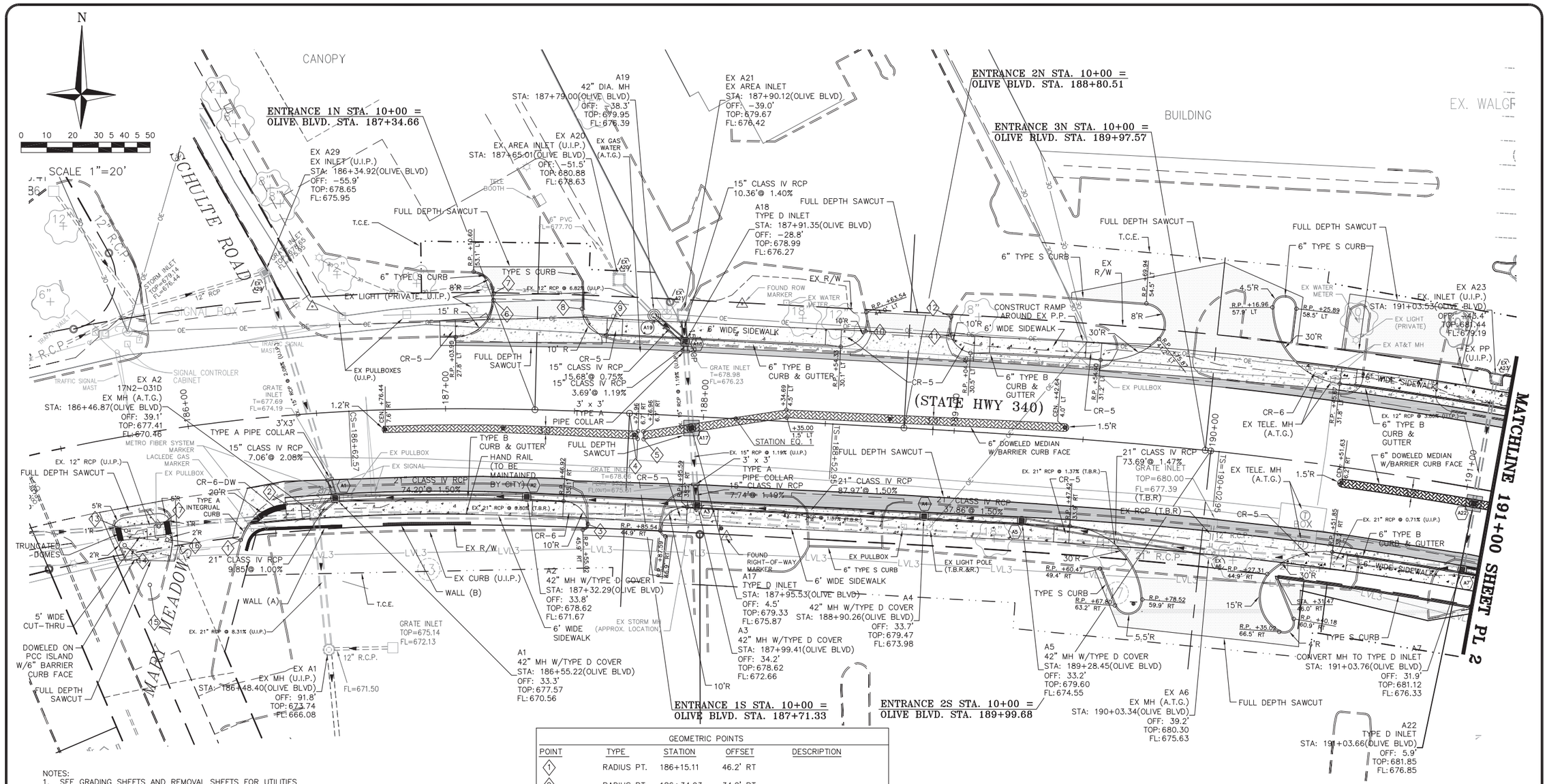


NOTES:
1. SEE GRADING SHEETS AND REMOVAL SHEETS FOR UTILITIES
2. THE TWO MODULAR BLOCK WALLS AND HAND RAIL TO BE MAINTAINED BY THE CITY OF CREVE COEUR.

CURB RAMP LEGEND (REFER TO SHEETS DS 2–DS 4)

CR–#–DW
- DETECTABLE WARNING SURFACE
- TYPE (SEE DETAIL SHEET DS 3)
- CURB RAMP

LEGEND

PROPOSED PAVEMENT WIDENING	PROPOSED LIGHTING (SEE LIGHTING SHEETS)
PROPOSED CONCRETE PAVEMENT	EXISTING LIGHTING (SEE LIGHTING SHEETS)
PROPOSED STAMPED PCC MEDIAN	PROPOSED PULLBOX
PROPOSED PCC SIDEWALK	EXISTING PULLBOX
PROPOSED AC PAVEMENT	PROPOSED RIGHT–OF–WAY
	EXISTING RIGHT–OF–WAY
	TEMPORARY CONSTRUCTION EASEMENT (T.C.E.)
	WALL EASEMENT

GEOMETRIC POINTS

POINT	TYPE	STATION	OFFSET	DESCRIPTION
1	RADIUS PT.	186+15.11	46.2' RT	
2	RADIUS PT.	186+34.93	34.2' RT	
3	RADIUS PT.	187+56.93	43.6' RT	
4	STATION	187+74.95	9.8' RT	CENTER MEDIAN (OLIVE)
5	STATION.	187+77.26	9.8' RT	CENTER MEDIAN (OLIVE)
6	RADIUS PT.	187+18.04	42.2' LT	
7	RADIUS PT.	187+18.13	44.8' LT	
8	RADIUS PT.	187+51.42	39.7' LT	
9	RADIUS PT.	187+61.19	29.8' LT	
10	RADIUS PT.	188+63.65	36.6' LT	
11	RADIUS PT.	188+96.43	36.9' LT	
12	RADIUS PT.	188+96.21	44.0' LT	
13	CENTER	185+69.12	36.1' RT	ISLAND (MARY MEADOWS)
14	CENTER	185+67.40	41.5' RT	ISLAND (MARY MEADOWS)
15	CENTER	185+74.84	58.4' RT	ISLAND (MARY MEADOWS)
16	CENTER	185+85.09	42.2' RT	ISLAND (MARY MEADOWS)
17	CENTER	185+82.53	36.6' RT	ISLAND (MARY MEADOWS)

P#0028845–00
MSD BASE MAP: 17N–2

STATION EQUATION 1:

STA. 188+12.57 (BEHIND) = STA. 188+15.32 (AHEAD)

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION. THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY OF LOCATING ALL UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES PRIOR TO THE START OF CONSTRUCTION. CALL MISSOURI ONE–CALL SYSTEM AT 1–800–DIG–RITE (344–7483)

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS DRAWING ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS DRAWING AND DISCLAIMS ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, SURVEYS OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PARTS OF THE ENGINEERING PROJECT TO WHICH THIS DRAWING REFERS.

SHEET NO.
PL 1

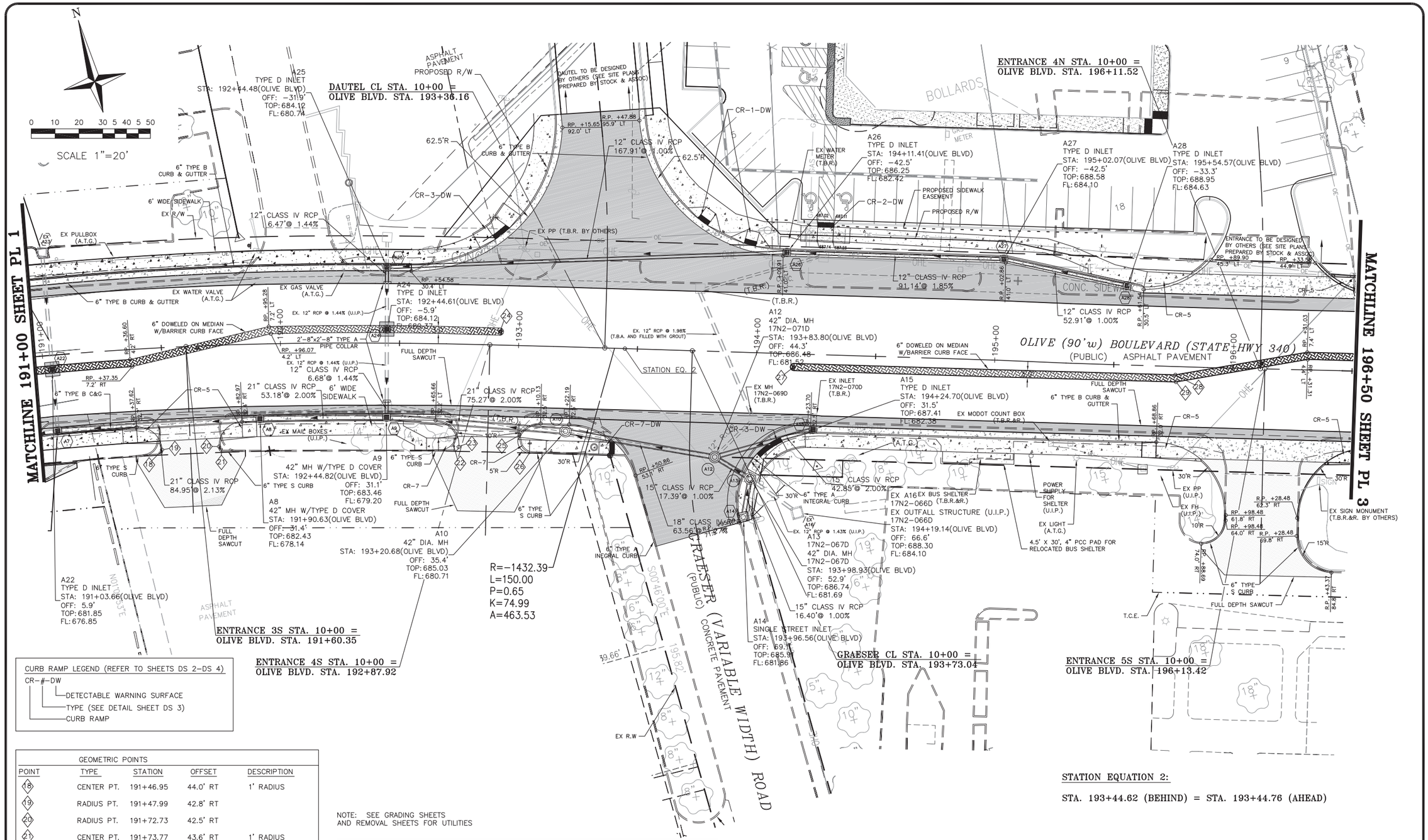
Job No.	131–09
Date:	10/30/09
Scale:	1"=20'
Drawn by:	STS
Design by:	STS
Approved by:	CMB
File Name:	PL01

REVISIONS
3/4/10
FINAL 4/16/10

STEVEN T. STRINEMAN, P.E. NO. PE–2003001103 PROFESSIONAL ENGINEER
STATE OF MISSOURI STEVEN T. STRINEMAN NUMBER PE-2003001103 PROFESSIONAL ENGINEER
4/16/10

CORPORATE ENGINEERING CERTIFICATE #000381
CBB Crawford, Bunte, Brammeier
Traffic and Transportation Engineers
St. Louis, Missouri/Glen Carbon, Illinois
314–878–6644 618–656–2612
Fax: 314–878–5876 E–Mail: cbb@cbbtraffic.com

PLAN SHEET
OLIVE BOULEVARD
ROAD WIDENING AND INTERSECTION IMPROVEMENTS
CREVE COEUR, MISSOURI



CURB RAMP LEGEND (REFER TO SHEETS DS 2-DS 4)

CR-#-DW
- DETECTABLE WARNING SURFACE
- TYPE (SEE DETAIL SHEET DS 3)
- CURB RAMP

GEOMETRIC POINTS

POINT	TYPE	STATION	OFFSET	DESCRIPTION
18	CENTER PT.	191+46.95	44.0' RT	1' RADIUS
19	RADIUS PT.	191+47.99	42.8' RT	
20	RADIUS PT.	191+72.73	42.5' RT	
21	CENTER PT.	191+73.77	43.6' RT	1' RADIUS
22	CENTER PT.	192+73.69	42.9' RT	2' RADIUS
23	RADIUS PT.	192+75.71	43.1' RT	
24	CENTER PT.	192+92.03	5.6' LT	1.5' R (MEDIAN)
25	RADIUS PT.	193+01.34	37.5' RT	
26	RADIUS PT.	193+05.72	45.0' RT	
27	CENTER PT.	194+15.86	5.5' RT	1.5' R (MEDIAN)
28	STATION	195+75.97	3.4' RT	MEDIAN
29	STATION	195+76.28	6.4' RT	MEDIAN

NOTE: SEE GRADING SHEETS AND REMOVAL SHEETS FOR UTILITIES

LEGEND

- PROPOSED PAVEMENT WIDENING
- PROPOSED CONCRETE PAVEMENT
- PROPOSED STAMPED PCC MEDIAN
- PROPOSED PCC SIDEWALK
- PROPOSED AC PAVEMENT
- PROPOSED LIGHTING (SEE LIGHTING SHEETS)
- EXISTING LIGHTING (SEE LIGHTING SHEETS)
- PROPOSED PULLBOX
- EXISTING PULLBOX
- PROPOSED RIGHT-OF-WAY
- EXISTING RIGHT-OF-WAY
- PROPOSED TEMP. CONST. EASEMENT
- WALL EASEMENT

P#0028845-00
MSD BASE MAP: 17N-2

STATION EQUATION 2:

STA. 193+44.62 (BEHIND) = STA. 193+44.76 (AHEAD)

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SHEET NO.
PL 2

Job No.	131-09
Date:	10/30/09
Scale:	1"=20'
Drawn by:	STS
Design by:	STS
Approved by:	CMB
File Name:	PL01

REVISIONS
3/4/10
FINAL 4/16/10

STEVEN T. STRINEMAN, P.E. NO. PE-2003001103 PROFESSIONAL ENGINEER
STATE OF MISSOURI STEVEN T. STRINEMAN NUMBER PE-2003001103 PROFESSIONAL ENGINEER
4/16/10

CORPORATE ENGINEERING CERTIFICATE #000381
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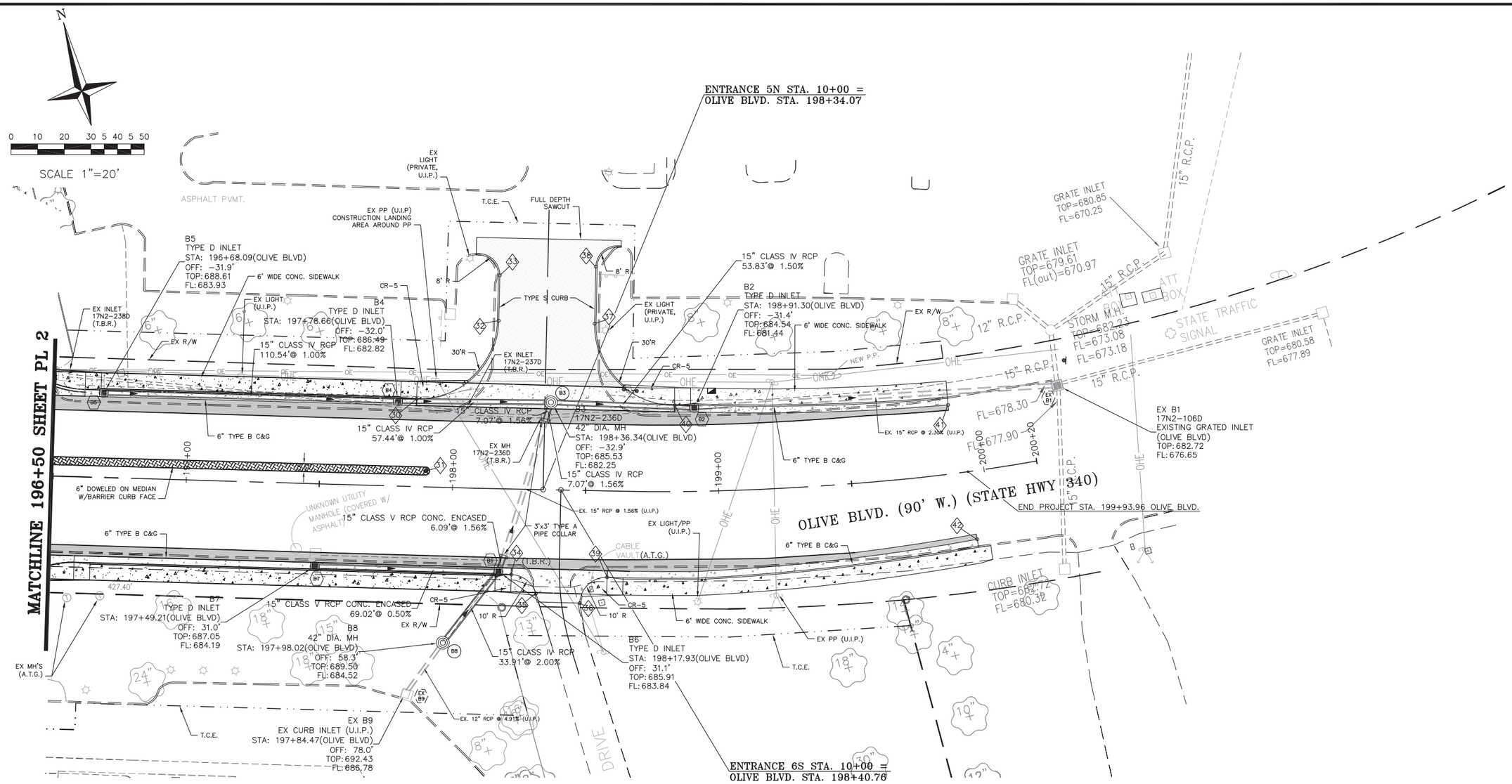
PLAN SHEET
OLIVE BOULEVARD
ROAD WIDENING AND
INTERSECTION IMPROVEMENTS
CREVE COEUR, MISSOURI



NOTE: SEE GRADING SHEETS AND REMOVAL SHEETS FOR UTILITIES

CURB RAMP LEGEND (REFER TO SHEETS DS 2-DS 4)

CR-#-DW
- DETECTABLE WARNING SURFACE
- TYPE (SEE DETAIL SHEET DS 3)
- CURB RAMP

LEGEND

PROPOSED PAVEMENT WIDENING	PROPOSED LIGHTING (SEE LIGHTING SHEETS)
PROPOSED CONCRETE PAVEMENT	EXISTING LIGHTING (SEE LIGHTING SHEETS)
PROPOSED STAMPED PCC MEDIAN	PROPOSED PULLBOX
PROPOSED PCC SIDEWALK	EXISTING PULLBOX
PROPOSED AC PAVEMENT	PROPOSED RIGHT-OF-WAY EXISTING RIGHT-OF-WAY PROPOSED TEMP. CONST. EASEMENT WALL EASEMENT

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GEOMETRIC POINTS

POINT	TYPE	STATION	OFFSET	DESCRIPTION
30	RADIUS PT.	197+85.66	33.0' LT	
31	CENTER PT.	197+89.71	6.0' LT	1.5' R (MEDIAN)
32	RADIUS PT.	198+16.14	63.1' LT	
33	RADIUS PT.	198+16.16	80.2' LT	
34	RADIUS PT.	198+22.76	32.2' RT	
35	RADIUS PT.	198+32.20	39.1' RT	
36	RADIUS PT.	198+48.68	42.4' RT	
37	RADIUS PT.	198+52.14	62.7' LT	
38	RADIUS PT.	198+52.17	84.2' LT	
39	RADIUS PT.	198+58.76	32.4' RT	
40	RADIUS PT.	198+83.66	32.4' LT	
41	STATION	199+89.73	25.8' LT	EOP
42	STATION	199+93.96	25.6' RT	EOP

P#0028845-00
MSD BASE MAP: 17N-2

SHEET NO.
PL 3

Job No.	131-09
Date:	10/30/09
Scale:	1"=20'
Drawn by:	STS
Design by:	STS
Approved by:	CMB
File Name:	PL01

REVISIONS
3/4/10
FINAL 4/16/10

STEVEN T. STIRNEMANN (NC/PE-2002001103)
STEVEN T. STIRNEMANN, P.E.
REGISTRATION NO. PE-2002001103
PROFESSIONAL ENGINEER
STATE OF MISSOURI
STEVEN T. STIRNEMANN
NUMBER PE-2002001103
PROFESSIONAL ENGINEER
4/16/10

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