

Appendix A:

Sample Set of Plans for I-44 and MO-13
(Springfield)

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

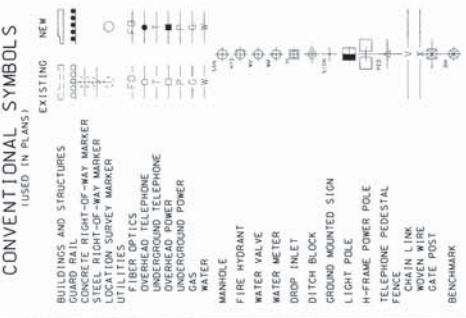
GREENE COUNTY INTERCHANGE IMPROVEMENTS

FINAL PLANS

DESIGN DESIGNATION
 A.A.O.T. - 2010 = 39-500
 A.A.O.T. - 2020 = 45-040
 D.H.V. = 5%
 T = 15%
 V = 40 M.P.H.
 D = 64%
 FUNCTIONAL CLASSIFICATION = MAJOR

PARTIAL CONTROLLED ACCESS HIGHWAY

THIS PLAN SHOWS THE CONTROLLED ACCESS HIGHWAY. EGRESS SHALL BE AT POINTS AND COMPENSATE SIGHT TRIANGLE. SHOWING THESE PLANS, NO RIGHTS IN OR TO THE RIGHT-OF-WAY SHALL BE ATTACHED TO ANY PROPERTY. THESE RIGHTS SHALL BE THE PROPERTY OF THE STATE OF MISSOURI. THE LOCATION OF SUCH ADJOINING PROPERTY RIGHTS OF-WAY LINE, SHOWN BELOW IS SHOWN ON THE



NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

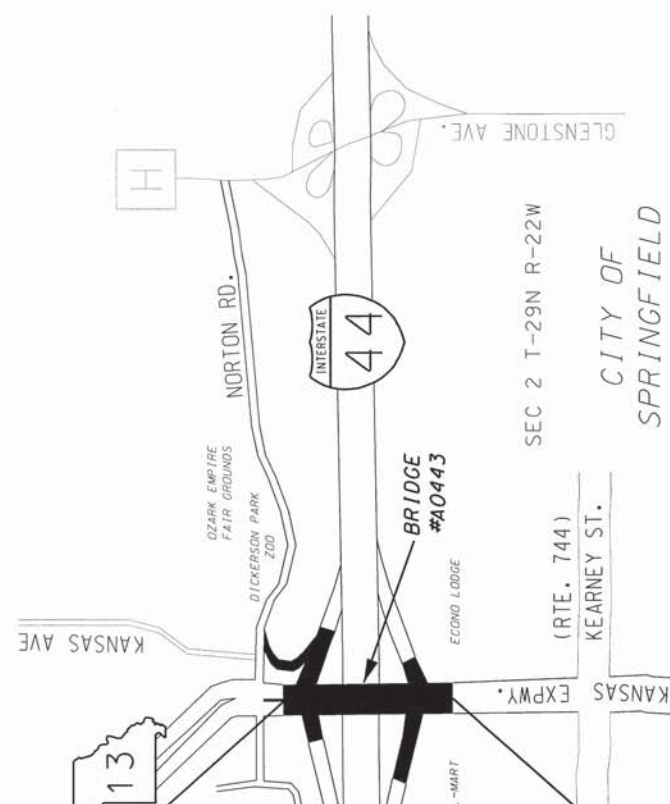
PROJECT LENGTH 0.284 MILES

STA. 654+54.58
CONT. LOG MILE 232.116

NEW INTERCHANGE CONFIGURATION (DDI), DRAINAGE, PAVING, SIGNALS, LIGHTING AND INTERSECTION IMPROVEMENTS

BRIDGE #A0443 - DECK REPAIR, LOW SLUMP CONCRETE OVERLAY AND CATHODIC PROTECTION SYSTEM

STA. 659+54.58
CONT. LOG MILE 232.400



SEC 2 T-29N R-22W
CITY OF SPRINGFIELD

NOTE: NOT TO SCALE

DATE	13	MO	8	SHEET NO.	1
JOB NO.	J8P0841				
CONTRACT ID.					
PROJECT NO.					
COUNTY	GREENE				

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (23 SHEETS)	2
QUANTITIES (Q) (14 SHEETS)	3
PLAN-PROFILE (PP) (4-25)	4-25
COORDINATE POINTS (CP)	26-29
SPECIAL SHEETS (SS)	30-45
TRAFFIC CONTROL SHEETS (TC)	46-61
EROSION CONTROL SHEETS (EC)	62-70
LIGHTING (LT)	71-84
SIGNALS (SG)	85-99
SIGNING (SN)	100-122
PAVEMENT MARKING (PM)	123-131
CULVERT SECTIONS (CS)	132-139
BRIDGE DRAWINGS (B)	
A0443	1-26
CROSS SECTIONS (XS)	1-246
UTILITIES (WATER) (U)	U1-U3

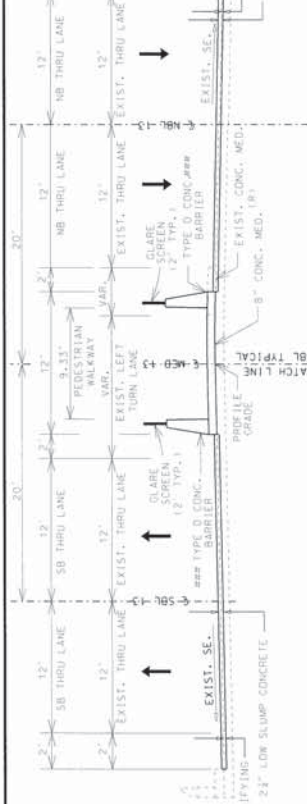
LENGTH OF PROJECT

BEGINNING OF PROJECT	STA. 654 + 54.58
END OF PROJECT	STA. 669 + 54.58
APPARENT LENGTH	1500.00 FEET
EQUATIONS AND EXCEPTIONS:	

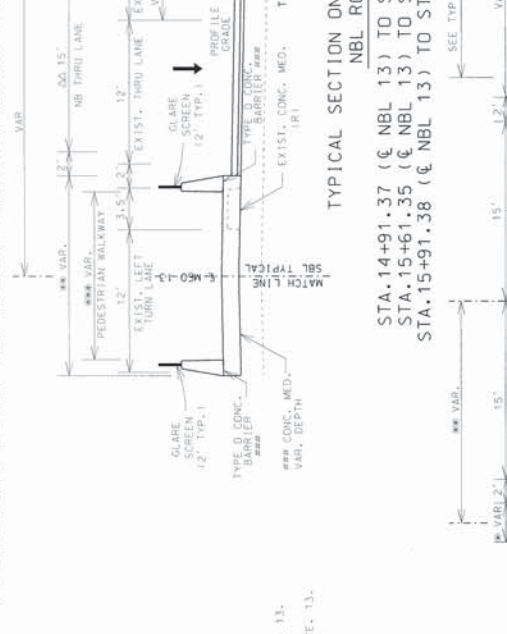
TOTAL CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	1500.00 FEET
STATE LENGTH	0.284 MILES

STATE	MO	DISTRICT	8	SHEET NO.	2
JOB NO.	J8P0841				
CONTRACT ID.					
PROJECT NO.					
COUNTY	GREENE				

STATE OF MISSOURI	
DEPARTMENT OF TRANSPORTATION	
PROJECT NUMBER	J8P0841
PROJECT TITLE	RECONSTRUCTION OF NBL ROUTE 13
DESIGNER	GREENE ENGINEERING, INC.
CHECKED BY	
DRAWN BY	
DATE	



TYPICAL SECTION ON TANGENT
NBL ROUTE 13 - ACROSS BRIDGE
STA. 16+09.16 (€ NBL 13) TO STA. 18+12.29 (€ NBL 13)



TYPICAL SECTION ON CURVE AND TANGENT
NBL ROUTE 13
STA. 14+91.37 (€ NBL 13) TO STA. 15+61.35 (€ NBL 13) - CURVE
STA. 15+61.35 (€ NBL 13) TO STA. 15+91.38 (€ NBL 13) - CURVE
STA. 15+91.38 (€ NBL 13) TO STA. 16+09.16 (€ NBL 13) - TANGENT



TYPICAL SECTION ON TANGENT AND CURVE
NBL ROUTE 13
STA. 14+30.42 (€ NBL 13) TO STA. 14+44.05 (€ NBL 13) - TANGENT
STA. 14+44.05 (€ NBL 13) TO STA. 14+91.37 (€ NBL 13) - CURVE

ASPHALT FACTORS		
COMBINED FACTOR	% AC	
SP125C (PG70-22) (LEVEL COURSE)	1-995 TONS/C.Y.	5-5
SP125C (PG70-22)	1-995 TONS/C.Y.	5-5
SP250C (PG70-22)	2-005 TONS/C.Y.	4-3
BP-1 (PG64-22)	1-998 TONS/C.Y.	4-6
PMB (PG64-22)	2-010 TONS/C.Y.	4-6

TACK EST. AT 0.05 GAL/SY

EXIST. PAVEMENT HISTORY	
10" REINFORCED CONC. PAVT	4" TYPE 3 BASE
OVERLAY EXIST & OPTIONAL PAVEMENT A OR B	
13" SP125C/PG70-22 #	
1" SP125C/PG70-22 (LEVEL COURSE) #	
OPT. PAV. A - RTE. 13 & RAMPS #	
OPT. PAV. B - RTE. 13 & RAMPS #	
SYSTEM B OR C GEOSYNTHETIC INTERLAYER	
3" SP250C/PG70-22	
7 3/4" SP250C/PG64-22	
12" ROCK BASE	

OPT. PAV. A OR B PAID AS PAVEMENT, RTE. 13 AND RAMPS. PAID AS BASE, RTE. 13 AND RAMPS. NO DIRECT PAYMENT FOR GEOSYNTHETIC INTERLAYER OR TIE BARS. SEE J8P 5.

* NEW CONCRETE ISLAND ENDS AT STA. 15+11.75, € NBL RTE. 13.

** TRANSITION FROM VAR. AT STA. 14+91.07 TO 12' AT STA. 15+467.91, € NBL RTE. 13.

*** TRANSITION FROM VAR. AT STA. 14+91.07 TO 9.33' AT STA. 15+467.91, € NBL RTE. 13.

Δ TRANSITION 15' AT STA. 15+61.35 TO 12' AT STA. 16+08.64, € NBL RTE. 13.

ΔΔ TRANSITION 15' AT STA. 15+48.64 TO 12' AT STA. 16+08.64, € NBL RTE. 13.

SEE TYPICAL SECTION SHEET 21 OF 23 FOR DEPTH TRANSITION COLDWELLING AND PAVEMENT DETAILS.

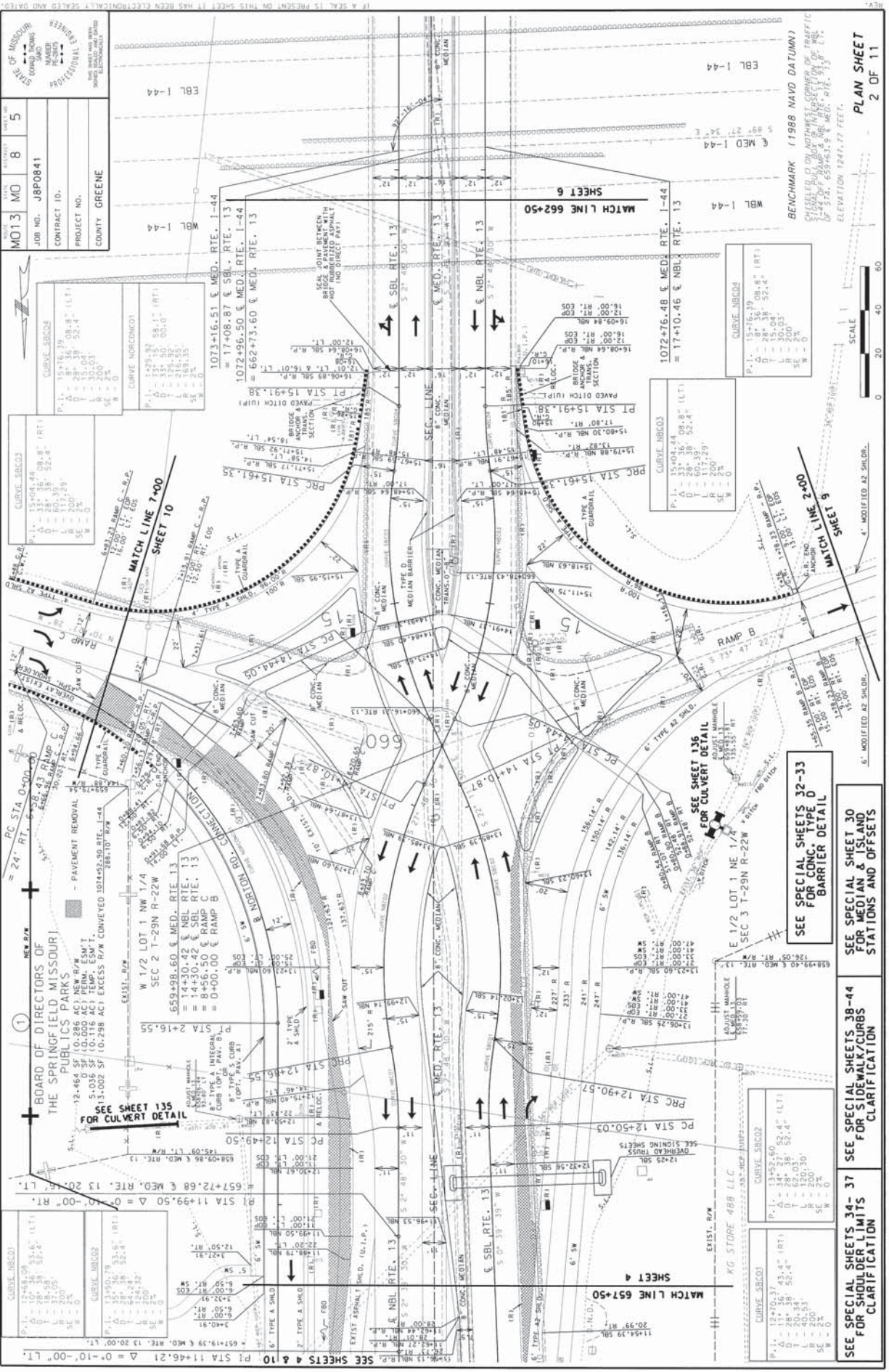
SEE SPECIAL SHEETS 32-33 FOR CONC. MEDIAN AND TYPE D BARRIER DETAILS.

* NEW CONC. MEDIAN FROM STA. 14+23.65 € NBL RTE. 13 TO STA. 14+84.40 € NBL RTE. 13.

** TRANSITION FROM 0' AT STA. 14+30.42 TO VAR AT STA. 14+44.05, € NBL RTE. 13.

SEE TYPICAL SECTION SHEET 21 OF 23 FOR DEPTH TRANSITION COLDWELLING AND PAVEMENT DETAIL.

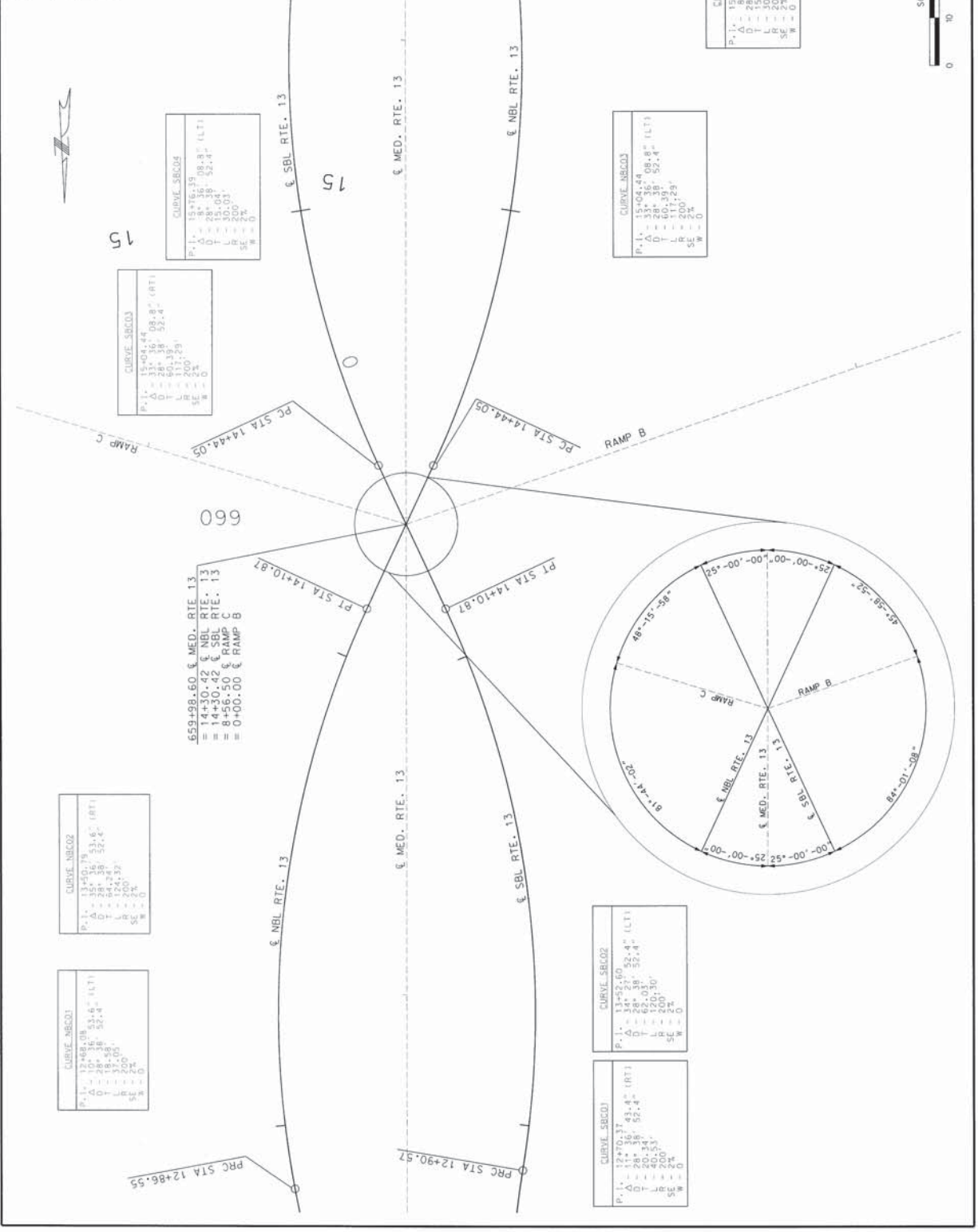
TYPICAL SECTION
ROUTE 13 NBL
SHEET 8 OF 23



IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

STATE OF MISSISSIPPI	PROJECT NO.	MO 13	MO 8	13
DONALD BOWEN	JOB NO.	JBP0841		
REGISTERED PROFESSIONAL ENGINEER	CONTRACT ID.			
NO. 10000	PROJECT NO.			
	COUNTY	GREENE		



CURVE_NBC01	
P.I.	12+70.07
Δ	33° 16' 08.8" (RT)
D	281.38
L	111.29
R	200'
SE	W
W	O

CURVE_NBC02	
P.I.	13+40.79
Δ	33° 16' 08.8" (RT)
D	281.38
L	111.29
R	200'
SE	W
W	O

CURVE_SBC03	
P.I.	15+01.44
Δ	33° 16' 08.8" (RT)
D	281.38
L	111.29
R	200'
SE	W
W	O

CURVE_SBC04	
P.I.	15+16.39
Δ	33° 16' 08.8" (LT)
D	281.38
L	111.29
R	200'
SE	W
W	O

CURVE_SBC01	
P.I.	17+01.37
Δ	33° 16' 08.8" (RT)
D	281.38
L	111.29
R	200'
SE	W
W	O

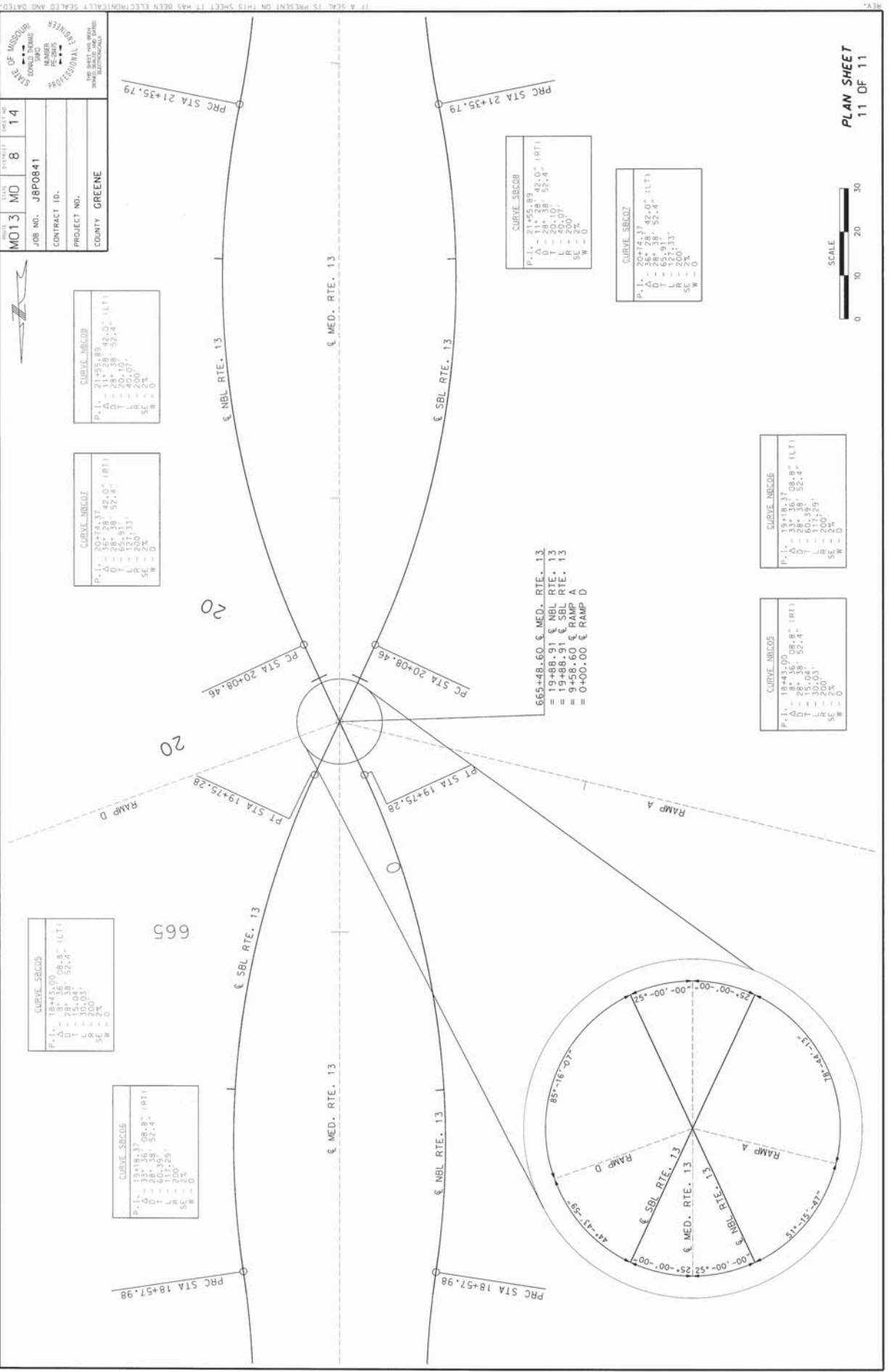
CURVE_SBC02	
P.I.	14+21.60
Δ	33° 16' 08.8" (LT)
D	281.38
L	111.29
R	200'
SE	W
W	O

CURVE_NBC04	
P.I.	15+04.48
Δ	33° 16' 08.8" (RT)
D	281.38
L	111.29
R	200'
SE	W
W	O

CURVE_NBC03	
P.I.	15+04.48
Δ	33° 16' 08.8" (LT)
D	281.38
L	111.29
R	200'
SE	W
W	O



PLAN SHEET
10 OF 11



DATE OF REVISION: 08/30/13
 DRAWN BY: JBP/0841
 CHECKED BY: JBP/0841
 PROJECT NO.:
 COUNTY: GREENE

POINT	LOC.	STA.	OFFSET
1C	NBL R.P.	13+89.34	17.00' LT
2C	NBL R.P.	14+10.87	17.00' LT
3C	NBL R.P.	14+21.56	17.00' LT
4C	SBL R.P.	14+39.28	17.00' LT
5C	SBL R.P.	14+44.05	17.00' LT
6C	SBL R.P.	14+87.24	17.00' LT
7C	SBL R.P.	14+89.04	15.37' LT
8C	BL RAMP C - RT	0+50.35	24.42' LT
9C	BL RAMP C - RT	0+51.39	21.50' LT
10C	BL RAMP C - RT	0+63.71	25.00' LT
11C	BL RAMP C - RT	0+63.71	25.00' LT
12C	SBL R.P.	14+91.53	17.00' LT
13C	SBL R.P.	15+07.43	17.00' LT
14C	BL RAMP C - LT	1+10.16	24.00' RT
15C	BL RAMP C - LT	0+54.11	24.00' RT
16C	BL RAMP C - RT	0+30.55	17.81' RT
17C	BL RAMP C - RT	0+42.26	20.27' LT
18C	BL RAMP C - RT	0+43.70	21.86' LT
19C	BL RAMP C - RT	0+45.53	24.48' LT
20C	SBL R.P.	14+89.79	18.55' LT

POINT	LOC.	STA.	OFFSET
1B	BL RAMP B - RT	0+49.04	22.00' LT
2B	BL RAMP B - RT	0+52.57	22.00' LT
3B	BL RAMP B - RT	0+54.31	23.59' LT
4B	BL RAMP B - RT	0+54.31	23.59' LT
5B	BL RAMP B - RT	0+94.61	26.50' LT
6B	NBL R.P.	14+71.95	21.27' RT
7B	NBL R.P.	14+72.10	20.70' RT
8B	NBL R.P.	14+72.40	19.56' RT
9B	NBL R.P.	14+70.65	17.00' RT
10B	NBL R.P.	14+44.05	17.00' RT
11B	NBL R.P.	14+39.28	17.00' RT
12B	SBL R.P.	14+21.56	17.00' RT
13B	SBL R.P.	14+10.87	17.00' RT
14B	SBL R.P.	13+74.99	17.00' RT
15B	BL RAMP B - RT	1+01.24	22.00' LT
16B	BL RAMP B - RT	1+41.13	22.00' LT
17B	BL RAMP B - LT	1+14.82	24.00' LT
18B	BL RAMP B - LT	0+46.36	24.00' LT
19B	SBL R.P.	14+00.23	17.00' RT
20B	SBL R.P.	14+00.23	17.00' RT
21B	NBL R.P.	14+78.49	18.36' RT
22B	NBL R.P.	14+77.27	22.48' RT
23B	NBL R.P.	14+16.25	24.73' RT
24B	BL RAMP B - RT	0+99.56	24.85' LT

ISLAND - (C)
 CURVE DBC0045
 P.I. = 14+10.87
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (D)
 CURVE DBC0046
 P.I. = 14+21.56
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (E)
 CURVE DBC0047
 P.I. = 14+39.28
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (F)
 CURVE DBC0048
 P.I. = 14+44.05
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (G)
 CURVE DBC0049
 P.I. = 14+87.24
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (H)
 CURVE DBC0050
 P.I. = 14+89.04
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (I)
 CURVE DBC0051
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (J)
 CURVE DBC0052
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (K)
 CURVE DBC0053
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (L)
 CURVE DBC0054
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (M)
 CURVE DBC0055
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (N)
 CURVE DBC0056
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (O)
 CURVE DBC0057
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (P)
 CURVE DBC0058
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (Q)
 CURVE DBC0059
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

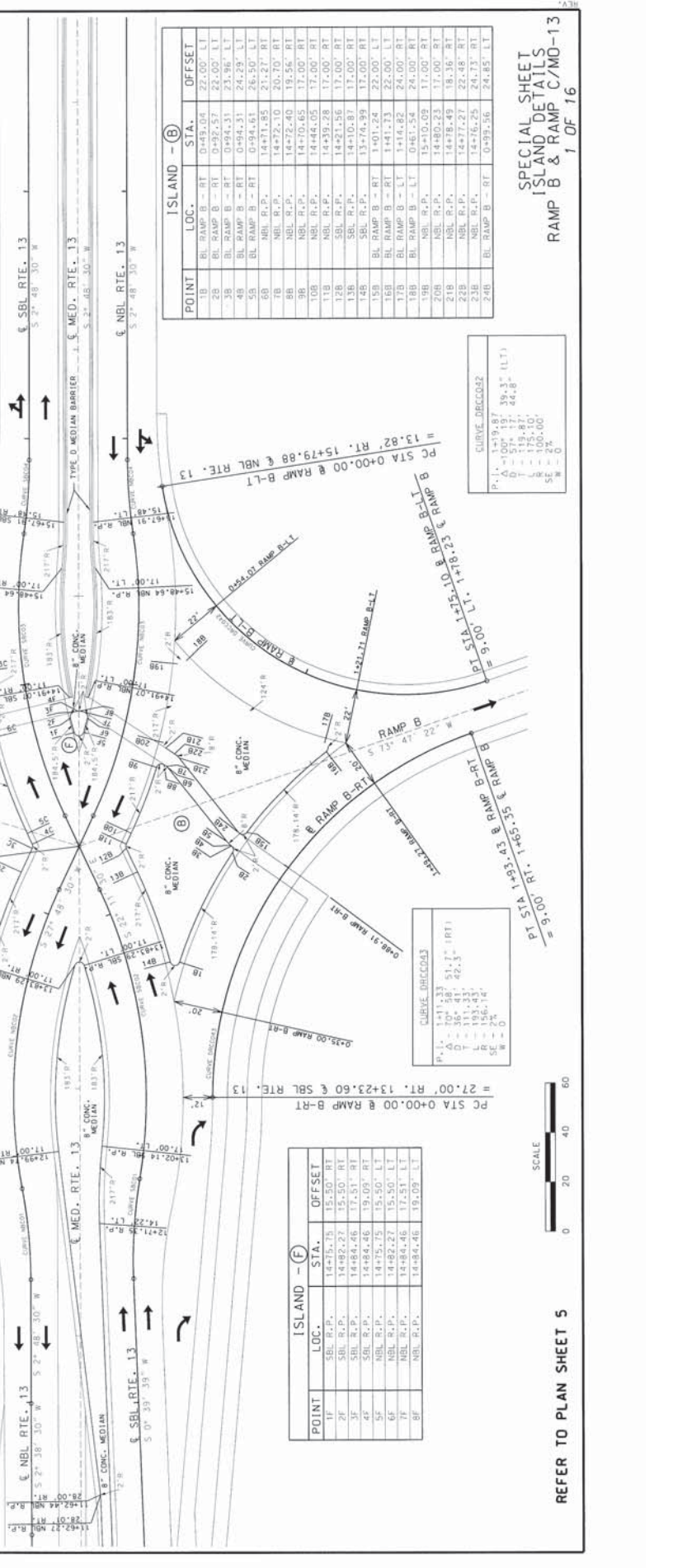
ISLAND - (R)
 CURVE DBC0060
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (S)
 CURVE DBC0061
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (T)
 CURVE DBC0062
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (U)
 CURVE DBC0063
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'

ISLAND - (V)
 CURVE DBC0064
 P.I. = 14+89.79
 Δ = 31.42°
 D = 141.8'
 L = 161.00'
 W = 0'



REFER TO PLAN SHEET 5
 SCALE 0 20 40 60
 SPECIAL SHEET
 ISLAND DETAILS
 RAMP B & RAMP C/MO-13
 1 OF 16

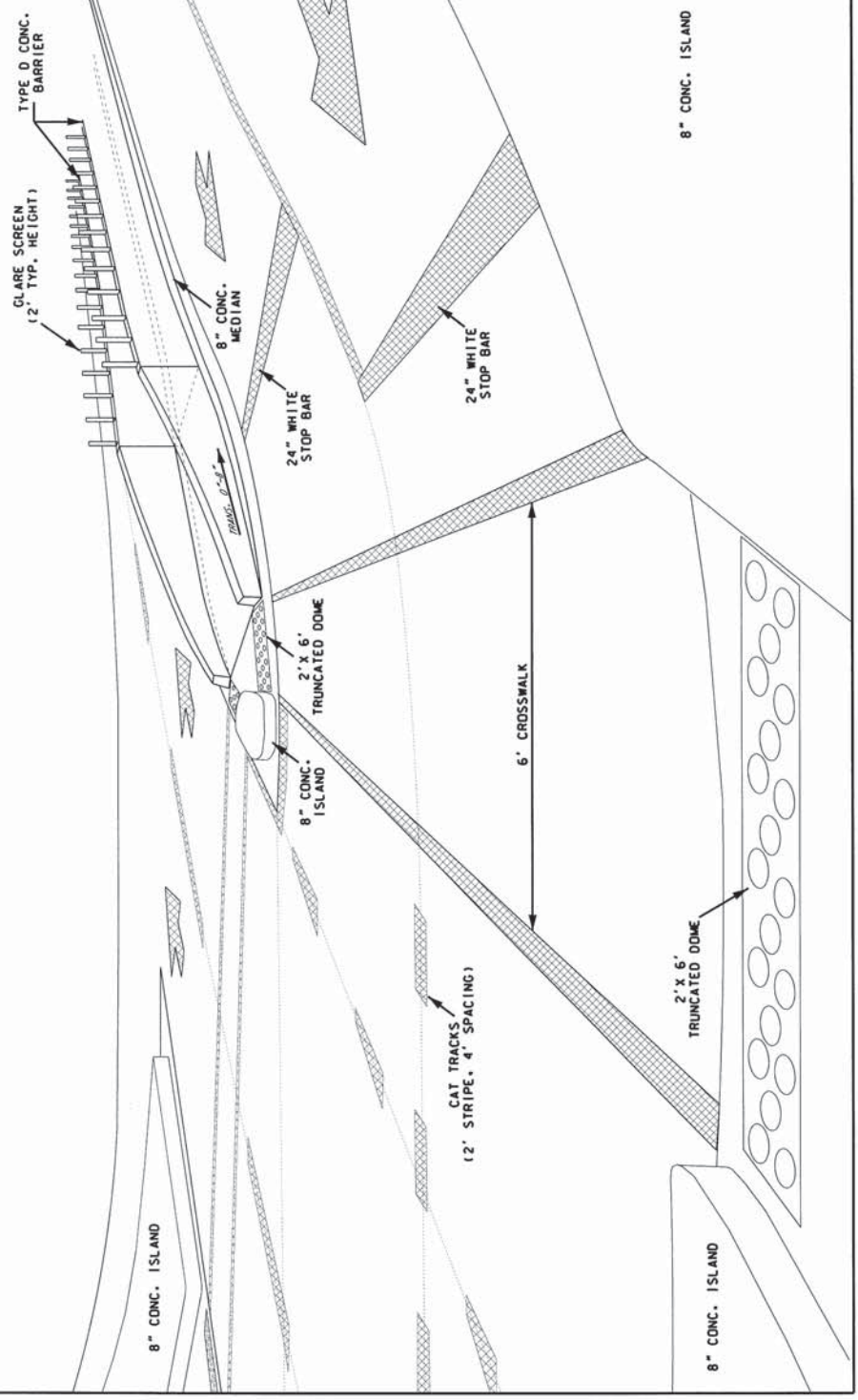
STATE OF MISSISSIPPI CONV. DRAWING NUMBER REGISTERED ENGINEER	PROJECT NO.	DATE	SCALE
MO 13	MO 8 33		
JOB NO. JBPO841	CONTRACT ID.		
PROJECT NO.	COUNTY	GREENE	



NOT TO SCALE

ISOMETRIC VIEW

USE FOR VISUAL PURPOSES ONLY. DOES NOT SHOW SIGNALS, LIGHTING, AND SIGNING.
REFER TO PLANS FOR STATIONS AND OFFSETS.
REFER TO SPECIAL SHEET 32 FOR TYPE D CONC. BARRIER DETAILS.



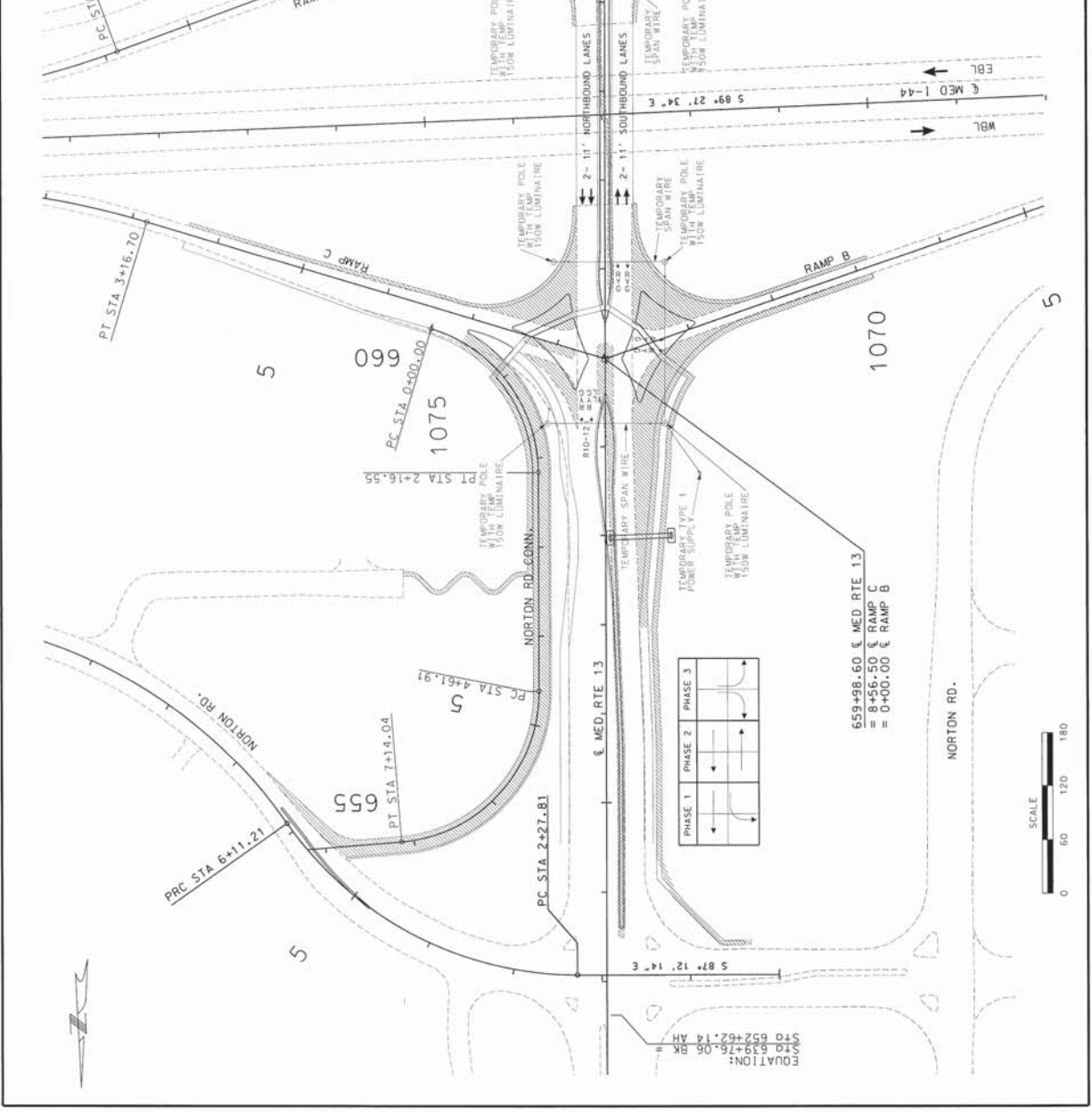
SPECIAL SHEET
TYPE D CONC. BARRIER 3-D VIEW
4 OF 16

COUNTY: GREENE
 PROJECT NO.:
 CONTRACT ID.: J8P0841
 JOB NO.: MO13 MD 8 47
 DATE:

STATE OF MISSISSIPPI
 ENGINEERING
 NUMBER
 REGISTERED
 PROFESSIONAL
 ENGINEER
 LICENSE NO. 1000000000

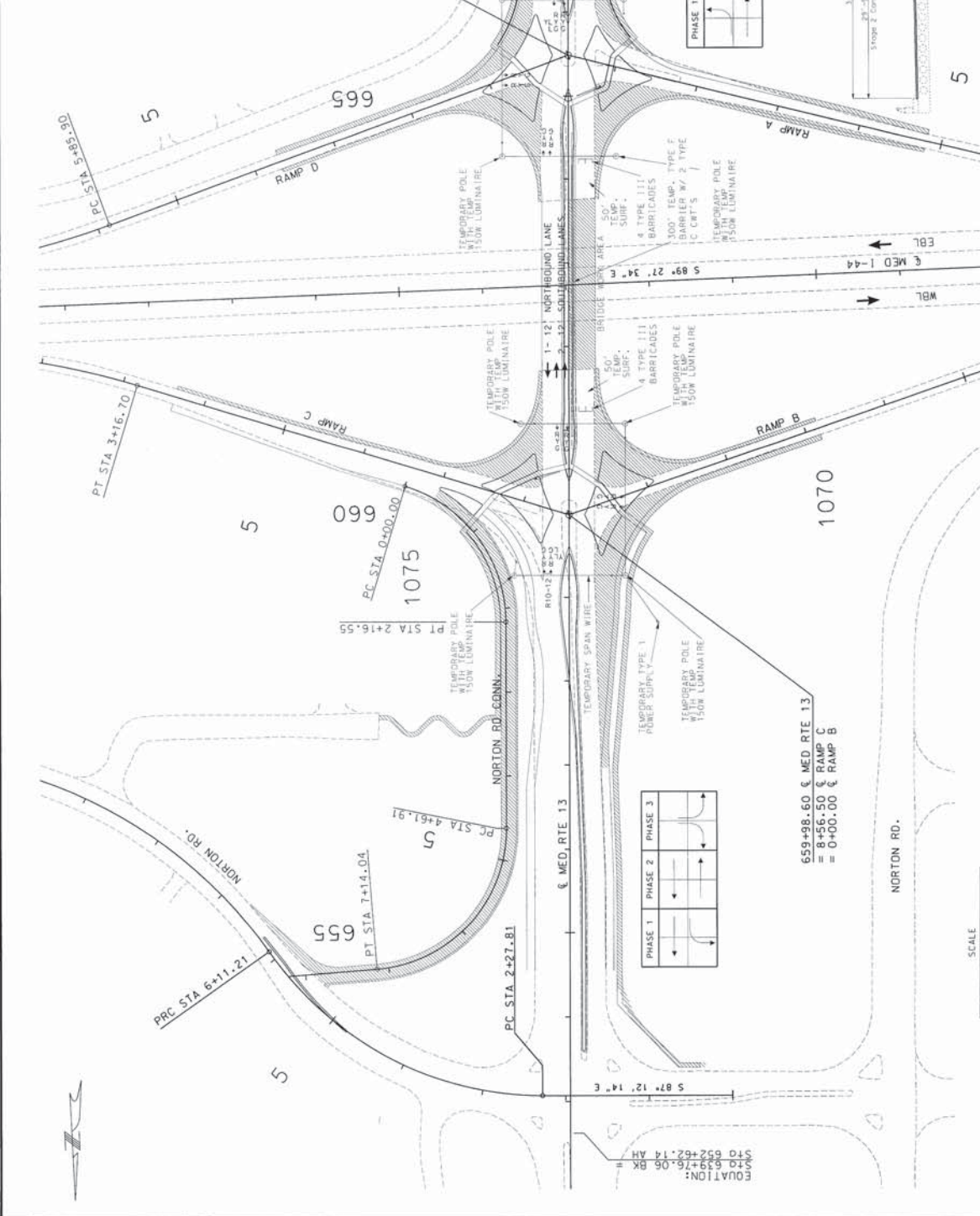
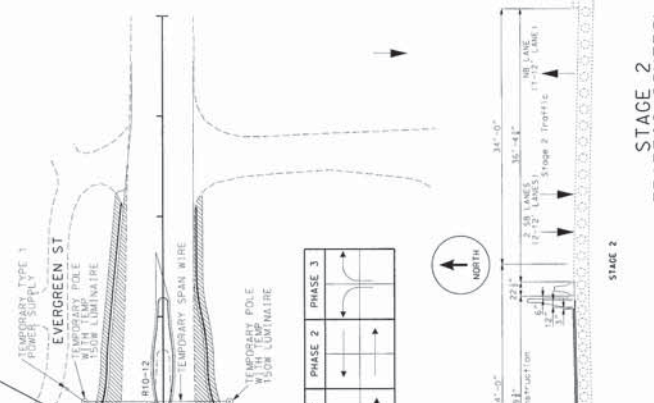
STAGE 1
 INSTALL TEMPORARY SIGNALS/REMOVE EXISTING SIGNALS.
 TEMPORARY STOP BARS SHALL BE A MINIMUM OF 40'
 FROM THE TEMPORARY SIGNAL HEAD AND A MAXIMUM OF 150'.
 CONTRACTOR RESPONSIBLE FOR SIGNAL TIMING
 AND PHASING SIGNALS, AS APPROVED
 BY THE ENGINEER.

INSTALL CHANNELIZERS FOR REMOVAL OF EXISTING
 MEDIAN STRIPS/ISLANDS ON ROUTE 13, BRIDGE & RAMP.
 CONSTRUCT NECESSARY FULL DEPTH PAVEMENT UNDER
 MEDIAN STRIPS/ISLANDS AS DETERMINED BY THE ENGINEER.
 START FULL DEPTH WIDENING ALONG ROUTE 13 & RAMP.
 INCLUDING C&G, SHOULDERS, & SIDEWALKS.
 CONSTRUCT TRUSS FOOTING IN MEDIAN
 START NORTON ROAD CONNECTION.
 MAINTAIN 2-11' SOUTHBOUND LANES & 2-11' NORTHBOUND
 LANES.
 MAINTAIN RAMP TURNING MOVEMENT.
 665+48.60 & MED. RTE 13
 = 9+58.60 & RAMP A
 = 0+00.00 & RAMP D



STATE OF MISSISSIPPI	DATE: MO 13	TIME: 8:48
CONTRACT NO. JBP0841	PROJECT NO.	COUNTY: GREENE
ENGINEER: [Signature] 11/25/2014 CHECKED BY: [Signature] 11/25/2014 DRAWN BY: [Signature] 11/25/2014		

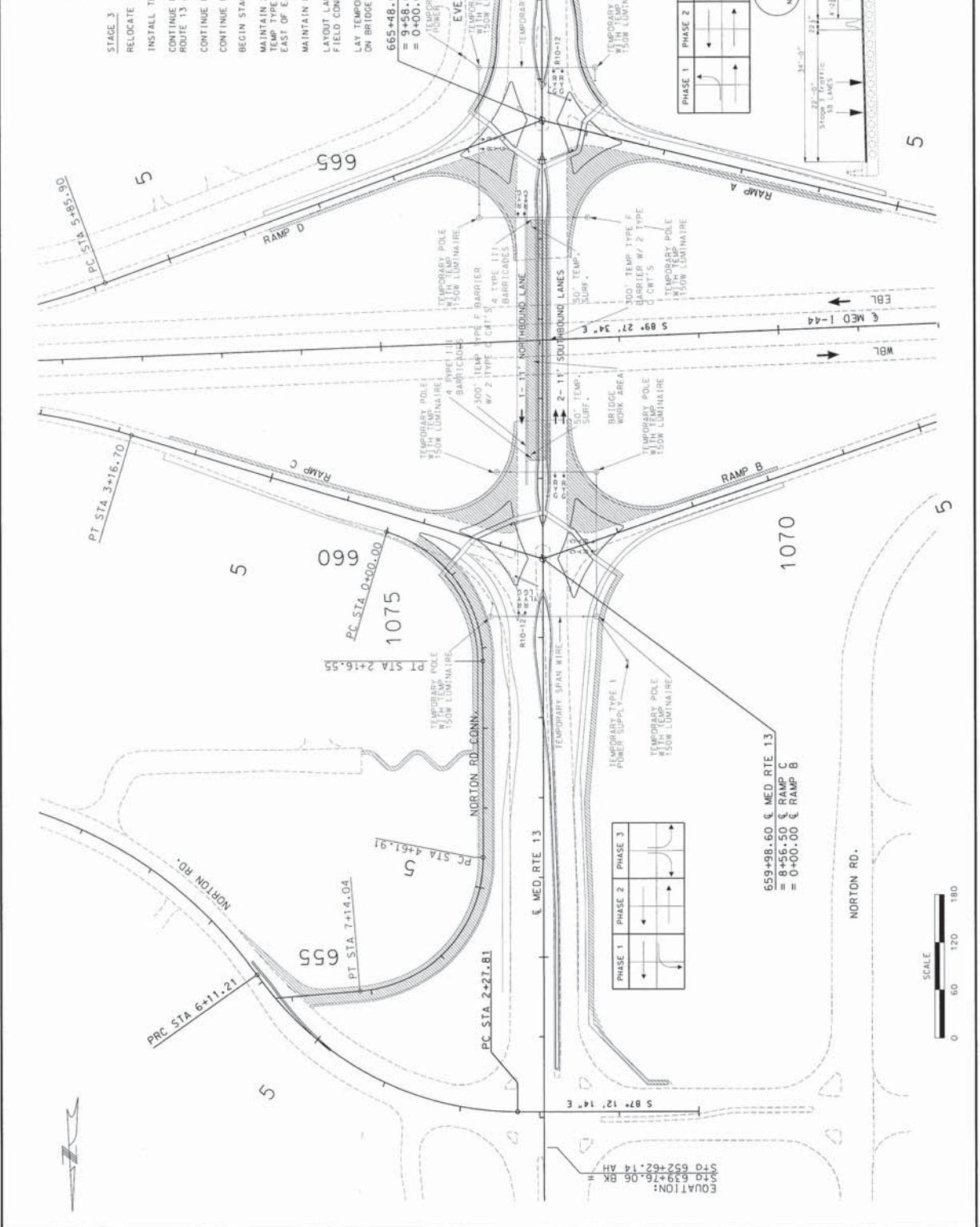
STAGE 2
 INSTALL TEMP. TYPE F BARRIER W/ 2 TYPE C CRT'S.
 BEGIN STAGE 2 BRIDGE WORK.
 CONTINUE FULL DEPTH WIDENING ON ROUTE 13 & RAMPS.
 COMPLETE WIDENING TO OUTSIDE OF RAMPS.
 CONTINUE NORTON ROAD CONNECTION.
 START NEW SIGNAL BASES AWAY FROM RAMP TRAFFIC.
 MAINTAIN 2-12' SOUTHBOUND LANES & 1-12' NORTHBOUND LANE ON EAST SIDE OF TEMP. TYPE F BARRIER.
 MAINTAIN RAMP TURNING MOVEMENTS.
 LAYOUT LANE SHIFTS WITH CHANNELIZERS TO FIT EXISTING FIELD CONDITIONS AS APPROVED BY ENGINEER.
 LAY TEMPORARY SURFACING TO WEDGE FOR LOW SLUMP ON BRIDGE (11'25'1").



STAGE 2
TRAFFIC CONTROL
SHEET 3 OF 16

STATE OF MISSISSIPPI	PROJECT NO.	MO-13	MO	8	49
DEPT. OF TRANSPORTATION	JOB NO.	JBP0841			
CONTRACT ID.					
PROJECT NO.					
COUNTY	GREENE				

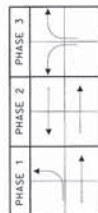
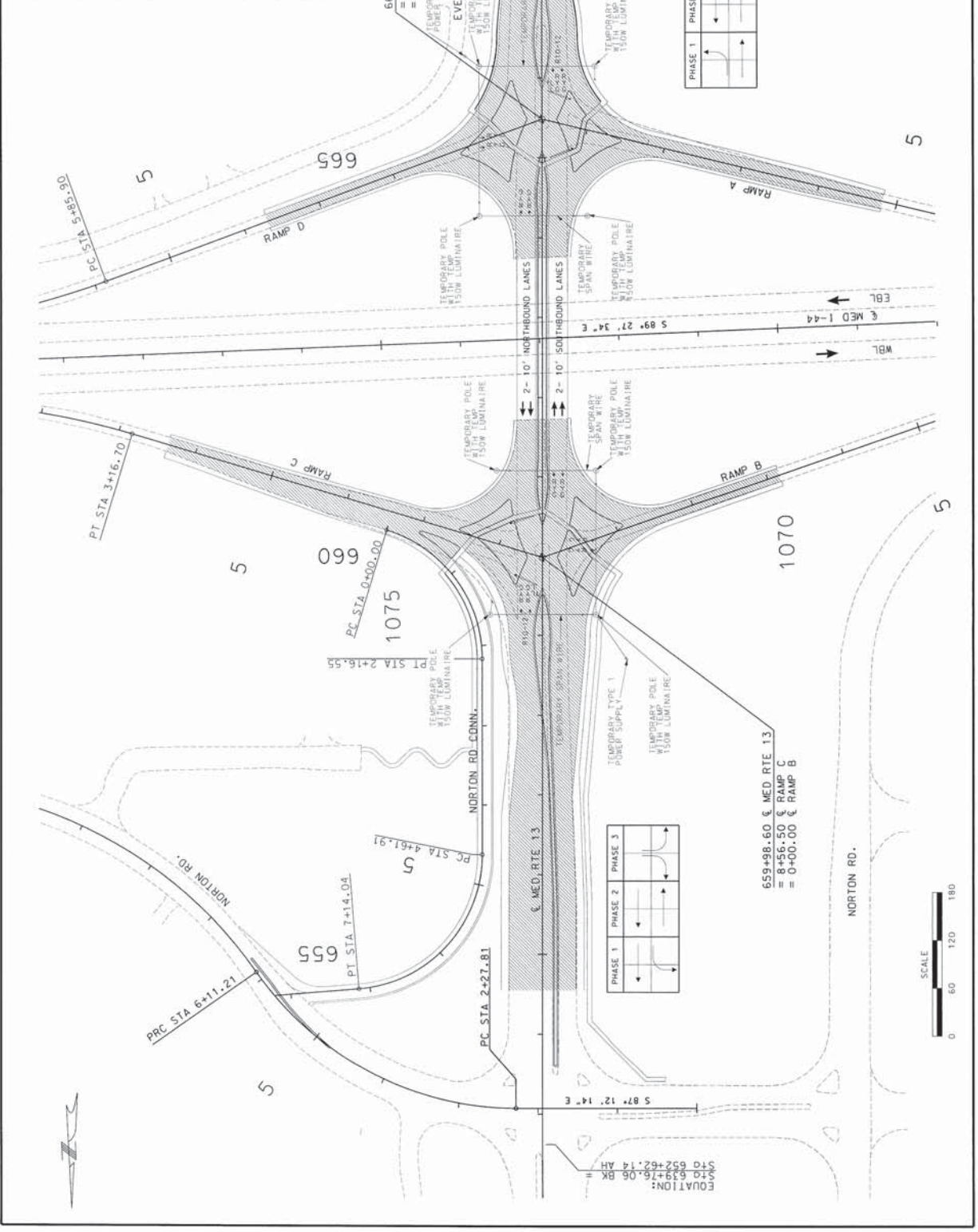
STAGE 3
 RELOCATE TEMP. TYPE F BARRIER ON WEST SIDE.
 INSTALL TEMP. TYPE F BARRIER ON EAST SIDE.
 CONTINUE FULL DEPTH WIDENING TO THE INSIDE OF RAMP 13 & RAMP 5.
 CONTINUE NEW SIGNAL BASE CONSTRUCTION.
 CONTINUE NORTON ROAD CONNECTION.
 BEGIN STAGE 3 BRIDGE WORK & TYPE D BARRIER WORK.
 MAINTAIN 2'-11" SOUTHBOUND LANES WEST OF WEST TEMP TYPE BARRIER & 1'-11" NORTHBOUND LANE EAST OF EAST TEMP TYPE F BARRIER.
 MAINTAIN RAMP TURNING MOVEMENTS.
 LAYOUT LANE SHIFTS W/ CHANNELIZERS TO FIT EXISTING FIELD CONDITIONS AS APPROVED BY ENGINEER.
 LAY TEMPORARY SURFACING TO WEDGE FOR LOW SLUMP ON BRIDGE (11'-25'1").



STATE OF MISSISSIPPI	MO 8 51
EDWARD THOMAS	
REGISTERED PROFESSIONAL ENGINEER	
NO. 1075	
PROJECT NO.	
COUNTY	GREENE

STAGE 5
 BRIDGE IS COMPLETE.
 WIDENING & SHOULDERS ARE COMPLETE.
 NORTON ROAD IS COMPLETE.
 REMOVE TEMP. TYPE F BARRIER.
 REMOVE TEMP. SURFACING @ BRIDGE ENDS.
 ASPHALT OVERLAY ON ROUTE 13 & RAMP.
 CONTINUE INSTALLING NEW SIGNALS & LIGHTING.
 MAINTAIN 2-10' NORTHBOUND LANES & 2-10' SOUTHBOUND LANES, EXCEPT FOR SHORT TIME PERIODS NECESSARY FOR OVERLAY WORK.
 MAINTAIN RAMP TURNING MOVEMENTS, EXCEPT FOR SHORT TIME PERIODS NECESSARY FOR OVERLAY WORK.

670



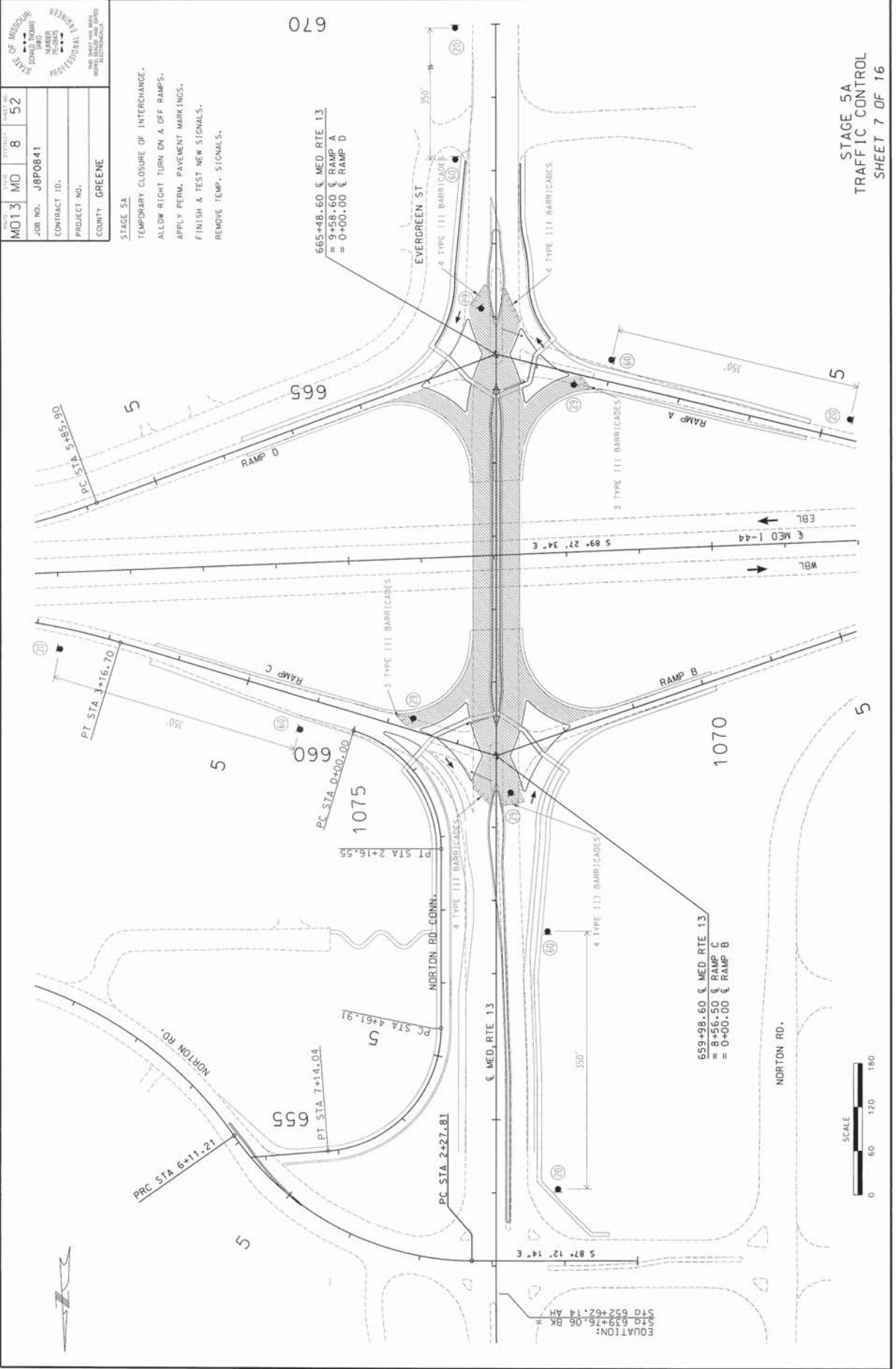
STAGE 5
 TRAFFIC CONTROL
 SHEET 6 OF 16

ELEVATION:
 STA 652+62.14 AH =
 STA 653+76.06 BK =

STATE OF MISSOURI COMPTROLLER REVENUE DIVISION ENGINEERS	PROJECT NO. MO13 MO 8 52
JOB NO. J8P0841	CONTRACT ID.
PROJECT NO.	COUNTY: GREENE

STAGE 5A
 TEMPORARY CLOSURE OF INTERCHANGE.
 ALLOW RIGHT TURN ON & OFF RAMP.
 APPLY PERM. PAVEMENT MARKINGS.
 FINISH & TEST NEW SIGNALS.
 REMOVE TEMP. SIGNALS.

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



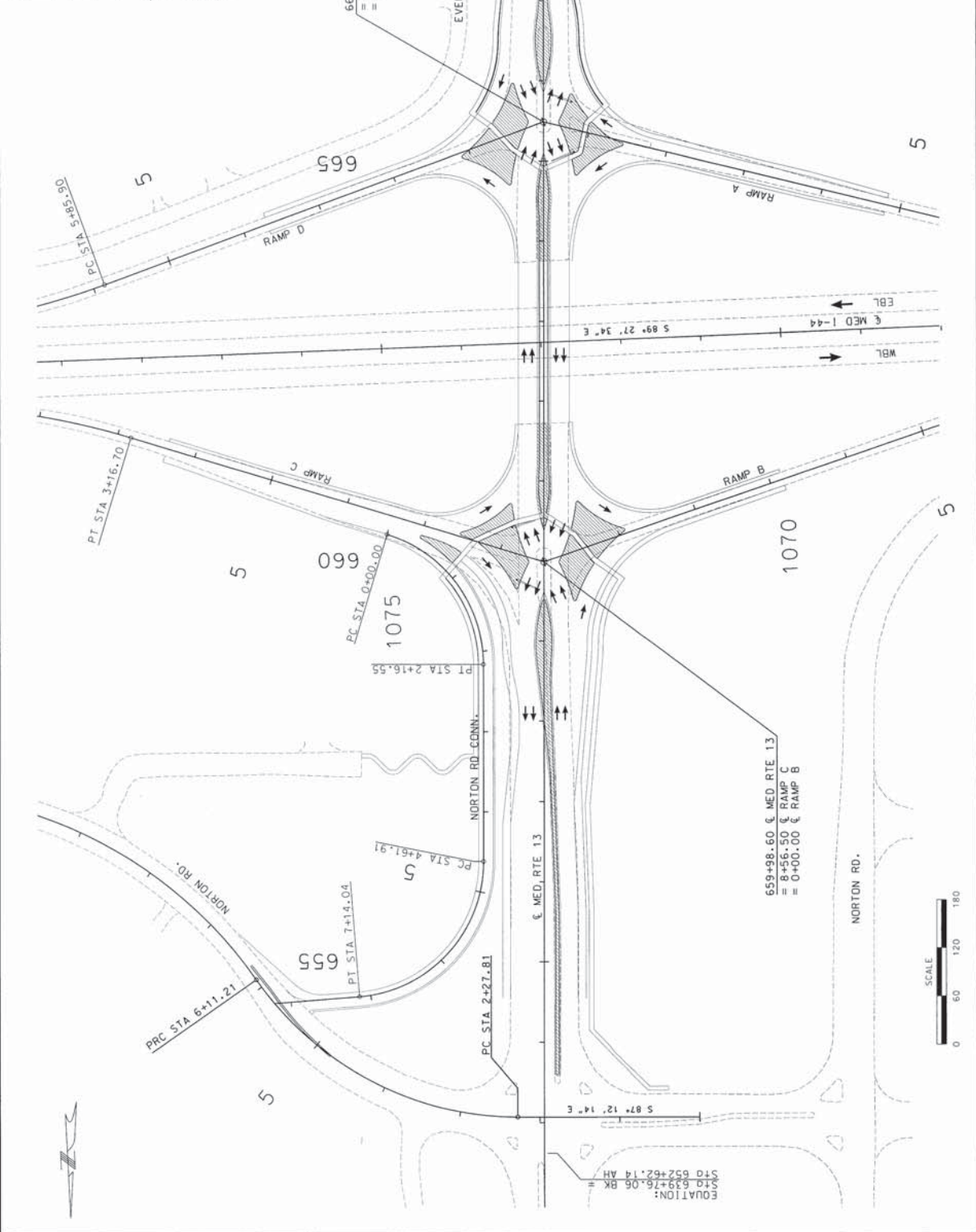
STAGE 5A
 TRAFFIC CONTROL
 SHEET 7 OF 16

IF A SEAL IS PRESENT ON THIS SHEET, IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

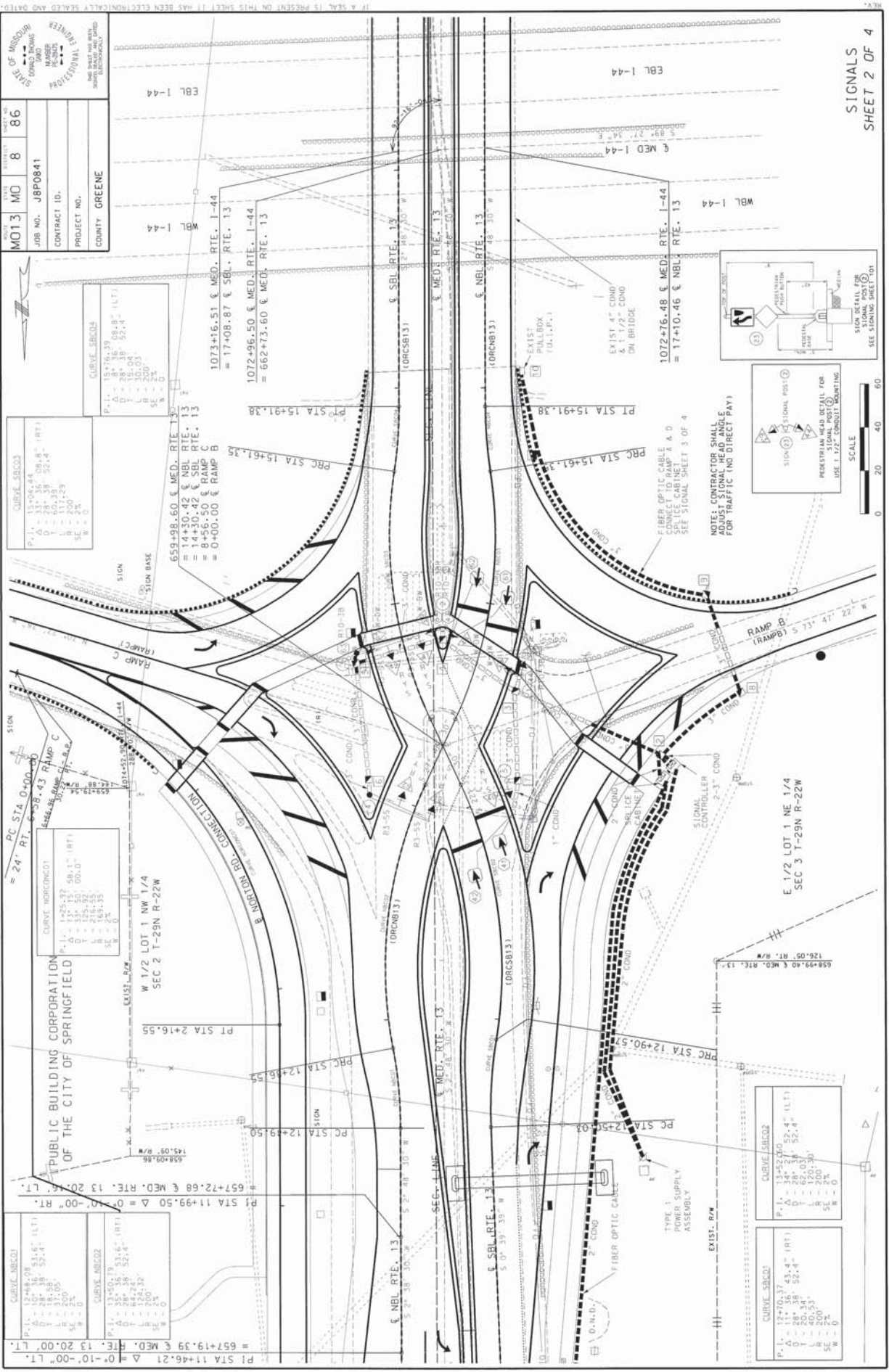
REV.

STATE OF MISSISSIPPI DIVISION OF TRANSPORTATION DESIGN DIVISION	DATE: MO 8 53
PROJECT NO. JBP0841	CONTRACT ID.
PROJECT NO.	COUNTY: GREENE

STAGE 6
 SWITCH TRAFFIC TO OLD CONFIGURATION.
 USE CHANNELIZERS TO DELINEATE ISLANDS &
 MEDIAN STRIPS AS NECESSARY.
 FINISH ISLANDS, MEDIAN STRIPS, & TYPE D
 BARRIER WALL.



STAGE 6
 TRAFFIC CONTROL
 SHEET 8 OF 16



PROJECT NO. MO13 MO 8 86
 CONTRACT ID. JBP0841
 COUNTY GREENE
 DATE OF MODIFICATION: MO 8 86
 JOB NO. JBP0841
 CONTRACT ID. JBP0841
 PROJECT NO. JBP0841
 COUNTY GREENE

CURVE SBC03	
P.I.	13+02.44
P.C.	12+38.38
P.T.	13+66.50
L	28.12
R	28.12
SE	3.00
SW	3.00

CURVE SBC04	
P.I.	18+76.39
P.C.	18+32.39
P.T.	19+10.39
L	28.00
R	28.00
SE	3.00
SW	3.00

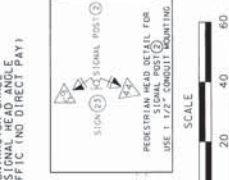
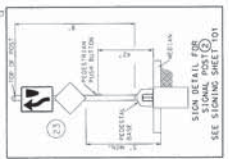
CURVE SBC01	
P.I.	12+70.37
P.C.	12+36.37
P.T.	13+04.37
L	28.00
R	28.00
SE	3.00
SW	3.00

CURVE SBC02	
P.I.	13+42.60
P.C.	13+08.60
P.T.	13+76.60
L	28.00
R	28.00
SE	3.00
SW	3.00

CURVE SBC05	
P.I.	15+25.37
P.C.	14+91.37
P.T.	15+59.37
L	28.00
R	28.00
SE	3.00
SW	3.00

CURVE SBC06	
P.I.	17+08.87
P.C.	16+74.87
P.T.	17+22.87
L	28.00
R	28.00
SE	3.00
SW	3.00

SIGNALS
 SHEET 2 OF 4



NOTES:
 CONTRACTOR SHALL VERIFY ALL SIGNAL HEADS FOR TRAFFIC (NO DIRECT PAY)

FIBER OPTIC CABLE CONNECT TO RAMP A & D SEE SIGNAL SHEET 3 OF 4

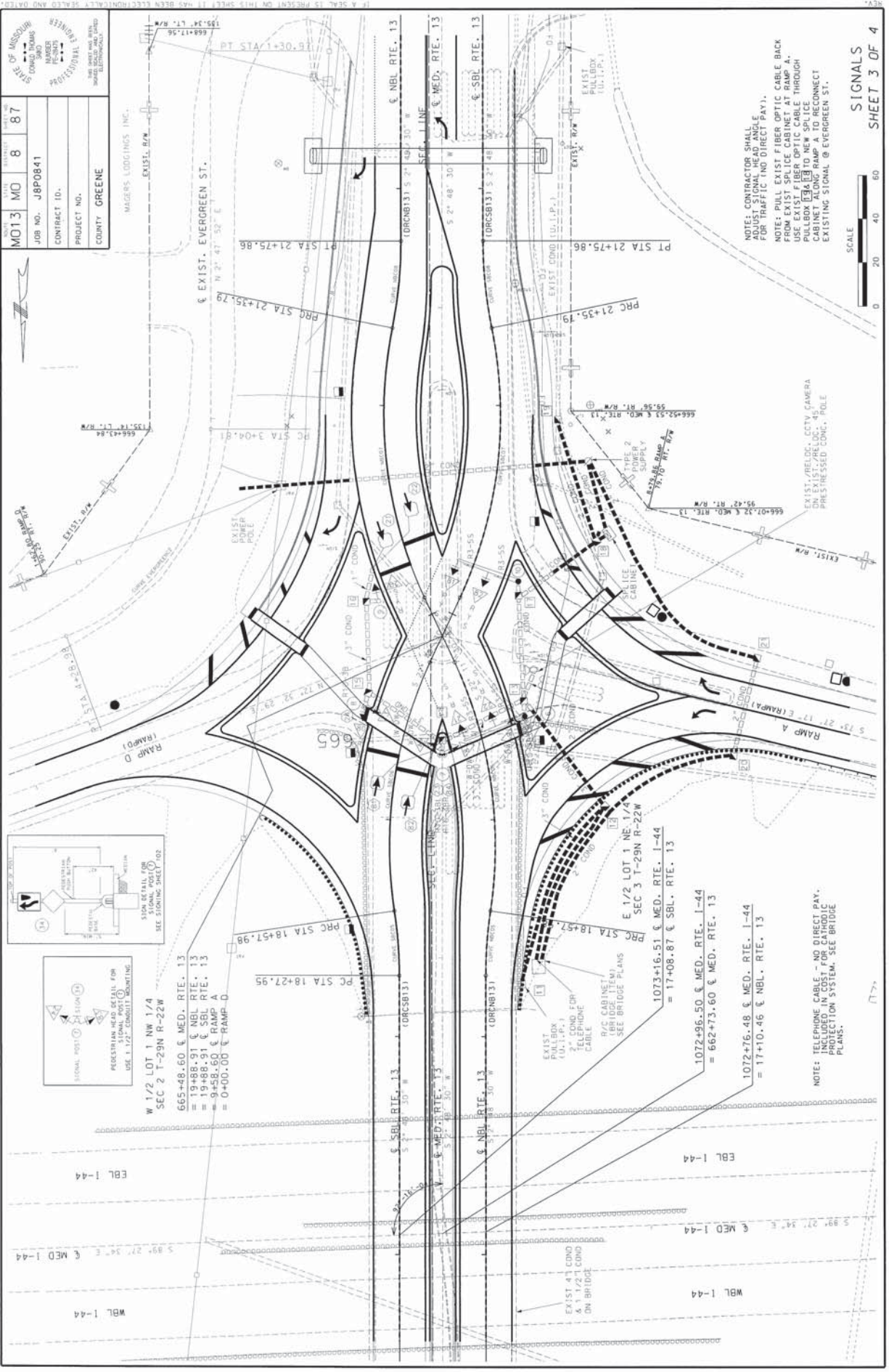
EXIST. 4\"/>

EXIST. 4\"/>

EXIST. 4\"/>

EXIST. 4\"/>

EXIST. 4\"/>



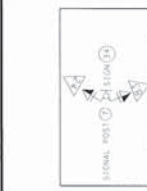
STATE OF MISSISSIPPI	PROJECT NO.	MO 13	MO 8	87
CONTRACT NO.	JOB NO.	JBP0841		
PROJECT NO.	CONTRACT ID.			
COUNTY	GREENE			

MAGERS, LODDINGS, INC.
 ENGINEERS
 1100 SOUTH MAIN STREET
 SUITE 100
 GREENE COUNTY, MISSISSIPPI 39042

NOTE: CONTRACTOR SHALL ADJUST SIGNAL HEAD ANGLE FOR TRAFFIC AND DIRECT PAY.
 NOTE: PULL EXIST FIBER OPTIC CABLE BACK FROM EXIST SPLICE CABINET AT RAMP A. USE EXIST FIBER OPTIC CABLE THROUGH PULLBOX TO NEW SPLICE CABINET. PULL EXIST FIBER OPTIC CABLE FROM EXISTING SIGNAL @ EVERGREEN ST.



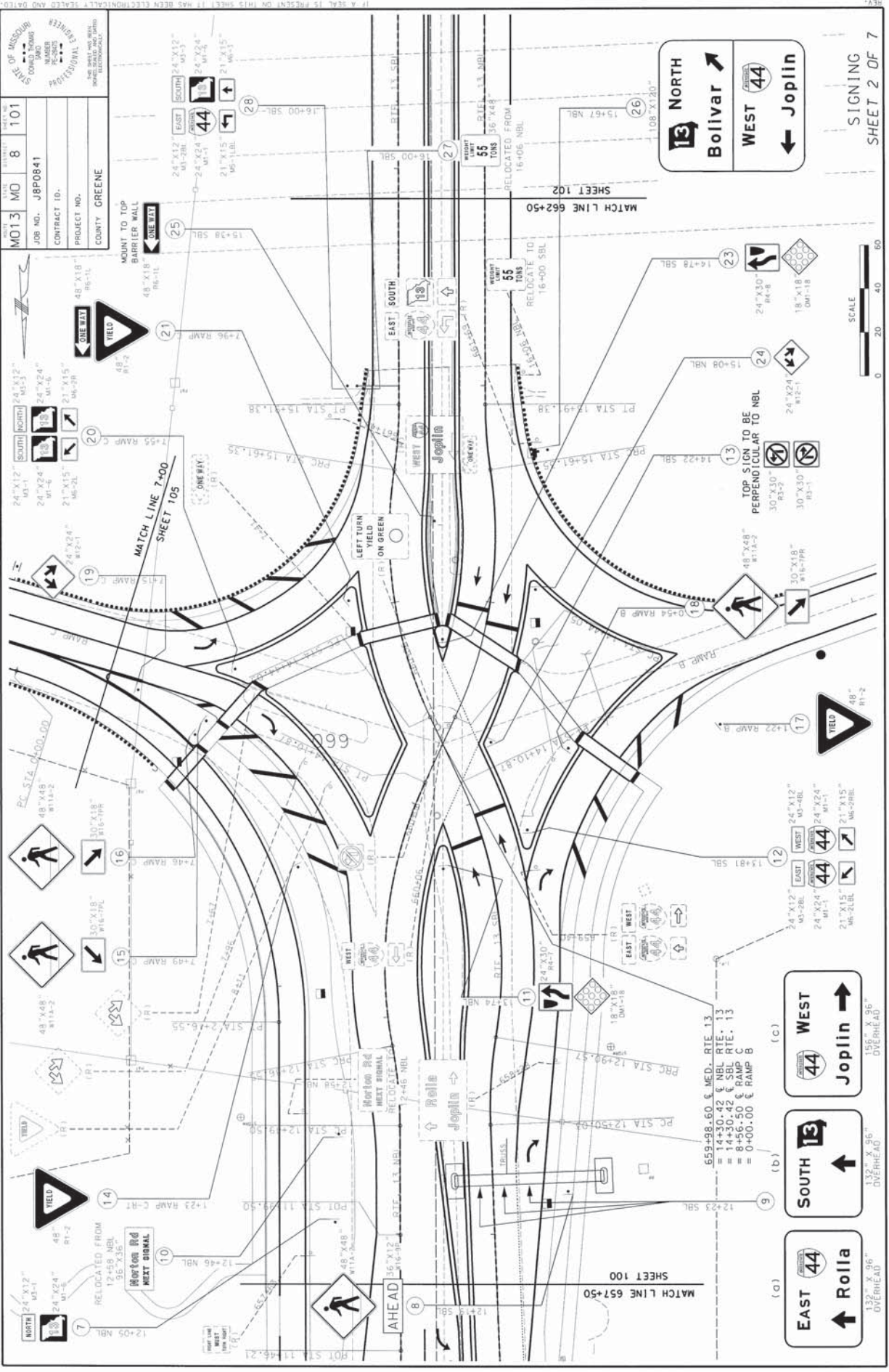
SIGNALS
 SHEET 3 OF 4

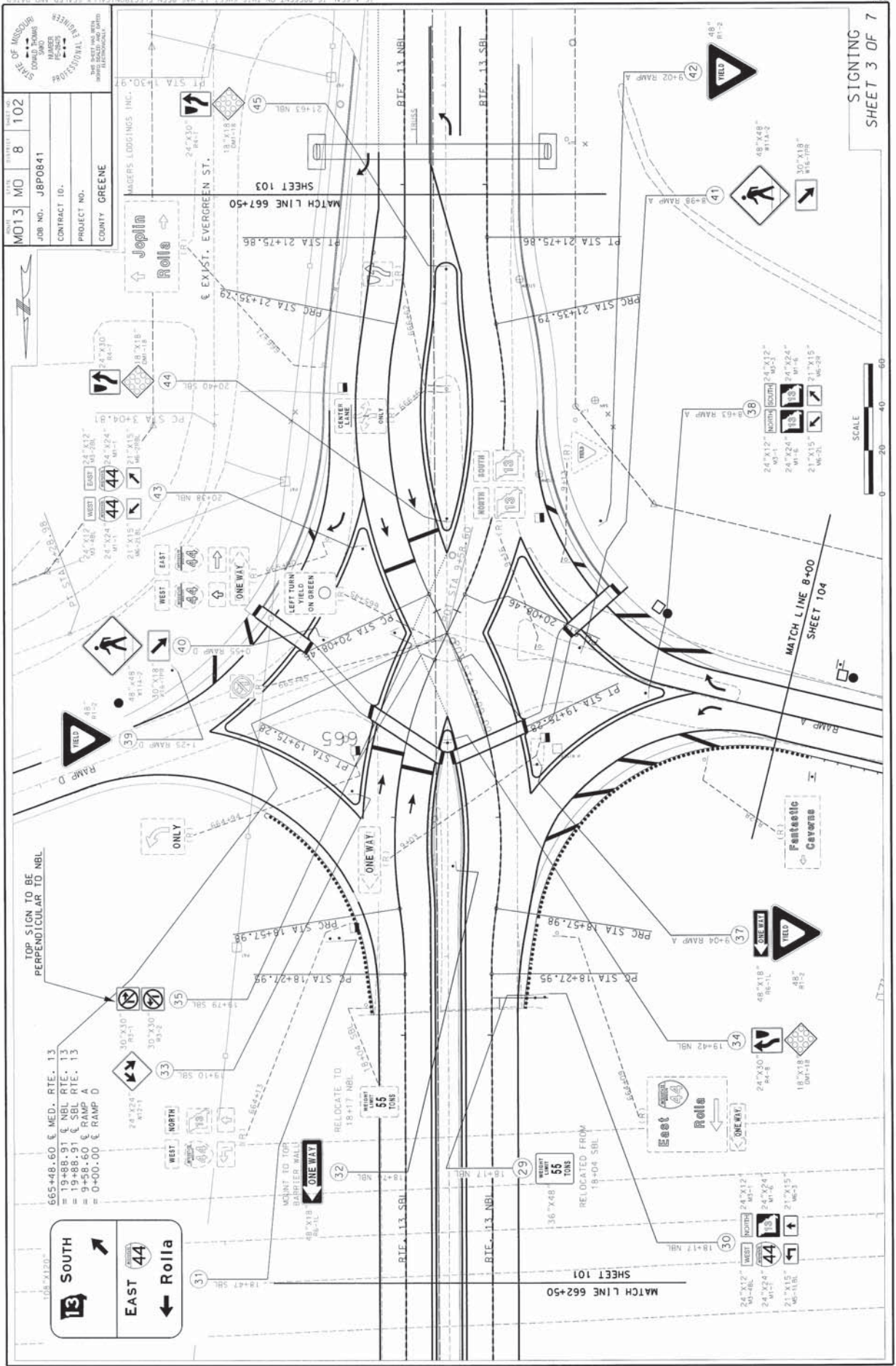


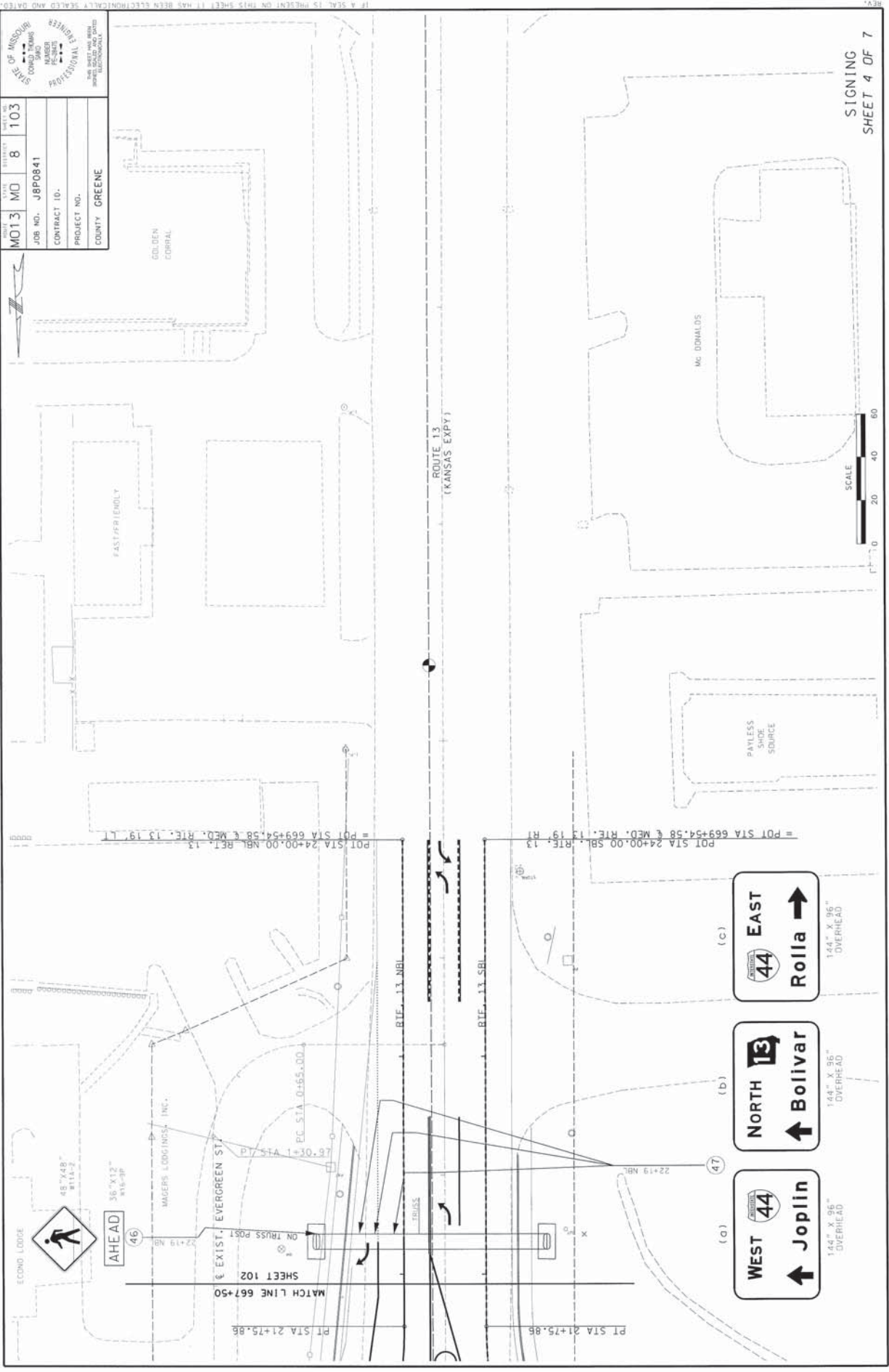
W 1/2 LOT 1 NW 1/4
 SEC 2 T-29N R-22W
 665+48.60 € MED. RTE. 13
 = 19+88.91 € NBL RTE. 13
 = 19+88.91 € SBL RTE. 13
 = 9+58.60 € RAMP A
 = 0+00.00 € RAMP D

E 1/2 LOT 1 NE 1/4
 SEC 3 T-29N R-22W
 1073+16.51 € MED. RTE. 1-44
 = 17+08.87 € SBL. RTE. 13
 1072+96.50 € MED. RTE. 1-44
 = 662+73.60 € MED. RTE. 13
 1072+76.48 € MED. RTE. 1-44
 = 17+10.46 € NBL. RTE. 13

NOTE: TELEPHONE CABLE - NO DIRECT PAY. INCLUDED IN COST FOR CATHODIC PROTECTION SYSTEM. SEE BRIDGE PLANS.

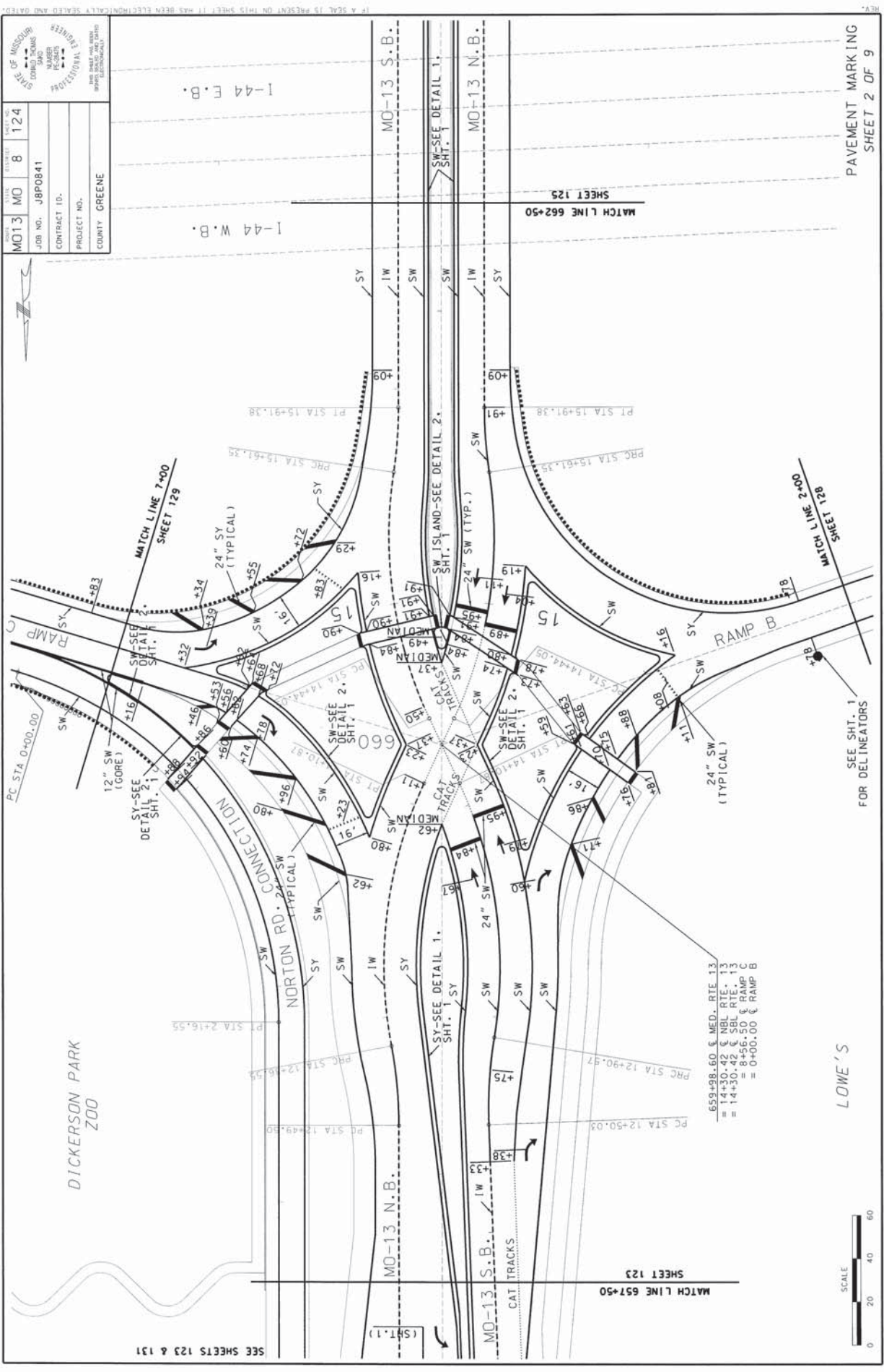






SIGNING
SHEET 4 OF 7

STATE OF MISSOURI DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS DESIGNED BY ENGINEER	PROJECT NO. MO 13 MD 8 103
JOB NO. J8P0841	CONTRACT ID.
PROJECT NO.	COUNTY GREENE



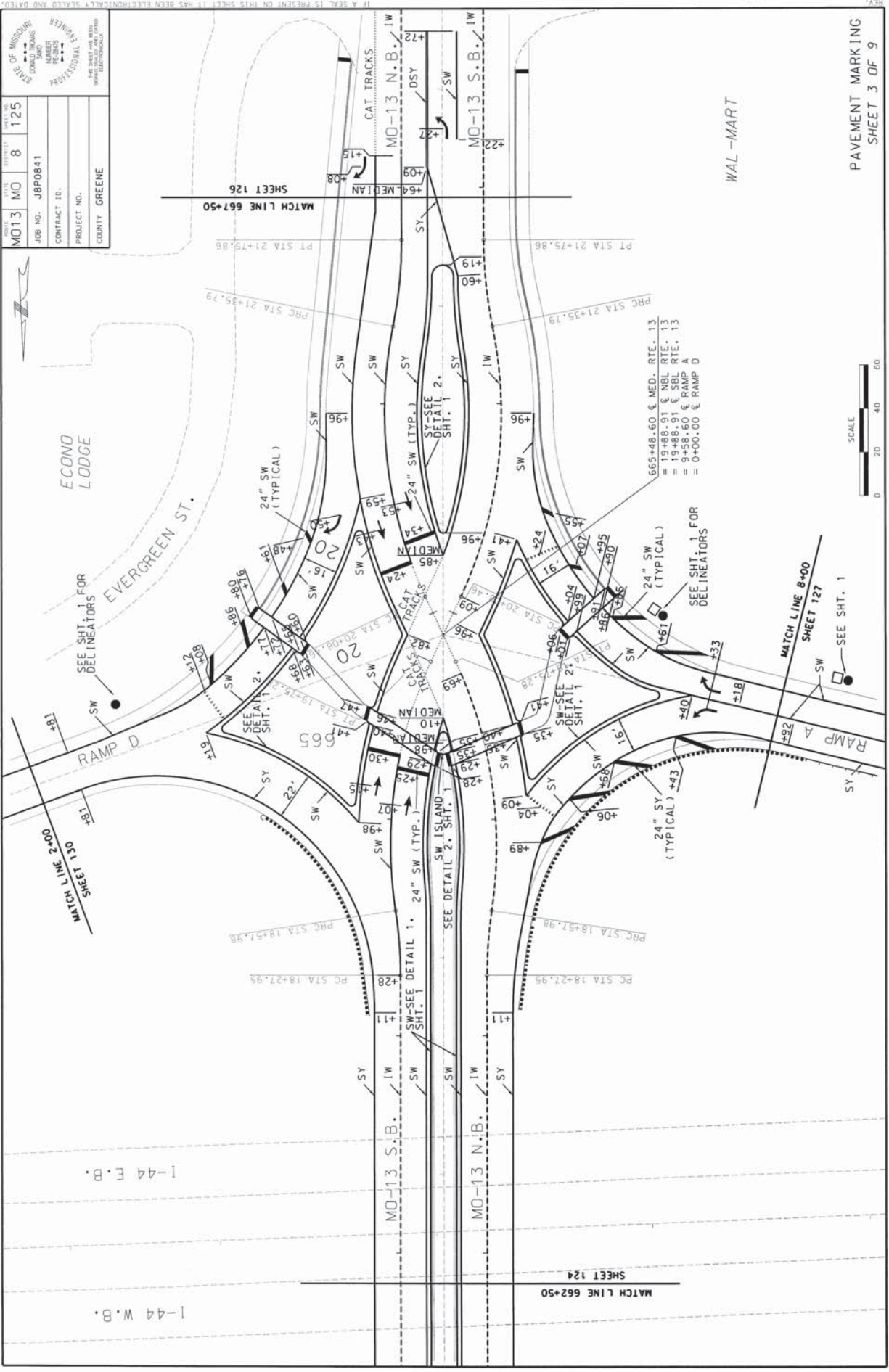
STATE OF MISSISSIPPI	DATE	PROJECT NO.	COUNTY
CONTRACT NO. J8P0841	MO 13	MO 8	MO 124
PROJECT NO.	JOB NO. J8P0841		
COUNTY GREENE			

DICKERSON PARK ZOO

LOWE'S

SEE SHEETS 123 & 131

SEE SHEET 1 FOR DELINEATORS



DATE	BY	CHKD	DATE
MOT 3	MO 8	125	
JOB NO. JB90841			
CONTRACT ID.			
PROJECT NO.			
COUNTY GREENE			

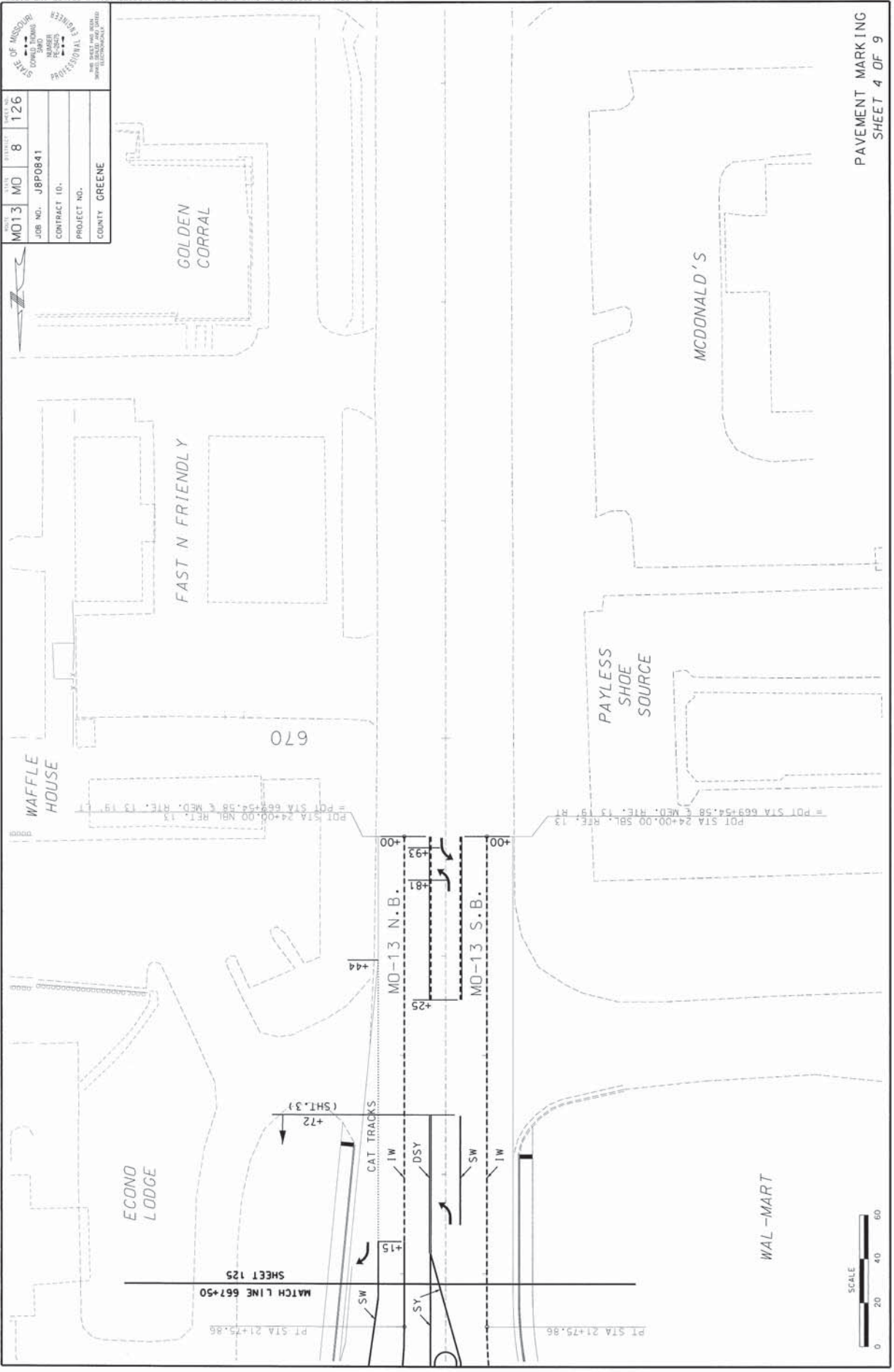


PAVEMENT MARKING
SHEET 3 OF 9

IF A SEAL IS PRESENT ON THIS SHEET, IT HAS BEEN ELECTRONICALLY SCALED AND DATED.

IF A SCALE IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DATE	MO	DAY	YEAR
MO13	MO	8	126
JOB NO. J8P0841			
CONTRACT NO.			
PROJECT NO.			
COUNTY GREENE			



PAVEMENT MARKING
SHEET 4 OF 9

