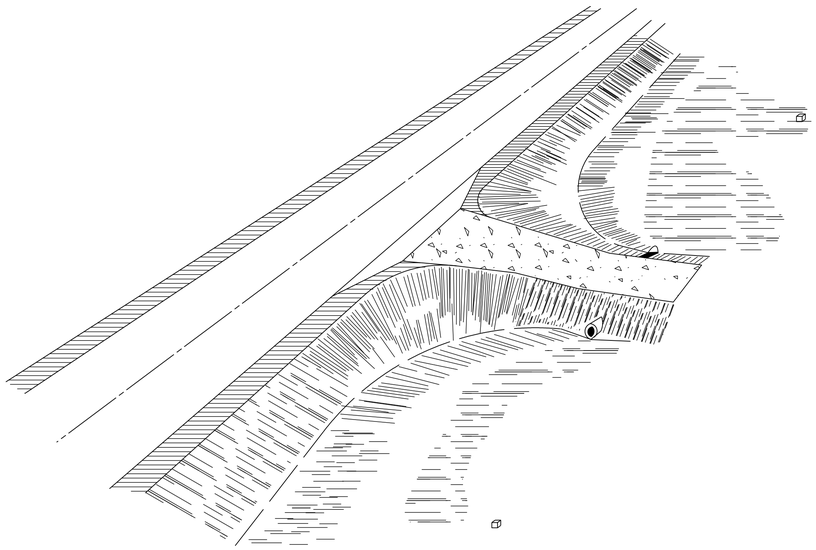
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

WORKING NUMBER TCP-13

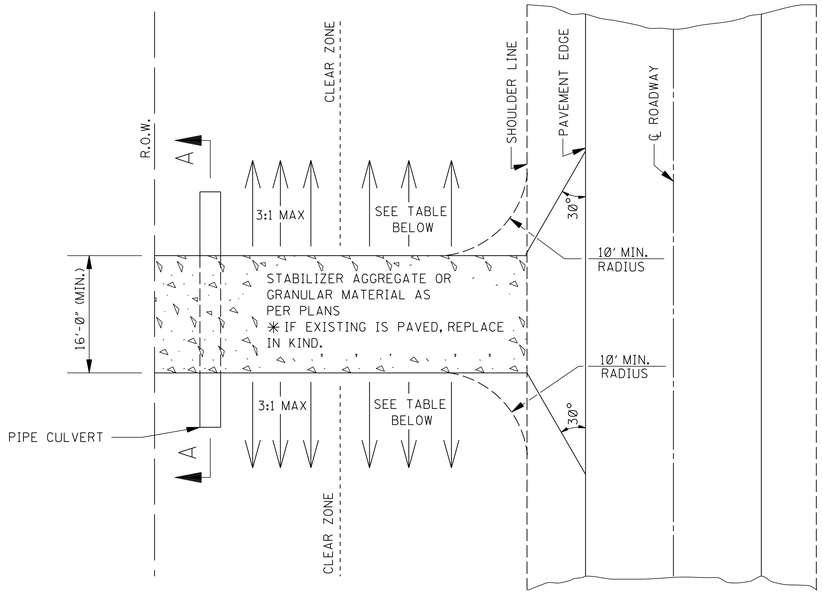
ISSUE DATE: AUGUST 01, 2017

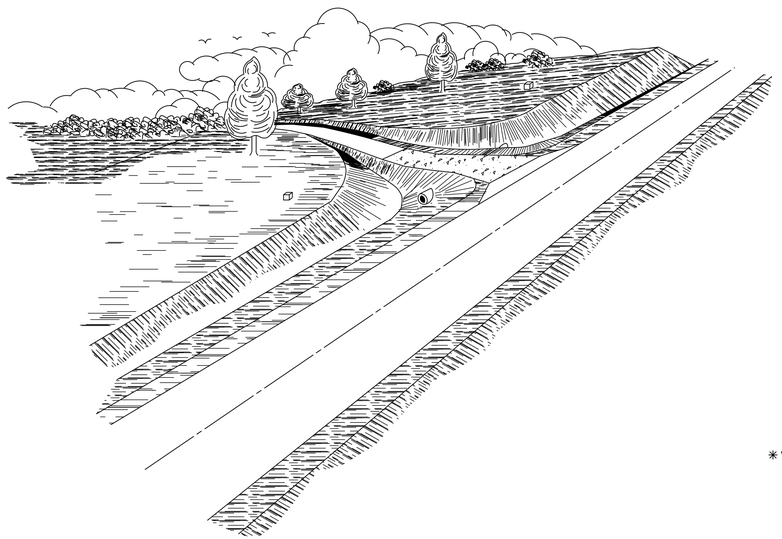
SHEET NUMBER 6363

STATE	PROJECT NO.
MISS.	

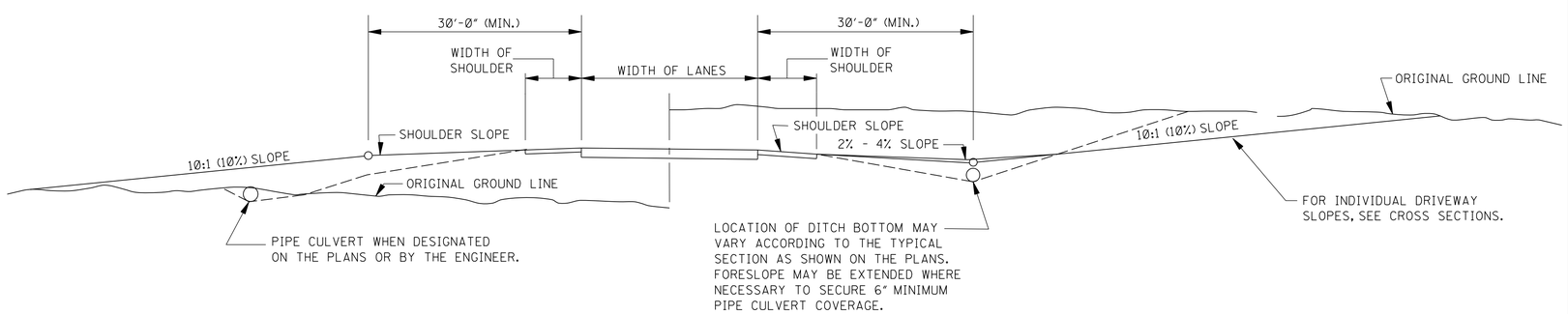


RAMP IN FILL SECTION

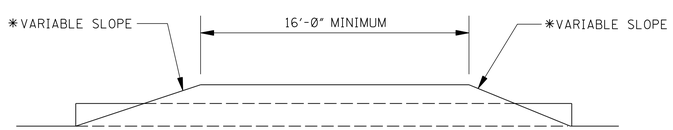




RAMP IN CUT SECTION



TYPICAL SECTION AT RAMP



SECTION A–A

* DRIVEWAY SIDE SLOPES

WITHIN CLEAR ZONE	V ≥ 50 mph - DES. 10:1 MAX 6:1 V ≤ 45 mph - MAX. 3:1
OUTSIDE CLEAR ZONE	MAXIMUM - 3:1

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

RURAL DRIVEWAYS

WORKING NUMBER
RD-1

ISSUE DATE: AUGUST 01, 2017

SHEET NUMBER
6403