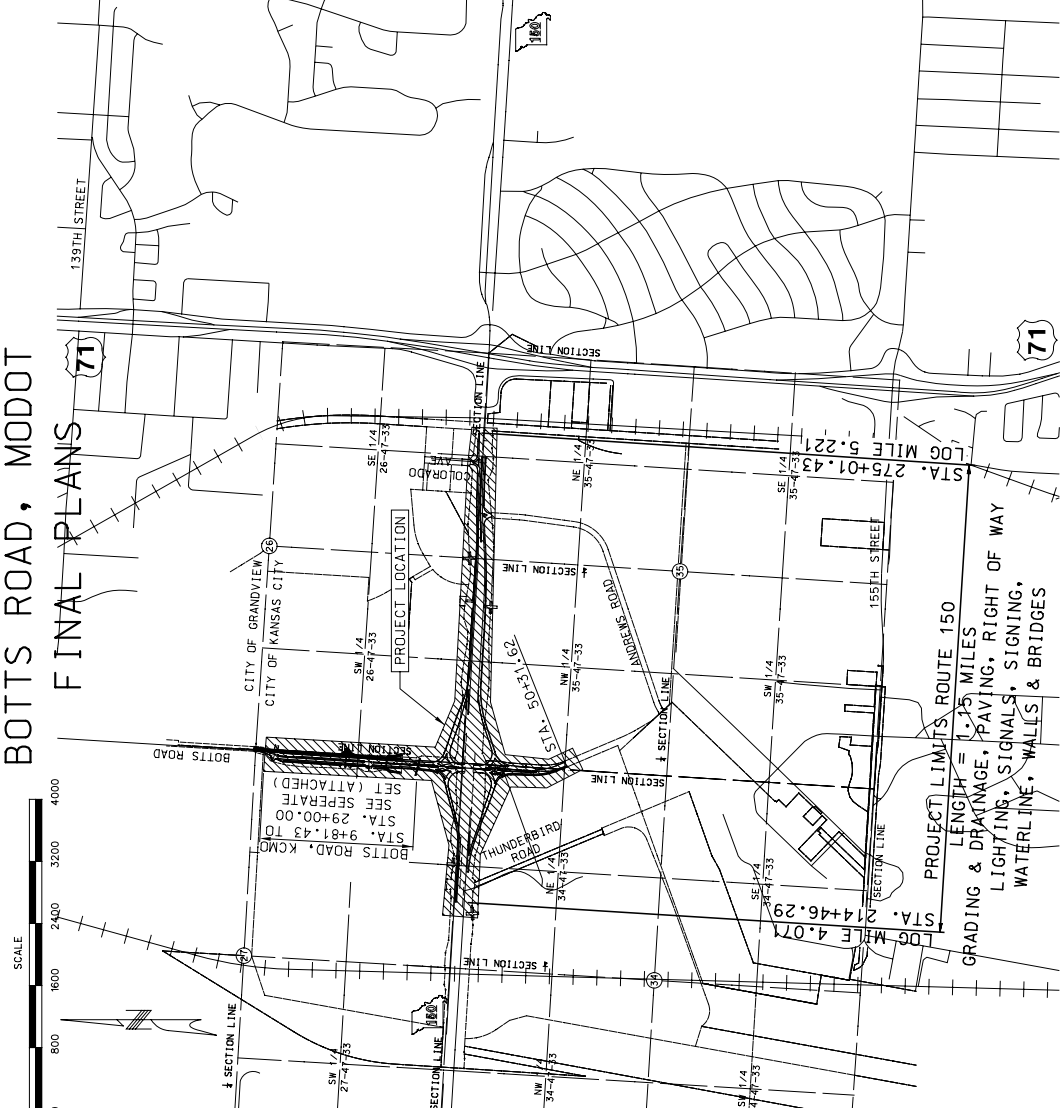


Appendix C:

Sample Set of Plans for MO-150 and Botts Rd
(Kansas City)

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY JACKSON COUNTY BOTTTS ROAD, MODOT FINAL PLANS

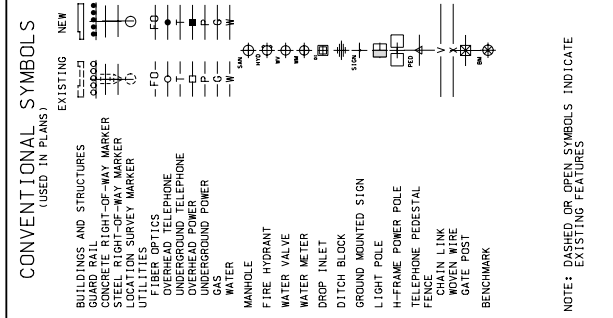


DESIGN DESIGNATION
A.A.D.T. - 2010 = 36,000
A.A.D.T. - 2030 = 101,000
D.H.V. = 52%
V = 60 M.P.H.

FUNCTIONAL CLASSIFICATION--
M-150 PRINCIPAL ARTERIAL
BOTTTS ROAD COLLECTOR (URBAN)

CONTROLLED ACCESS HIGHWAY

THIS SHALL BE A CONTROLLED ACCESS HIGHWAY, REFERRED TO AS A "CONTROLLED ACCESS HIGHWAY". THE DESIGNATION OF THIS TYPE OF HIGHWAY IS SUBJECT TO THE APPROVAL OF THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION. THE DESIGNATION OF THIS TYPE OF HIGHWAY IS SUBJECT TO THE APPROVAL OF THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION. THE DESIGNATION OF THIS TYPE OF HIGHWAY IS SUBJECT TO THE APPROVAL OF THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION.



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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (22 SHEETS)	2
QUANTITIES (QU) (31 SHEETS)	3
PLAN-PROFILE (PP)	4-15
RIGHT OF WAY (RW)	16-18
REFERENCE POINTS (RP)	19
COORDINATE POINTS (CP)	20-23
SPECIAL SHEETS (SS)	24-30
TRAFFIC CONTROL SHEETS (TC)	51-76
EROSION CONTROL SHEETS (EC)	77-87
LIGHTING (LT)	89-98
SIGNALS (SG)	99-110
STONING (SN)	111-142
PAVEMENT MARKING (PM)	143-149
CULVERT SECTIONS (CS)	150-164
LANDSCAPE PLANS	165-184
BRIDGE DRAWINGS (B)	
AT779	1-35
AT780	1-3
AT781	1-3
CROSS SECTIONS (XS)	1-64

LENGTH OF PROJECT

BEGINNING OF PROJECT STA. 214+46.29
END OF PROJECT STA. 275+01.43
APPEARANT LENGTH 6055.14 FEET
EQUATIONS AND EXCEPTIONS:

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MODOT

715 MIKIK DRIVE
KANSAS CITY, MO 64105
(816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

HNTB

TOTAL CORRECTIONS 0 FEET
NET LENGTH OF PROJECT 6055.14 FEET
STATE LENGTH 1.15 MILES


WE SIGN SHOULD BE USED TO IDENTIFY ALL CHANGES TO THE ORIGINAL DESIGN. A CHECKED CHANGE IS A CHANGE MADE BY ANOTHER ENGINEER OR ARCHITECT. A CHECKED CHANGE IS A CHANGE MADE BY ANOTHER ENGINEER OR ARCHITECT. A CHECKED CHANGE IS A CHANGE MADE BY ANOTHER ENGINEER OR ARCHITECT.

DATE PREPARED 02-19-2010
DATE MOVED 1/30
PROJECT NO. J4P2251
JOB NO. JACKSON
COUNTY JACKSON

DATE: 02/19/2010
TIME: 1:30 PM
PROJECT NO.: J4P2251
JOB NO.: JACKSON
COUNTY: JACKSON

DATE PREPARED	02-19-2010
DATE	130
PROJECT NO.	4
COUNTY	JACKSON
JOB NO.	J4P2251
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

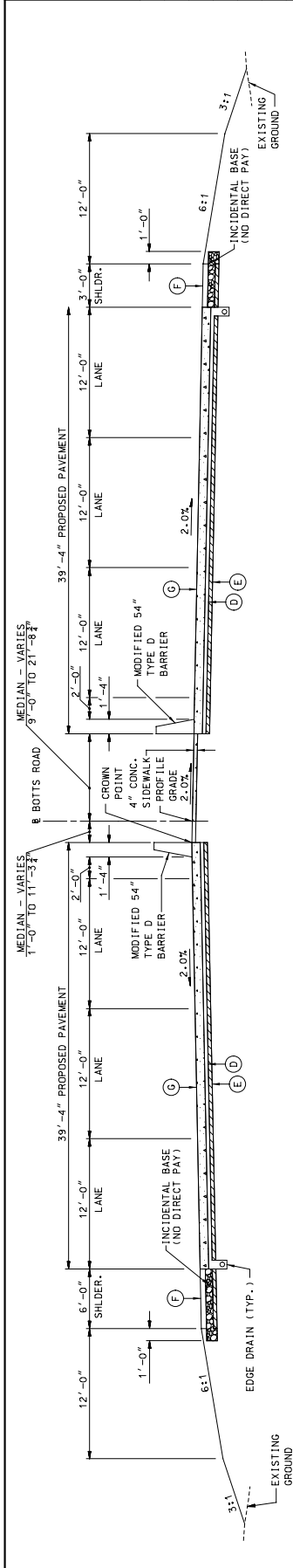


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MOTD (1-888-275-6636)

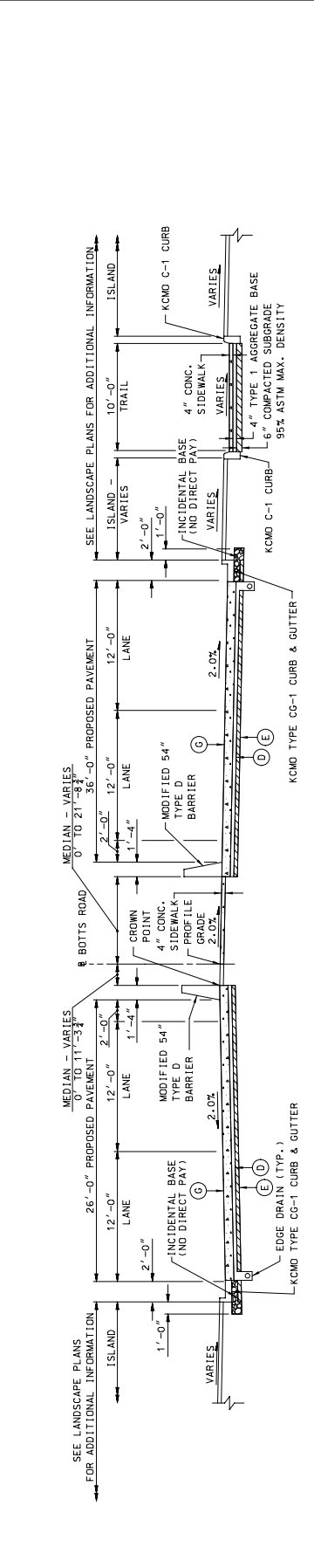
HNTB

715 MIKIK DRIVE
KANSAAS CITY, MO 64105
(816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270

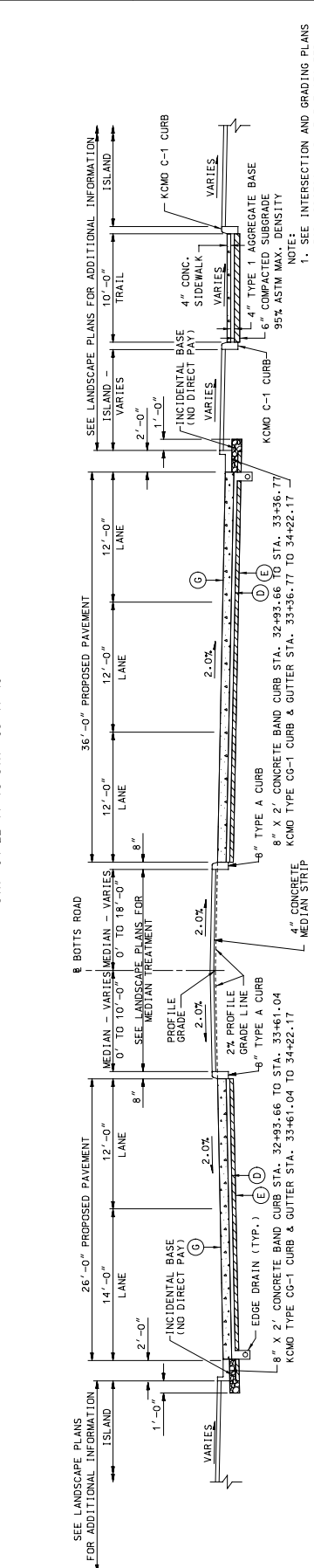
14-30 24-FEB-2010



BOTTS ROAD
STA. 35+47.43 TO STA. 36+28.03



BOTTS ROAD
STA. 34+22.17 TO STA. 35+47.43



BOTTS ROAD
STA. 32+93.66 TO STA. 34+22.17

- LEGEND**
- (D) 4" REMEMBLE TREATED BASE
 - (E) 4" TYPE 1 AGGREGATE BASE
 - (F) TYPE A2 SHOULDER
 - (G) 9 1/2" PCCP

1. SEE INTERSECTION AND GRADING PLANS FOR ADDITIONAL PAVEMENT GEOMETRY INFORMATION.
2. SEE SPECIAL SHEETS 11-13 OF 27 FOR MODIFIED 54" TYPE D BARRIER DETAILS.

TYPICAL SECTIONS
ALTERNATE B PAVEMENT
SHEET 14 OF 22

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

MODOT

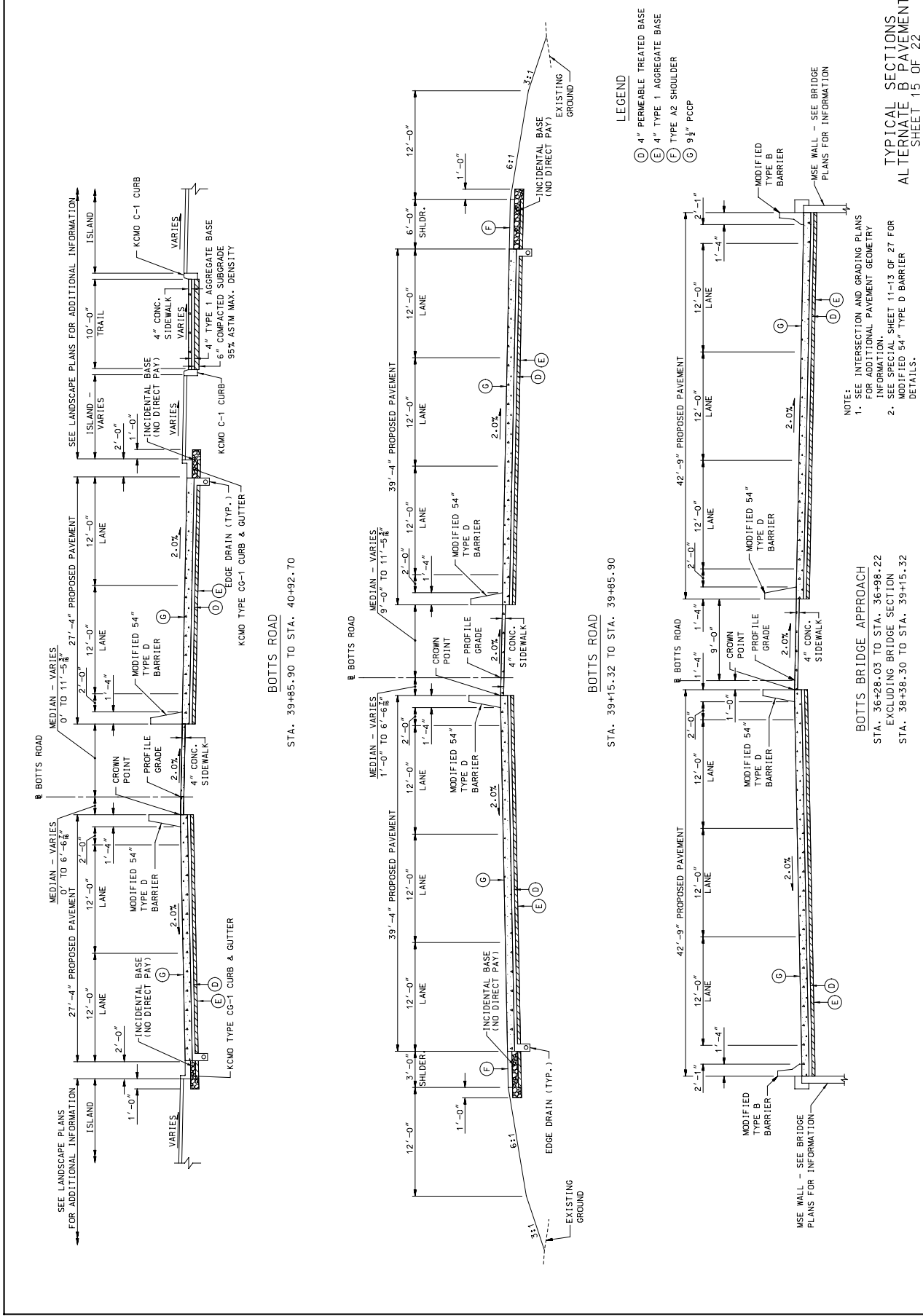
715 KIRK DRIVE
 KANSAS CITY, MO 64105
 (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270

HNTB

DATE DESCRIPTION

BRIDGE NO.:
 PROJECT NO.:
 CONTRACT ID.:
 JOB NO.:
 COUNTY:
 CITY:
 STATE:
 DATE PREPARED:
 DRAWN BY:
 CHECKED BY:
 DATE: 02-19-2010
 TIME: 1:30 PM
 PROJECT NO.: 4
 COUNTY: JACKSON
 CITY: JACKSON
 STATE: MO
 DATE: 02-19-2010

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



SCALE: 5.000000:1.000000

USER NAME: mjpinner

FILE TABLE: \\kcm00\jobs\47150\Roadway\Library\piper\Pen\fa.pen

PN 184E

14-31 24-FEB-2010

TYPICAL SECTIONS
 ALTERNATE B PAVEMENT
 SHEET 15 OF 22

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

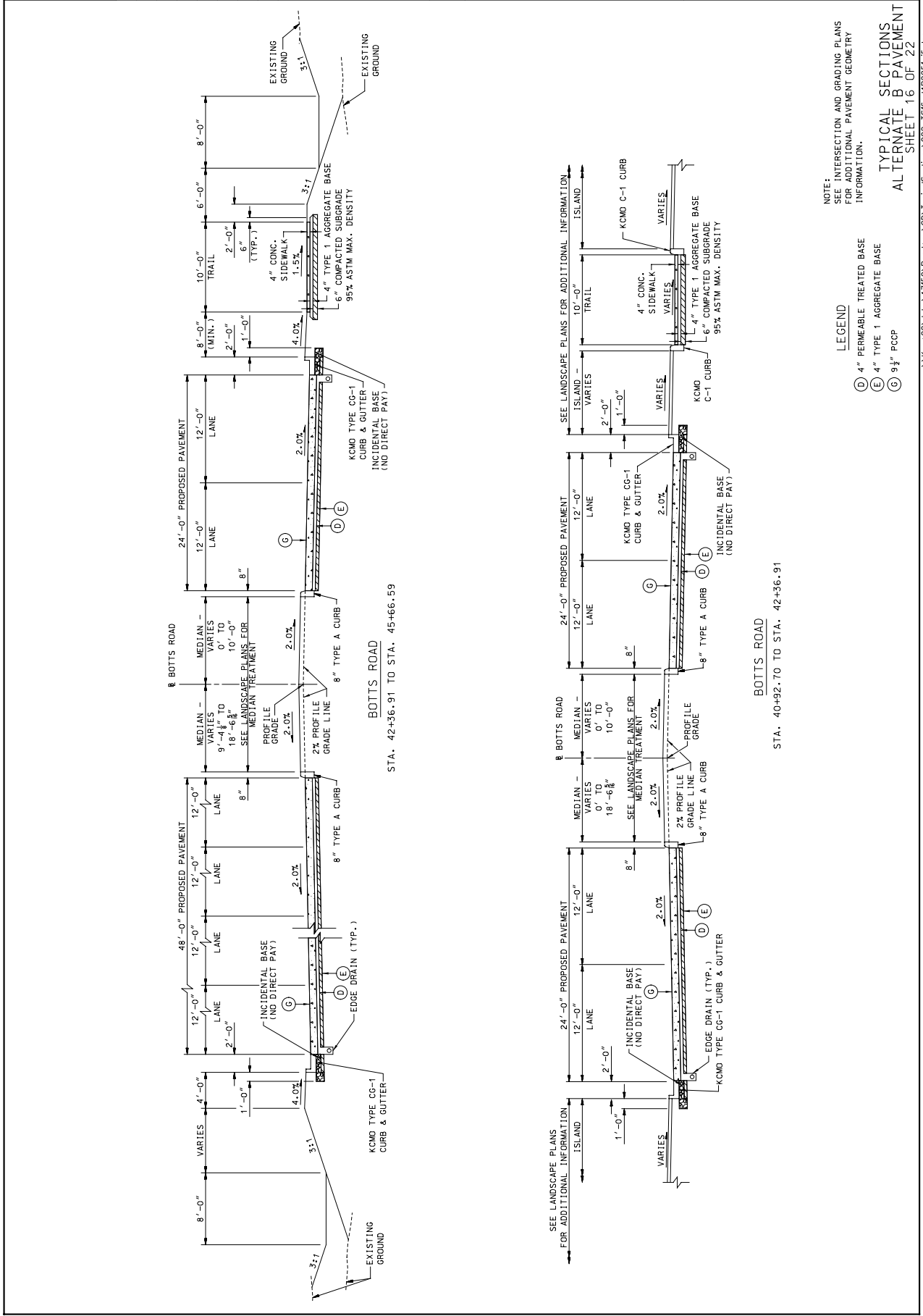
MO DOT

715 KIRK DRIVE
KANSAS CITY, MO 64105
(816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 00170

DATE PREPARED: 02-19-2010
DRAWN BY: MJD
CHECKED BY: JMD
PROJECT NO.: 4
COUNTY: JACKSON
JOB NO.: J4P2251
CONTRACT ID:
PROJECT NO.:
BRIDGE NO.:

THIS WORK SHOULD BE CONSIDERED PRELIMINARY AND SUBJECT TO CHANGE. A CHECKED DRAWING IS NOT FOR CONSTRUCTION.

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



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

DATE PREPARED	02-19-2010
DATE	MID
ROUTE	130
PROJECT NO.	4
COUNTY	JACKSON
JOB NO.	J4P2251
CONTRACT ID.	30494.50 LT.
PROJECT NO.	
BRIDGE NO.	

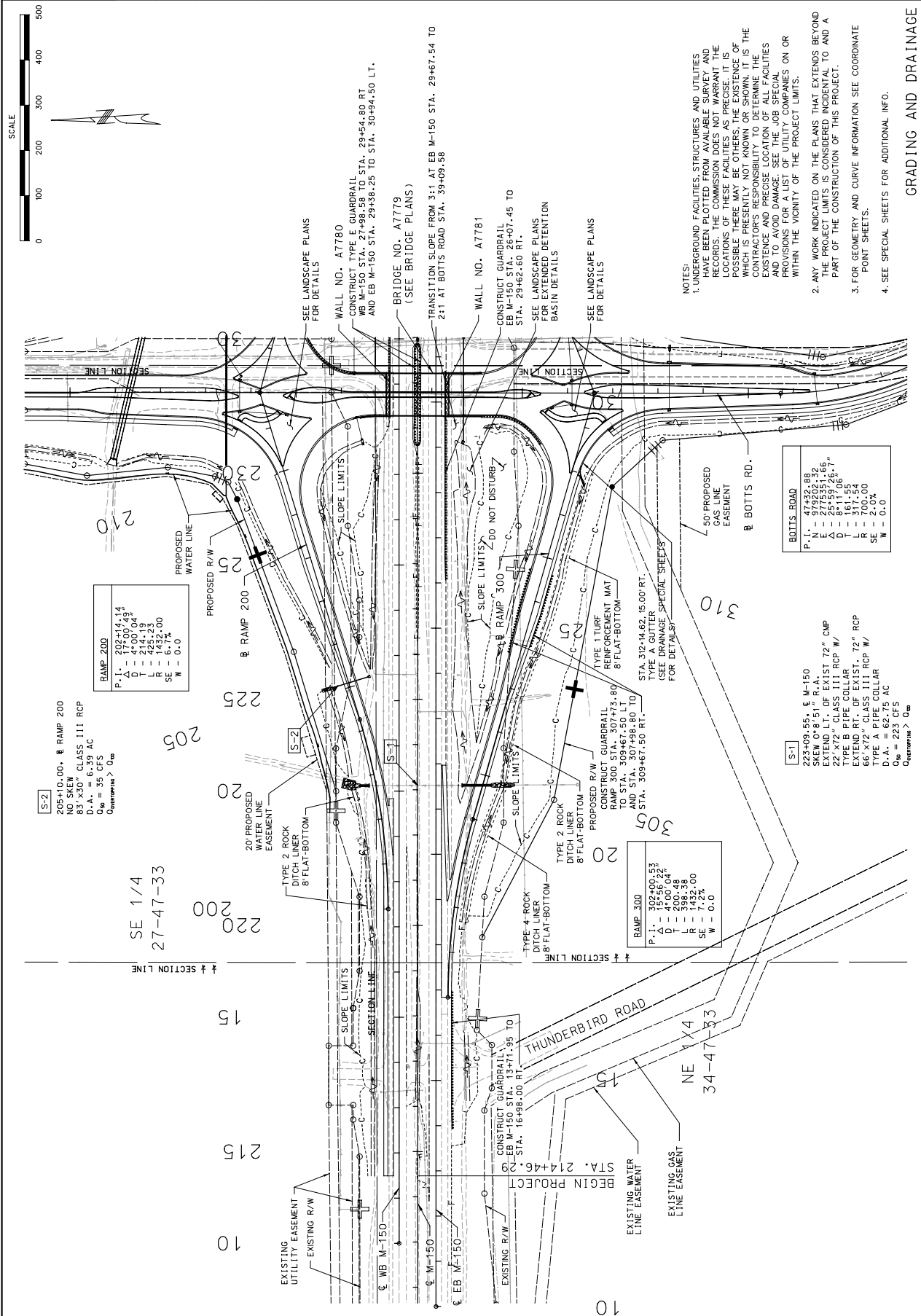
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MDOT (1-888-275-6696)

HNTB

715 KIRK DRIVE
KANSAAS CITY, MO 64105
(816) 472-1201
CERTIFICATE OF AUTHORITY



RAMP 200

P-1	202+14.14
N	47°00'04"
D	4700.04'
T	214.19'
R	435.23'
SE	6.72%
W	0.0%

S-2

205+10.00, RAMP 200
NO SKEW CLASS III RCP
8" x 30" CLASS III RCP
D.A. = 35 CFS
Q _{max} = 223 CFS
Q _{min} = 0 cfs

SE 1/4 27-47-33

P-1	102+00.53
N	47°00'04"
D	4700.04'
T	200.48'
R	1432.00'
SE	7.22%
W	0.0%

BOTTIS ROAD

P-1	47+32.88
N	279°05'26"
D	25+59'26.7"
T	811.06'
R	317.54'
L	700.00'
SE	2.00%
W	0.0%

S-1

223+09.55, RAMP 150
SKEW 0° 8' 51" R.A.
EXTEND L.T. OF EXIST 72" CMP
TYPE 15 PIPE COLLAR
EXTEND RT. OF EXIST 72" RCP
66" x 12" CLASS III RCP W/
TYPE A PIPE COLLAR
D.A. = 62.75 AC
Q _{max} = 223 CFS
Q _{min} = 0 cfs

- NOTES:**
- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEY AND RECORDS. THE COMMISSION DOES NOT WARRANT THE LOCATIONS OF THESE FACILITIES AS PRECISE. IT IS POSSIBLE THERE MAY BE OTHERS. THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ALL UTILITIES AND TO AVOID DAMAGE. SEE THE JOB SPECIAL PROVISIONS FOR A LIST OF UTILITY COMPANIES OR WITHIN THE VICINITY OF THE PROJECT LIMITS.
 - ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.
 - FOR GEOMETRY AND CURVE INFORMATION SEE COORDINATE POINT SHEETS.
 - SEE SPECIAL SHEETS FOR ADDITIONAL INFO.

GRADING AND DRAINAGE

\\kccw001\jobs\47150\Roadway\CD\GradingPlan\004_PP_44P2251_100.dgn

14-32 24-FEB-2010

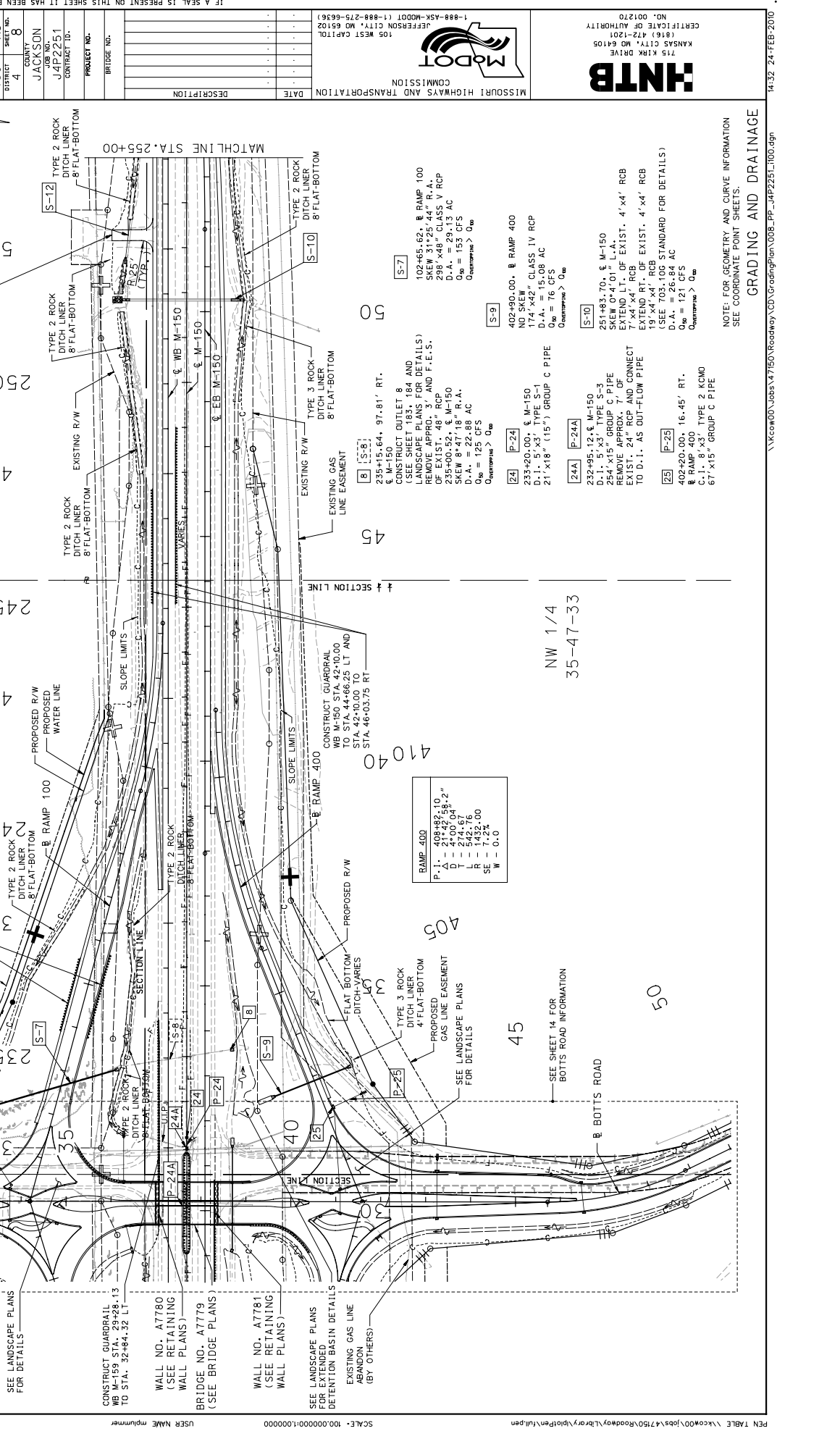
INTB
 715 MIKIK DRIVE
 KANSAS CITY, MO 64105
 (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270

MODOT
 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

DATE PREPARED: 02-19-2010
 DATE FOR CONSTRUCTION: PRELIMINARY
 A. CERTIFIED QUANTITY
 B. CHECKED QUANTITY
 C. CHECKED QUANTITY
 D. CHECKED QUANTITY

ROUTE: 130
 PROJECT NO.: 4
 COUNTY: JACKSON
 JOB NO.: J4P2251
 CONTRACT ID:
 PROJECT NO.:
 BRIDGE NO.:

SW 1/4 26-47-33
 NW 1/4 35-47-33

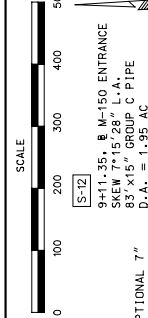


RAMP 100

P.I.	111+35.50
D	15+06.73
L	4+00.04
R	371.48
SE	7.2%
W	0.0%

RAMP 400

P.I.	108+82.10
D	28+22.58
L	4+00.04
R	542.61
SE	7.2%
W	0.0%



SCALE
 0 100 200 300 400 500

SW 1/4 26-47-33
 NW 1/4 35-47-33

9+11.35, $\frac{1}{4}$ M-150 ENTRANCE
 SKEW 7°15'28" L.A.
 83' X 15" GROUP C PIPE
 D.A. = 8.95 AC
 Q_{top} = 8 CFS

TYPE 2 ROCK DITCH LINER
 8' FLAT-BOTTOM

TYPE 2 ROCK DITCH LINER
 8' FLAT-BOTTOM

TYPE 2 ROCK DITCH LINER
 8' FLAT-BOTTOM

TYPE 2 ROCK DITCH LINER
 8' FLAT-BOTTOM

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 8' FLAT-BOTTOM

TYPE 2 ROCK DITCH LINER
 8' FLAT-BOTTOM

TYPE 2 ROCK DITCH LINER
 8' FLAT-BOTTOM

TYPE 2 ROCK DITCH LINER
 8' FLAT-BOTTOM

CONSTRUCT GUARDRAIL
 RAMP 100 STA. 102+82.50
 TO STA. 105+51.30 LT AND
 STA. 102+92.95 RT
 SEE LANDSCAPE PLANS
 FOR DETAILS

CONSTRUCT GUARDRAIL
 RAMP 400 STA. 42+10.00
 TO STA. 44+66.25 LT AND
 STA. 42+10.00 TO
 STA. 46+03.75 RT
 SEE LANDSCAPE PLANS
 FOR DETAILS

CONSTRUCT OUTLET 8
 (SEE SHEET 183, 184 AND
 LANDSCAPE PLANS FOR DETAILS)
 REMOVE APPROX. 3' AND F.E.S.
 OF EXIST. 48" RCP
 SKEW 9°24'18" R.A.
 D.A. = 22.88 AC
 Q_{top} = 125 CFS
 Q_{bottom} > 0

CONSTRUCT GUARDRAIL
 WB M-150 STA. 42+10.00
 TO STA. 44+66.25 LT AND
 STA. 42+10.00 TO
 STA. 46+03.75 RT
 SEE LANDSCAPE PLANS
 FOR DETAILS

CONSTRUCT GUARDRAIL
 WB M-150 STA. 42+10.00
 TO STA. 44+66.25 LT AND
 STA. 42+10.00 TO
 STA. 46+03.75 RT
 SEE LANDSCAPE PLANS
 FOR DETAILS

CONSTRUCT GUARDRAIL
 WB M-150 STA. 42+10.00
 TO STA. 44+66.25 LT AND
 STA. 42+10.00 TO
 STA. 46+03.75 RT
 SEE LANDSCAPE PLANS
 FOR DETAILS

CONSTRUCT GUARDRAIL
 WB M-150 STA. 42+10.00
 TO STA. 44+66.25 LT AND
 STA. 42+10.00 TO
 STA. 46+03.75 RT
 SEE LANDSCAPE PLANS
 FOR DETAILS

CONSTRUCT GUARDRAIL
 WB M-150 STA. 42+10.00
 TO STA. 44+66.25 LT AND
 STA. 42+10.00 TO
 STA. 46+03.75 RT
 SEE LANDSCAPE PLANS
 FOR DETAILS

CONSTRUCT GUARDRAIL
 WB M-150 STA. 42+10.00
 TO STA. 44+66.25 LT AND
 STA. 42+10.00 TO
 STA. 46+03.75 RT
 SEE LANDSCAPE PLANS
 FOR DETAILS

CONSTRUCT GUARDRAIL
 WB M-150 STA. 42+10.00
 TO STA. 44+66.25 LT AND
 STA. 42+10.00 TO
 STA. 46+03.75 RT
 SEE LANDSCAPE PLANS
 FOR DETAILS

CONSTRUCT GUARDRAIL
 WB M-150 STA. 29+28.13
 TO STA. 32+84.32 LT
 SEE LANDSCAPE PLANS
 FOR DETAILS

WALL NO. A7780
 (SEE RETAINING
 WALL PLANS)
 BRIDGE NO. A7779
 (SEE BRIDGE PLANS)

WALL NO. A7781
 (SEE RETAINING
 WALL PLANS)

SEE LANDSCAPE PLANS
 FOR EXTENDED
 DETENTION BASIN DETAILS
 EXISTING GAS LINE
 ABANDON
 (BY OTHERS)

SEE LANDSCAPE PLANS
 FOR EXTENDED
 DETENTION BASIN DETAILS
 EXISTING GAS LINE
 ABANDON
 (BY OTHERS)

SEE LANDSCAPE PLANS
 FOR EXTENDED
 DETENTION BASIN DETAILS
 EXISTING GAS LINE
 ABANDON
 (BY OTHERS)

SEE LANDSCAPE PLANS
 FOR EXTENDED
 DETENTION BASIN DETAILS
 EXISTING GAS LINE
 ABANDON
 (BY OTHERS)

SEE LANDSCAPE PLANS
 FOR EXTENDED
 DETENTION BASIN DETAILS
 EXISTING GAS LINE
 ABANDON
 (BY OTHERS)

SEE LANDSCAPE PLANS
 FOR EXTENDED
 DETENTION BASIN DETAILS
 EXISTING GAS LINE
 ABANDON
 (BY OTHERS)

SEE LANDSCAPE PLANS
 FOR EXTENDED
 DETENTION BASIN DETAILS
 EXISTING GAS LINE
 ABANDON
 (BY OTHERS)

SEE LANDSCAPE PLANS
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SEE LANDSCAPE PLANS
 FOR DETAILS

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

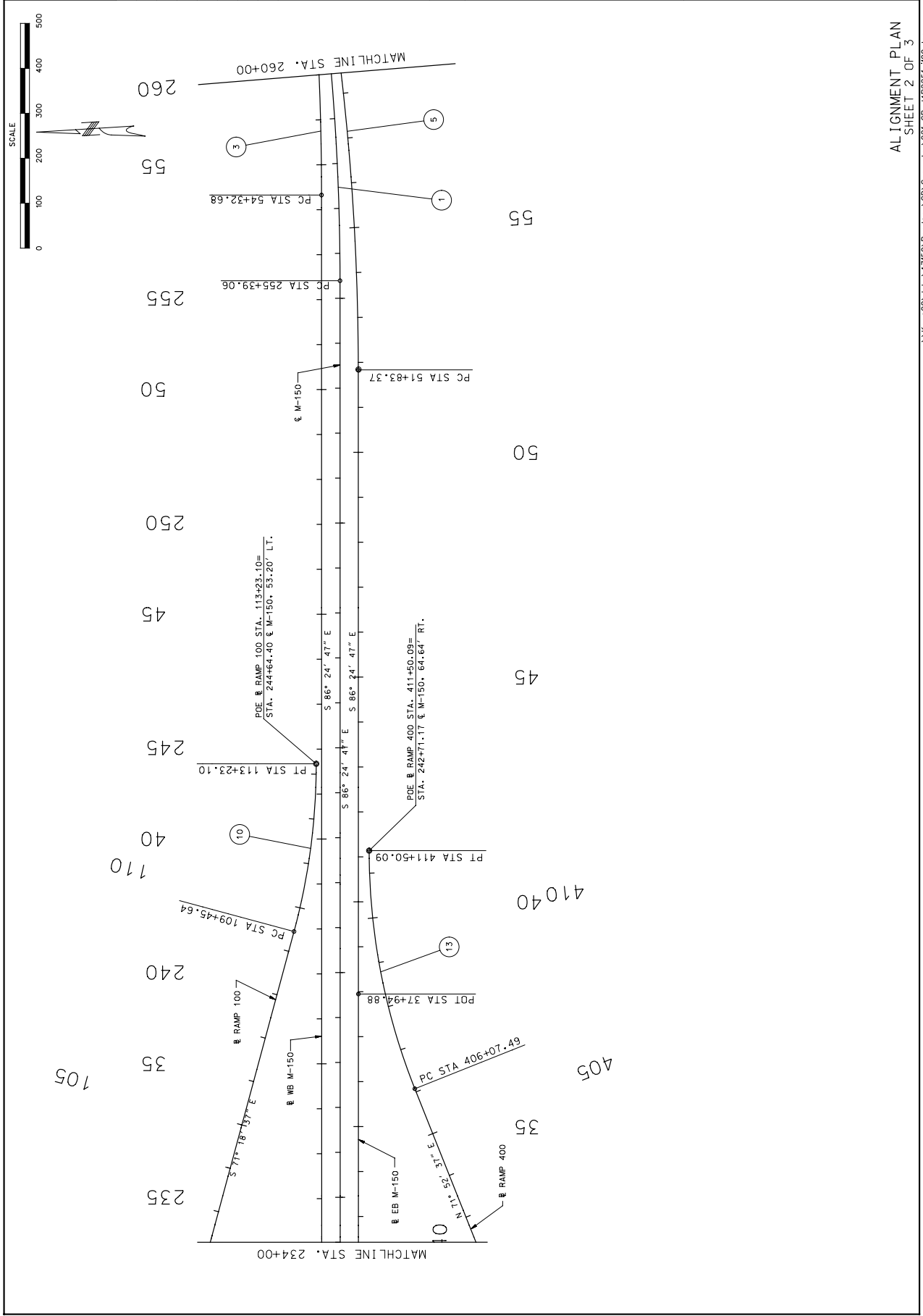


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MOTD (1-888-275-6936)

NO. 001270
CERTIFICATE OF AUTHORITY
(816) 472-1201
715 KIRK DRIVE
KANSAS CITY, MO 64105

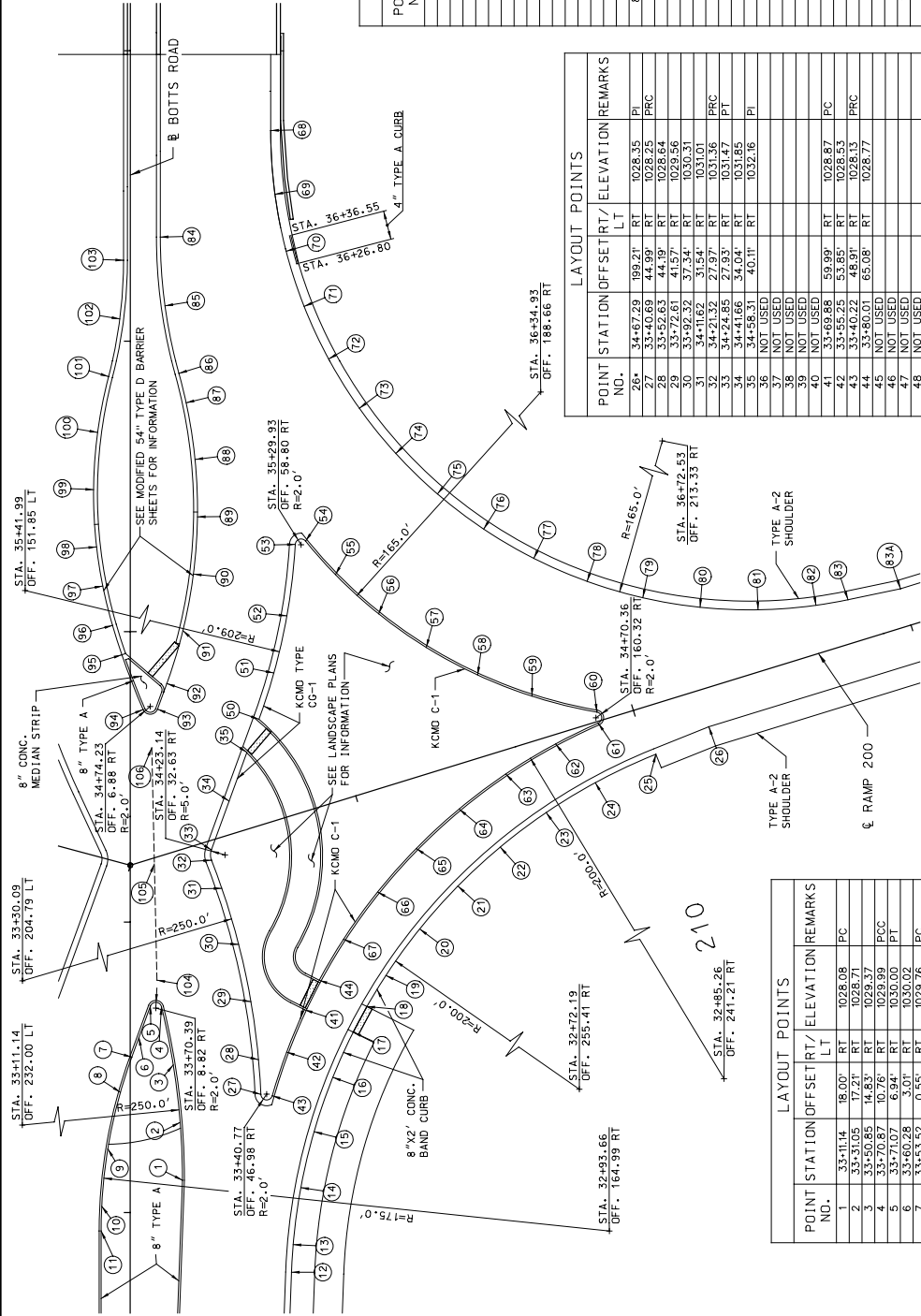
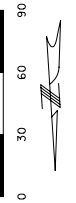
DATE PREPARED: 02-19-2010
DATE: 1-13-10
PROJECT NO.: J4P2251
JOB NO.: JACKSON
COUNTY: JACKSON
SHEET NO.: 21

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



ALIGNMENT PLAN
SHEET 2 OF 3

DATE PREPARED	02-19-2010
ROUTE	130
PROJECT	25
COUNTY	JACKSON
JOB NO.	J4P2251
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



POINT NO.	LAYOUT POINTS		REMARKS
	STATION	OFFSET	
1	33+111.4	18.00' RT	1028.08 PC
2	33+310.5	17.21' RT	1028.71
3	33+508.5	14.63' RT	1029.37 PCC
4	33+706.7	10.76' RT	1029.99
5	33+709.7	6.94' RT	1030.00 PT
6	33+553.2	0.55' RT	1029.76 PC
7	33+413.9	3.37' RT	1029.31
8	33+219.5	7.70' LT	1028.63
9	33+021.5	9.60' LT	1027.98
10	32+936.6	10.07' LT	1027.71 PT
11	32+888.9	5.32' RT	1026.83 PC
12	32+888.9	5.32' RT	1026.83
13	33+058.9	5.87' RT	1026.52
14	33+258.8	6.31' RT	1027.08
15	33+465.7	6.76' RT	1027.62
16	33+662.1	7.17' RT	1028.05
17	33+709.4	8.19' RT	1028.30
18	33+709.4	8.19' RT	1028.30
19	33+709.4	8.19' RT	1028.30
20	34+12.4	12.82' RT	1029.18
21	34+12.4	12.82' RT	1029.18
22	34+258.4	12.78' RT	1029.35
23	34+377.4	14.32' RT	1029.12
24	34+486.2	16.01' RT	1028.66
25	34+578.2	18.06' RT	1028.56 PT

POINT NO.	LAYOUT POINTS		REMARKS
	STATION	OFFSET	
26	34+67.29	109.21' RT	1028.35 PI
27	33+480.69	44.99' RT	1028.25 PRC
28	33+525.63	44.19' RT	1028.64
29	33+726.1	41.57' RT	1029.56
30	33+92.32	37.34' RT	1030.31
31	34+116.2	31.84' RT	1031.01
32	34+248.5	27.33' RT	1031.47 PRC
33	34+248.5	27.33' RT	1031.47
34	34+416.6	34.04' RT	1031.85
35	34+583.1	40.11' RT	1032.16 PI
36	NOT USED		
37	NOT USED		
38	NOT USED		
39	NOT USED		
40	NOT USED		
41	33+698.88	59.99' RT	1028.87 PC
42	33+552.5	53.85' RT	1028.53
43	33+402.22	48.91' RT	1028.13 PRC
44	33+80.01	65.08' RT	1028.77
45	NOT USED		
46	NOT USED		
47	NOT USED		
48	NOT USED		
49	NOT USED		
50	34+698.84	44.30' RT	1032.18 PI
51	34+857.6	49.44' RT	1032.58
52	35+307.4	52.92' RT	1033.76
53	35+307.4	52.92' RT	1033.76
54	35+318.8	60.36' RT	1033.76 PRC
55	35+186.2	70.65' RT	1033.14
56	35+06.14	85.52' RT	1032.41
57	34+94.57	101.92' RT	1031.67
58	34+85.08	109.60' RT	1030.95
59	34+772.3	136.66' RT	1029.68
60	34+772.3	136.66' RT	1029.68
61	34+668.52	161.12' RT	1029.58 PRC
62	34+613.8	146.43' RT	1029.78
63	34+510.0	129.27' RT	1030.03
64	34+389.9	113.23' RT	1030.24
65	34+253.36	98.48' RT	1030.25
66	34+102.36	83.42' RT	1029.99
67	33+94.10	73.42' RT	1029.64

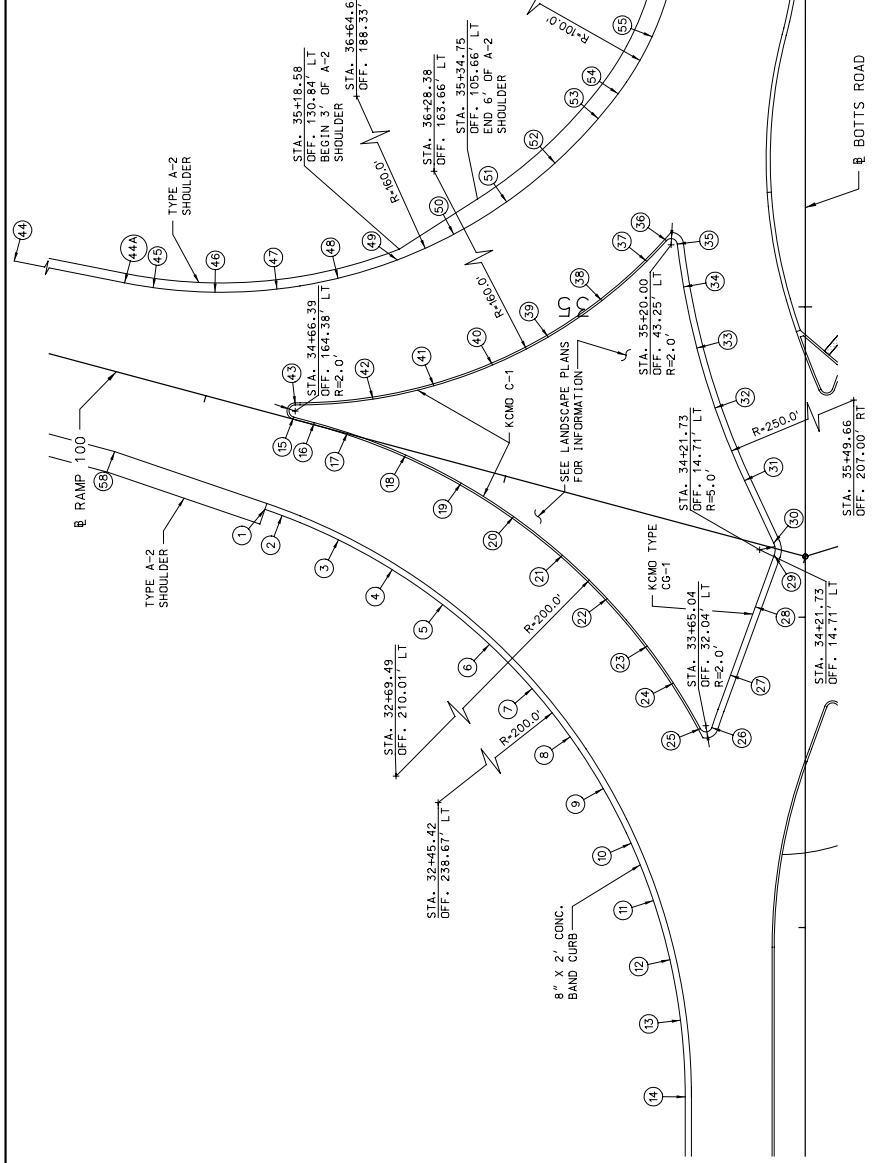
POINT NO.	LAYOUT POINTS		REMARKS
	STATION	OFFSET	
68	36+72.53	48.33' RT	1036.10 PC
69	36+92.9	53.65' RT	1036.59
70	36+30.98	53.65' RT	1035.59
71	36+119.8	59.84' RT	1035.09
72	35+93.86	68.29' RT	1034.46
73	35+76.90	78.67' RT	1033.66
74	35+61.34	91.42' RT	1032.70
75	35+47.42	105.75' RT	1031.72
76	35+35.25	138.53' RT	1030.99
77	35+25.25	138.53' RT	1030.99
78	35+17.54	157.29' RT	1029.67
79	35+11.70	176.46' RT	1029.26
80	35+08.42	196.18' RT	1028.85
81	35+07.55	216.15' RT	1028.39
82	35+09.10	236.08' RT	1027.84
83	35+14.80	265.18' RT	1026.83
84	35+14.80	265.18' RT	1026.83
85	36+12.16	11.94' RT	1036.41
86	35+88.92	16.74' RT	1035.89
87	35+78.80	19.23' RT	1035.42
88	35+59.27	22.79' RT	1034.76
89	35+44.14	27.33' RT	1033.73
90	35+19.81	31.41' RT	1033.29
91	35+00.38	38.13' RT	1033.29
92	34+82.13	42.60' RT	1033.04
93	34+73.32	47.99' RT	1032.89
94	34+73.32	47.99' RT	1032.89
95	35+02.2	2.86' RT	1033.74
96	35+15.69	9.47' RT	1034.06
97	35+15.69	9.47' RT	1034.06
98	35+29.17	11.60' RT	1034.41
99	35+48.89	12.64' RT	1034.68
100	35+68.58	11.24' RT	1035.19
101	35+87.81	7.47' RT	1036.08
102	36+27.86	2.31' RT	1036.55
103	36+27.86	2.31' RT	1036.55
104	33+80.00	9.21' RT	1030.01
105	34+20.00	8.31' RT	1031.22
106	34+60.00	7.42' RT	1032.43

NOTE:
 1. ALL STATION AND OFFSETS ARE TO EDGE OF PAVEMENT.
 2. ALL STATIONS, OFFSETS, ELEVATIONS AND DIMENSIONS ARE TO THE TOP BACK OF CURB UNLESS OTHERWISE NOTED.
 3. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.

NOTE:
 1. ALL STATION AND OFFSETS ARE TO EDGE OF PAVEMENT.
 2. ALL STATIONS, OFFSETS, ELEVATIONS AND DIMENSIONS ARE TO THE TOP BACK OF CURB UNLESS OTHERWISE NOTED.
 3. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.

INTERSECTION DETAILS
 BOTTS RD. AND RAMP 200
 SPECIAL SHEET 2 OF 27

SCALE
0 30 60 90



POINT NO.	STATION	OFFSET/TYPE	ELEVATION	REMARKS
44	35+17.51	268.85' LT	1023.65	PI
44A	35+07.72	219.38' LT	1024.84	PC
45	35+07.72	107.06' LT	1025.59	PT
46	35+04.69	60.23' LT	1025.92	PT
47	35+05.70	170.27' LT	1026.12	PT
48	35+09.19	150.59' LT	1026.86	PT
49	35+15.11	131.50' LT	1027.84	PT
50	35+23.36	113.30' LT	1028.97	PT
51	35+33.92	96.26' LT	1030.31	PT
52	35+46.67	76.75' LT	1031.96	PT
53	35+60.87	66.75' LT	1033.92	PT
54	35+68.68	60.33' LT	1035.92	PCC
55	35+67.08	49.39' LT	1034.51	PT
56	36+07.39	42.62' LT	1035.27	PT
57	36+28.68	40.33' LT	1035.78	PT
58	34+53.34	122.56' LT	1025.17	PT

POINT NO.	STATION	OFFSET/TYPE	ELEVATION	REMARKS
1	34+34.73	174.15' LT	1026.35	PC
2	34+32.75	168.62' LT	1026.50	PT
3	34+31.91	163.14' LT	1027.01	PT
4	34+31.91	157.66' LT	1027.40	PT
5	34+04.04	116.86' LT	1027.78	PT
6	33+91.23	101.78' LT	1028.01	PT
7	33+76.98	88.04' LT	1028.20	PT
8	33+61.45	75.77' LT	1028.21	PT
9	33+44.78	65.10' LT	1027.89	PT
10	33+27.69	48.94' LT	1027.66	PT
11	33+08.39	48.94' LT	1027.66	PT
12	32+89.82	43.62' LT	1026.27	PT
13	32+70.12	40.20' LT	1025.70	PT
14	32+45.42	36.67' LT	1024.92	PT
15	34+64.45	164.69' LT	1027.48	PT
16	34+62.67	158.22' LT	1027.65	PT
17	34+59.75	152.74' LT	1028.32	PT
18	34+52.25	136.70' LT	1028.42	PT
19	34+43.20	110.89' LT	1028.82	PT
20	34+32.40	93.99' LT	1029.09	PT
21	34+18.96	78.25' LT	1029.28	PT
22	34+06.00	63.84' LT	1029.45	PT
23	33+90.68	50.91' LT	1029.52	PT
24	33+74.41	41.41' LT	1029.52	PT
25	33+64.09	33.80' LT	1028.37	PRC
26	33+64.42	30.13' LT	1028.75	PT
27	33+81.31	24.10' LT	1029.88	PT
28	34+03.35	16.08' LT	1030.72	PT
29	34+20.02	10.01' LT	1031.35	PC
30	34+23.84	10.88' LT	1031.47	PT
31	34+26.43	11.43' LT	1031.68	PT
32	34+67.43	29.09' LT	1032.18	PT
33	34+86.72	34.95' LT	1032.94	PT
34	35+06.41	39.23' LT	1033.55	PT
35	35+20.24	41.27' LT	1033.97	PRC
36	35+21.34	44.74' LT	1033.66	PRC
37	35+14.69	51.05' LT	1033.18	PRC
38	35+14.69	51.05' LT	1033.18	PRC
39	34+90.29	82.86' LT	1030.95	PT
40	34+81.26	100.78' LT	1029.97	PT
41	34+74.54	119.70' LT	1029.10	PT
42	34+70.25	139.30' LT	1028.33	PT
43	34+68.39	164.37' LT	1027.52	PRC

NOTES:
 1. ALL STATION AND OFFSETS ARE TO
 ☉ BOTTS ROAD UNLESS OTHERWISE NOTED.
 2. ALL STATIONS, OFFSETS, ELEVATIONS AND
 DIMENSIONS ARE TO THE TYPE BACK OF
 CURB UNLESS OTHERWISE NOTED.
 3. SEE LANDSCAPE PLANS FOR ADDITIONAL
 INFORMATION.

INTERSECTION DETAILS
 BOTTS RD. AND RAMP 100
 SPECIAL SHEET 3 OF 27

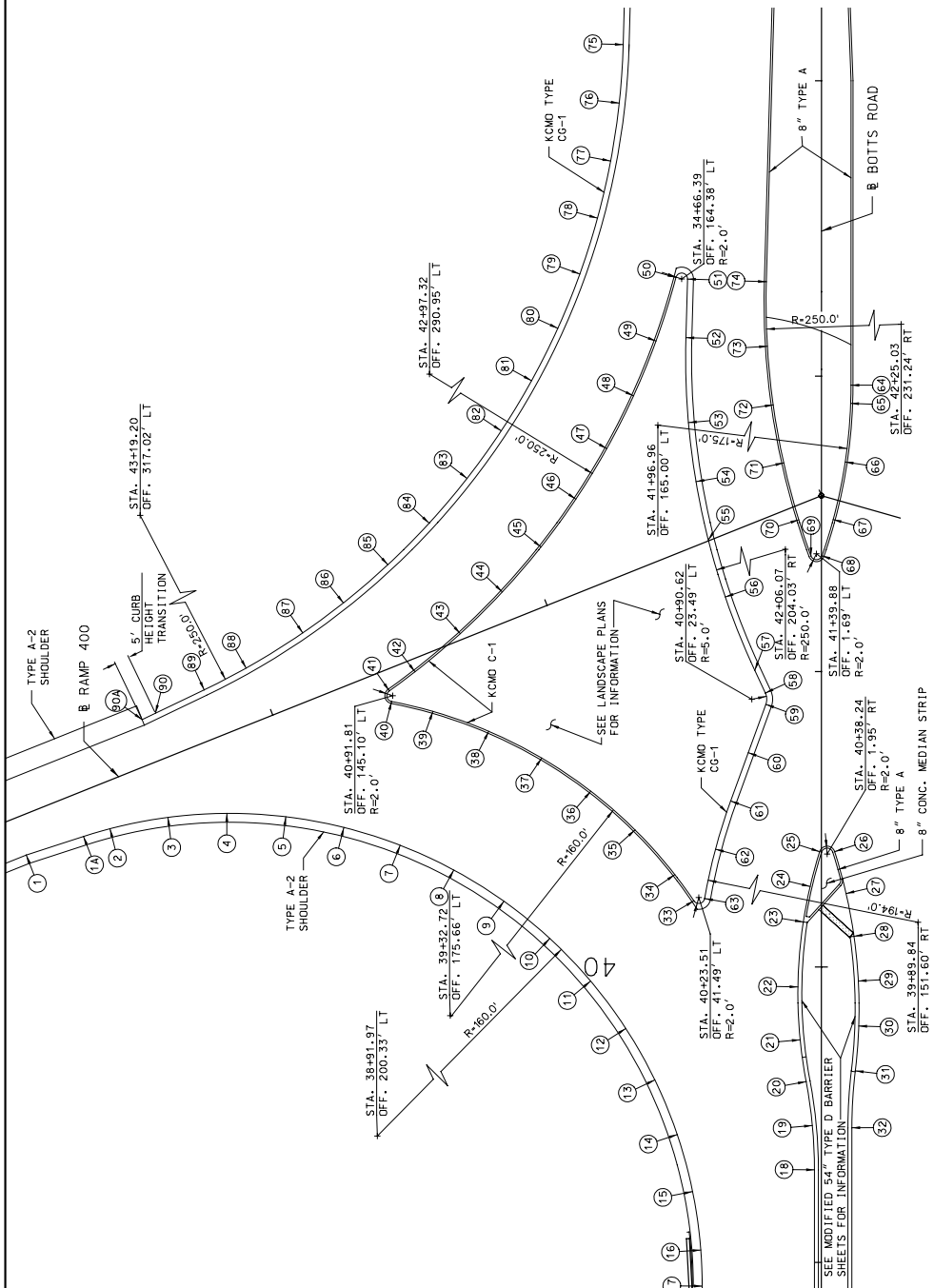
DATE PREPARED: 02-19-2010
 STATE: MO
 COUNTY: JACKSON
 PROJECT NO.: J4P2251
 CONTRACT ID:
 BRIDGE NO.:
 JOB NO.:
 SHEET NO.: 4

DESCRIPTION: MISSOURI HIGHWAYS AND TRANSPORTATION
 DATE:
 IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MDOT (1-888-275-6636)

HNTB
 715 MIKE DRIVE
 KANSAS CITY, MO 64105
 (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270

SCALE
0 30 60 90



LAYOUT POINTS **

POINT NO.	STATION	OFFSET/RT/ LT	ELEVATION	REMARKS
1	40+37.86	269.12' LT	1035.27	PI
2	40+44.15	249.76' LT	1036.27	PC
3	40+46.77	240.76' LT	1036.52	
4	40+50.61	221.17' LT	1037.61	
5	40+51.97	201.23' LT	1038.06	
6	40+50.83	181.27' LT	1038.06	
7	40+47.18	162.56' LT	1038.73	
8	40+42.81	124.41' LT	1038.95	
9	40+22.25	107.44' LT	1039.1	
10	40+09.65	91.93' LT	1039.18	
11	39+95.22	76.10' LT	1039.18	
12	39+79.19	66.18' LT	1039.11	
13	39+63.24	58.78' LT	1038.83	
14	39+47.28	48.78' LT	1038.62	
15	39+23.98	43.58' LT	1038.62	
16	39+04.19	40.80' LT	1038.45	
17	38+19.97	40.33' LT	1038.35	PT
18	39+31.34	2.33' LT	1038.54	PC
19	39+46.34	3.03' LT	1038.77	
20	39+57.56	7.18' LT	1038.86	
21	39+75.36	7.18' LT	1038.86	PRC
22	39+93.25	7.94' LT	1039.99	
23	40+15.24	6.12' LT	1040.31	
24	40+27.25	3.81' LT	1040.5	
25	40+39.04	0.60' LT	1040.86	PCC
26	40+39.05	4.50' RT	1040.73	PCC
27	40+40.40	11.04' RT	1040.05	
28	39+95.25	12.51' RT	1039.88	
29	39+80.02	12.67' RT	1039.74	
30	39+64.84	11.49' RT	1039.7	PRC
31	39+45.59	10.33' RT	1039.49	PT
32				

** ALL LAYOUT POINTS IN THIS TABLE ARE LOCATED AT THE EDGE OF PAVEMENT.

LAYOUT POINTS

POINT NO.	STATION	OFFSET/RT/ LT	ELEVATION	REMARKS
78	42+53.49	75.81' LT	1041.48	
79	42+34.57	81.78' LT	1041.1	
80	42+16.19	89.23' LT	1040.65	
81	41+98.45	95.11' LT	1040.25	
82	41+81.48	108.37' LT	1039.66	
83	41+65.37	119.95' LT	1039.53	
84	41+50.15	131.49' LT	1038.87	
85	41+35.15	146.74' LT	1038.87	
86	41+23.23	161.79' LT	1038.54	
87	41+13.08	175.55' LT	1038.25	
88	41+01.16	194.72' LT	1037.84	
89	40+93.78	208.92' LT	1037.49	PT
90	40+86.97	223.94' LT	1036.80	
90A	40+86.21	223.92' LT	1036.54	

NOTES:
 1. ALL STATION AND OFFSETS ARE TO & BOTTS ROAD UNLESS OTHERWISE NOTED.
 2. ALL STATIONS, OFFSETS, ELEVATIONS AND CURB UNLESS OTHERWISE NOTED.
 3. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.

INTERSECTION DETAILS
 BOTTS RD. AND RAMP 400
 SPECIAL SHEET 4 OF 27

LAYOUT POINTS

POINT NO.	STATION	OFFSET/RT/ LT	ELEVATION	REMARKS
63	40+23.17	39.52' LT	1040.14	PRC
64	41+96.95	10.00' RT	1042.59	PC
65	41+90.78	9.89' RT	1042.55	
66	41+70.95	8.06' RT	1042.38	
67	41+51.46	3.99' RT	1042.27	PCC
68	41+39.12	3.56' RT	1042.03	PCC
69	41+51.37	7.66' LT	1042.20	
70	41+70.64	12.77' LT	1042.28	
71	41+90.26	16.33' LT	1042.40	
72	41+90.26	16.33' LT	1042.40	
73	42+10.11	18.52' LT	1042.51	PT
74	42+31.99	18.66' LT	1042.5	PT
75	42+49.44	68.46' LT	1043.32	PC
76	42+92.44	68.46' LT	1043.32	
77	42+72.82	71.36' LT	1042.00	

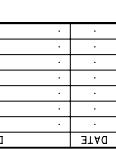
LAYOUT POINTS

POINT NO.	STATION	OFFSET/RT/ LT	ELEVATION	REMARKS
48	41+93.34	63.60' LT	1041.12	
49	42+11.89	56.00' LT	1041.48	
50	42+33.42	49.25' LT	1041.89	PRC
51	42+32.85	45.32' LT	1041.98	PT
52	42+33.03	45.87' LT	1041.78	PC
53	41+54.59	42.45' LT	1041.38	
54	41+44.57	38.29' LT	1041.21	
55	41+25.25	32.54' LT	1041.1	
56	41+00.42	22.55' LT	1041.18	PC
57	40+99.91	137.56' LT	1039.27	
58	40+92.73	18.96' LT	1041.17	PT
59	40+89.91	18.90' LT	1041.14	PT
60	40+86.19	30.70' LT	1040.59	PC
61	40+56.19	30.70' LT	1040.59	
62	40+39.87	35.84' LT	1040.38	PC

LAYOUT POINTS

POINT NO.	STATION	OFFSET/RT/ LT	ELEVATION	REMARKS
33	40+22.39	43.15' LT	1040.01	PRC
34	40+31.26	49.60' LT	1039.97	
35	40+46.39	63.06' LT	1039.91	
36	40+59.49	78.03' LT	1039.85	
37	40+70.71	94.67' LT	1039.79	
38	40+82.56	131.49' LT	1039.46	
39	40+86.55	131.49' LT	1039.4	
40	40+89.85	145.47' LT	1039.14	PRC
41	40+93.45	146.25' LT	1038.74	
42	40+99.91	137.56' LT	1039.27	PRC
43	41+12.83	122.23' LT	1039.56	
44	41+25.94	107.99' LT	1039.66	
45	41+39.36	93.13' LT	1040.44	
46	41+56.32	83.13' LT	1040.44	
47	41+75.46	72.66' LT	1040.75	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6696)



DATE: _____
 DESCRIPTION: _____
 PROJECT NO.: _____
 BRIDGE NO.: _____
 CONTRACT ID: _____
 JOB NO.: _____
 COUNTY: JACKSON
 DATE PREPARED: 02-19-2010
 DRAWN BY: J4P2251
 CHECKED BY: _____
 IN CHARGE: _____
 PREPARED BY: _____
 NOT FOR CONSTRUCTION

HNTB
 715 MIKKA DRIVE
 KANSAS CITY, MO 64105
 (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270

THE ROAD SHOULDER
 SHALL BE 4' WIDE
 A CENTER POOLIDGE
 PRELIMINARY
 NOT FOR CONSTRUCTION

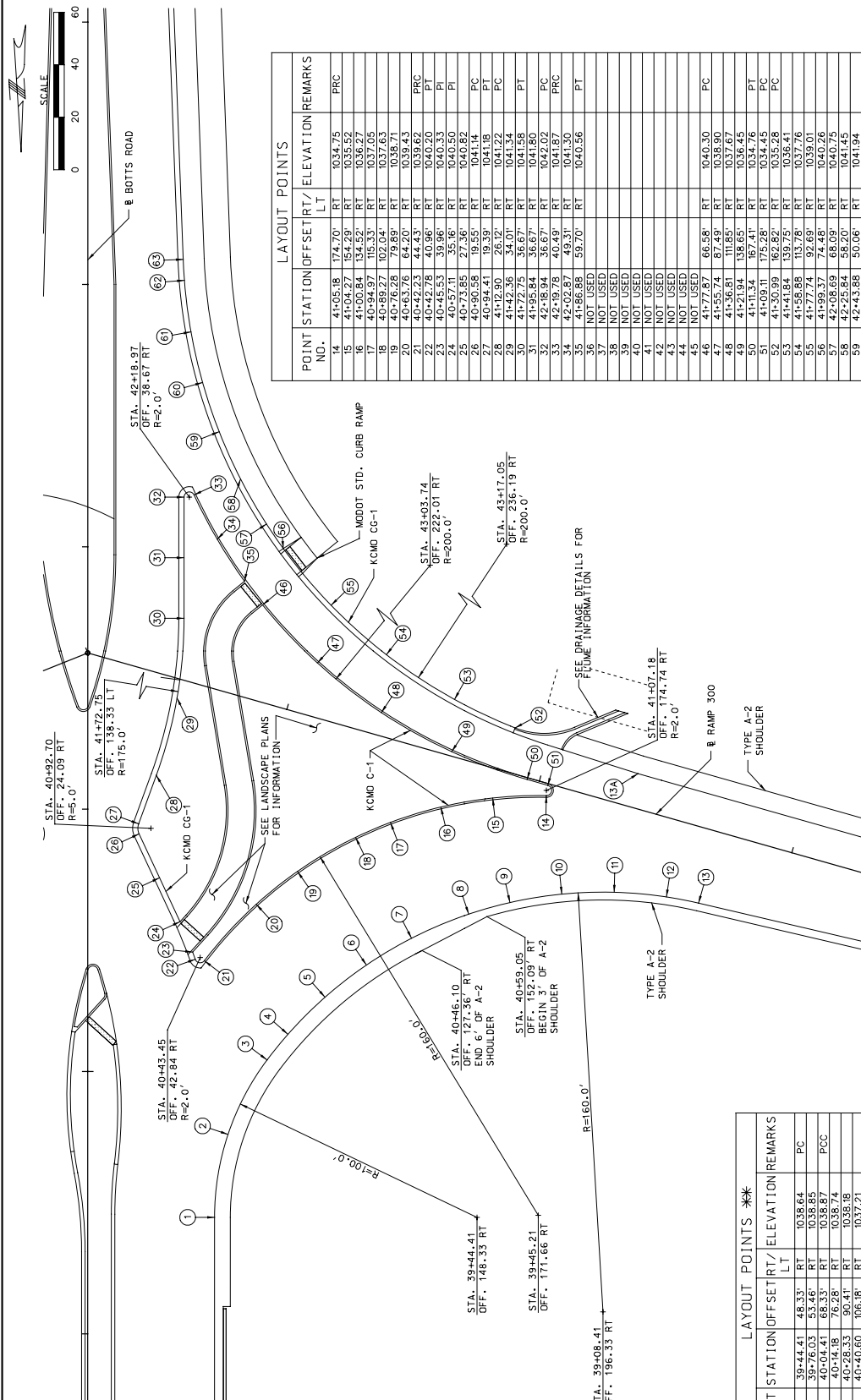
DATE PREPARED
 02-19-2010
 DRAWN BY
 JMD
 CHECKED BY
 JMD
 COUNTY
 JACKSON
 PROJECT NO.
 J4P2251
 CONTRACT ID.
 BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65101
 1-888-ASK-MOTD (1-888-275-6636)

HNTB
 715 MIKKA DRIVE
 KANSAS CITY, MO 64105
 (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270

INTERSECTION DETAILS
 BOTTS RD. AND RAMP 300
 SPECIAL SHEET 5 OF 27

PEN TABLE \\kcow00\jobs\47150\Roadway\Library\piper\pen\kcowpen
 SCALE: 20.000000:1.000000
 USER NAME mjplummer



LAYOUT POINTS

POINT NO.	STATION	OFFSET	RT/LT	ELEVATION	REMARKS
1	39+44.41	48.33	RT	1038.64	PC
2	39+76.03	53.46	RT	1038.85	
3	40+04.41	58.53	RT	1038.97	PCC
4	40+28.33	60.41	RT	1038.98	
5	40+40.60	106.18	RT	1037.21	
6	40+50.80	123.37	RT	1036.05	
7	40+60.00	145.15	RT	1034.86	
8	40+64.43	160.87	RT	1034.16	
9	40+67.63	180.59	RT	1033.31	
10	40+69.58	200.24	RT	1032.31	
11	40+69.58	220.24	RT	1031.63	
12	40+69.58	240.24	RT	1031.20	
13	40+64.22	232.72	RT	1031.20	PT
13A	41+13.57	209.64	RT	1032.86	PI

LAYOUT POINTS

POINT NO.	STATION	OFFSET	RT/LT	ELEVATION	REMARKS
14	41+05.39	174.70	RT	1034.75	PRC
15	41+05.39	194.70	RT	1034.75	
16	41+00.84	134.52	RT	1032.27	
17	40+94.97	115.33	RT	1032.05	
18	40+89.27	102.04	RT	1032.63	
19	40+76.28	79.89	RT	1036.71	
20	40+63.76	64.20	RT	1039.43	PRC
21	40+42.23	44.43	RT	1039.62	
22	40+22.80	25.06	RT	1043.33	
23	40+15.53	39.96	RT	1043.33	
24	40+57.11	35.16	RT	1040.50	PI
25	40+73.85	27.36	RT	1040.82	
26	40+90.58	19.55	RT	1041.14	PC
27	40+94.41	19.39	RT	1041.18	PT
28	41+12.36	59.02	RT	1041.72	PC
29	41+12.36	79.02	RT	1041.72	
30	41+72.75	36.67	RT	1041.58	PT
31	41+95.84	36.67	RT	1041.80	PC
32	42+18.94	36.67	RT	1042.02	
33	42+19.78	40.49	RT	1041.87	PRC
34	42+02.87	49.31	RT	1041.30	
35	42+02.87	69.31	RT	1041.30	
36	42+02.87	89.31	RT	1040.56	PT
37	NOT USED				
38	NOT USED				
39	NOT USED				
40	NOT USED				
41	NOT USED				
42	NOT USED				
43	NOT USED				
44	NOT USED				
45	NOT USED				
46	41+77.87	66.58	RT	1040.30	PC
47	41+55.74	87.49	RT	1038.90	
48	41+36.81	108.85	RT	1037.67	
49	41+18.86	130.36	RT	1036.66	
50	41+11.34	152.41	RT	1034.76	PT
51	41+09.11	175.28	RT	1034.45	PC
52	41+30.99	162.82	RT	1035.28	
53	41+41.84	139.75	RT	1036.41	PC
54	41+58.89	113.78	RT	1037.76	
55	41+77.74	92.69	RT	1039.01	
56	42+00.00	71.60	RT	1040.26	
57	42+08.69	66.09	RT	1040.75	
58	42+25.84	56.20	RT	1041.45	
59	42+43.88	50.06	RT	1041.94	
60	42+62.64	43.73	RT	1042.40	
61	42+81.93	39.30	RT	1042.82	
62	43+01.57	36.79	RT	1043.20	
63	43+09.95	36.33	RT	1043.33	PT

NOTES:
 1- ALL STATION AND OFFSETS ARE TO
 8 BOTTS ROAD UNLESS OTHERWISE NOTED.
 2- ALL STATIONS, OFFSETS, ELEVATIONS AND
 DIMENSIONS ARE TO THE TOP BACK OF
 CURB UNLESS OTHERWISE NOTED.
 3- SEE LANDSCAPE PLANS FOR ADDITIONAL
 INFORMATION

STA. 40+42.70
 OFF. 24.09 RT
 R=5.0'

STA. 41+72.75
 OFF. 138.33 LT
 R=175.0'

STA. 42+19.37
 OFF. 36.67 RT
 R=2.0'

STA. 40+43.45
 OFF. 42.84 RT
 R=2.0'

STA. 40+46.10
 OFF. 127.36 RT
 END 6' OF A-2
 SHOULDER

STA. 40+59.05
 OFF. 152.09 RT
 BEGIN 3' OF A-2
 SHOULDER

STA. 41+07.18
 OFF. 174.74 RT
 R=2.0'

STA. 43+03.74
 OFF. 222.01 RT
 R=200.0'

STA. 43+17.06
 OFF. 236.19 RT
 R=200.0'

R=100.0'

R=160.0'

TYPE A-2 SHOULDER

TYPE A-2 SHOULDER

TYPE A-2 SHOULDER

KCMD C-1

KCMD C-1

MDDOT STD. CURB RAMP

SEE LANDSCAPE PLANS FOR INFORMATION

SEE DRAINAGE DETAILS FOR FLOW INFORMATION

R RAMP 300

PEN TABLE \\kcow00\jobs\47150\Roadway\Library\piper\pen\kcowpen
 SCALE: 20.000000:1.000000
 USER NAME mjplummer

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

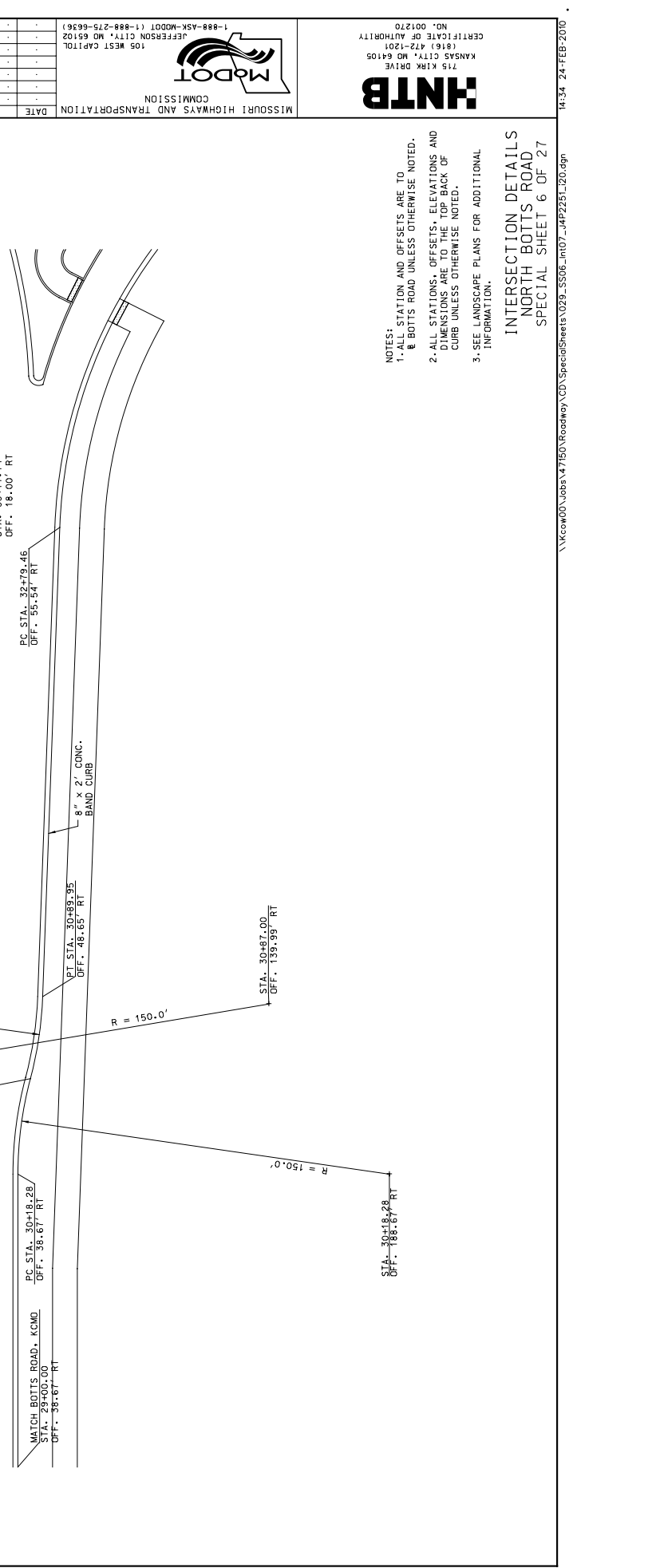
DATE PREPARED: 02-19-2010
 STATE: MO
 COUNTY: JACKSON
 PROJECT NO.: J4P2251
 BRIDGE NO.:
 CONTRACT ID:
 JOB NO.:
 PRELIMINARY: NOT FOR CONSTRUCTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

NOTES:
 1. ALL STATION AND OFFSETS ARE TO BOTTS ROAD UNLESS OTHERWISE NOTED.
 2. ALL STATIONS, OFFSETS, ELEVATIONS AND DIMENSIONS ARE TO THE TOP BACK OF CURB UNLESS OTHERWISE NOTED.
 3. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.

INTERSECTION DETAILS
 NORTH BOTTS ROAD
 SPECIAL SHEET 6 OF 27

SCALE: 1" = 40'



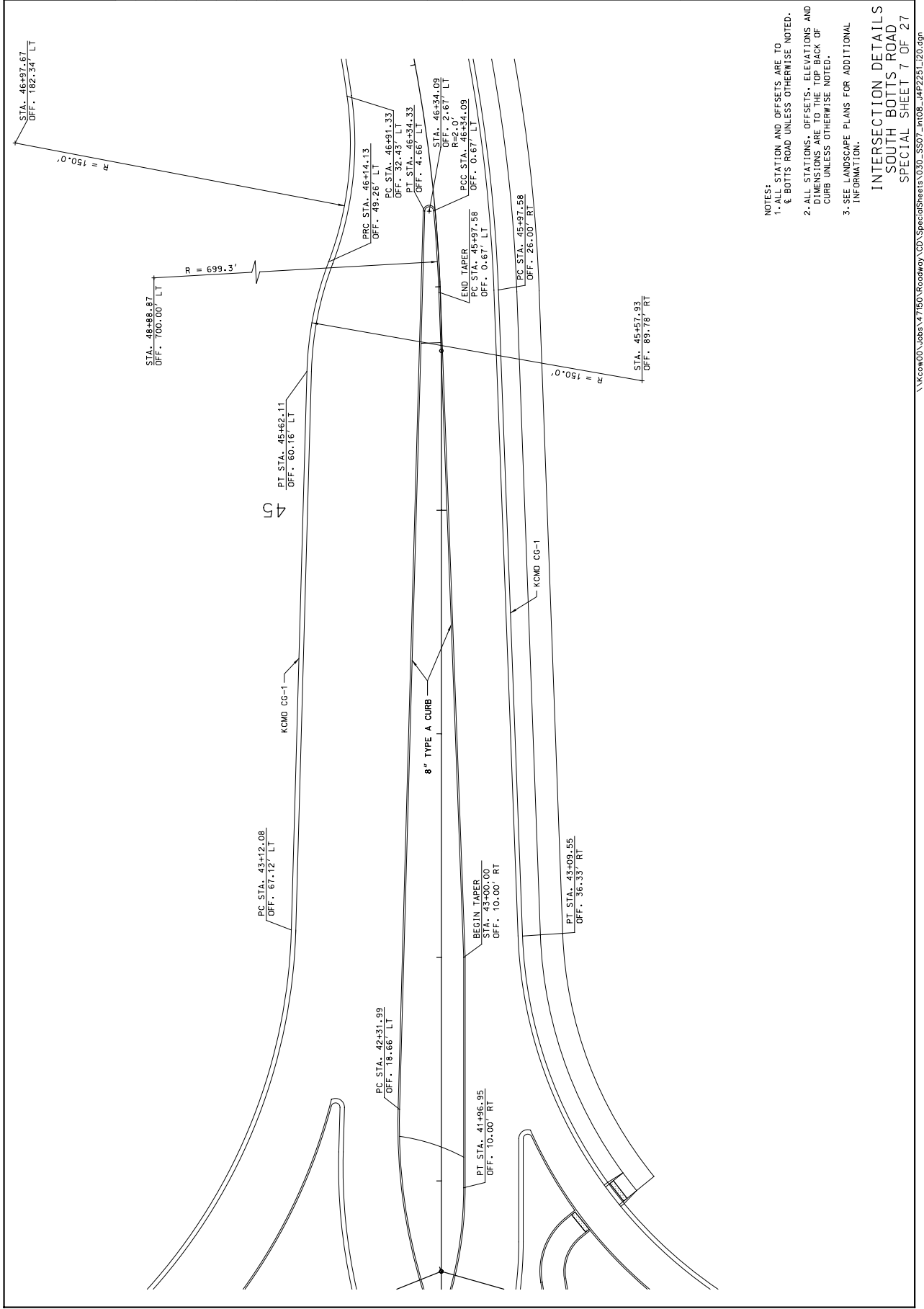
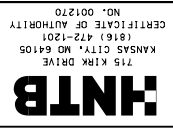
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6936)

DATE DESCRIPTION

DESCRIPTION

DATE PREPARED 02-19-2010
 TIME 1:30 PM
 DRAWN BY JMS
 COUNTY 30
 PROJECT NO. JACKSON
 JOB NO. J4P2251
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.
 SHEET NO. 4

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



- NOTES:
1. ALL STATION AND OFFSETS ARE TO & BOTTS ROAD UNLESS OTHERWISE NOTED.
 2. ALL STATIONS, OFFSETS, ELEVATIONS AND DIMENSIONS ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.
 3. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.

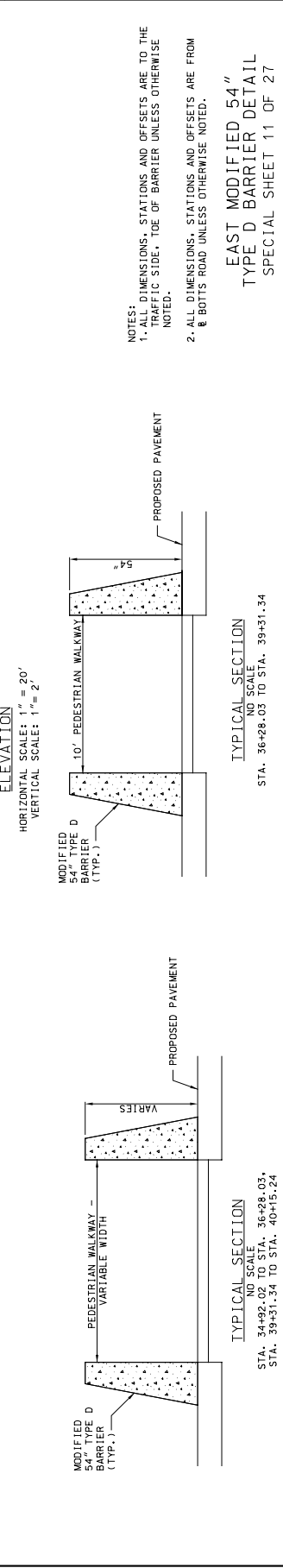
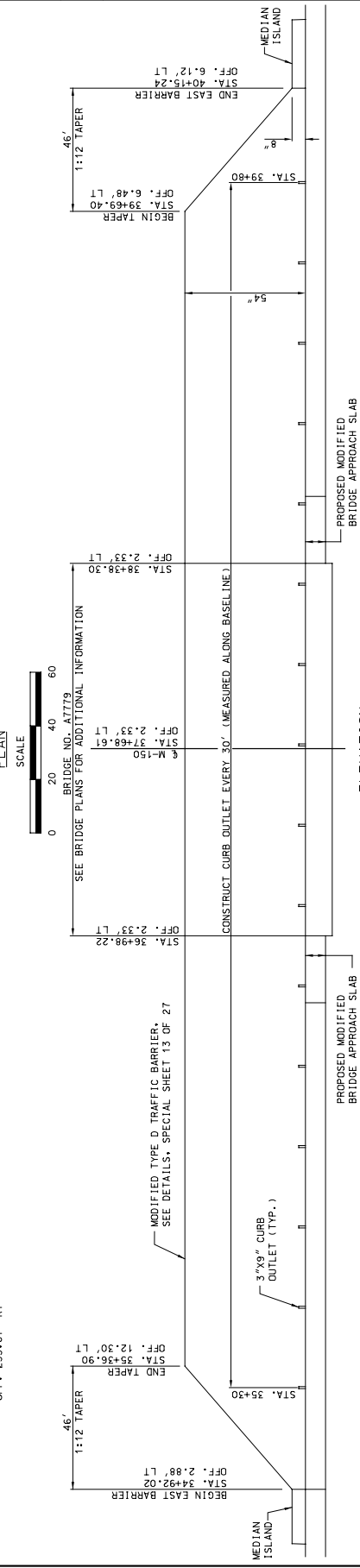
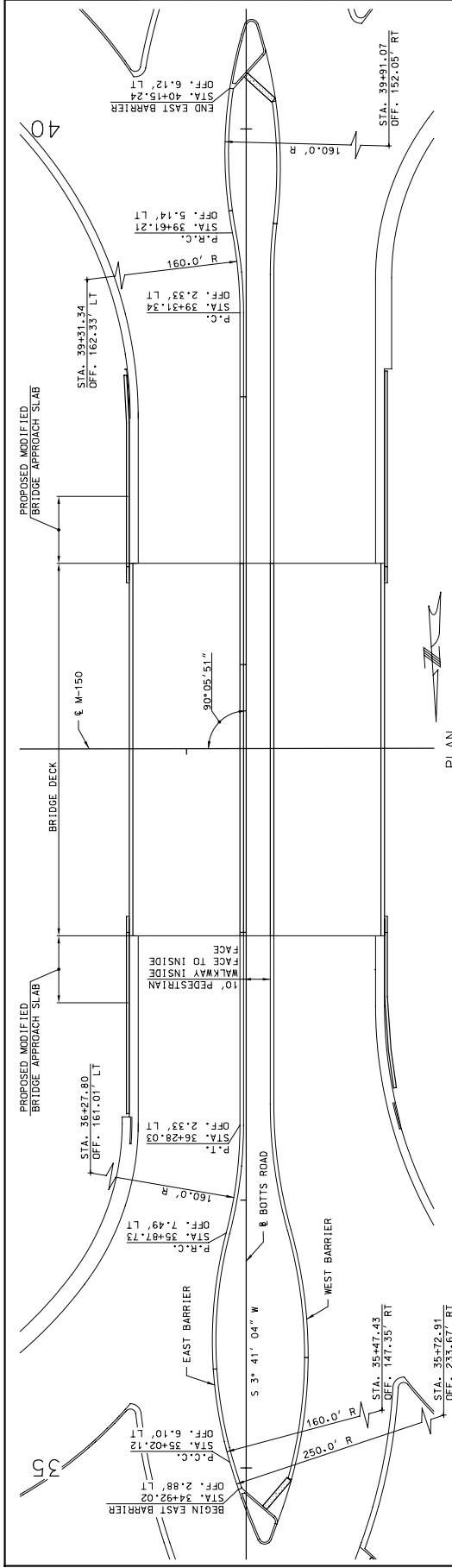
INTERSECTION DETAILS
 SOUTH BOTTS ROAD
 SPECIAL SHEET 7 OF 27

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

DATE PREPARED	02-19-2010
DATE	130
TIME	3:4
PROJECT NO.	JACKSON
JOB NO.	J4P2251
CONTRACT ID.	
BRIDGE NO.	
PROJECT NO.	
DESCRIPTION	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6936)

1715 KIRK DRIVE
 KANSAS CITY, MO 64105
 (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270



DATE PREPARED: 02-19-2010
 DATE: 130
 TIME: 3:4
 PROJECT NO.: JACKSON
 JOB NO.: J4P2251
 CONTRACT ID.:
 BRIDGE NO.:
 PROJECT NO.:
 DESCRIPTION:

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6936)

1715 KIRK DRIVE
 KANSAS CITY, MO 64105
 (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270

PROPOSED MODIFIED BRIDGE APPROACH SLAB
 BRIDGE DECK
 PROPOSED MODIFIED BRIDGE APPROACH SLAB
 10' PEDESTRIAN WALKWAY INSIDE FACE TO INSIDE
 3'x9" CURB OUTLET (TYP.)
 10' PEDESTRIAN WALKWAY (TYP.)
 PROPOSED PAVEMENT
 VARIES
 PROPOSED PAVEMENT

PROPOSED MODIFIED BRIDGE APPROACH SLAB
 BRIDGE DECK
 PROPOSED MODIFIED BRIDGE APPROACH SLAB
 10' PEDESTRIAN WALKWAY INSIDE FACE TO INSIDE
 3'x9" CURB OUTLET (TYP.)
 10' PEDESTRIAN WALKWAY (TYP.)
 PROPOSED PAVEMENT
 VARIES
 PROPOSED PAVEMENT

TYPICAL SECTION 34+92.02 TO STA. 36+28.03
 TYPICAL SECTION 39+31.34 TO STA. 40+15.24
 TYPICAL SECTION 36+28.03 TO STA. 39+31.34
 TYPICAL SECTION 34+92.02 TO STA. 36+28.03
 TYPICAL SECTION 39+31.34 TO STA. 40+15.24

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

THE WORK SHOULD BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC WORKS, KANSAS EDITION, 2010 EDITION.

PRELIMINARY
NOT FOR CONSTRUCTION.

DATE PREPARED: 02-19-2010
 STATE: MO
 COUNTY: JACKSON
 JOB NO.: J4P2251
 CONTRACT ID:

PROJECT NO.:
 BRIDGE NO.:

DESCRIPTION:
 DATE:

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6936)

HNTB
 715 N. KIRK DRIVE
 KANSAS CITY, MO 64105
 (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270

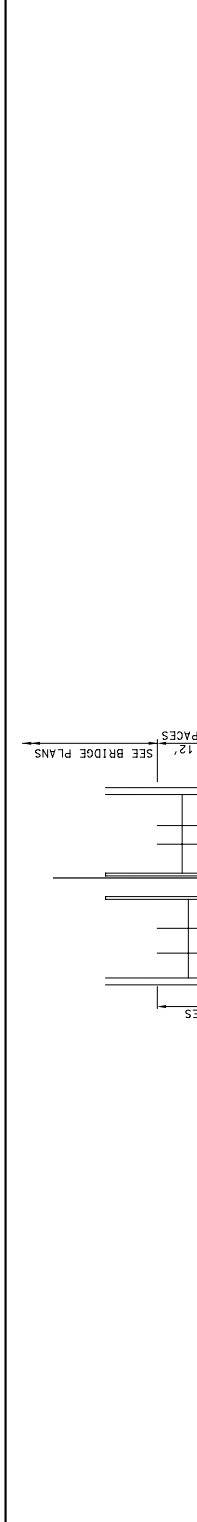
14-35 24-FEB-2010

SCALE: 30.000000:1.000000
 USER NAME: mjpinner

C-19

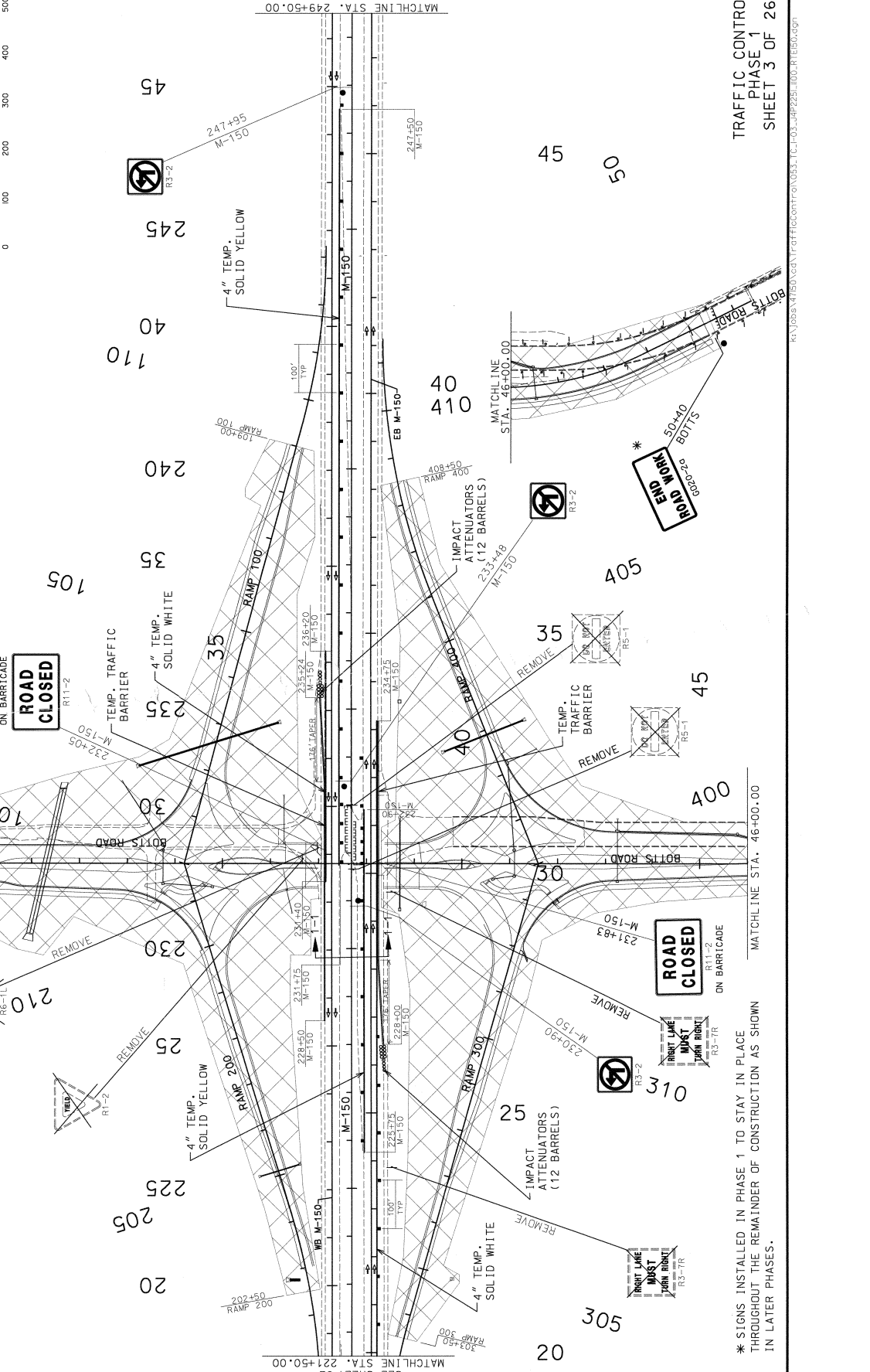
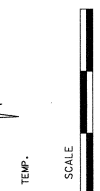
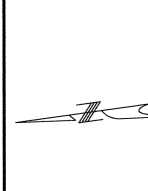
JOINT LAYOUT PLAN
 BOTTS ROAD, RAMPS 300 AND 400
 SPECIAL SHEET 15 OF 27

NOTES:
 1. ALL STATION AND OFFSETS ARE TO & BOTTS ROAD UNLESS OTHERWISE NOTED.
 2. ALL STATIONS, OFFSETS, ELEVATIONS AND DIMENSIONS ARE TO THE TOP-BACK OF CURB UNLESS OTHERWISE NOTED.
 3. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.



SCALE: 30.000000:1.000000
 USER NAME: mjpinner

NOTES:
 THE TAPER LENGTH FOR TEMPORARY TRAFFIC BARRIER IS 176 FEET WITH IMPACT ATTENUATOR (12 SAND BARRELS). TEMPORARY TRAFFIC BARRIER TO BE IN PLACE UNTIL THE PERMANENT BRIDGE ABUTMENT PROTECTION IS INSTALLED. CONTRACTOR TO USE 2 TRUCK MOUNTED ATTENUATOR (TMA) ON EACH SIDE OF M-150 WHILE PLACING TEMPORARY TRAFFIC BARRIER.



SEE SHEET 56 MATCHLINE STA. 27+25.00
 SEE SHEET 54 MATCHLINE STA. 249+50.00
 MATCHLINE STA. 46+00.00

* SIGNS INSTALLED IN PHASE 1 TO STAY IN PLACE THROUGHOUT THE REMAINDER OF CONSTRUCTION AS SHOWN IN LATER PHASES.

TRAFFIC CONTROL PHASE 1 SHEET 3 OF 26

LC ENGINEERS, P.A.
 12815 WENONA LANE
 LEAWOOD, KS 66209
 913.491.0431
 ENGINEERING CORPORATION 2004007804

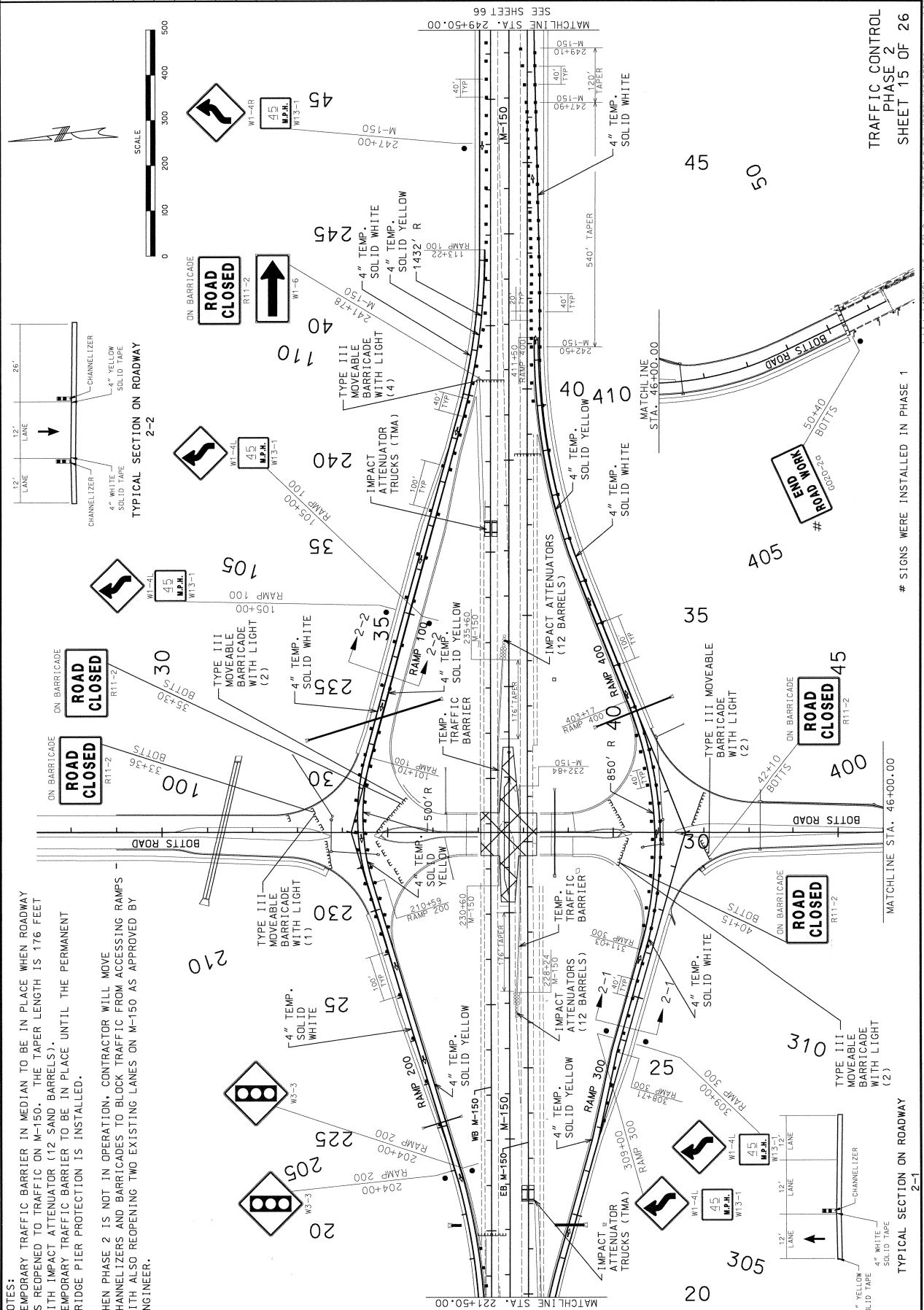
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MDOT (1-888-275-6536)

DATE	2/15/2010
PROJECT NO.	J4PZ251
BRIDGE NO.	
PROJECT NO.	JACKSON
QUANTITY	53
SHEET NO.	4
DISTRICT	MO
DATE	150

LC ENGINEERS, P.A.
 12216 WENONA LANE
 LEAWOOD, KS 66209
 913.491.0431
 Engineering Corporation 2004007804

MDOT
 MISSOURI HIGHWAYS AND TRANSPORTATION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MDOT (1-888-275-6634)

PROJECT NO.:
 CONTRACT NO.: JAP2251
 COUNTY: JACKSON
 STATE: MO
 SHEET NO.: 65
 DATE: 2/15/2010

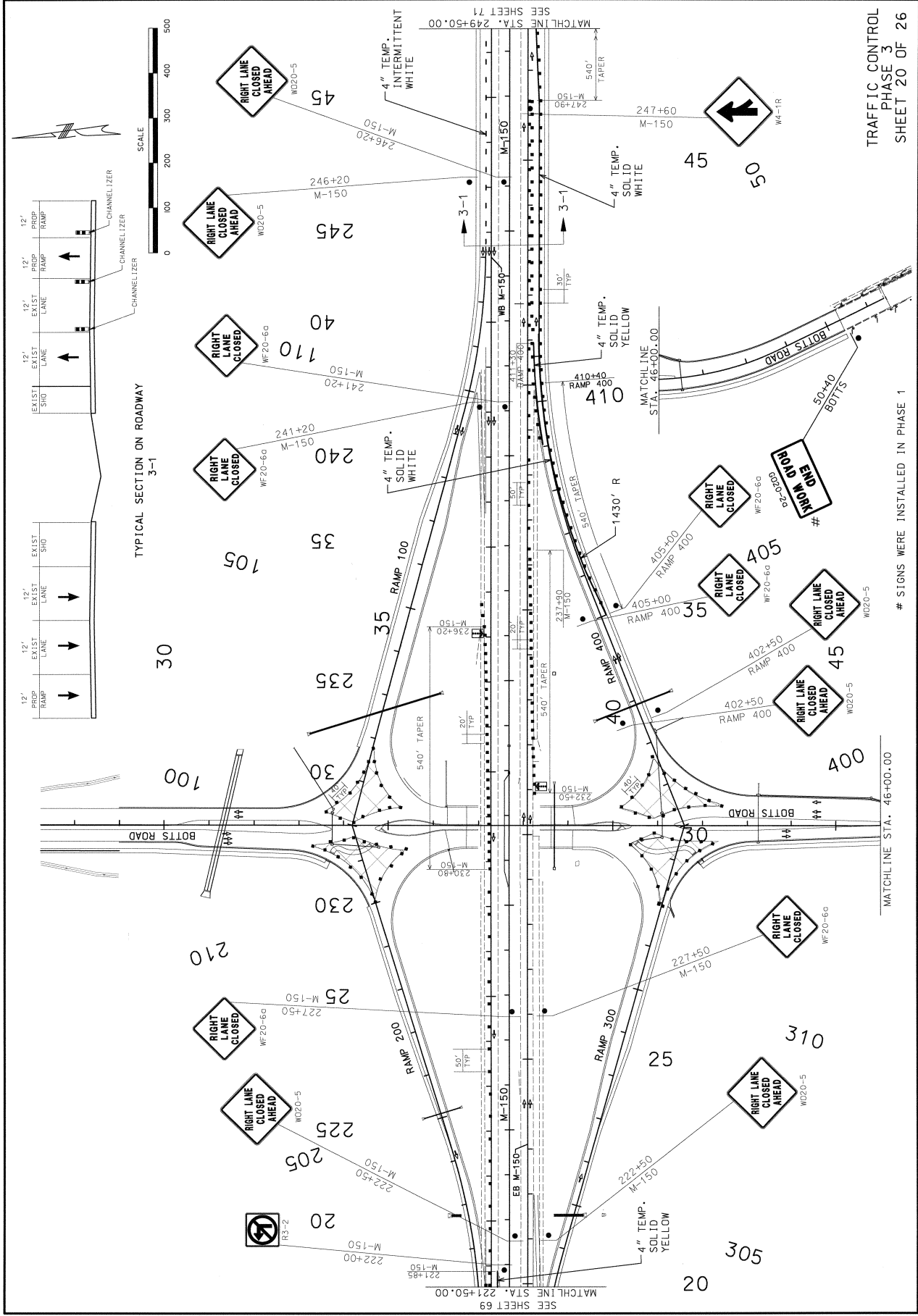


DATE PREPARED 2/15/2010	DATE 2/15/2010	SCALE 1"=50'	PROJECT NO. JACKSON	CONTRACT ID. J4P2251	PROJECT NO. JACKSON	BRIDGE NO.	DESCRIPTION MISSOURI HIGHWAYS AND TRANSPORTATION	DATE
DESIGNED BY D. J. WILSON	DRAWN BY D. J. WILSON	CHECKED BY D. J. WILSON	APPROVED BY D. J. WILSON	CITY JACKSON	COUNTY JACKSON	STATE MO	PROJECT NO. JACKSON	CONTRACT ID. J4P2251

MISSOURI HIGHWAYS AND TRANSPORTATION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MDOT (1-888-275-6295)

LC ENGINEERS, P.A.
 12315 WENONGA LANE
 LEAWOOD, KS 66206
 913.491.0431

LC ENGINEERS
 12315 WENONGA LANE
 LEAWOOD, KS 66206
 913.491.0431



TRAFFIC CONTROL
 PHASE 3
 SHEET 20 OF 26

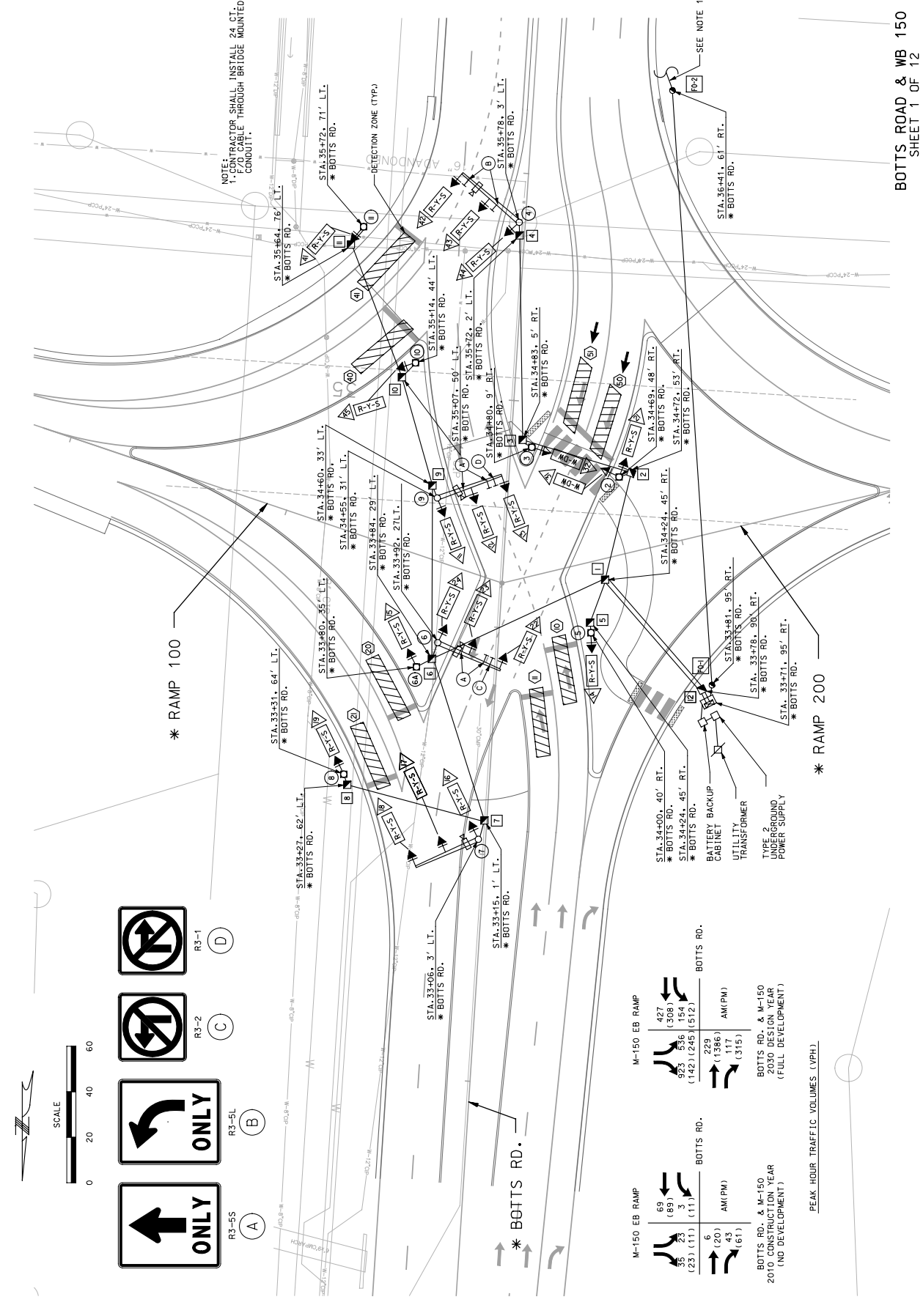
SIGNS WERE INSTALLED IN PHASE 1

THIS WORK SHALL BE CONSIDERED A CERTIFIED DOCUMENT. PRELIMINARY NOT FOR CONSTRUCTION

DATE PREPARED: 04-23-2010
 STATE: MO
 PROJECT NO.: 130
 SHEET NO.: 99
 COUNTY: JACKSON
 JOB NO.: J4P2251
 CONTRACT ID:
 PROJECT NO.:
 BRIDGE NO.:

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MDOT | 1-888-275-6636

HNTB
 715 MIKAP DRIVE
 KANSAS CITY, MO 64105
 (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270



SCALE: 20ft = 1" (vertical), 100ft = 1" (horizontal)

USER NAME: throywood

DATE: 04/23/2010


PEN TABLE elec_FULL.pcn
 SCALE: 20ft = 1"
 USER NAME: throywood
 DATE: 04/23/2010
 \\Kcaw001\pds\1150\Elec\Drawings\CD\Signals\99_S60_L\WP2251_L10.dgn
 402 4/26/2010

BOTTS ROAD & WB 150
 SHEET 1 OF 12

C-26

DATE PREPARED	04-23-2010
STATE	MO
ROUTE	130
COUNTY	4
CITY	JACKSON
JOB NO.	J4P2251
CONTRACT ID.	
PROJECT NO.	
BIDDING NO.	
DESCRIPTION	
DATE	

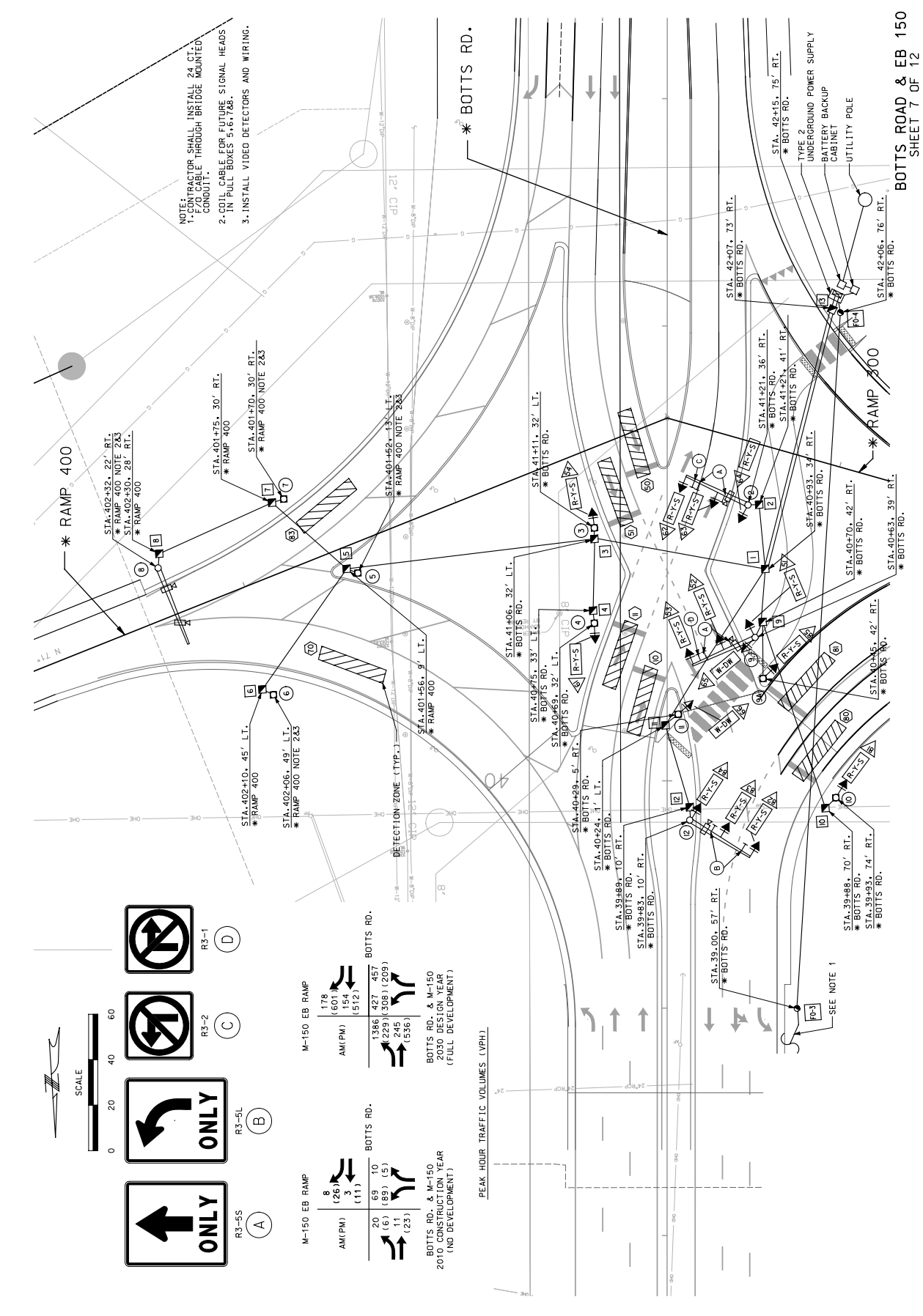
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MDOT | 1-888-275-6636

HNTB

715 KIRK DRIVE
KANSAS CITY, MO 64105
(816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270



NOTE: CONTRACTOR SHALL INSTALL 24 CT. 1'-0" CABLE THROUGH BRIDGE MOUNTED CONDUIT.
2. COIL CABLE FOR FUTURE SIGNAL HEADS IN PULL BOXES 5-6, 7&8.
3. INSTALL VIDEO DETECTORS AND WIRING.

SCALE




M-150 EB RAMP	
AM(PM)	178 (601) 154 (512)
BOTTS RD.	
AM(PM)	1386 (427) 245 (893) 536 (209)

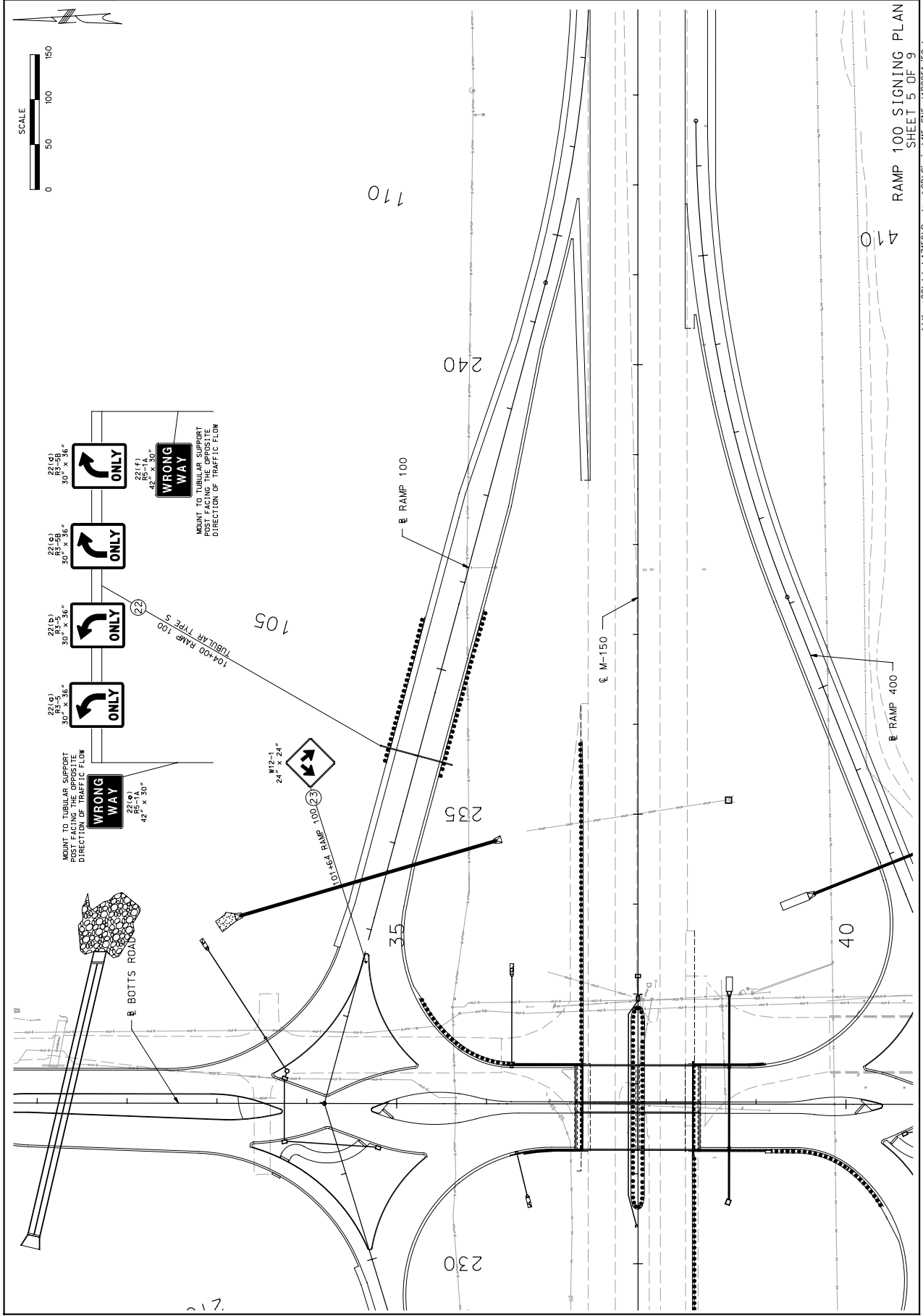
M-150 EB RAMP	
AM(PM)	8 (26) 3 (11)
BOTTS RD.	
AM(PM)	20 (6) 11 (89) 23 (5)

PEAK HOUR TRAFFIC VOLUMES (VPH)

BOTTS RD. & M-150
2010 CONSTRUCTION YEAR
(NO DEVELOPMENT)

BOTTS RD. & M-150
2030 DESIGN YEAR
(FULL DEVELOPMENT)

SEE NOTE 1



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION 105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6936)		HNTB 715 KIRK DRIVE KANSAS CITY, MO 64105 (816) 472-1201 CERTIFICATE OF AUTHORITY NO. 001270
DATE 02-19-2010 STATE MO PROJECT NO. 4 COUNTY JACKSON JOB NO. J4P2251 CONTRACT ID.	PROJECT NO. BRIDGE NO.	
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.		

RAMP 100 SIGNING PLAN
 SHEET 5 OF 9
 \\kcm00\jobs\47150\Roadway\CD\Signing\115-SN5_14P2251_150.dgn 14:37 24-FEB-2010

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

DATE PREPARED	02-19-2010
STATE	MO
COUNTY	JACKSON
JOB NO.	J4P2251
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

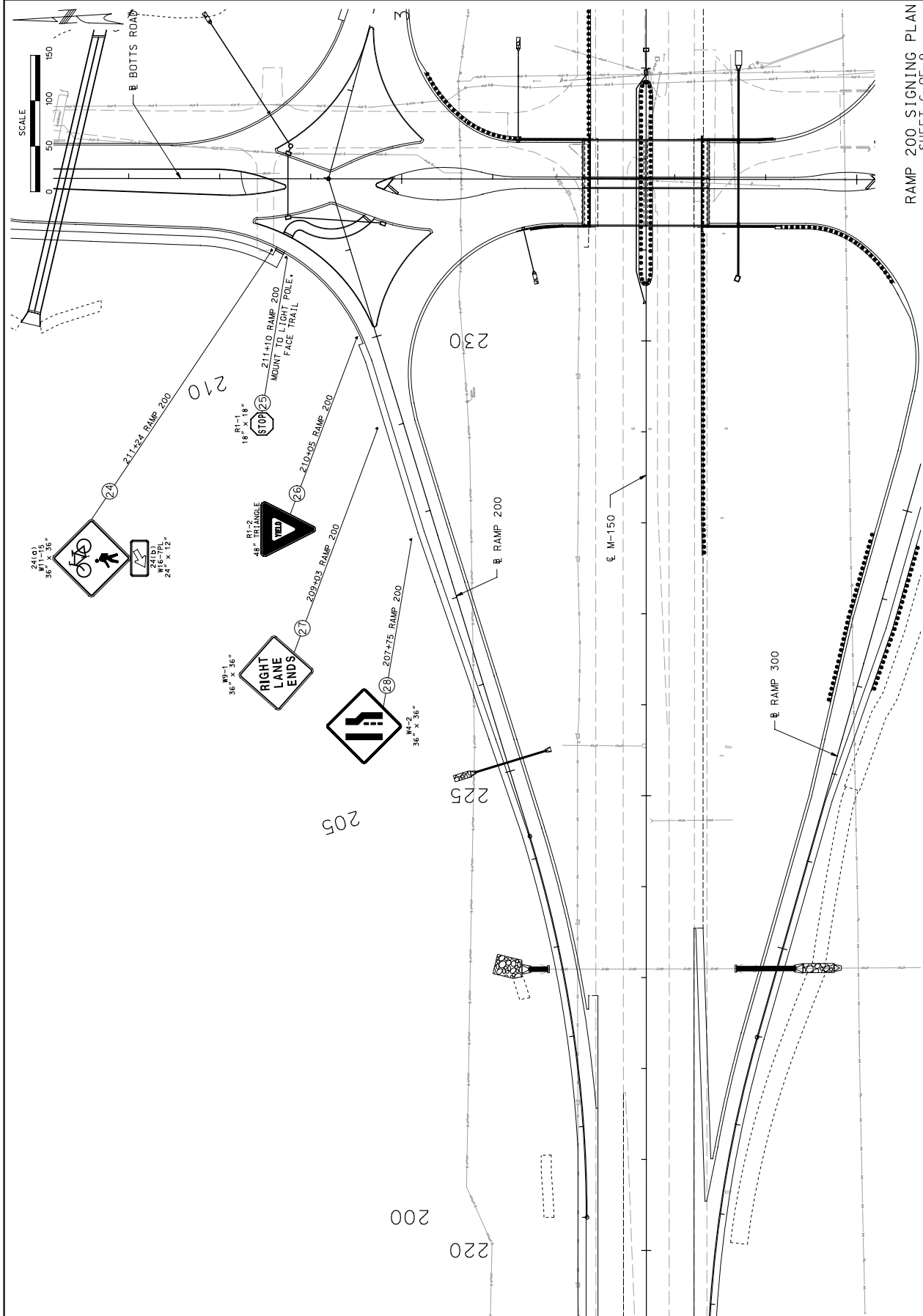
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6963)

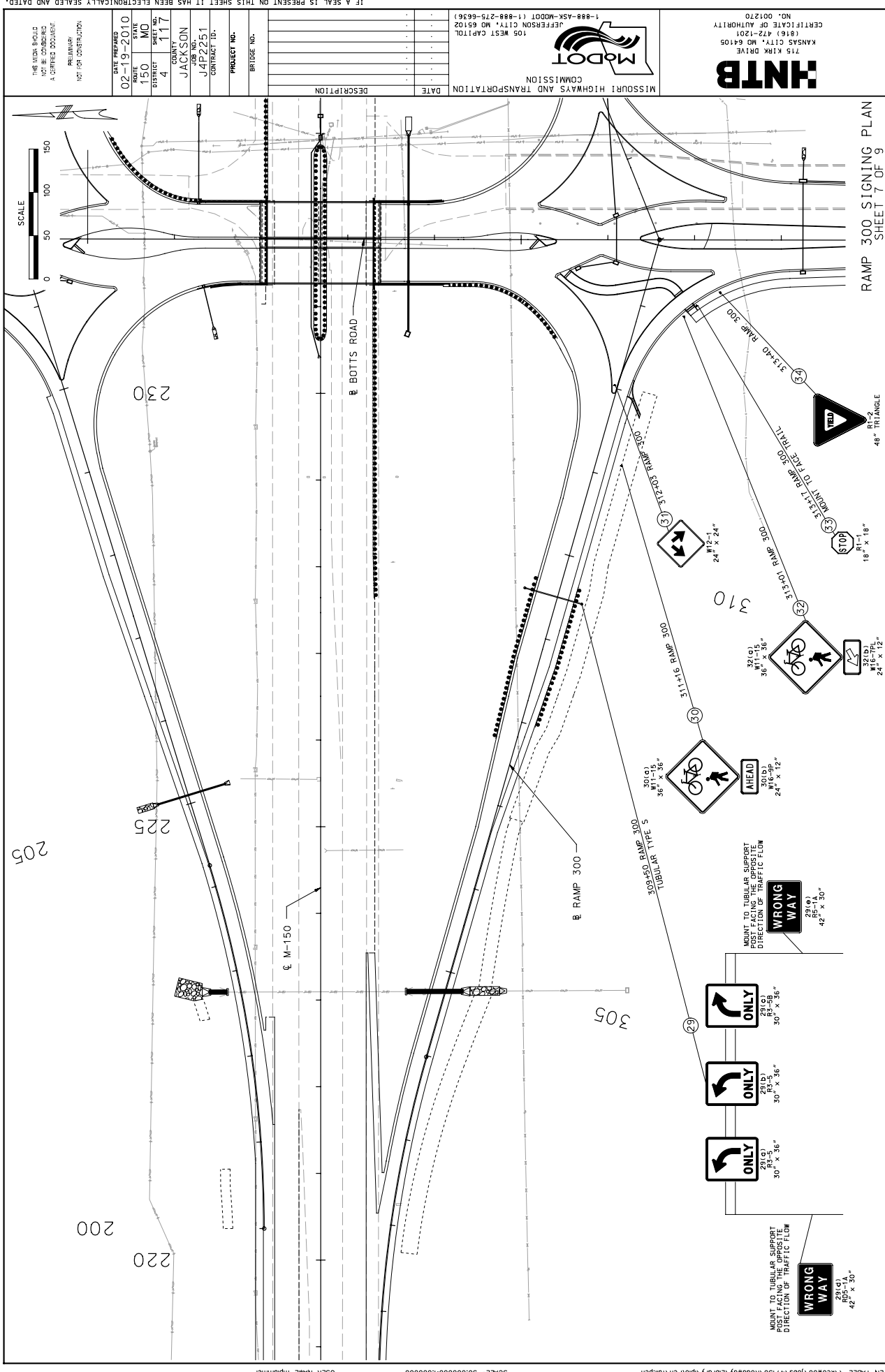
HNTB
715 KIRK DRIVE
KANSAS CITY, MO 64105
(816) 472-1201
NO. 001270



SCALE - 50.000000:1.000000 USER NAME mpjrunner

RAMP 200 STAGING PLAN SHEET 6 OF 9

14:37 24-FEB-2010



SCALE: 50.000000:1.000000
 USER NAME: mjpinner
 PEN TABLE: \\kcon00\jobs\47150\roadway\library\piper\pen\faupen

C-30

RAMP 300 SIGNING PLAN
 SHEET 7 OF 9

48" TRIANGLE

321(D)
 24" x 12"

281(O)
 42" x 30"

281(O)
 30" x 36"

281(O)
 30" x 36"

281(O)
 30" x 36"

HNTB
 715 MIKKA DRIVE
 KANSAS CITY, MO 64105
 (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6936)

DATE PREPARED	02-19-2010
DATE	1-30-10
STATE	MO
COUNTY	JACKSON
JOB NO.	J4P2251
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	

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

THE WORK SHOULD BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC WORKS, LATEST EDITION, AS APPLICABLE.

PRELIMINARY
 NOT FOR CONSTRUCTION.

14-37 24-FEB-2010

313-40 RAMP 300
 313-01 RAMP 300
 313-02 RAMP 300
 313-03 RAMP 300
 313-04 RAMP 300
 313-05 RAMP 300
 313-06 RAMP 300
 313-07 RAMP 300
 313-08 RAMP 300
 313-09 RAMP 300
 313-10 RAMP 300
 313-11 RAMP 300
 313-12 RAMP 300
 313-13 RAMP 300
 313-14 RAMP 300
 313-15 RAMP 300
 313-16 RAMP 300
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 313-39 RAMP 300
 313-40 RAMP 300

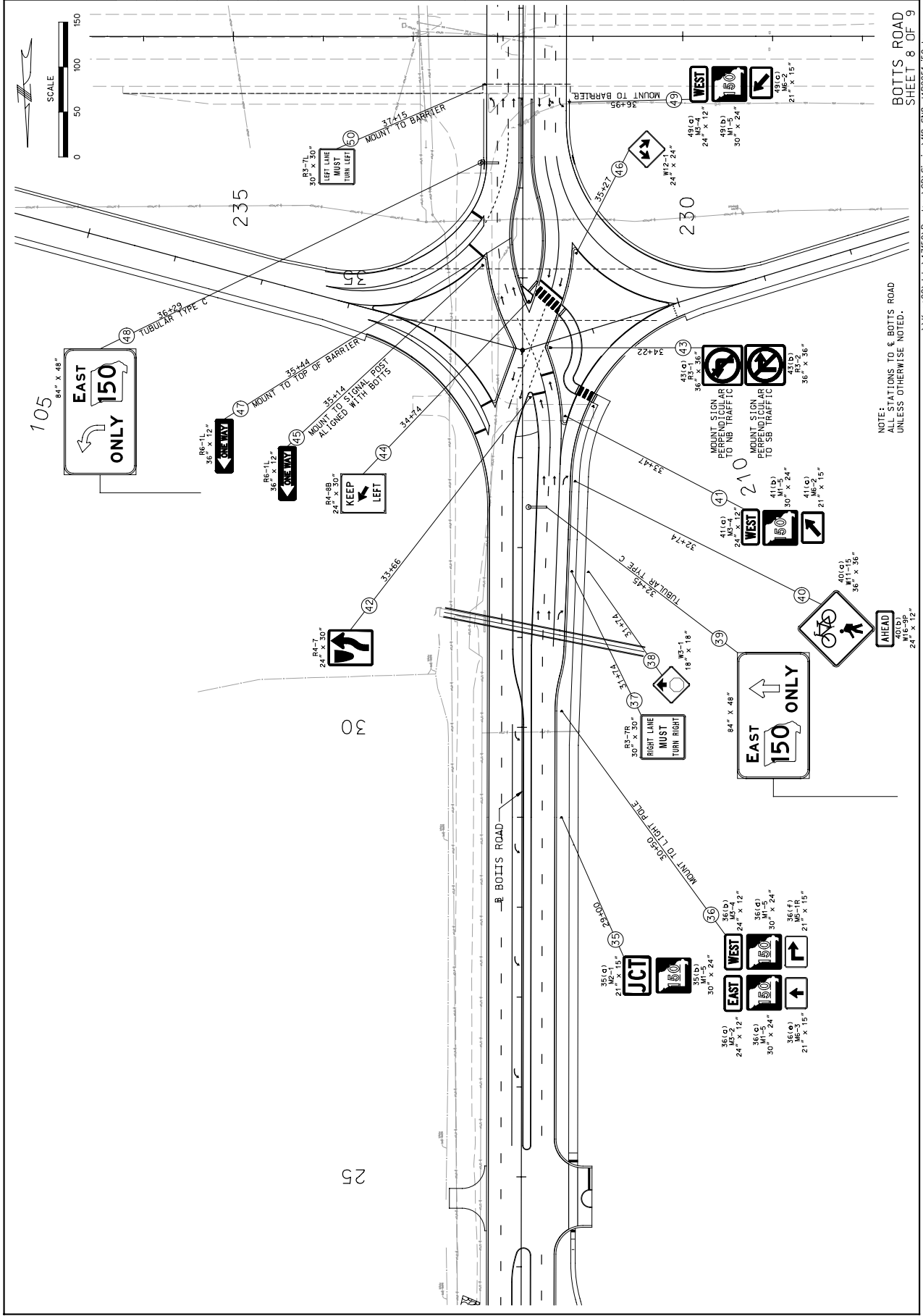
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6936)

MODOT
 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

HNTB
 715 KIRK DRIVE
 KANSAS CITY, MO 64105
 (816) 472-1201
 CERTIFICATE OF AUTHORITY
 NO. 001270

DATE PREPARED	02-19-2010
STATE	MO
ROUTE	150
SECTION	4
COUNTY	JACKSON
JOB NO.	J4P2251
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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




PEN TABLE \\kcm00\jobs\47150\Roadway\Library\pfp\PenTable.ppt
 SCALE: 1" = 50'-0" (0:500000:100000)
 C-31
 BOTTS ROAD
 SHEET 8 OF 9
 14-37 24-FEB-2010
 \\kcm00\jobs\47150\Roadway\CD\Signing\18_SNB_44P2251_150.dgn
 NOTE: STATIONS TO & BOTTS ROAD UNLESS OTHERWISE NOTED.

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

DATE PREPARED	02-19-2010
DATE	130
TIME	11:0
BY	119
COUNTY	JACKSON
JOB NO.	J4P2251
CONTRACT ID.	
PROJECT NO.	
BIDDING NO.	
DESCRIPTION	
DATE	

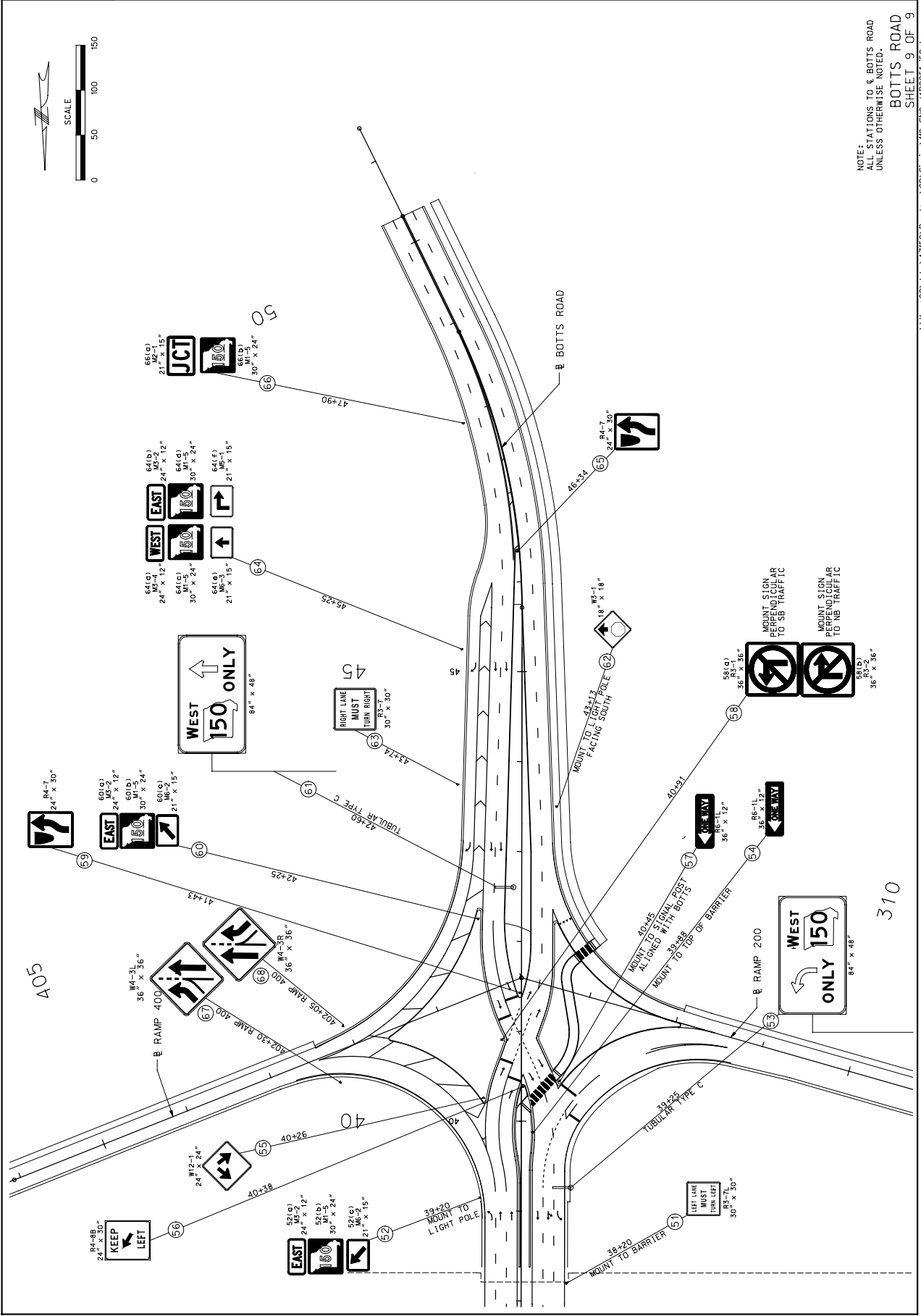
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MOTD (1-888-275-6936)

HNTB

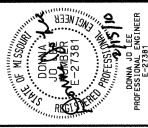
715 KIRK DRIVE
KANSAS CITY, MO 64105
(816) 472-1201
CERTIFICATE OF AUTHORITY
NO. 001270



SCALE: 50.000000:1.000000
 USER NAME: mjplummer
 PEN TABLE: \\kcm00\jobs\47150\Roadway\Library\pfiles\mjplummer

NOTE:
 ALL STATIONS TO E BOTTS ROAD
 UNLESS OTHERWISE NOTED.
 BOTTIS ROAD
 SHEET 9 OF 9

\\kcm00\jobs\47150\Roadway\CD\Signing\19-SNB-J4P2251-150.dgn 14:37 24-FEB-2010



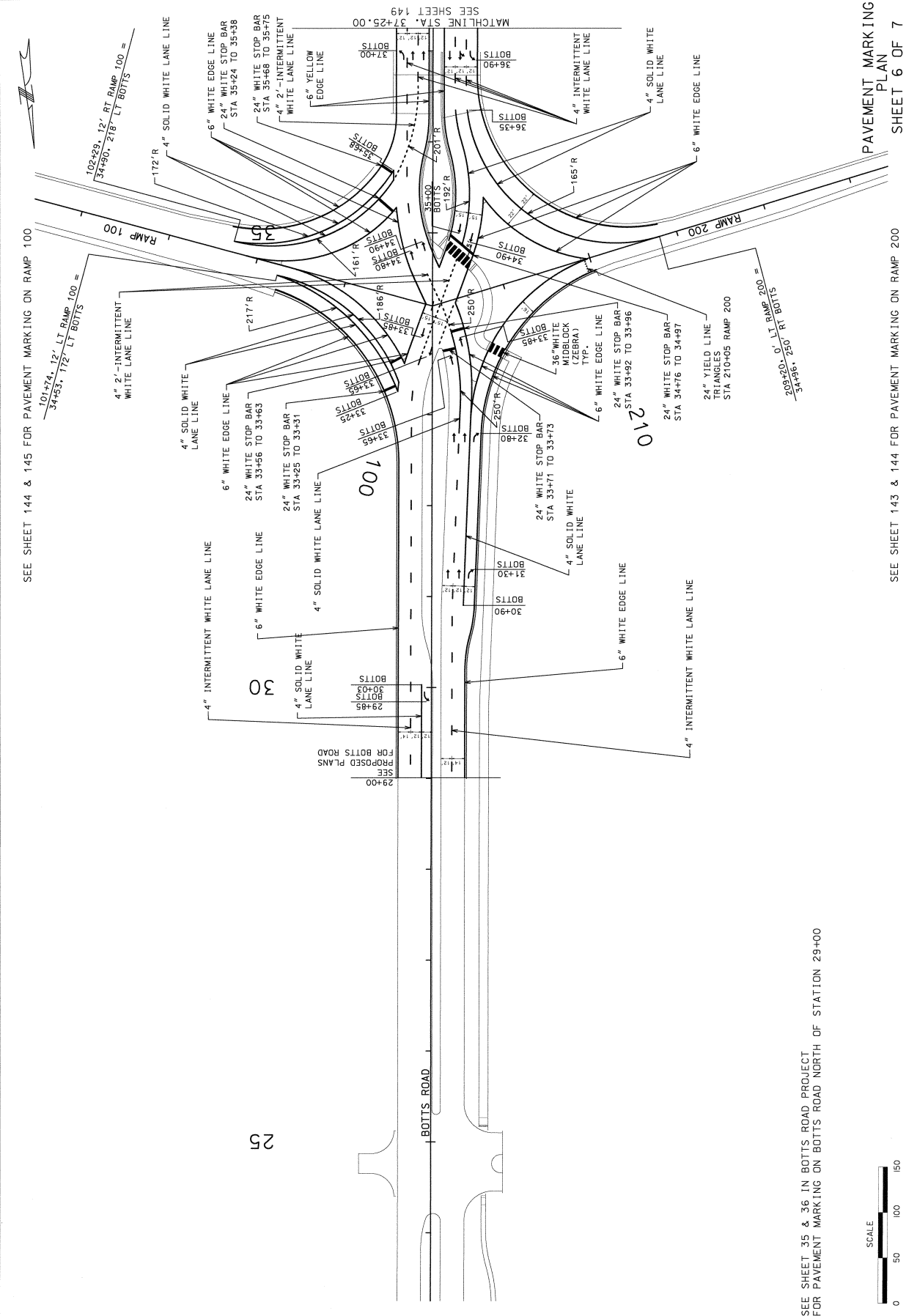
DATE PREPARED: 2/15/2010
 STATE: MO
 COUNTY: JACKSON
 PROJECT NO.: J4P2251
 CONTRACT ID: 148

DATE	DESCRIPTION

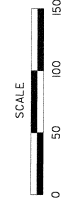


LC ENGINEERS, P.A.
 12315 WENONGA LANE
 LEAWOOD, KS 66209
 913.491.0431

LC ENGINEERS, P.C.
 Engineering Corporation 2004007604
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6696)



SEE SHEET 144 & 145 FOR PAVEMENT MARKING ON RAMP 100
 SEE SHEET 143 & 144 FOR PAVEMENT MARKING ON RAMP 200



SEE SHEET 35 & 36 IN BOTTS ROAD PROJECT FOR PAVEMENT MARKING ON BOTTS ROAD NORTH OF STATION 29+00

PAVEMENT MARKING PLAN
 SHEET 6 OF 7

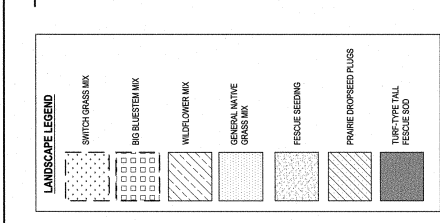
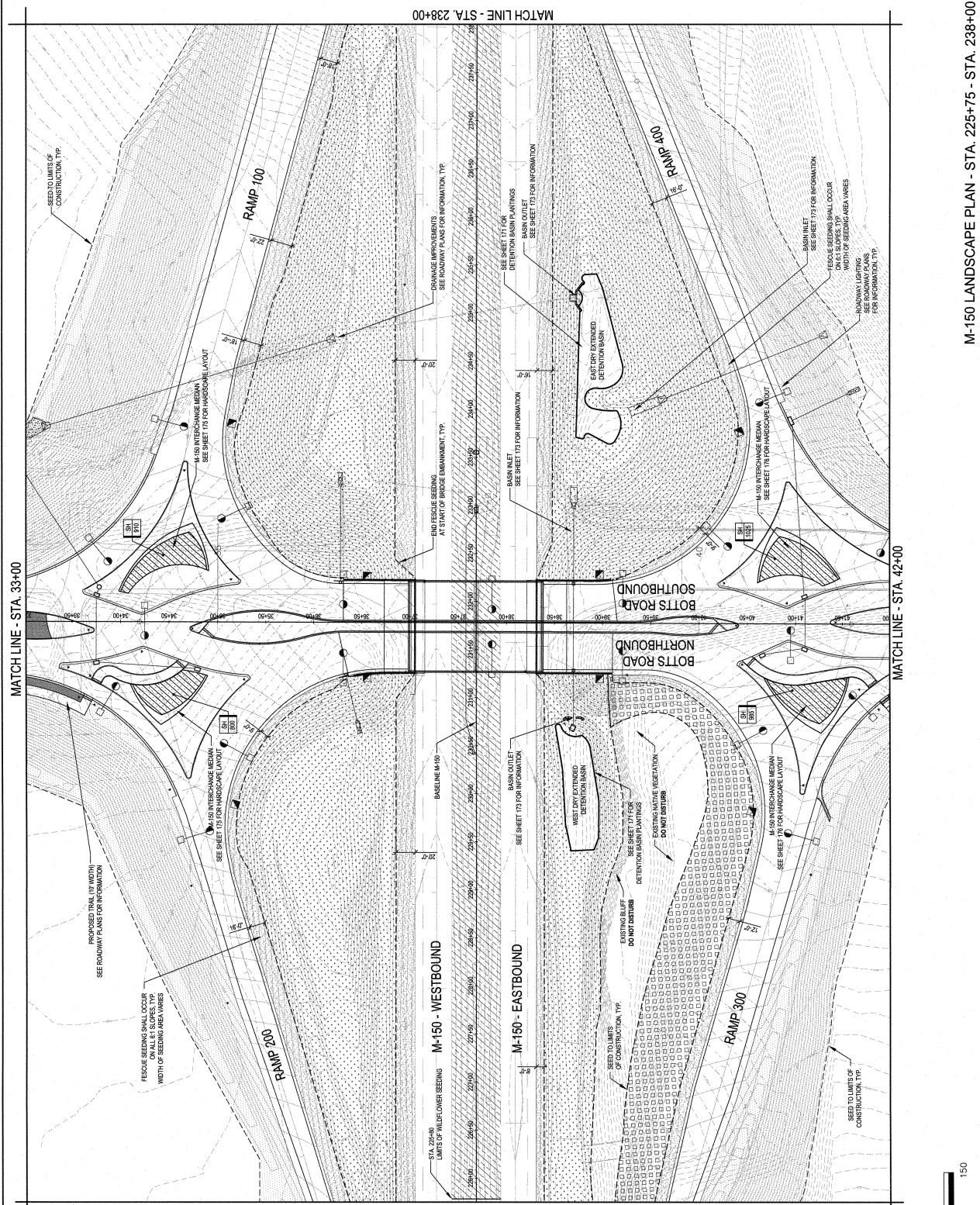


DATE PREPARED 02/15/2010
 STATE MO
 PROJECT NO. 150
 SHEET NO. 4
 COUNTY JACKSON
 JOB NO. JAP 2251
 CONTRACT ID.
 PROJECT NO.
 PROJECT NO.

DATE	DESCRIPTION

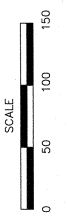
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 1-888-ASK-MODOT (1-888-275-6936)
 JEFFERSON CITY, MO 65102

PATTI BANKS ASSOCIATES
 829 WALNUT, SUITE 200
 KANSAS CITY, MO 64108
 (816) 756-5590
 LANDSCAPE ARCHITECT
 LMC# 200202826




NOTES:
 1. REFER TO SHEET 122 FOR SEED AND PLANT SCHEDULES.
 2. ALL PLANTING AREAS SHALL BE STAKED IN THE FIELD.
 3. ALL PLANTING SHALL BE REVIEWED AND APPROVED BY THE ENGINEER.


MATCH LINE - STA. 225+75
 MATCH LINE - STA. 33+00
 MATCH LINE - STA. 238+00




M-150 LANDSCAPE PLAN - STA. 225+75 - STA. 238+00



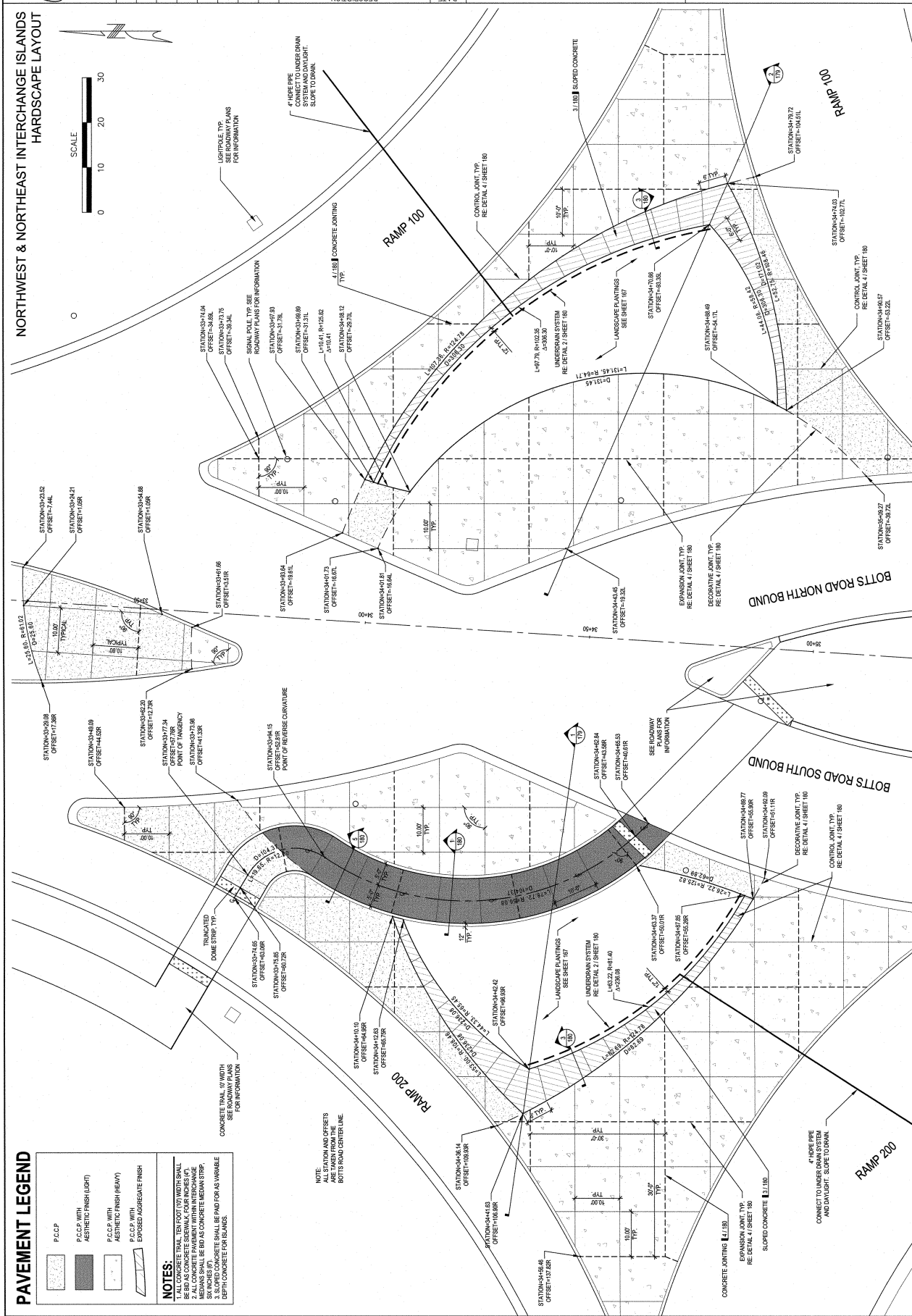
DATE PREPARED: 02/15/2010
 PROJECT NO: 150
 SHEET NO: 4
 COUNTY: JACKSON
 JOB NO: J4P2251
 CONTRACT ID:
 PROJECT NO:
 BRIDGE NO:







MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 1-888-ASK-MODOT (1-888-275-6636)
 JEFFERSON CITY, MO 65102



PATTI BANKS ASSOCIATES
 LANDSCAPE ARCHITECT
 (816) 756-5890
 LAC# 2002028286
 829 WALNUT, SUITE 200
 KANSAS CITY, MO 64106



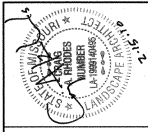
PAVEMENT LEGEND

	P.C.P.P.
	P.C.P.P. WITH AESTHETIC FINISH (LIGHT)
	P.C.P.P. WITH AESTHETIC FINISH (HEAVY)
	EXPOSED AGGREGATE FINISH

NOTES:

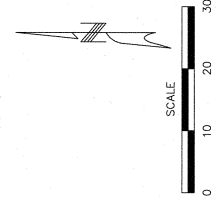
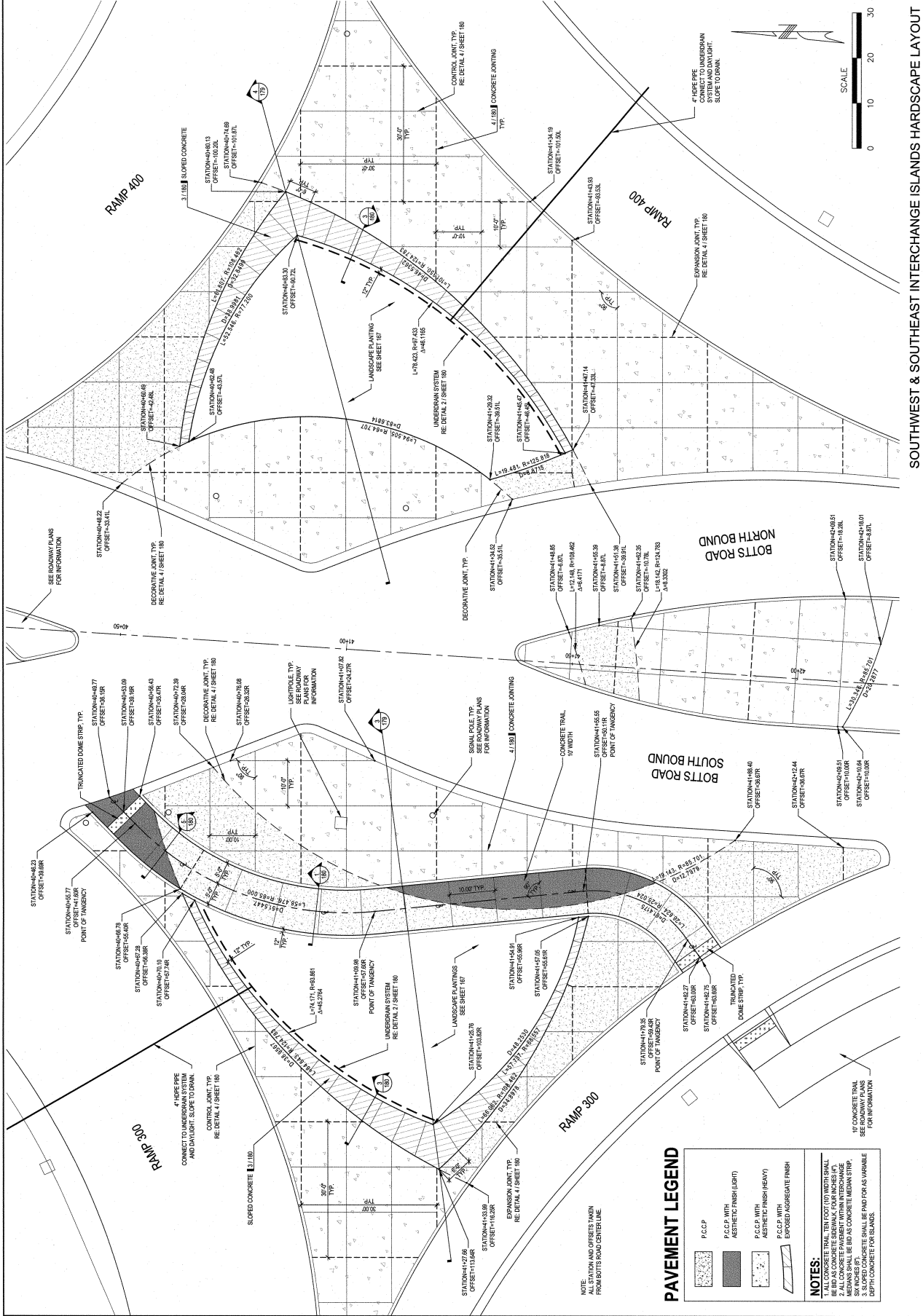
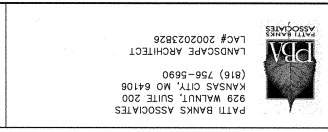
- ALL CONCRETE TRAIL TEN FOOT (10) WIDTH SHALL BE BID AS CURB AND GUTTER WITH AESTHETIC FINISH. MEDIAN SHALL BE BID AS CONCRETE MEDIAN STRIP.
- SLOPED CONCRETE SHALL BE PAID FOR AS VARIABLE DEPTH CONCRETE FOR ISLANDS.

NOTE:
 ALL STATION AND OFFSETS ARE TO BOTTS ROAD CENTER LINE.



DATE PREPARED: 02/15/2010
 PROJECT NO: J4P2251
 COUNTY: JACKSON
 JOB NO: J4P2251
 CONTRACT ID: J4P2251
 PROJECT NO: J4P2251
 BRIDGE NO: J4P2251

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)



SOUTHWEST & SOUTHEAST INTERCHANGE ISLANDS HARDSCAPE LAYOUT

PAVEMENT LEGEND

	P.C.C.P.
	P.C.C.P. WITH ASTHETIC FINISH (LEFT)
	P.C.C.P. WITH ASTHETIC FINISH (RIGHT)
	P.C.C.P. WITH EXPOSED AGGREGATE FINISH

NOTES:

- ALL STATION AND OFFSETS TAKEN FROM BOTTS ROAD CENTERLINE.
- ALL CONCRETE SHALL BE PAID FOR AS VARIABLE WITH CONCRETE CONTRACT.
- ALL CONCRETE SHALL BE PAID FOR AS VARIABLE WITH CONCRETE CONTRACT.
- ALL CONCRETE SHALL BE PAID FOR AS VARIABLE WITH CONCRETE CONTRACT.
- ALL CONCRETE SHALL BE PAID FOR AS VARIABLE WITH CONCRETE CONTRACT.

