

76441

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 600 (IL 159)
SECTION 34RS-2

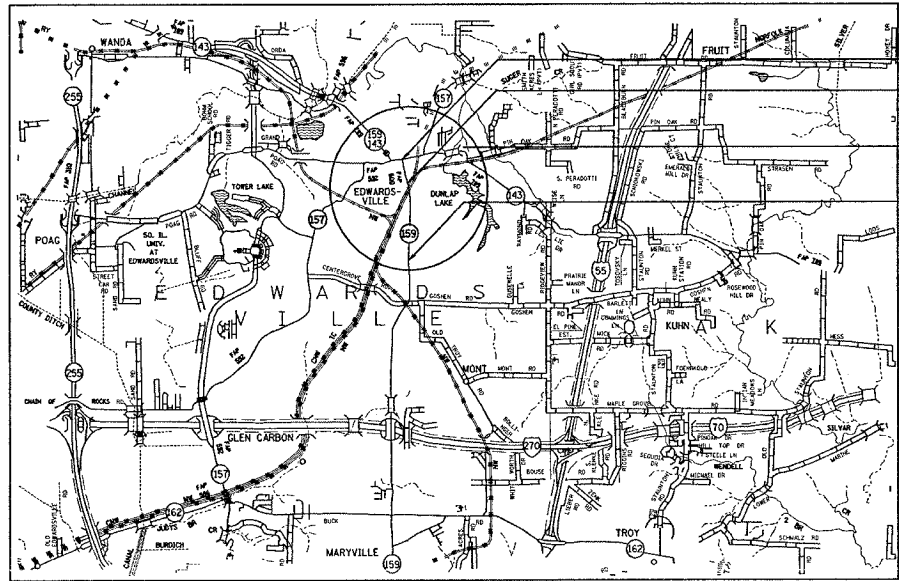
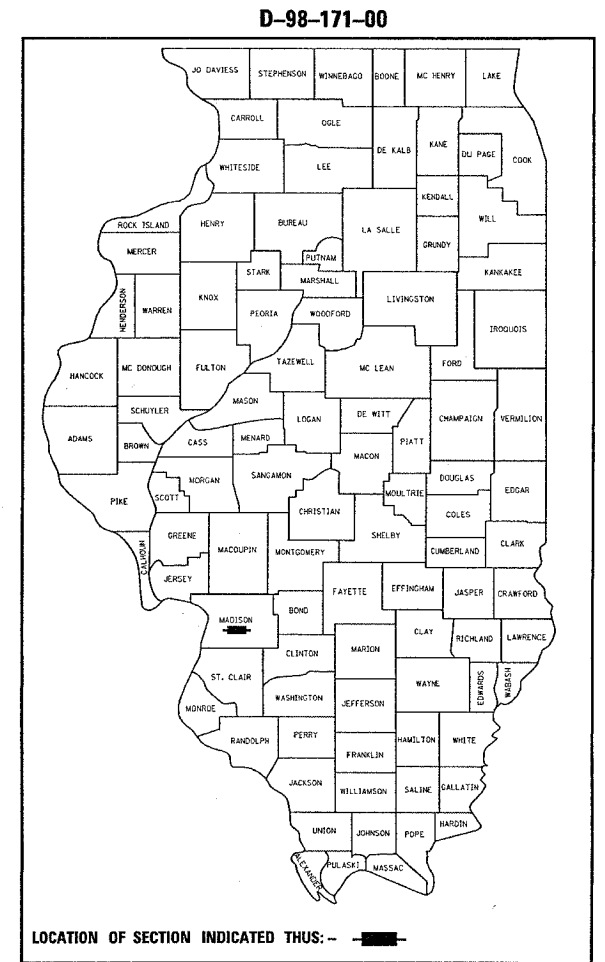
~~PROJECT~~
MILLING AND RESURFACING
MADISON COUNTY

C-98-012-01

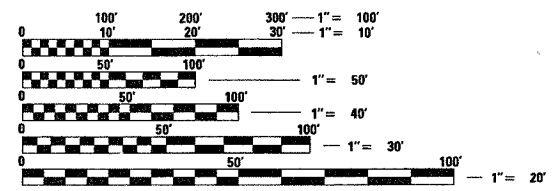
FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

	2006 ADT	2026 ADT	MU	SU
HARVARD TO SCHWARZ	13000	16500	3.2	1.0
SCHWARZ TO JEFFERSON	15700	19900	3.2	1.0
JEFFERSON TO FRANKLIN	15000	19000	2.5	1.2
FRANKLIN TO FOURTH	15500	19700	2.8	1.1
FOURTH TO 143	17000	21600	3.9	1.2

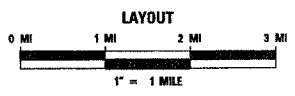


END STA 98+86.00
STA EQ 1028+74.37 BK
= 77+27.60 AH
OMISSION 1025+44.00 - 1028+62.00
BEGIN STA 982+30.00



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123



GROSS LENGTH = 1.36 MI = 7220.80 FT
OMISSION LENGTH = .06 MI = 318 FT
NET LENGTH = 1.30 MI = 6902.80 FT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 18, 2006
Milton R. Sees, P.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 30, 2006
Mike Hine
ENGINEER OF DESIGN AND ENVIRONMENT

June 30, 2006
Milton R. Sees, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179
SQUAD LEADER: CHERYL KEPLAR (618) 346-3186

CONTRACT NO. 76441

SUMMARY OF QUANTITIES

CONTRACT NO. 76441			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
600	34RS-2	MADISON	39
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES			100% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		I000	-----	-----
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	8.9	8.9		
40600300	AGGREGATE (PRIME COAT)	TON	44	44		
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		
40600990	TEMPORARY RAMP	SQ YD	347	347		
40800040	INCIDENTAL BITUMINOUS SURFACING	TON	189	189		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	148	148		
42400800	DETECTABLE WARNINGS	SQ FT	18	18		
44000006	BITUMINOUS SURFACE REMOVAL 1 1/2"	SQ YD	28303	28303		
44000009	BITUMINOUS SURFACE REMOVAL 3"	SQ YD	996	996		
44000100	PAVEMENT REMOVAL	SQ YD	32	32		
44000300	CURB REMOVAL	FOOT	84	84		
44000600	SIDEWALK REMOVAL	SQ FT	148	148		
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	9	9		
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	397	397		
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	176	176		
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	1028	1028		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1861	1861		
48202000	BITUMINOUS SHOULDERS SUPERPAVE	TON	77	77		
60406500	FRAMES AND LIDS, SPECIAL	EACH	4	4		
60600505	CONCRETE CURB (SPECIAL)	FOOT	48	48		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	66	66		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		
67100100	MOBILIZATION	L SUM	1	1		
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5189	5189		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1122	1122		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	26591	26591		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1149	1149		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	174	174		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	10736	10736		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1122	1122		

SUMMARY OF QUANTITIES			100% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		I000	-----	-----
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	26591	26591		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1149	1149		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	174	174		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	865	865		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	314	314		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	314	314		
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	2526	2526		
X4066428	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90	TON	2195	2195		
Z0018200	DRAINAGE STRUCTURE RECONSTRUCTION (SPECIAL)	EACH	5	5		

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*SPECIALTY ITEMS

PLOT DATE: 5/17/2006

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	4
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

RESURFACING SCHEDULE

LOCATION			BITUMINOUS SURFACE REMOVAL 1.5"	BITUMINOUS SURFACE REMOVAL 3"	BIT. MAT'L PRIME COAT	AGGREGATE PRIME COAT	BITUMINOUS SHOULDER 1.5"	SURFACE COURSE 1.5"	STRIP REFLECTIVE CRACK CONTROL TREATMENT
STA TO STA			(SQ YD)	(SQ YD)	(TON)	(TON)	(TON)	(TON)	(FT)
IL 157									
982+30.00	TO	984+20.00	906.67		0.24	1.14	12.32	63.84	
984+20.00	TO	995+60.00	5328.89		1.43	6.84	64.59	383.04	1140.00
995+60.00	TO	997+88.50	863.22		0.27	1.29		72.51	228.50
997+88.50	TO	999+36.00	524.44		0.16	0.79		44.05	
999+36.00	TO	1000+84.00	587.89		0.18	0.88		49.38	148.00
1000+84.00	TO	1002+77.00	825.61		0.26	1.24		69.35	193.00
1002+77.00	TO	1004+28.00	599.81		0.19	0.90		50.38	151.00
1004+28.00	TO	1025+44.00	7758.67		2.43	11.64		651.73	
1028+62.00	TO	1028+74.37	54.98		0.02	0.08		4.62	
77+27.61	TO	98+86.00	8596.84	996.00	3.00	14.39		805.80	
TOTAL =			26048	996	8.2	40	77	2195	1861

* BITUMINOUS SURFACE REMOVAL 3" SHALL BE FROM STA. 88+22.00 TO 90+88.00 IN THE SOUTHBOUND LANE AND FROM 88+88.00 TO STA. 90+88.00 IN THE NORTHBOUND AND TURN LANE.

SIDEROAD RESURFACING SCHEDULE

LOCATION	BITUMINOUS SURFACE REMOVAL 1.5"	BIT. MAT'L PRIME COAT	AGGREGATE PRIME COAT	INCIDENTAL BITUMINOUS SURFACING
	(SQ YD)	(TON)	(TON)	(TON)
4th Street	245.44	0.08	0.37	20.62
3rd Street	173.33	0.05	0.26	14.56
2nd Avenue	164.67	0.05	0.25	13.83
1st Avenue	117.44	0.04	0.18	9.86
Mckinley	97.89	0.03	0.15	8.22
Franklin (East Side)	76.89	0.02	0.12	6.46
Hale Street(West Side)	109.78	0.03	0.16	9.22
Hale Street(East Side)	102.00	0.03	0.15	8.57
Holy Oak	96.33	0.03	0.14	8.09
Nelson	114.67	0.04	0.17	9.63
Jefferson (East Side)	88.67	0.03	0.13	7.45
Jefferson (West Side)	88.78	0.03	0.13	7.46
Park (East)	112.78	0.04	0.17	9.47
Longfellow	100.44	0.03	0.15	8.44
Schwarz (East)	203.00	0.06	0.30	17.05
Schwarz (West)	362.77	0.11	0.54	30.47
TOTAL =	2255	0.7	4	189

PAVEMENT MARKING SCHEDULE

LOCATION			THERMOPLASTIC PAVEMENT MARKING										RAISED REFLECTIVE PAVEMENT MARKERS			RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
			4"					6"	12"	12"	24"	LETTERS & SYMBOLS	ONE WAY CRYSTAL	ONE WAY AMBER	TWO WAY AMBER		
			SOLID YELLOW LANE LINE	SOLID WHITE LANE LINE	SOLID WHITE EDGE LINE	4" SOLID YELLOW SKIP-DASHED	SOLID DOUBLE YELLOW LINE	SOLID WHITE CROSS WALK	SOLID YELLOW DIAGONAL	STOP BARS	CROSS WALK	TURN ARROW	ONE WAY CRYSTAL	ONE WAY AMBER	TWO WAY AMBER		
STATION	TO	STATION	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH		EACH	EACH	
982+30	TO	983+50	240		240	60							31.2			6	6
983+50	TO	989+00	408	150	854	100	540			48			93.6	6		18	24
989+00	TO	995+00	1200		1004	300							93.6			30	30
995+00	TO	999+50	900		840	240							93.6			22	22
999+50	TO	1005+50	375	190	958	80	850	342	30	48	246		93.6	7	6	18	31
1005+50	TO	1011+50	1200		1138	300	1200	77			48		93.6			32	32
1011+50	TO	1017+50	1200		1138	300		75			48		93.6			30	30
1017+50	TO	1023+00	1100		1008	280		120			96		93.6			26	26
1023+00	TO	1028+50	488		348	120					48		31.2			14	14
1028+50	TO	81+00	768		770	200							62.4			18	18
81+00	TO	86+50	1100		887	280		169					108			28	28
86+50	TO	92+50	454	150	1040	80	540	190		48	259		124.8	6		20	26
92+50	TO	97+50	732	67	894	200		176			120		93.6	2		20	22
97+50	TO	98+86		8	272								15.6	1		4	5
SUB-TOTALS			10165	565	11391	2540	1930	1149	30	144	865	1122	22	6	286	314	
TOTALS					26591			1149	174		865	1122		314		314	

*STATION EQUATION: 1028+74.37 = 77+27.61

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

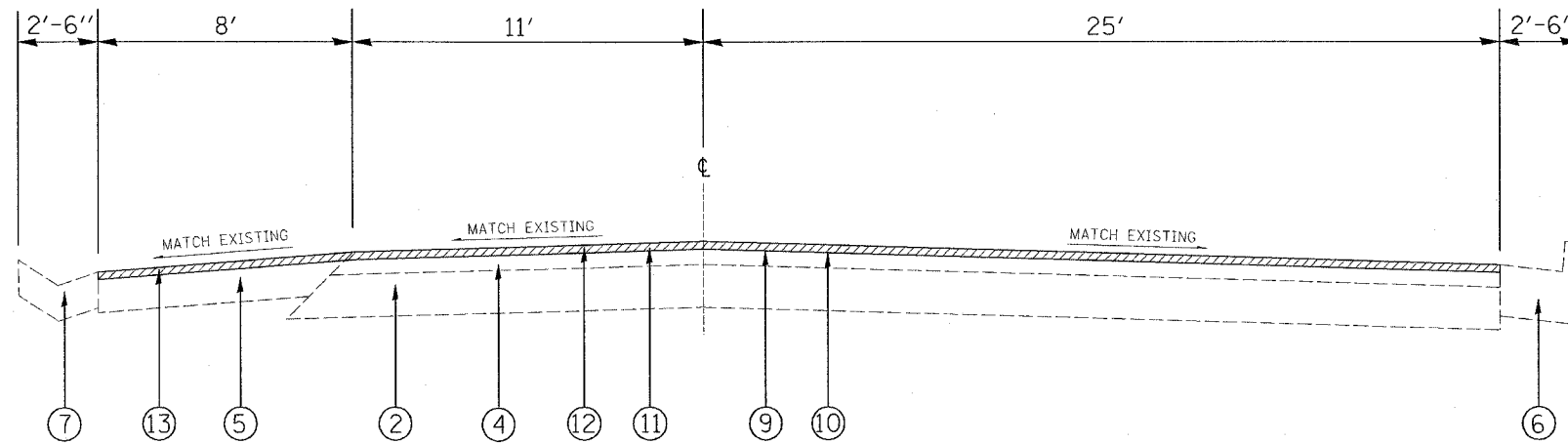
SCHEDULES

FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

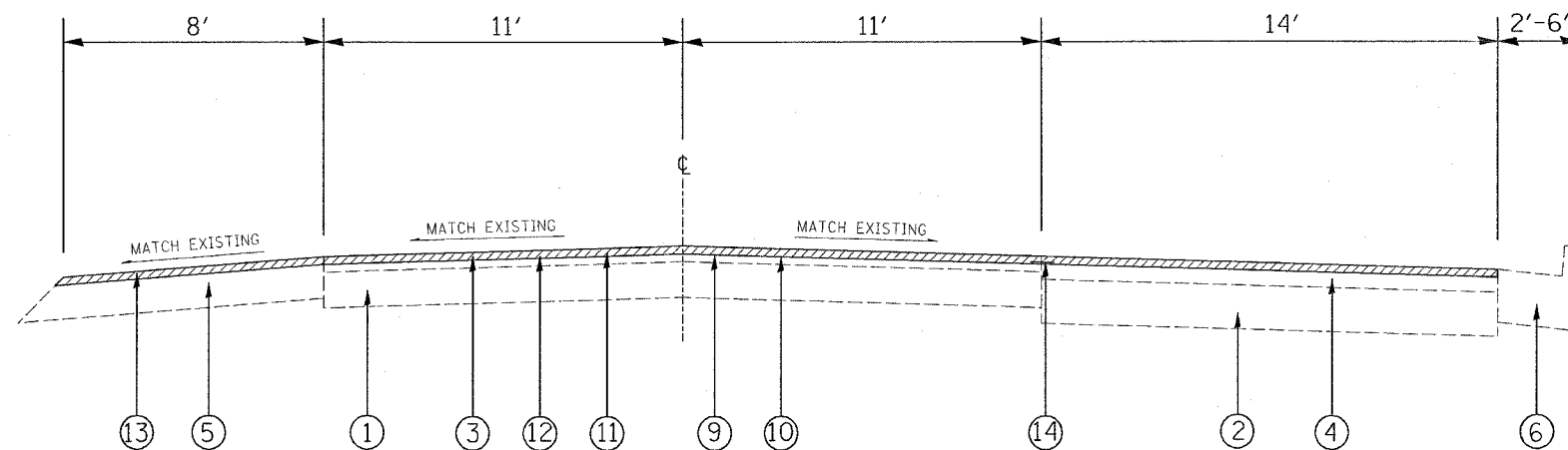
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PLOTTED BY DATE
CHECKED BY DATE
NO. OF SHEETS TOTAL SHEETS
CADD FILE NAME

5/15/2006
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5/15/2006

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	6
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	



TYPICAL SECTION
STA 982+30.00 TO STA 984+20.00



TYPICAL SECTION
STA 984+20.00 TO STA 987+45.00

LEGEND

- ① EXISTING PCC PAVEMENT, 7"
- ② EXISTING BITUMINOUS BASE COURSE, 8'-6"
- ③ EXISTING BITUMINOUS RESURFACING, 3.5"
- ④ EXISTING BITUMINOUS RESURFACING, 4.5"
- ⑤ EXISTING BITUMINOUS SHOULDERS, 8"
- ⑥ EXISTING CONCRETE CURB AND GUTTER TY. B-6.24
- ⑦ EXISTING TYPE B GUTTER
- ⑧ EXISTING TYPE B CURB
- ⑨ PROPOSED AGGREGATE MATERIALS (PRIME COAT)
- ⑩ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑪ PROPOSED BITUMINOUS SURFACE REMOVAL, 1.5"
- ⑫ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N90
- ⑬ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE 1.5"
- ⑭ PROPOSED STRIP REFLECTIVE CRACK CONTROL

NOTE: THE INTENT OF THE MILLING IS TO REMOVE 1/2" OF THE EXISTING SURFACE AND REPLACE WITH 1/2" OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90

REVISIONS	
NAME	DATE

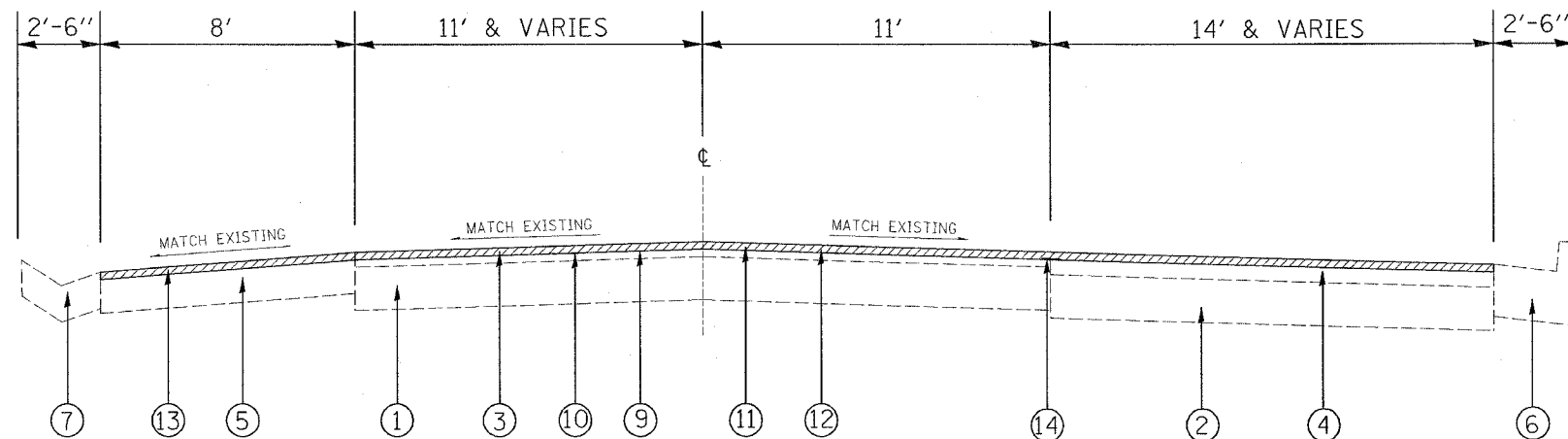
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

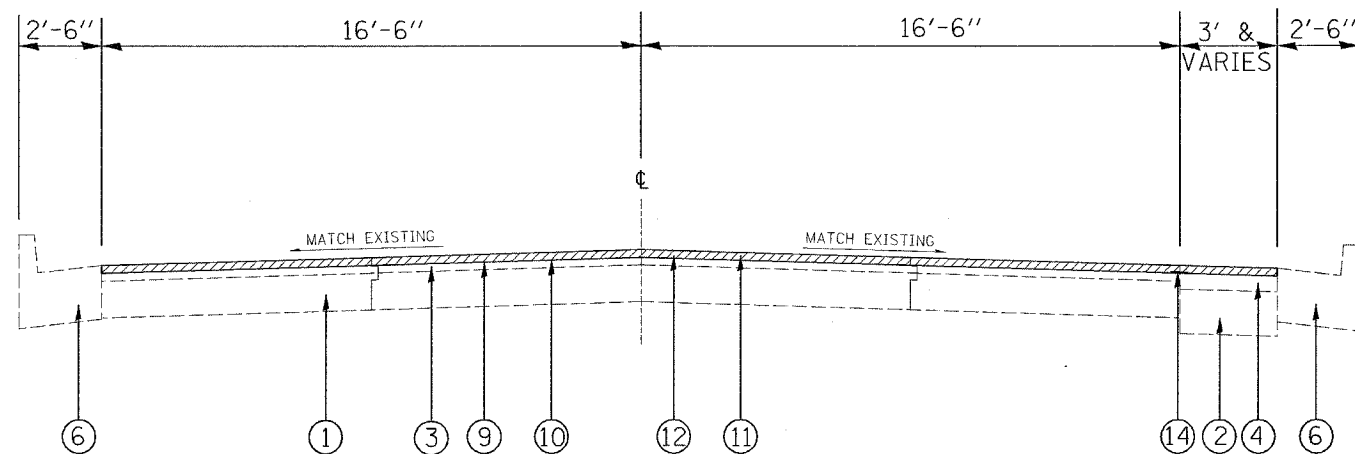
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PLOT DATE: 5/17/2006

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	7
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____	ILLINOIS	FED. AID PROJECT		



TYPICAL SECTION
STA 987+45.00 TO STA 994+45.00



TYPICAL SECTION
STA 994+45.00 TO STA 997+88.50

LEGEND

- ① EXISTING PCC PAVEMENT, 7"
- ② EXISTING BITUMINOUS BASE COURSE, 8'-6"
- ③ EXISTING BITUMINOUS RESURFACING, 3.5"
- ④ EXISTING BITUMINOUS RESURFACING, 4.5"
- ⑤ EXISTING BITUMINOUS SHOULDERS, 8"
- ⑥ EXISTING CONCRETE CURB AND GUTTER TY. B-6.24
- ⑦ EXISTING TYPE B GUTTER
- ⑧ EXISTING TYPE B CURB
- ⑨ PROPOSED AGGREGATE MATERIALS (PRIME COAT)
- ⑩ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑪ PROPOSED BITUMINOUS SURFACE REMOVAL, 1.5"
- ⑫ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N90
- ⑬ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE 1.5"
- ⑭ PROPOSED STRIP REFLECTIVE CRACK CONTROL

NOTE: THE INTENT OF THE MILLING IS TO REMOVE 1/2" OF THE EXISTING SURFACE AND REPLACE WITH 1/2" OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90

DATE: 5/17/2006
PROJECT: I-55/US-52
REF: REF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

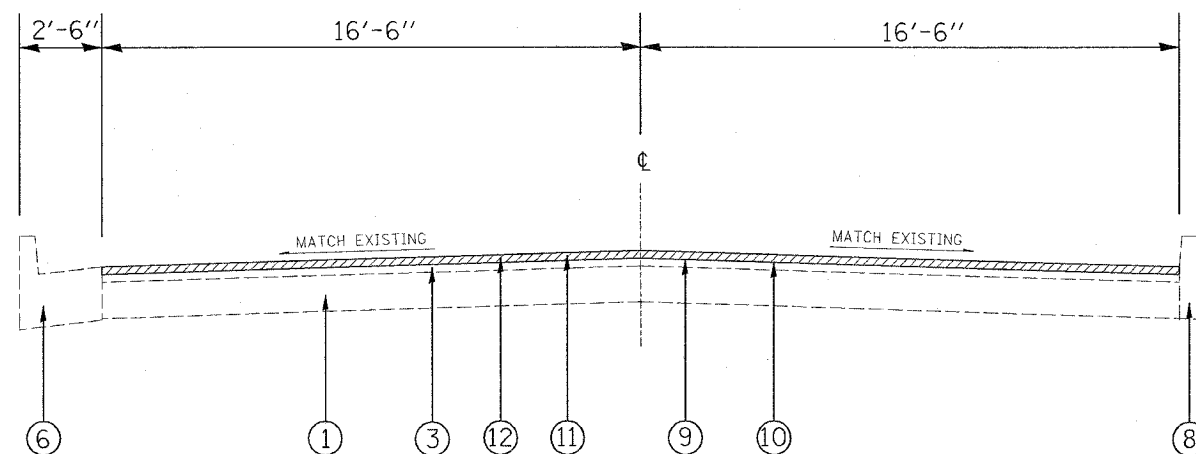
TYPICAL SECTIONS

FAP ROUTE 600
SECTION 34RS-2
COUNTY MADISON

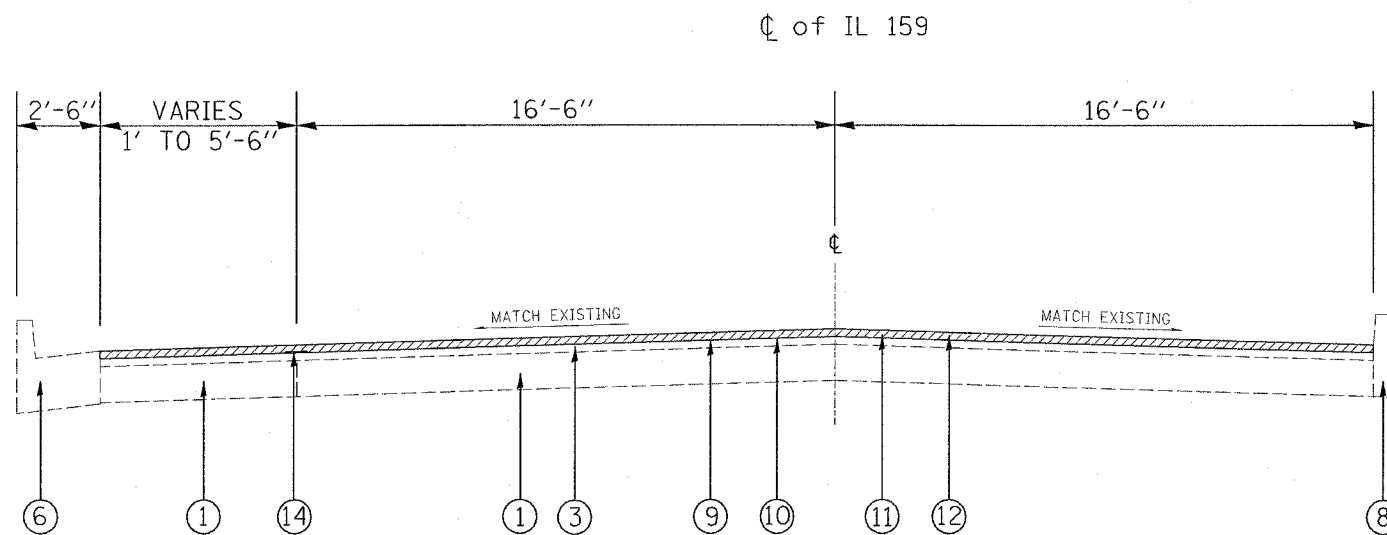
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PLOT DATE: 5/17/2006

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	8
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	



TYPICAL SECTION
STA 997+88.50 TO STA 999+36.00



TYPICAL SECTION
STA 999+36.00 TO STA 1004+28.00

LEGEND

- ① EXISTING PCC PAVEMENT, 7"
- ② EXISTING BITUMINOUS BASE COURSE, 8'-6"
- ③ EXISTING BITUMINOUS RESURFACING, 3.5"
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- ⑩ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑪ PROPOSED BITUMINOUS SURFACE REMOVAL, 1.5"
- ⑫ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N90
- ⑬ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE 1.5"
- ⑭ PROPOSED STRIP REFLECTIVE CRACK CONTROL

NOTE: THE INTENT OF THE MILLING IS TO REMOVE 1/2" OF THE EXISTING SURFACE AND REPLACE WITH 1/2" OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

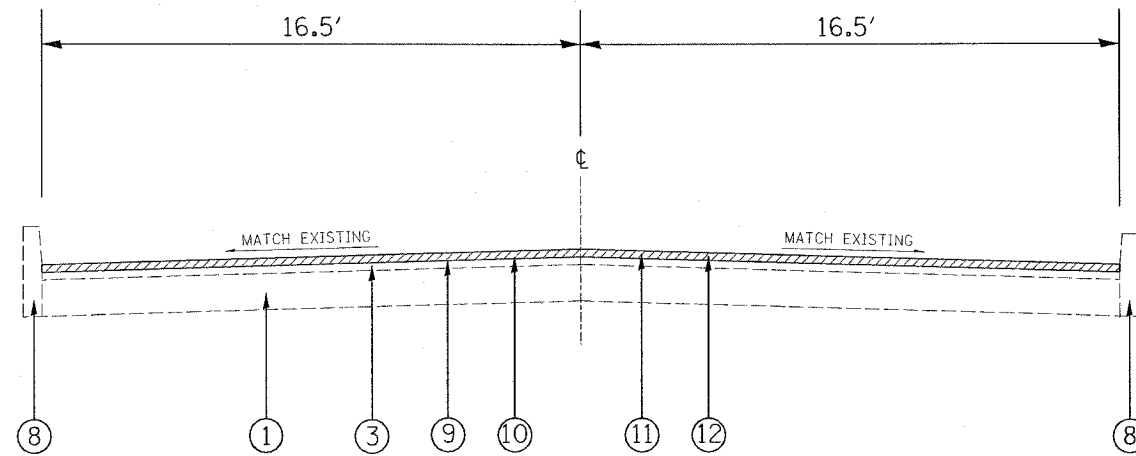
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SECTION 34RS-2
COUNTY MADISON

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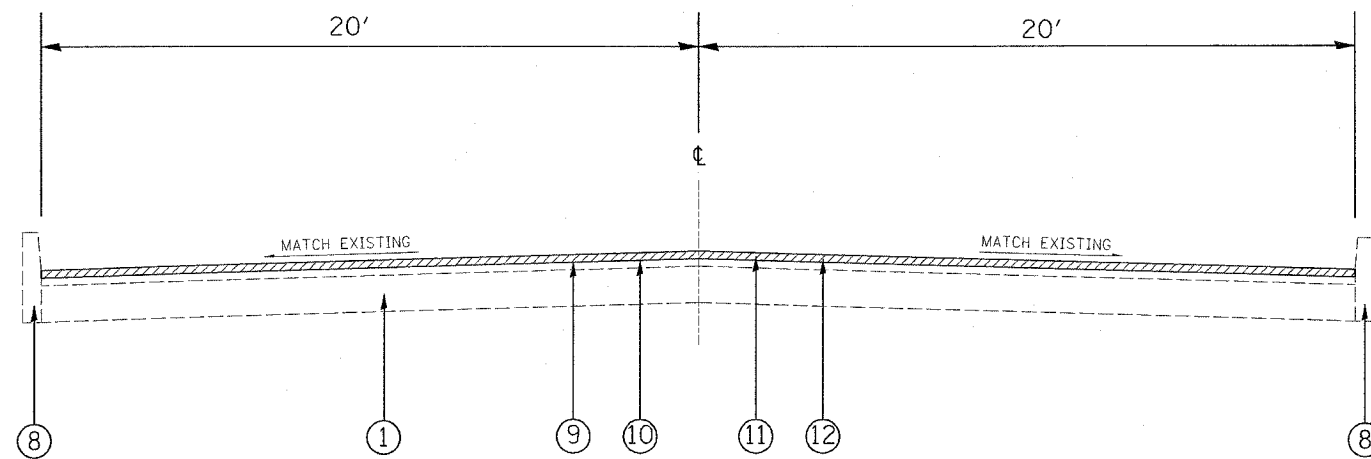
PLOT DATE: 5/17/2006

#DATE# 5/17/2006
 #PROJECT# 600-34RS-2
 #REF#
 #REF#

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	9
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		



TYPICAL SECTION
STA 1004+28.00 TO STA 1025+44.00



TYPICAL SECTION
STA 1028+62.00 TO STA 1028+74.37
STA 77+27.61 TO STA 88+10.00
(STATION EQUATION: 1028+74.37 = 77+27.61)

LEGEND

- ① EXISTING PCC PAVEMENT, 7"
- ② EXISTING BITUMINOUS BASE COURSE, 8'-6"
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- ⑭ PROPOSED STRIP REFLECTIVE CRACK CONTROL

NOTE: THE INTENT OF THE MILLING IS TO REMOVE 1/2" OF THE EXISTING SURFACE AND REPLACE WITH 1/2" OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90

8/14/06
 01/20/06
 REF-

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

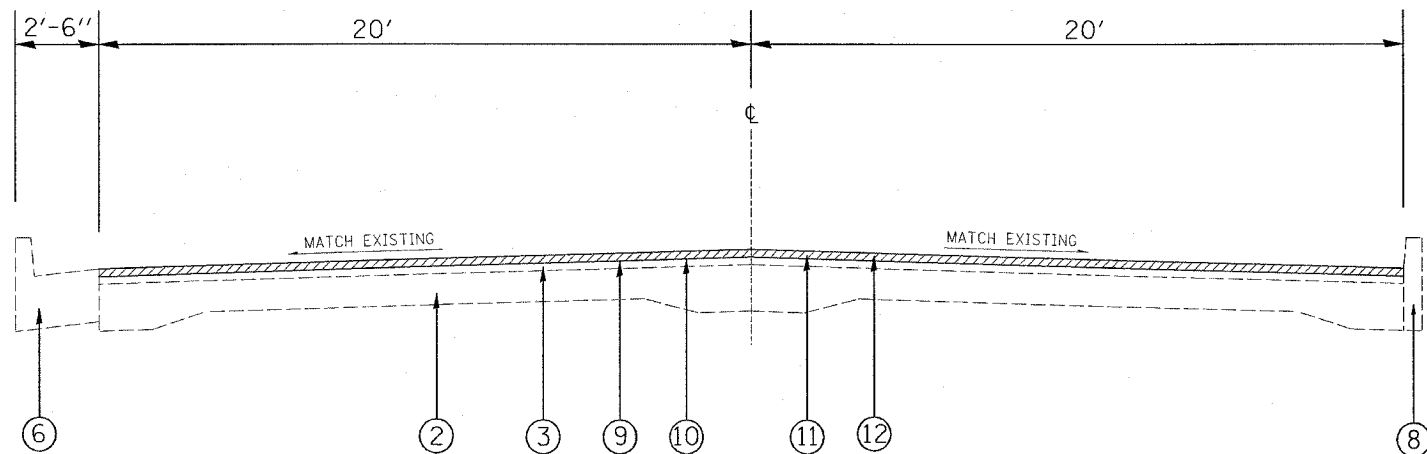
TYPICAL SECTIONS

FAP ROUTE 600
SECTION 34RS-2
COUNTY MADISON

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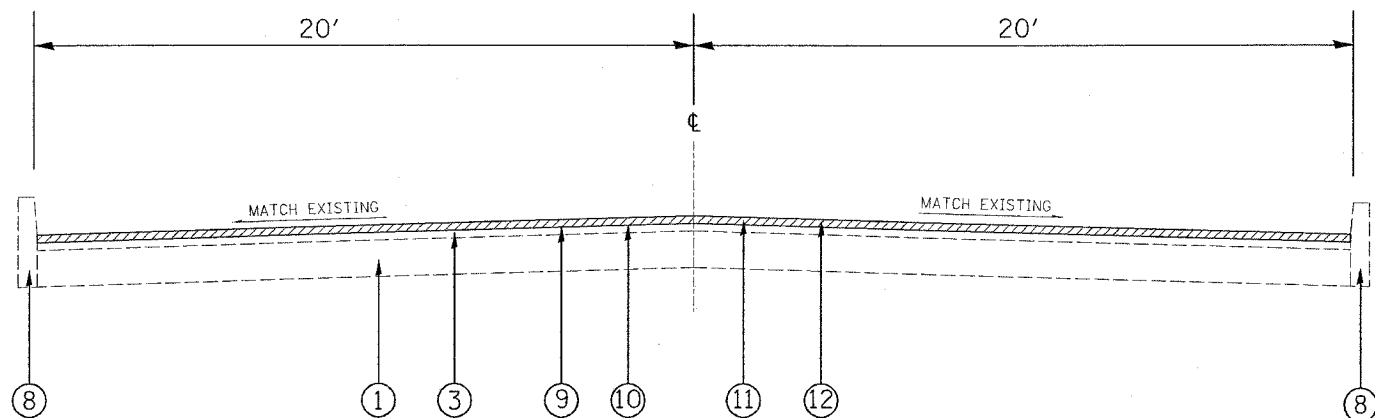
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	10
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____	ILLINOIS	FED. AID PROJECT		



TYPICAL SECTION

STA 88+10.00 TO STA 92+10.00
 STA 88+22.00 TO STA 90+88.00 S.B.*
 STA 88+88.00 TO STA 90+88.00 N.B.*



TYPICAL SECTION

STA 92+10.00 TO STA 98+86.00

LEGEND

- ① EXISTING PCC PAVEMENT, 7"
- ② EXISTING BITUMINOUS BASE COURSE, 8'-6"
- ③ EXISTING BITUMINOUS RESURFACING, 3.5"
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- ⑦ EXISTING TYPE B GUTTER
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- ⑨ PROPOSED AGGREGATE MATERIALS (PRIME COAT)
- ⑩ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑪ PROPOSED BITUMINOUS SURFACE REMOVAL, 1.5"
- *PROPOSED BITUMINOUS SURFACE REMOVAL, 3"
- ⑫ PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX D, N90
- ⑬ PROPOSED BITUMINOUS SHOULDERS SUPERPAVE 1.5"
- ⑭ PROPOSED STRIP REFLECTIVE CRACK CONTROL

NOTE: THE INTENT OF THE MILLING IS TO REMOVE 1/2" OF THE EXISTING SURFACE AND REPLACE WITH 1/2" OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90

* IN THE AREA INDICATED, THE INTENT IS TO MILL 3" OF THE EXISTING SURFACE AND REPLACE WITH 1/2" OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90

REVISIONS	
NAME	DATE

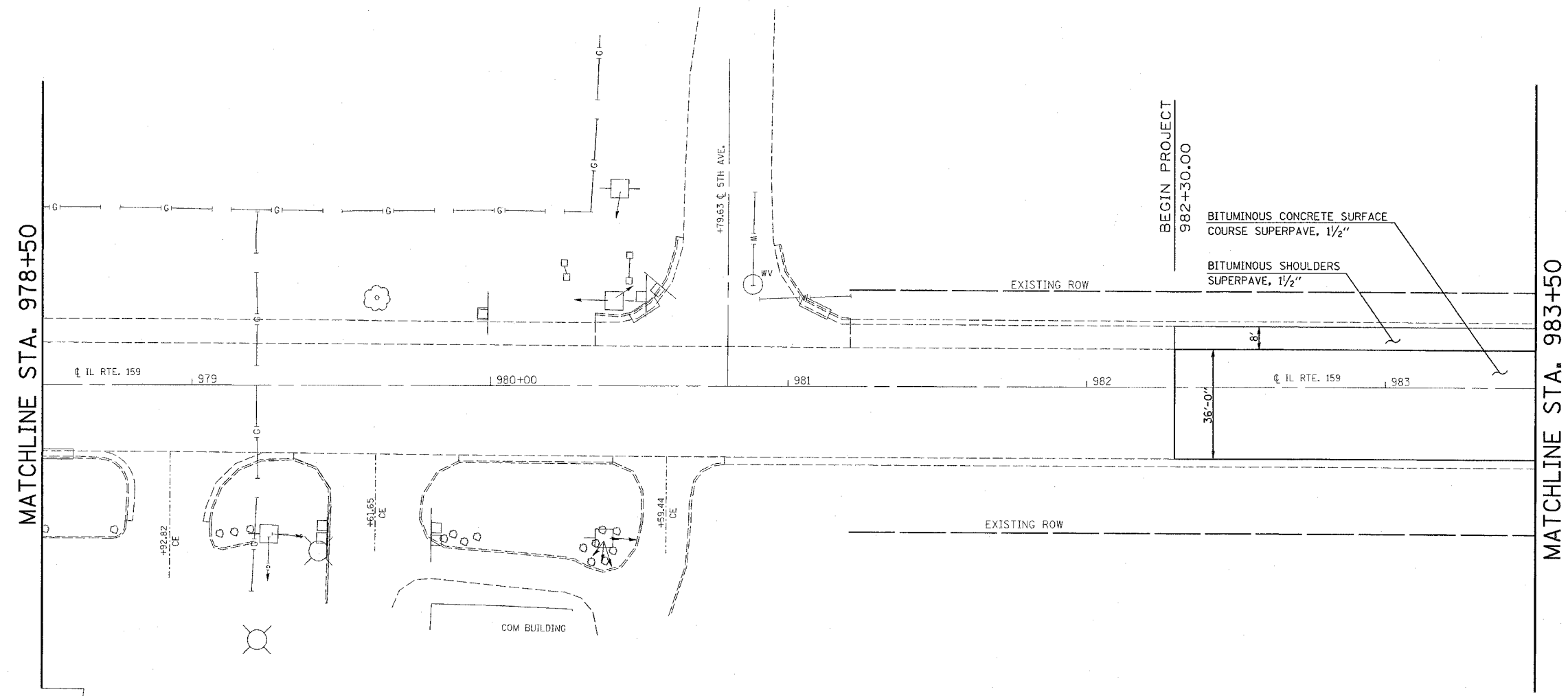
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

FAP ROUTE 600
 SECTION 34RS-2
 COUNTY MADISON

DRAWN BY:

PLOT DATE: 5/15/2006

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	11
STA. 978+50.00		TO STA. 983+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



MATCHLINE STA. 978+50

MATCHLINE STA. 983+50

BEGIN PROJECT
982+30.00

BITUMINOUS CONCRETE SURFACE
COURSE SUPERPAVE, 1 1/2"

BITUMINOUS SHOULDERS
SUPERPAVE, 1 1/2"

EXISTING ROW

EXISTING ROW

CAPT. "D"

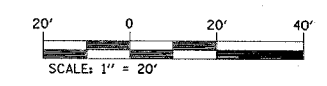
COM BUILDING

+79.63 CL 5TH AVE.

+92.82 CE

+61.65 CE

+59.41 CE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

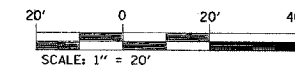
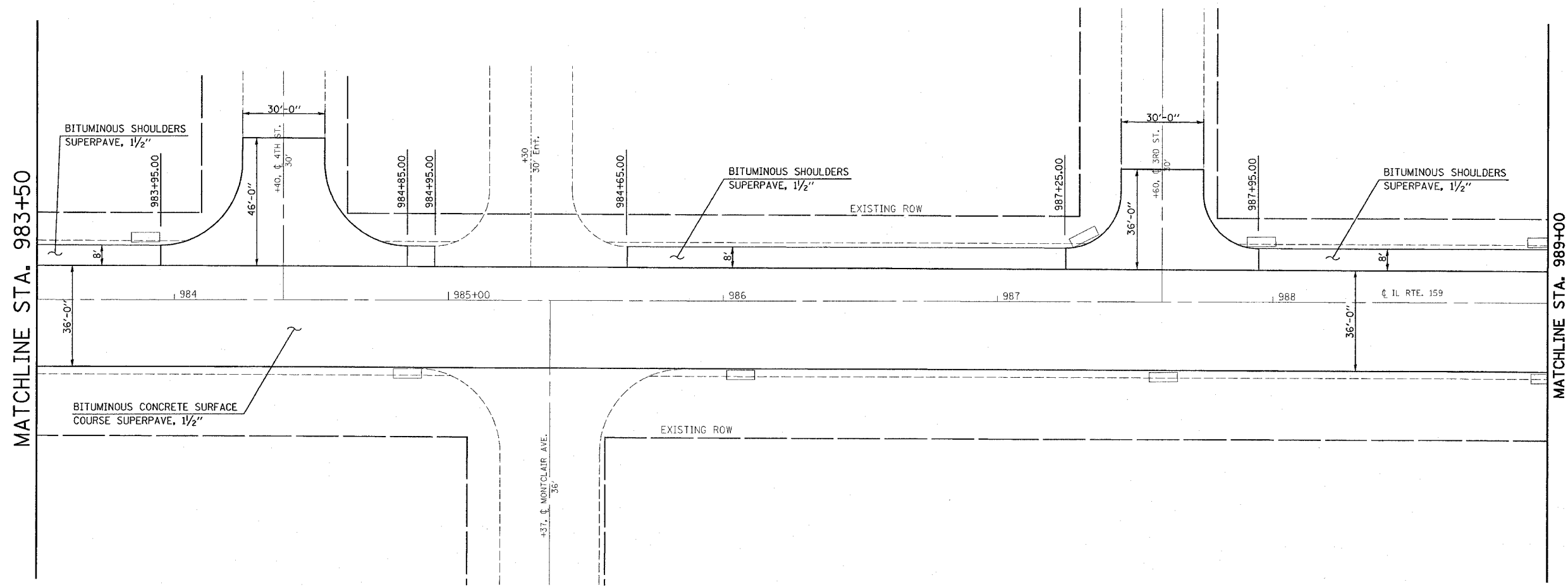
PLAN VIEW
FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 5/15/2006
 PLOT SCALE = 20,000 P/IN
 USER NAME = dntalman,j

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	12
STA. 983+50.00		TO STA. 989+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN VIEW

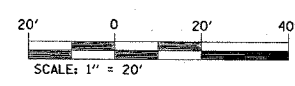
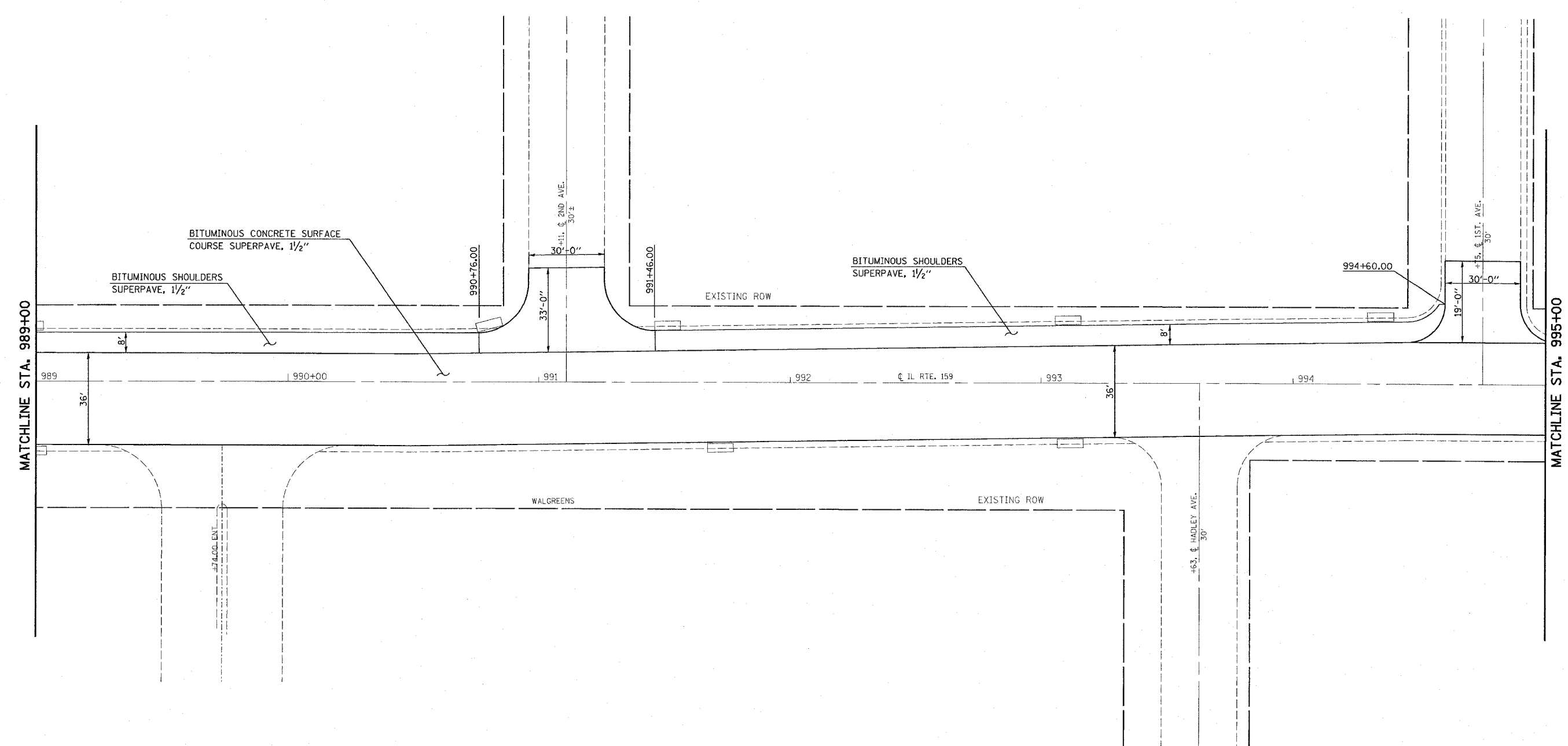
FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

PLOT DATE = 5/19/2006
FILE NAME = c:\projects\7108\plan\plan983.dgn
USER NAME = dbramson

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	13
STA. 989+00.00		TO STA. 995+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN VIEW

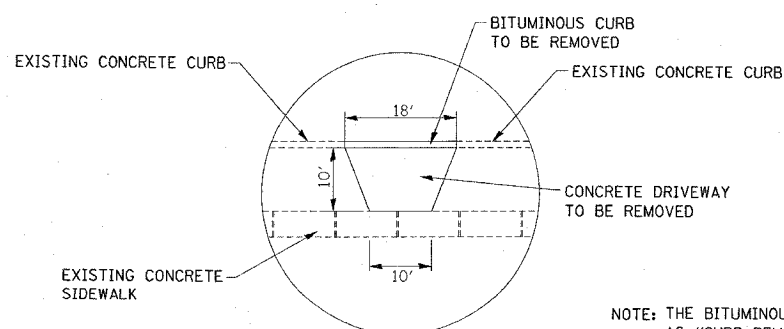
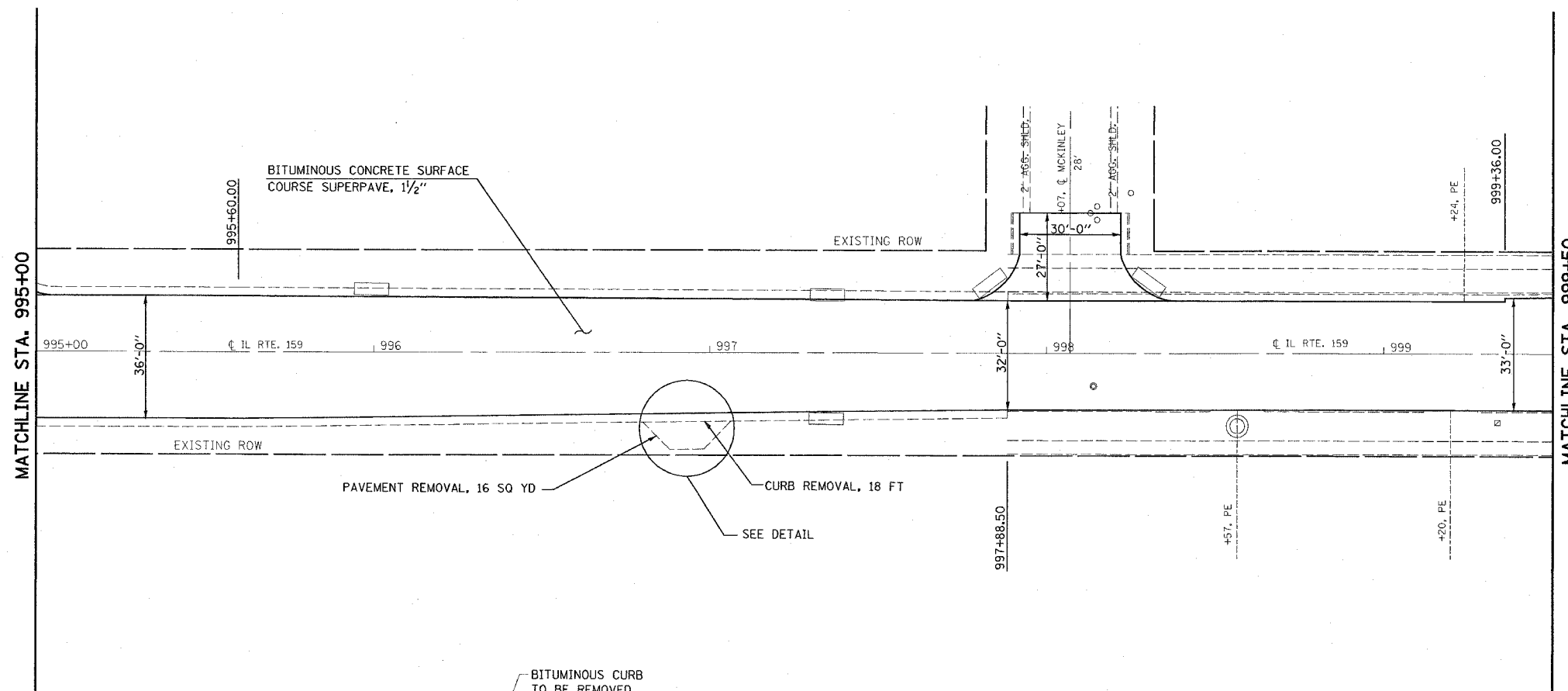
FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

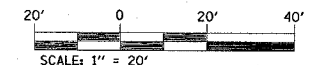
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USER NAME = dntslmnp

CONTRACT NO. 76441				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	14
STA. 995+00.00		TO STA. 999+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



DETAIL

NOTE: THE BITUMINOUS CURB REMOVAL WILL BE PAID FOR AS "CURB REMOVAL", AND THE CONCRETE DRIVEWAY REMOVAL WILL BE PAID FOR AS "PAVEMENT REMOVAL"



REVISIONS	
NAME	DATE

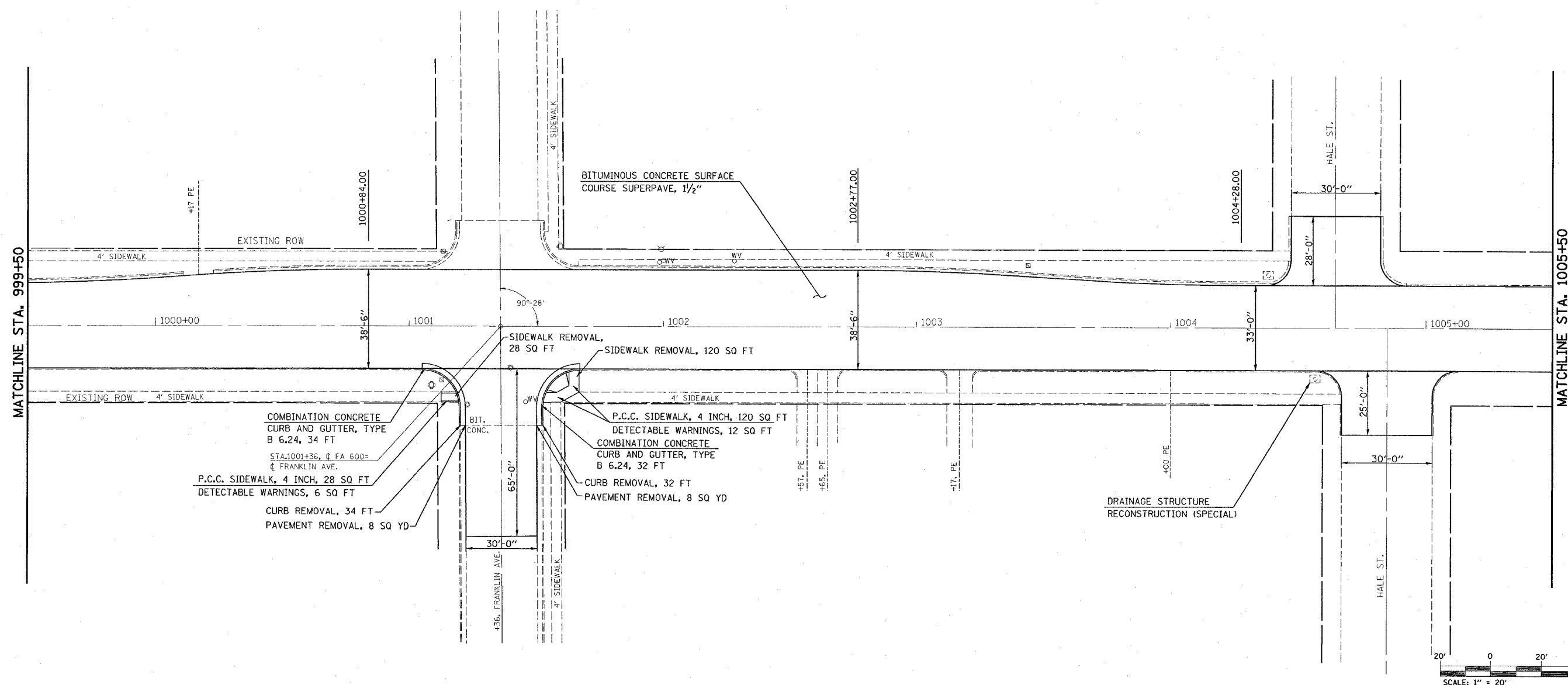
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP ROUTE 600
 SECTION 34RS-2
 MADISON COUNTY

SCALE: VERT. 1" = 20'
 HORIZ. 1" = 40'

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 5/15/2006
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 PLOT SCALE = 20,000 / IN.
 USER NAME = dnt\mlm\j

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	15
STA. 999+50.00		TO STA. 1005+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN VIEW

FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

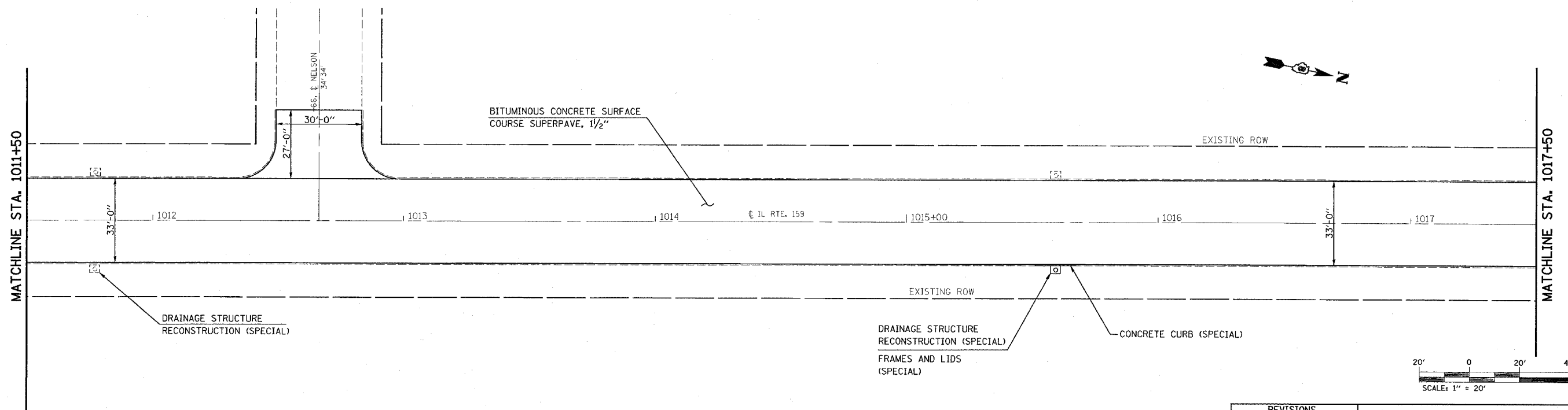
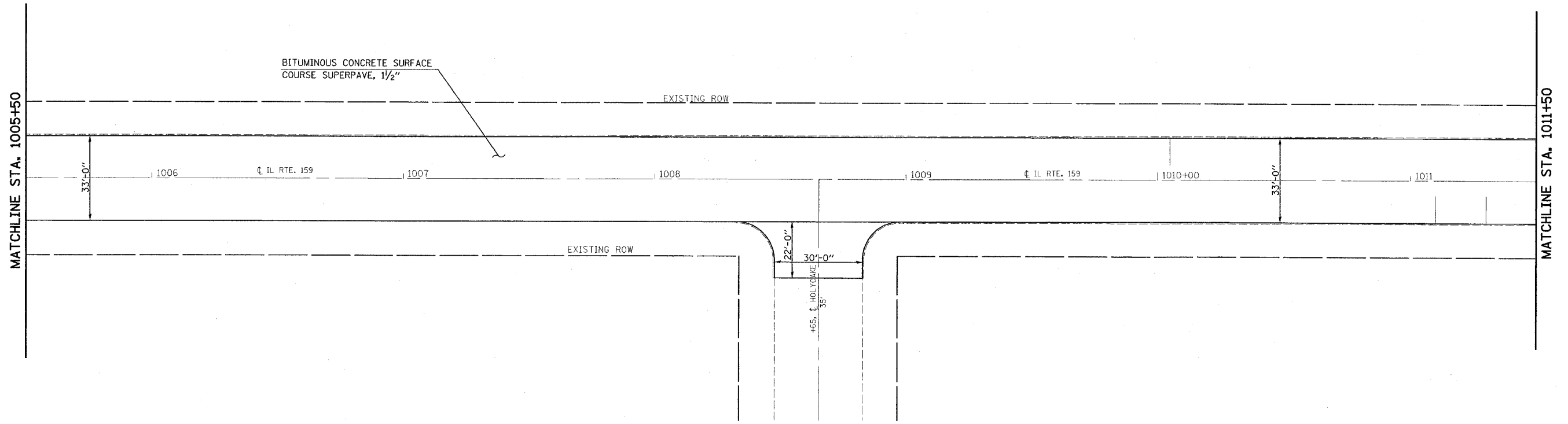
SCALE: VERT. _____
HORIZ. _____

DATE _____

DRAWN BY _____
CHECKED BY _____

PLOT DATE = 5/15/2008
 PLOT SCALE = 20,000/1
 USER NAME = dntalmanj

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	16
STA. 1005+50.00		TO STA. 1017+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



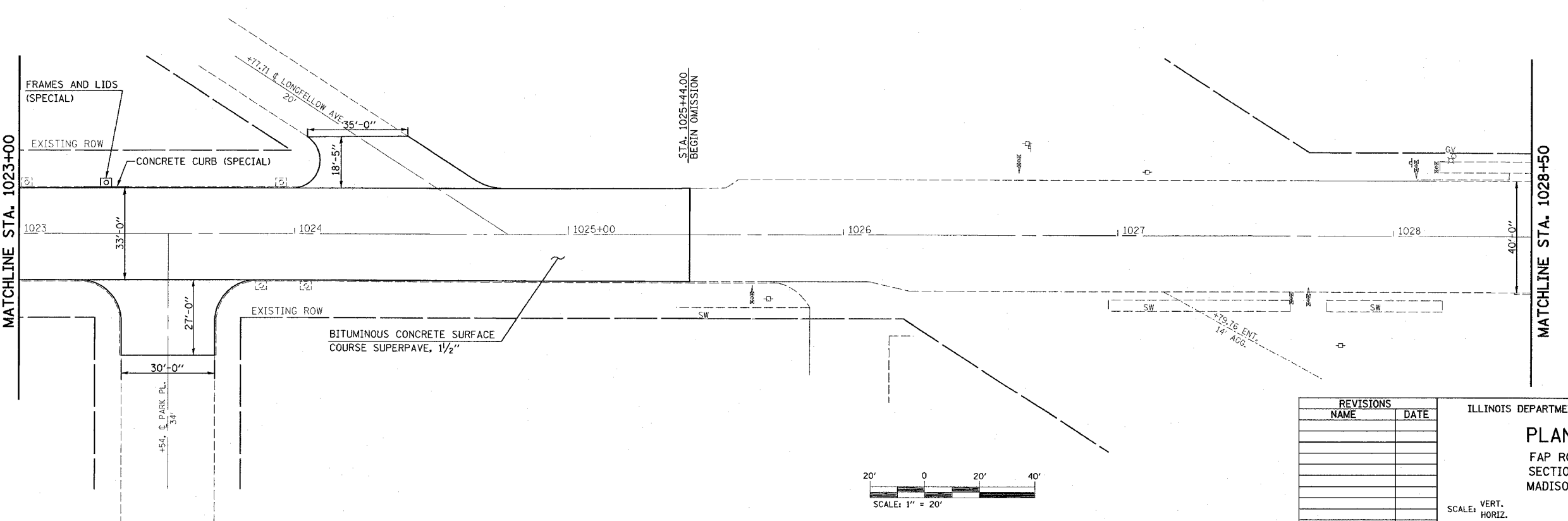
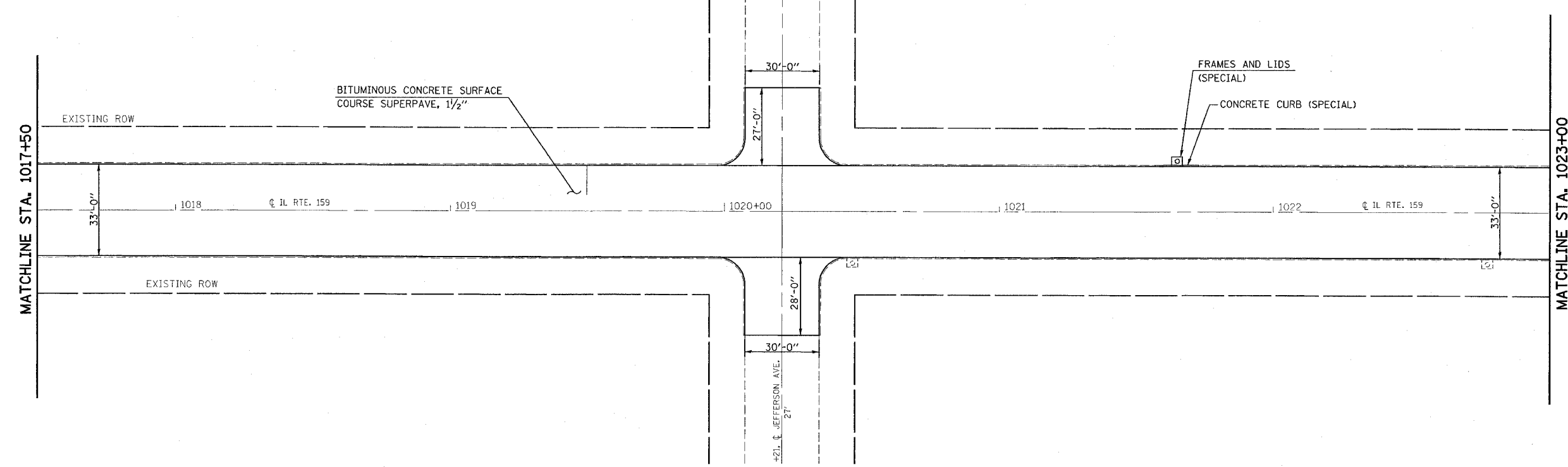
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP ROUTE 600
 SECTION 34RS-2
 MADISON COUNTY

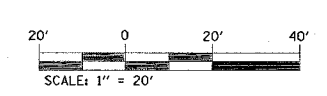
SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

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 PLOT SCALE = 20,000 / 1 IN.
 USER NAME = d\m\manyp

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	17
STA. 1017+50.00		TO STA. 1028+60.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PLOT DATE = 5/15/2006
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 USER NAME = dms11n1j



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP ROUTE 600
 SECTION 34RS-2
 MADISON COUNTY

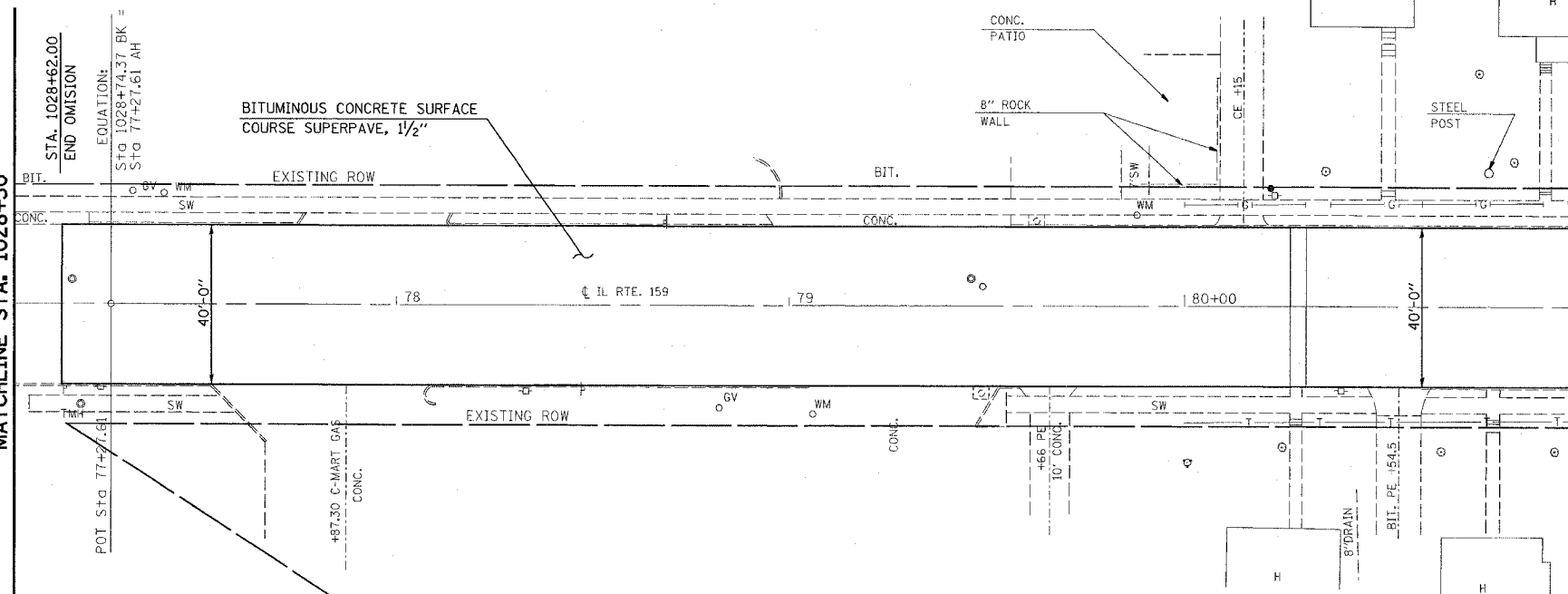
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	18
STA. 1028+60.00		TO STA. 86+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

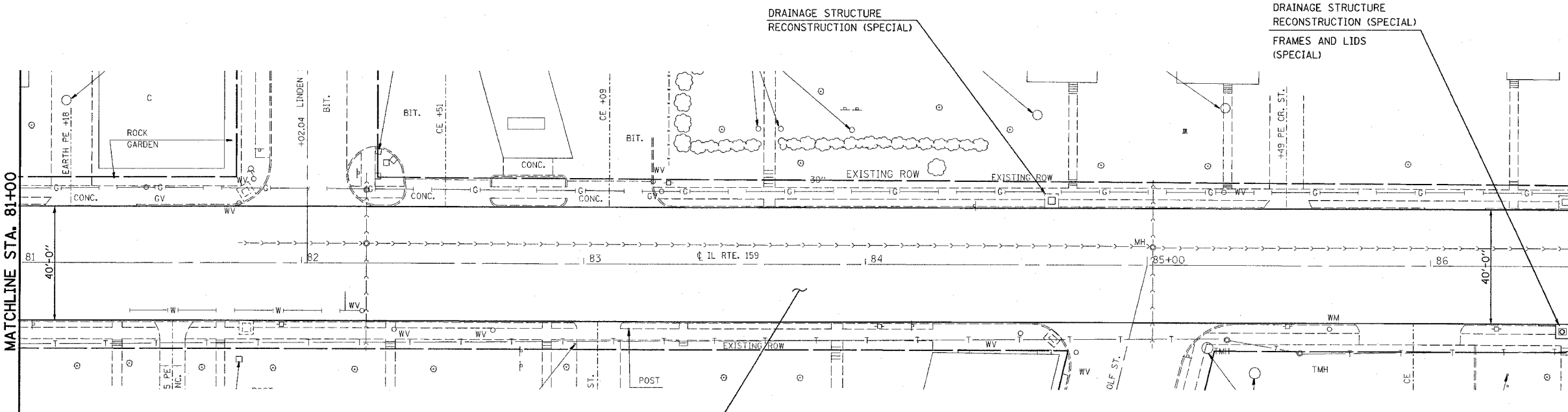
MATCHLINE STA. 1028+50

MATCHLINE STA. 81+00

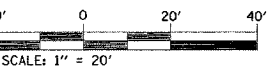


MATCHLINE STA. 81+00

MATCHLINE STA. 86+50



BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE, 1 1/2"



REVISIONS	
NAME	DATE

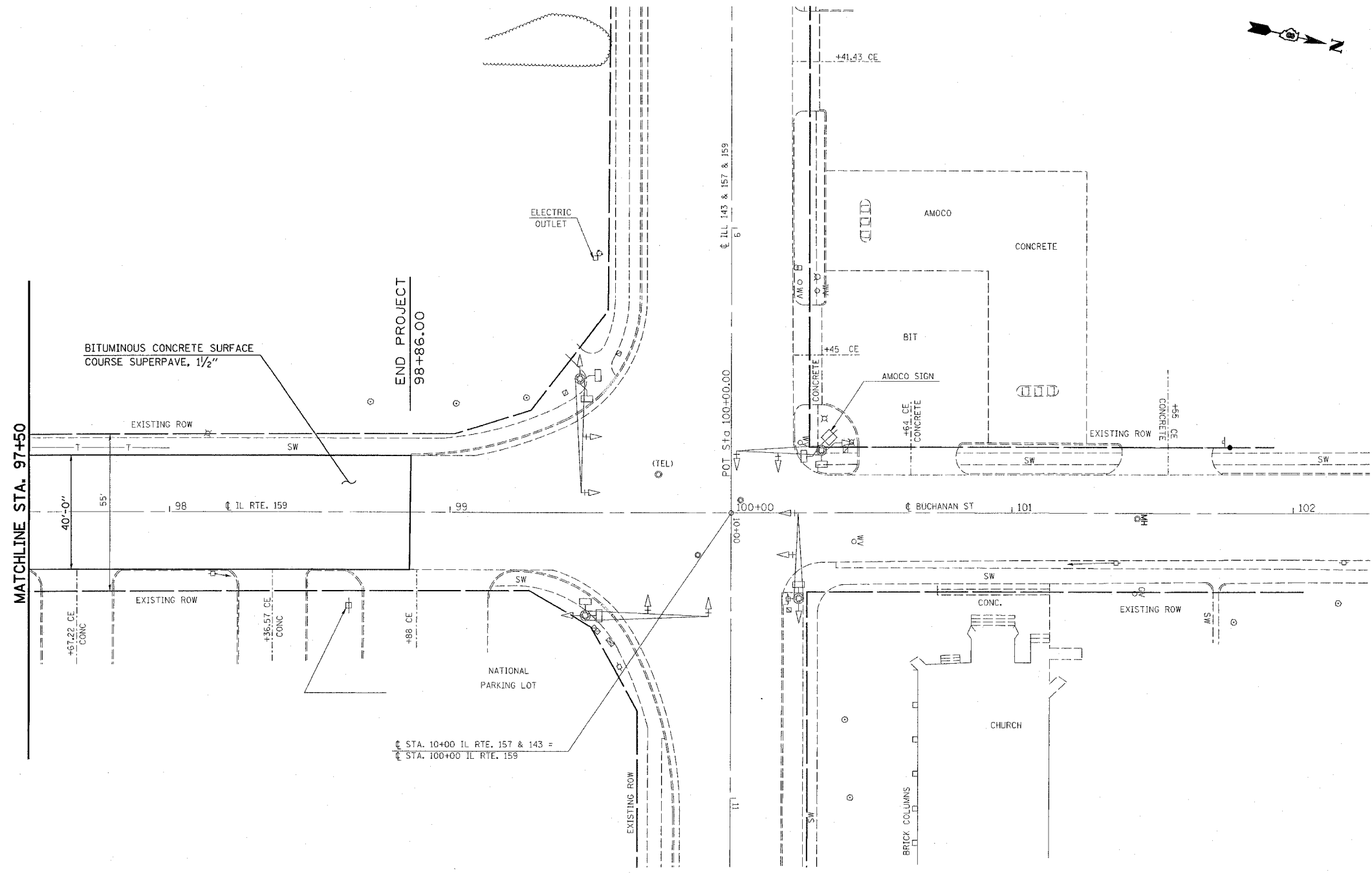
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 FAP ROUTE 600
 SECTION 34RS-2
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 5/15/2006
 PLOT SCALE = 20.0000 / IN.
 USER NAME = dmsalmanj

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	21
STA. 97+50.00		TO STA. 98+86.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

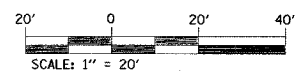


MATCHLINE STA. 97+50

BITUMINOUS CONCRETE SURFACE
COURSE SUPERPAVE, 1 1/2"

END PROJECT
98+86.00

☐ STA. 10+00 IL RTE. 157 & 143 =
☐ STA. 100+00 IL RTE. 159



EXISTING ROW

DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN VIEW

FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

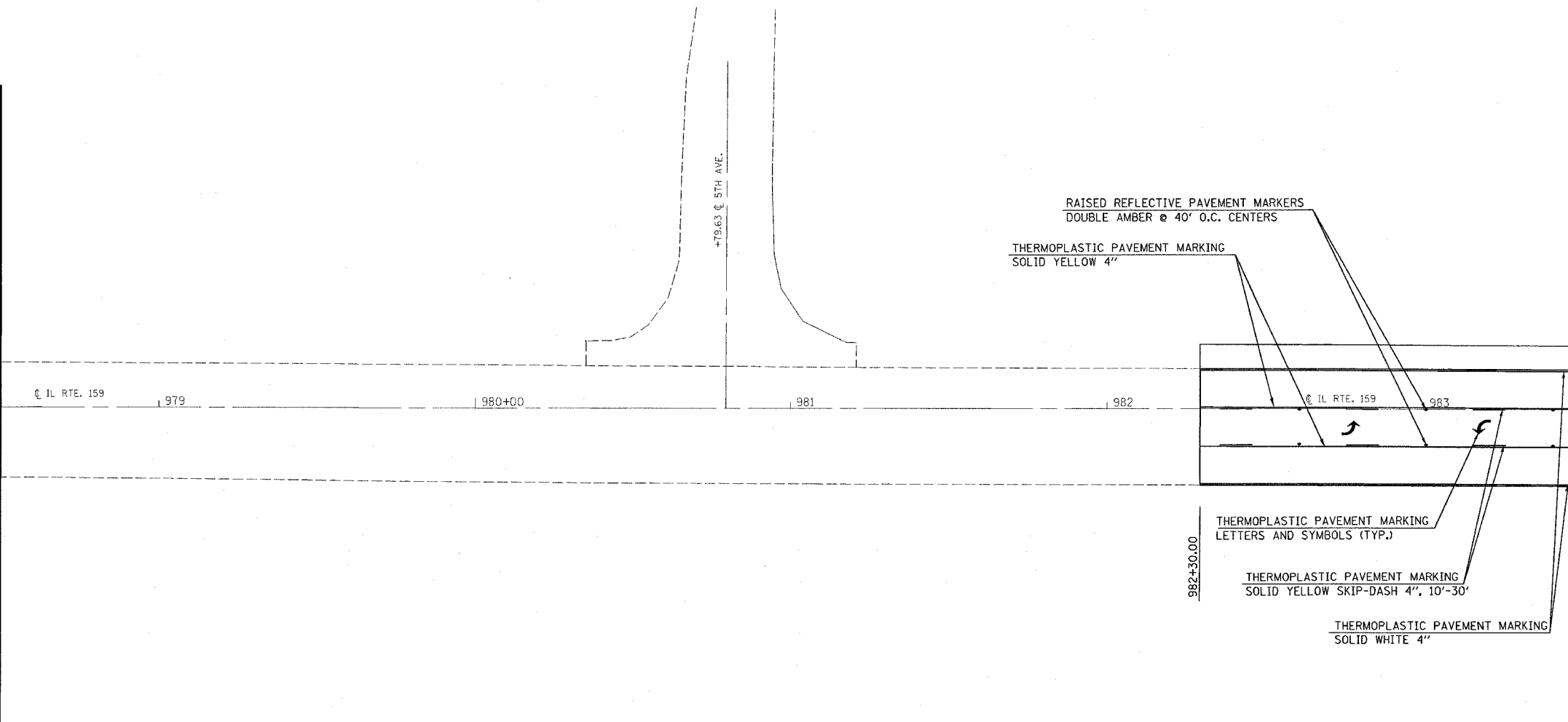
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 5/15/2006
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	22
STA. 978+50.00		TO STA. 983+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

MATCHLINE STA. 978+50



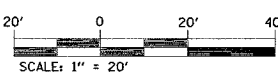
RAISED REFLECTIVE PAVEMENT MARKERS
DOUBLE AMBER @ 40' O.C. CENTERS

THERMOPLASTIC PAVEMENT MARKING
SOLID YELLOW 4"

THERMOPLASTIC PAVEMENT MARKING
LETTERS AND SYMBOLS (TYP.)

THERMOPLASTIC PAVEMENT MARKING
SOLID YELLOW SKIP-DASH 4", 10'-30'

THERMOPLASTIC PAVEMENT MARKING
SOLID WHITE 4"



REVISIONS	
NAME	DATE

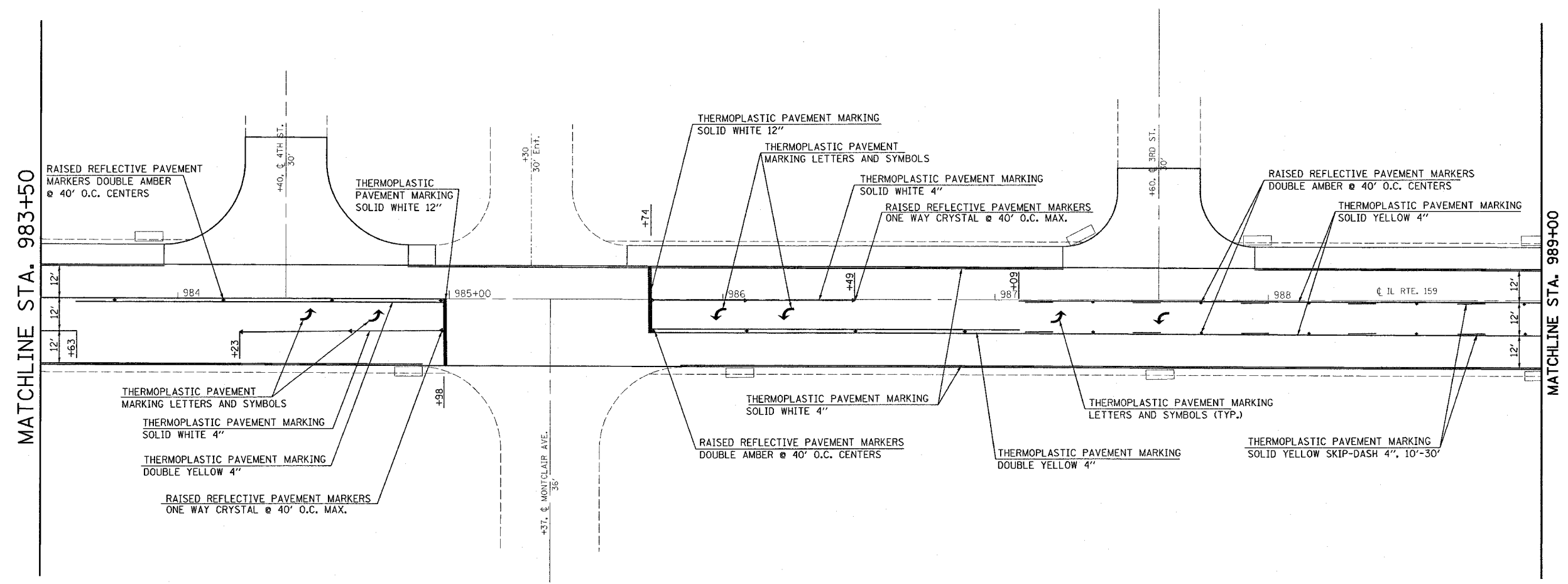
ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

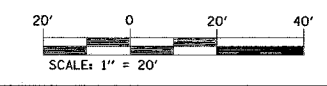
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USER NAME = dmschmeyer

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	23
STA. 983+50.00		TO STA. 989+00.00		
FED. ROAD DIST. NO. _		ILLINOIS FED. AID PROJECT		



MATCHLINE STA. 983+50

MATCHLINE STA. 989+00



REVISIONS	
NAME	DATE

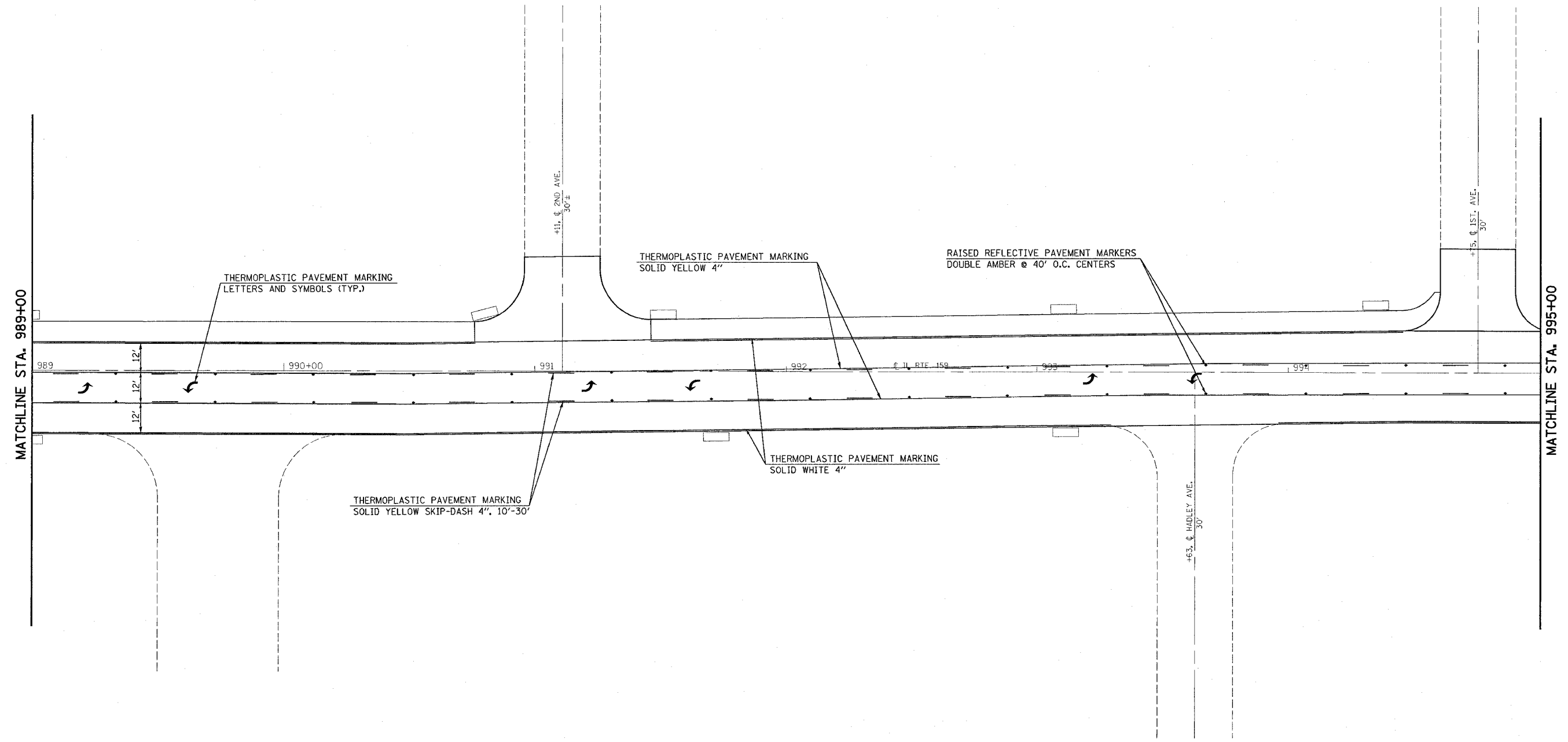
ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

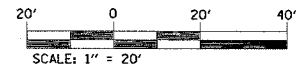
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	24
STA. 989+00.00		TO STA. 995+00.00		
FED. ROAD DIST. NO. .		ILLINOIS	FED. AID PROJECT	



MATCHLINE STA. 989+00

MATCHLINE STA. 995+00



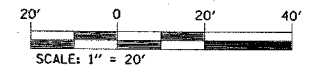
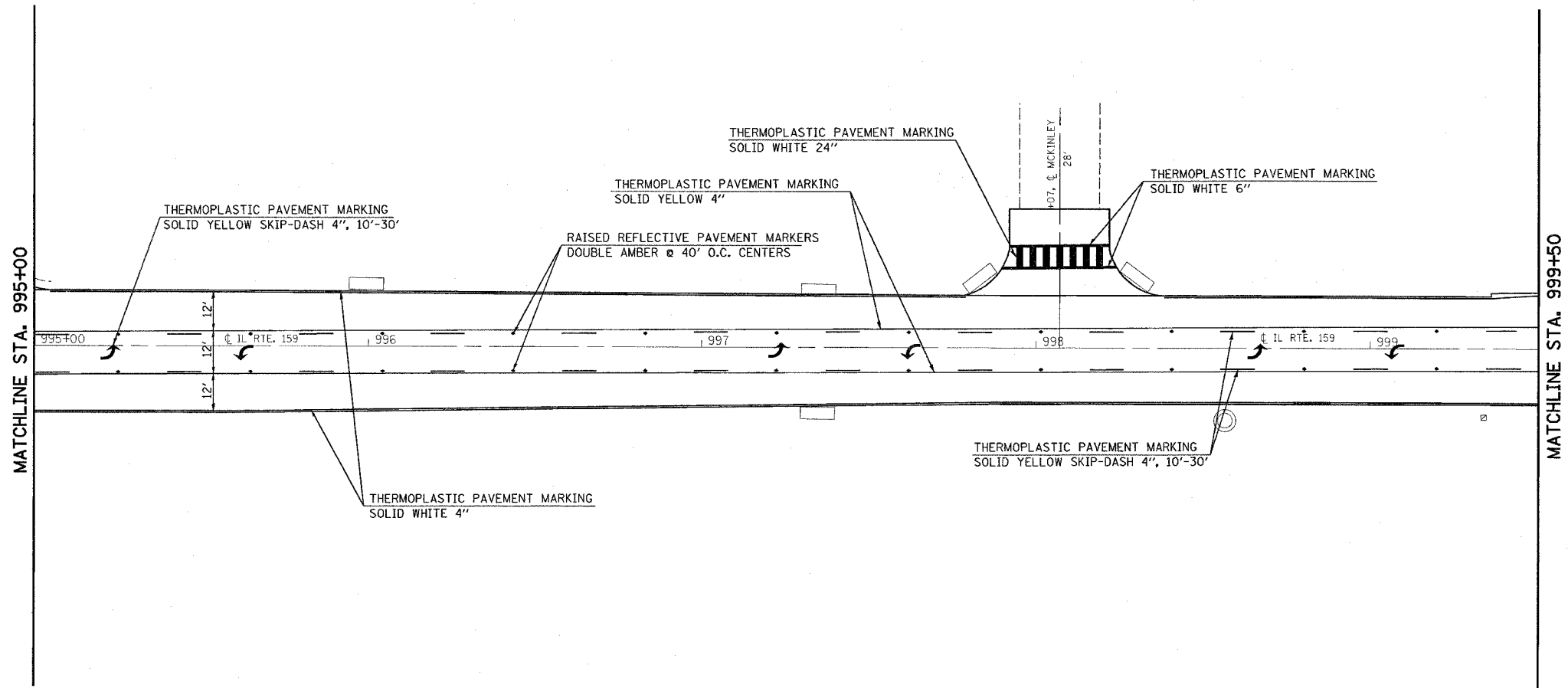
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
 FAP ROUTE 600
 SECTION 34RS-2
 MADISON COUNTY

PLOT DATE = 5/15/2008
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	25
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FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

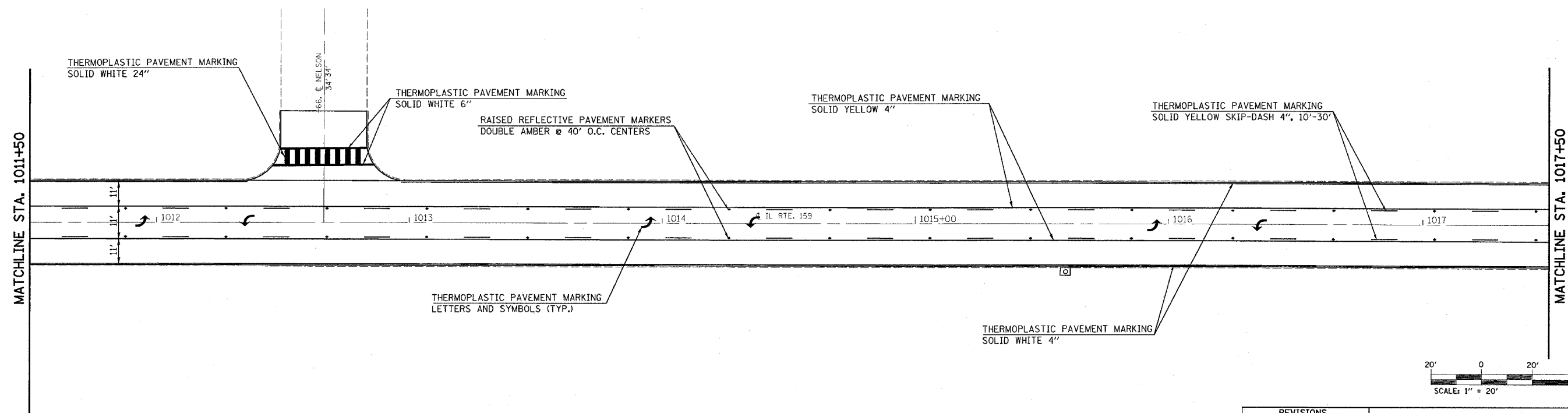
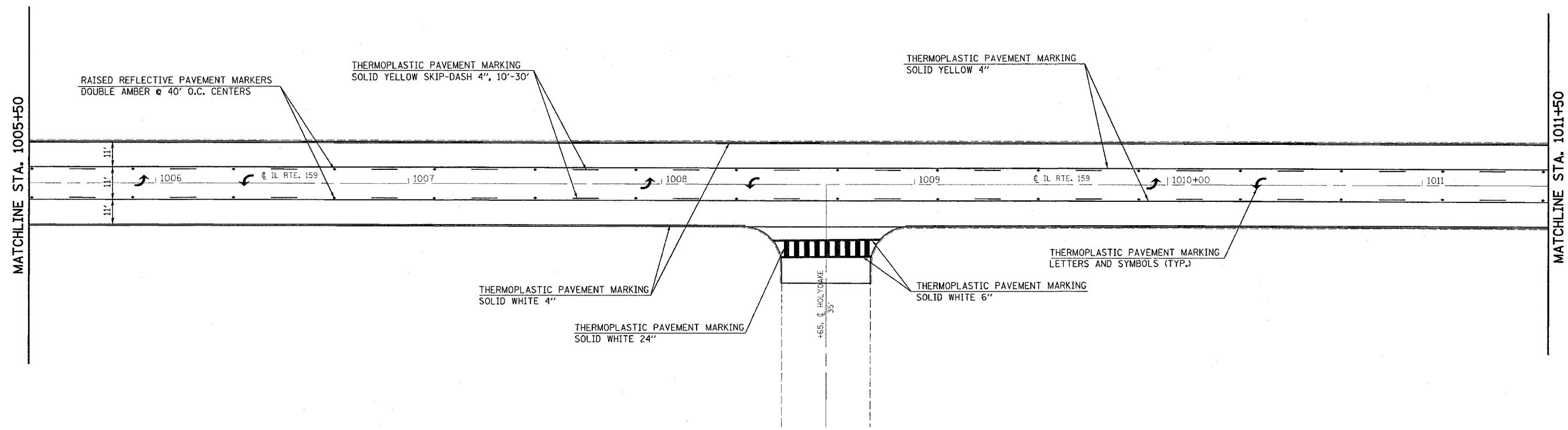
ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

PLOT DATE = 5/15/2008
 PLOT SCALE = 20.0000 / IN.
 USER NAME = dmvalmyrj

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	27
STA. 1005+50.00		TO STA. 1017+50.00		
FED. ROAD DIST. NO. .		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

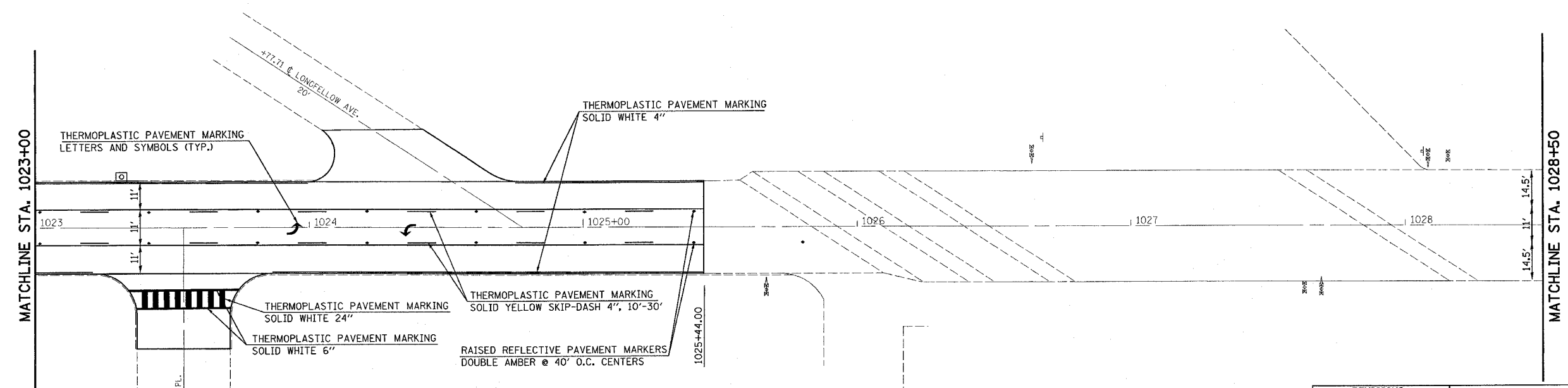
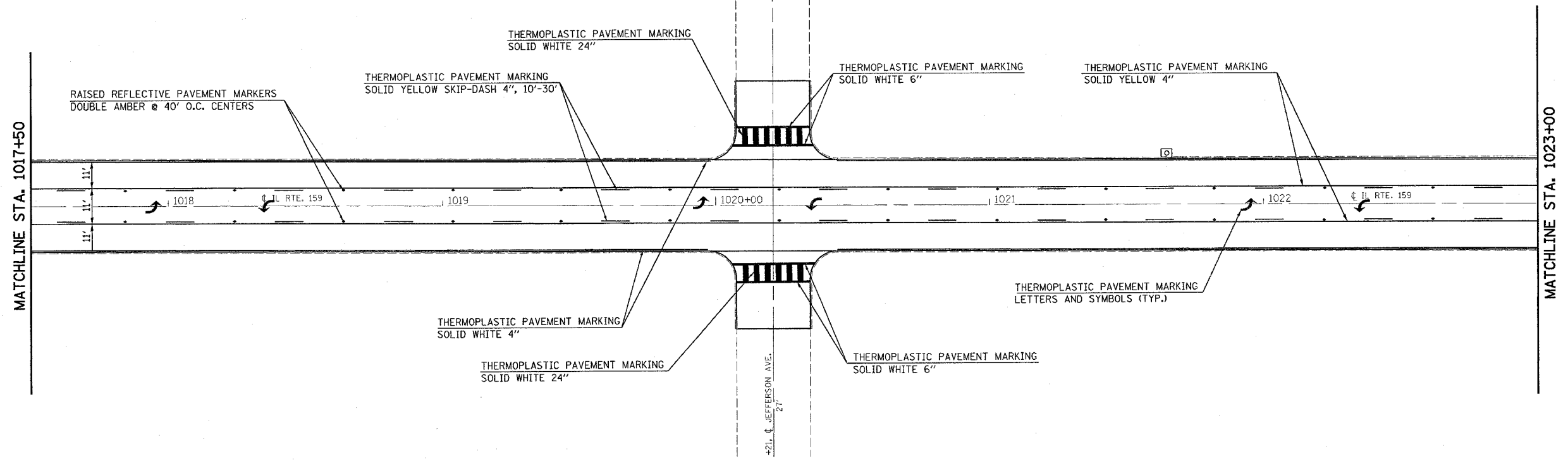
ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

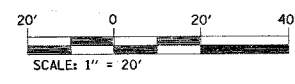
FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

PLT DATE = 5/15/2006
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CONTRACT NO. 76441				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	28
STA. 1017+50.00		TO STA. 1028+60.00		
FED. ROAD DIST. NO. .		ILLINOIS FED. AID PROJECT		



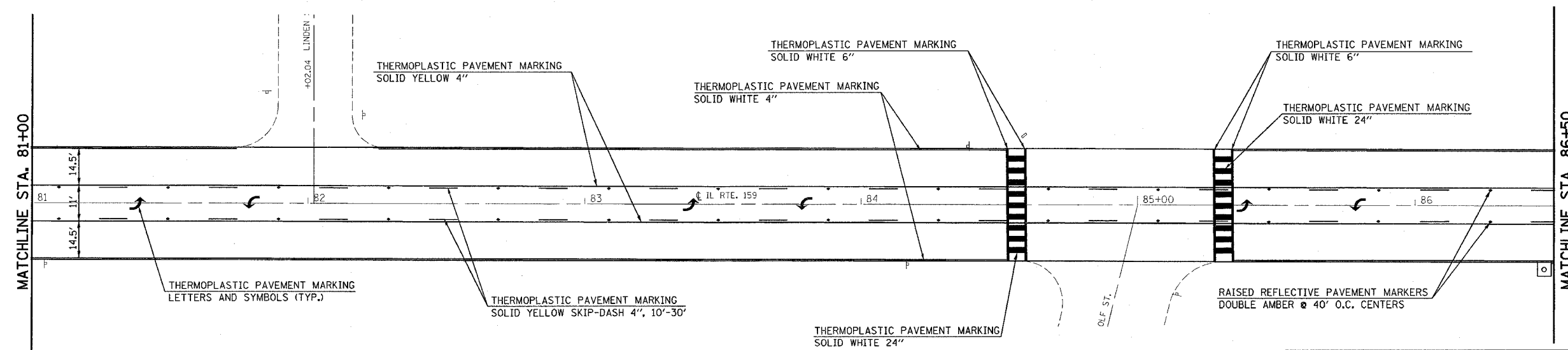
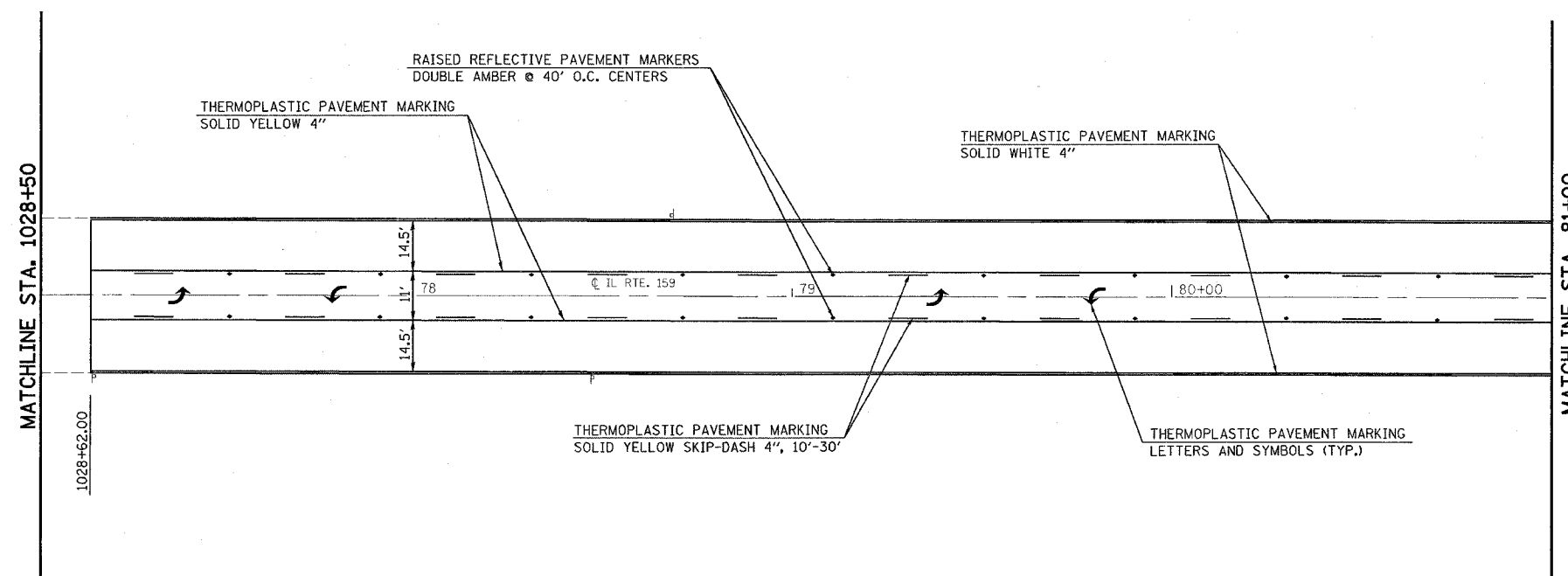
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REVISIONS	
NAME	DATE

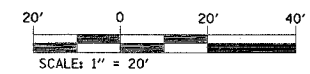
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
 FAP ROUTE 600
 SECTION 34RS-2
 MADISON COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	29
STA. 1028+60.00		TO STA. 86+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



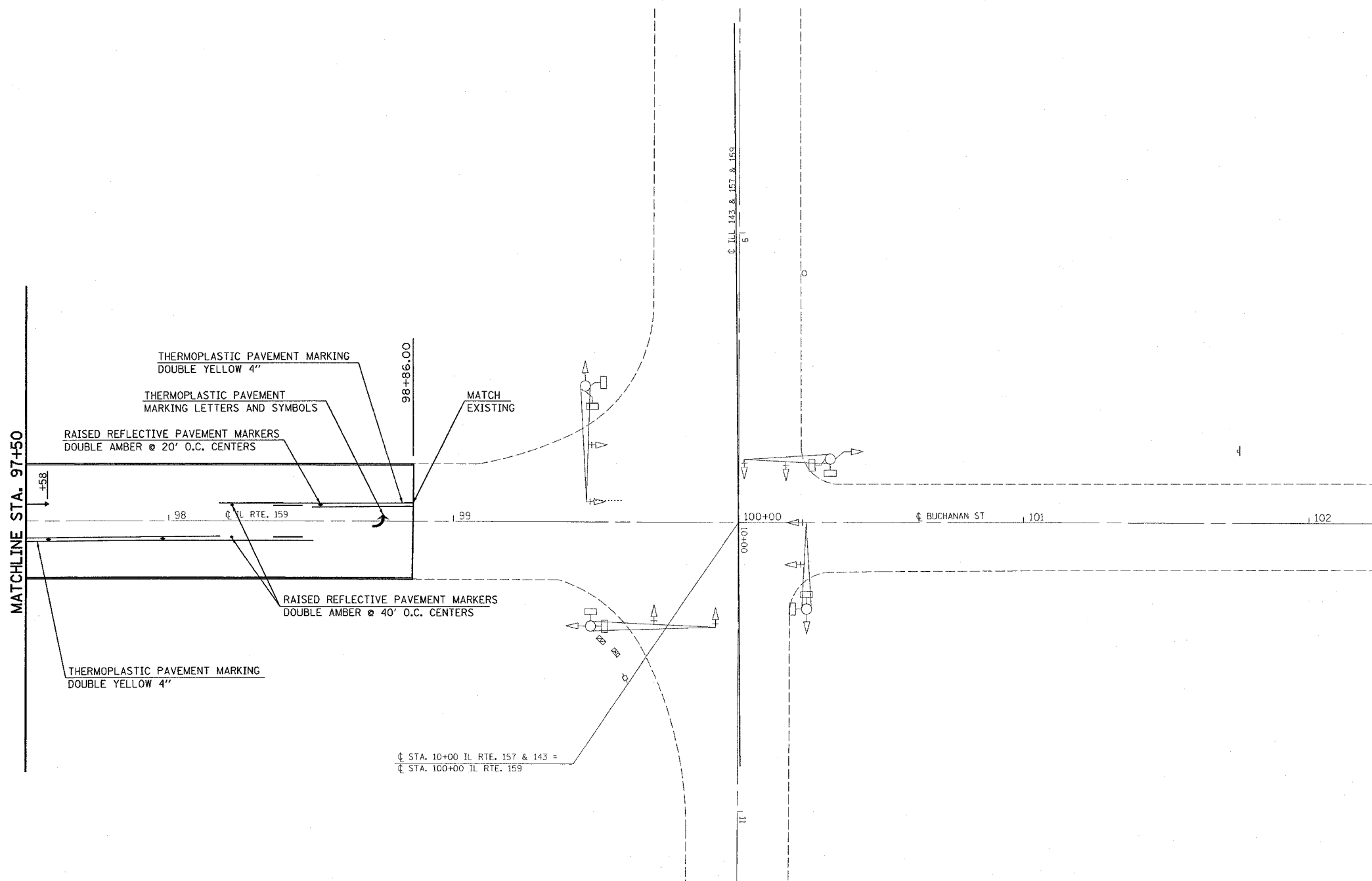
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING
 FAP ROUTE 600
 SECTION 34RS-2
 MADISON COUNTY

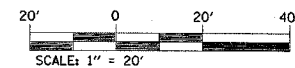


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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	ST. CLAIR	39	32
STA. 97+50.00		TO STA. 98+86.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



PLOT DATE = 5/15/2006
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EXISTING ROW

DATE

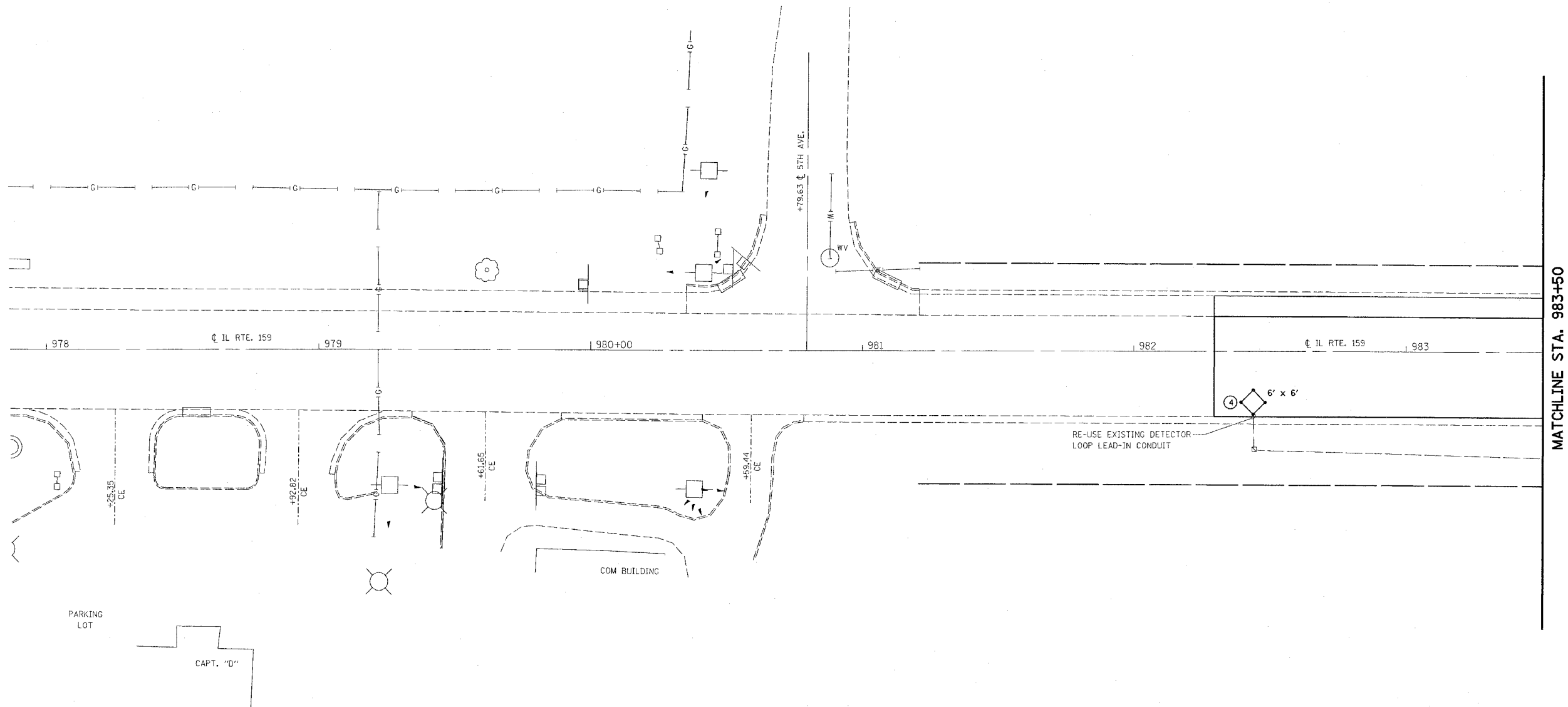
ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
 FAP ROUTE 600
 SECTION 34RS-2
 MADISON COUNTY

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	33
STA. _____ TO STA. _____		EXISTING CONDITIONS:		



PLAN	SERVICES	DATE
NO. _____	BY _____	_____
NOTE BOOK	PLOTTED	
NO. _____	REVISIONS	
	RE-USE EXISTING	
	LOOP LEAD-IN	
	CONDUIT	
	CADD FILE NAME	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETECTOR LOOP REPLACEMENT
 FAP ROUTE 600 (IL RTE. 159)
 SECTION 34RS-2
 MADISON COUNTY
 DRAWN BY: _____

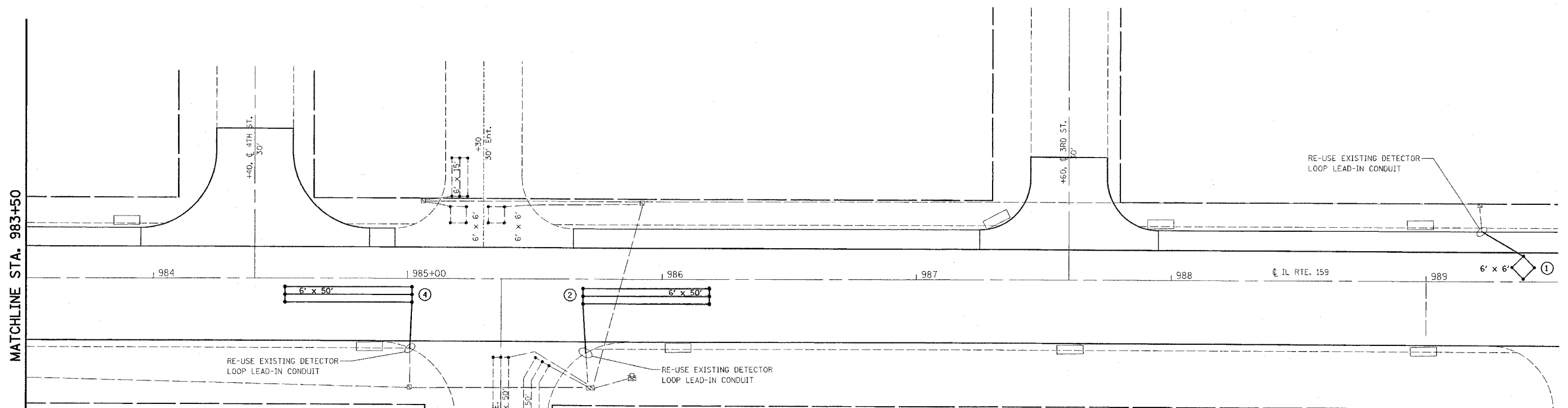
PLOT DATE: 5/15/2006

8/3/2006
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 REF: 0711a

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	34
STA. _____		TO STA. _____		
EXISTING CONDITIONS: _____				



PLAIN	DATE
SURVEYED	
NOTE BOOK	
NO. _____	
BY _____	
DATE _____	
REVISIONS	
NO. _____	
DATE _____	
BY _____	
DATE _____	

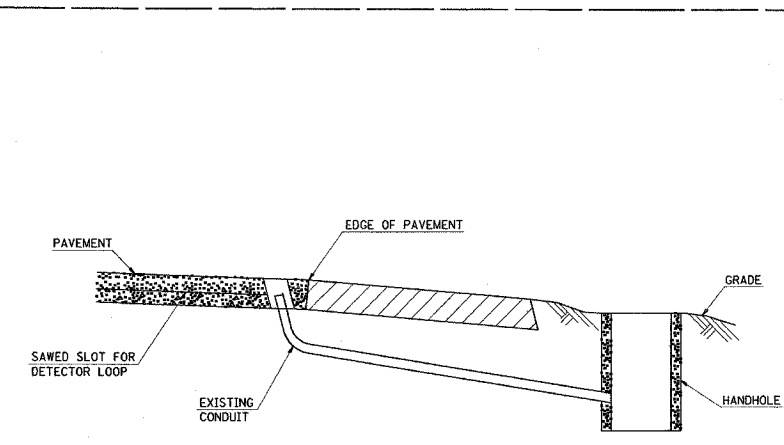


DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 159 AND MONTCLAIR AVENUE

LOOP	PHASE (Ø)	LOOP SIZE (FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (µH)	CALCULATED RESISTANCE OHMS (Ω)
1. SB CCO	2	6'x6'	6	359	2.7
2. SB LT	5	6'x50'	3-6-3	800	2.0
3. NB CCO	4	6'x6'	6	340	2.3
4. NB LT	3	6'x50'	3-6-3	816	2.3

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

THE QUANTITY OF DETECTOR LOOP REPLACEMENT AT THIS INTERSECTION IS 372 FEET. ONLY THE DETECTOR LOOPS WHICH ARE DAMAGED SHALL BE REPLACED; THEREFORE, THE ACTUAL QUANTITY MAY VARY.



DETAIL A (NO SCALE)

RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

- 1 DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- 2 REMOVE EXISTING CABLE TO HANDHOLE.
- 3 INSTALL LOOP LEAD-IN CONDUCTORS IN CONDUIT.
- 4 SPLICE NEW DETECTOR LOOP LEAD-IN CONDUCTORS TO EXISTING LEAD-IN CABLE IN HANDHOLE.
- 5 FILL HOLE WITH APPROVED SEALER, PREVENT SEALER FROM ENTERING INTO CONDUIT.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETECTOR LOOP REPLACEMENT

FAP ROUTE 600 (IL RTE. 159)
SECTION 34RS-2
MADISON COUNTY

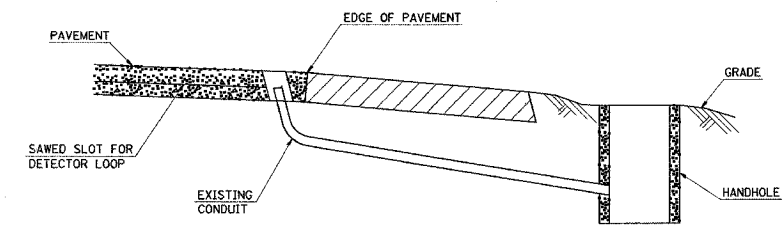
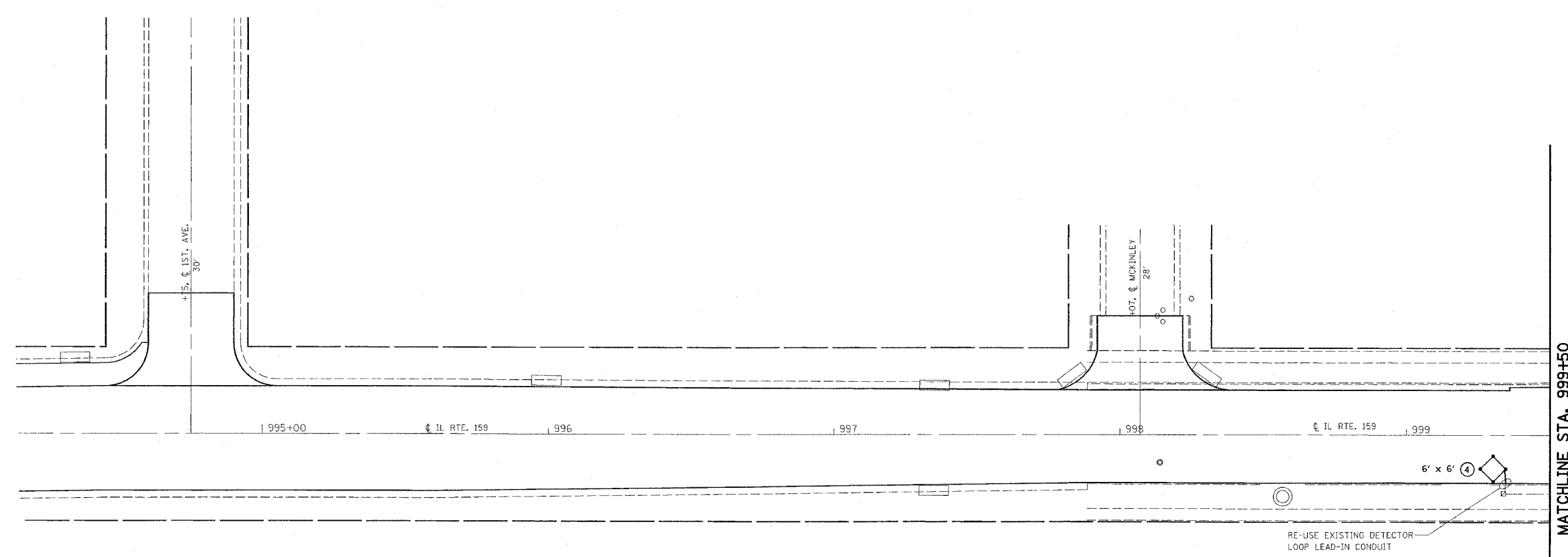
DRAWN BY:

PLOT DATE: 5/15/2006

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	35
STA. _____ TO STA. _____		EXISTING CONDITIONS: _____		



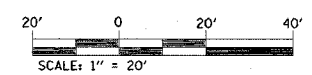
PLAN	SURVEYED	BY	DATE
	NOTE BOOK		
	RT. OF WAY CHECKED		
	NO. _____		
	JOB FILE NAME		



DETAIL A
(NO SCALE)
RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

- 1 DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- 2 REMOVE EXISTING CABLE TO HANDHOLE.
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- 5 FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"



REVISIONS	
NAME	DATE

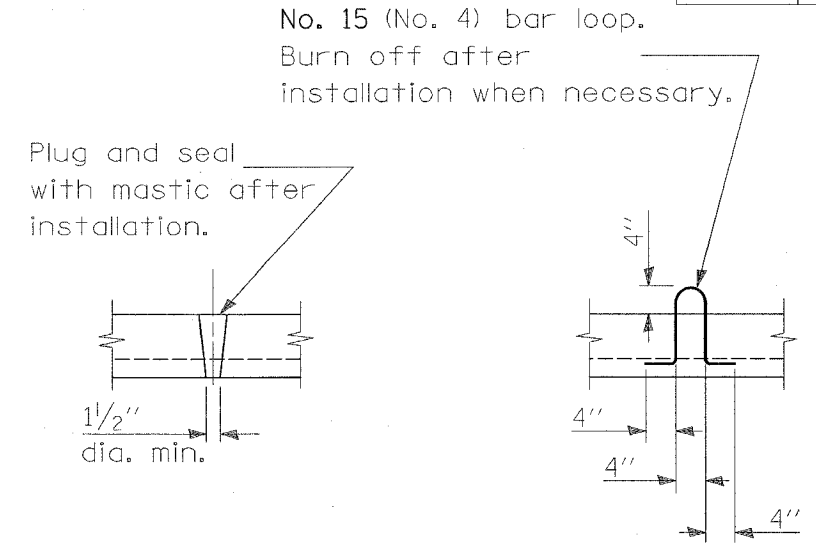
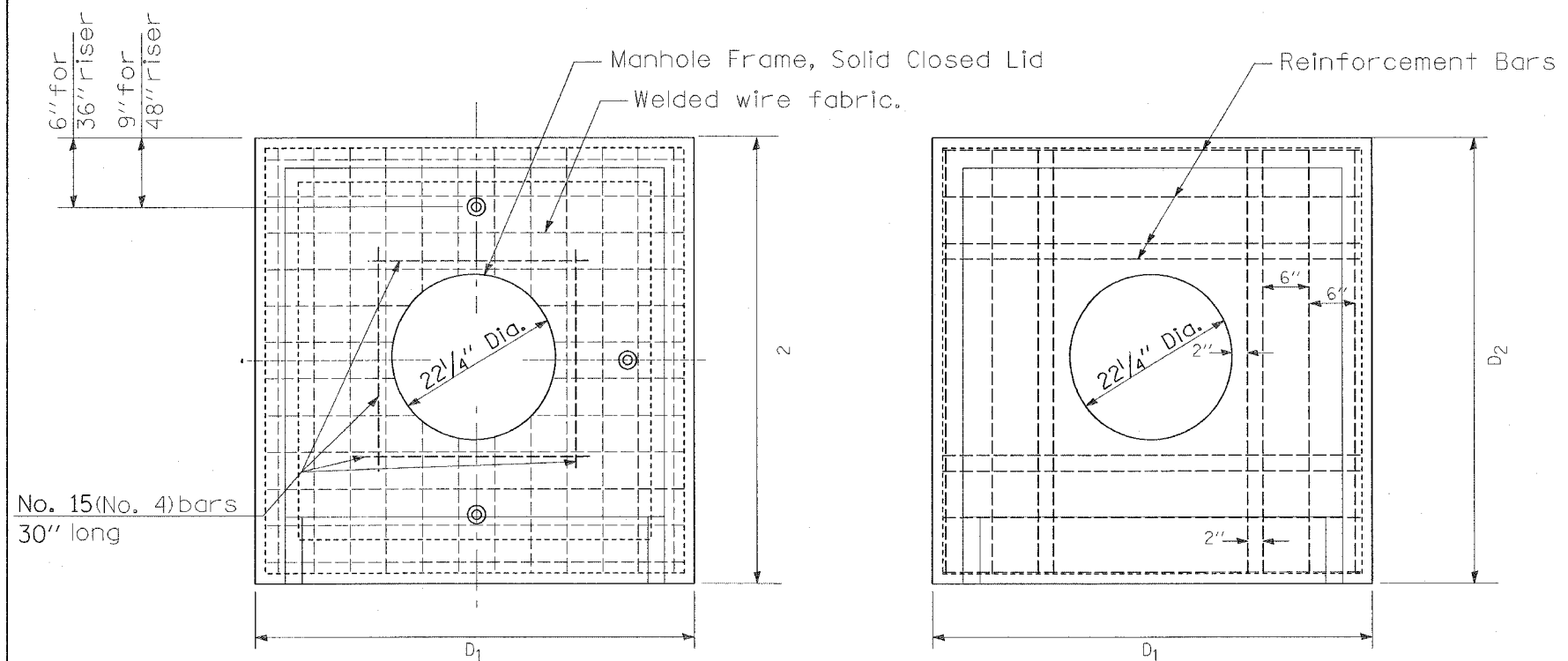
ILLINOIS DEPARTMENT OF TRANSPORTATION
DETECTOR LOOP REPLACEMENT

FAP ROUTE 600 (IL RTE. 159)
SECTION 34RS-2
MADISON COUNTY

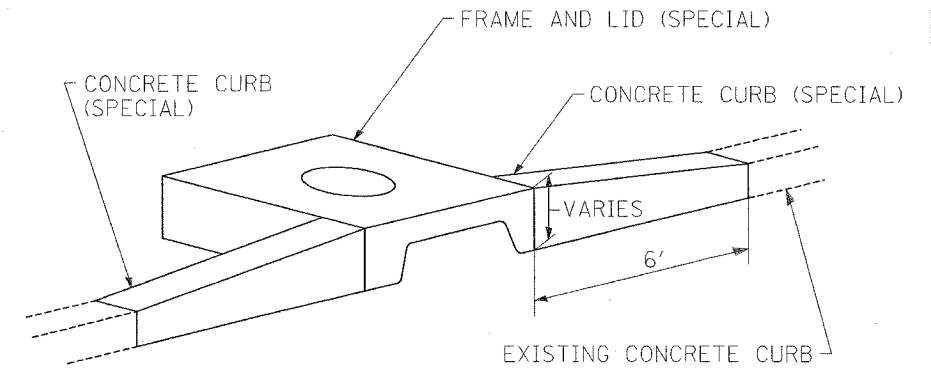
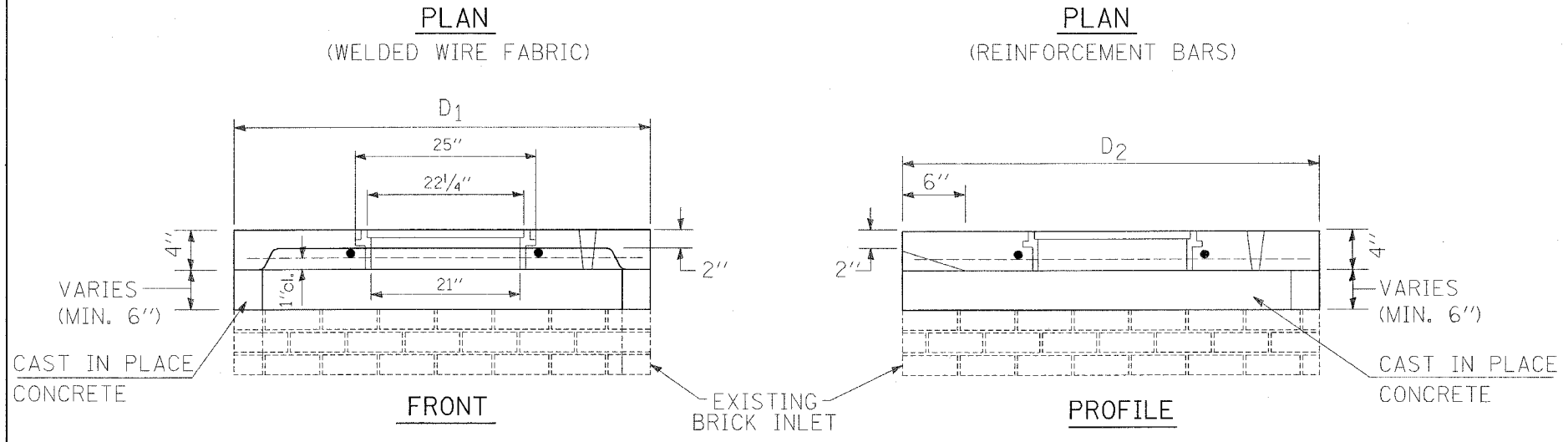
DRAWN BY: _____

PLOT DATE: 5/15/2006

5/15/2006
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 REF: 01111



LIFTING HOLE OR LIFTING LOOP
TYPICAL
 (3 required per slab)



CONCRETE CURB (SPECIAL)

LOCATION	D ₁	D ₂
1015+60	5'	5'
1021+65	5'	5'
1023+32	5'	5'
86+48	5'-3"	5'-4"

FRAME AND LID (SPECIAL)

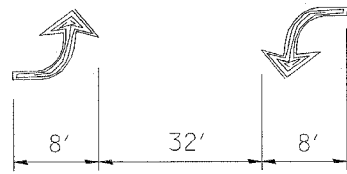


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE STRUCTURE
DETAILS
 FAP ROUTE 600
 SECTION 34RS-2
 MADISON COUNTY

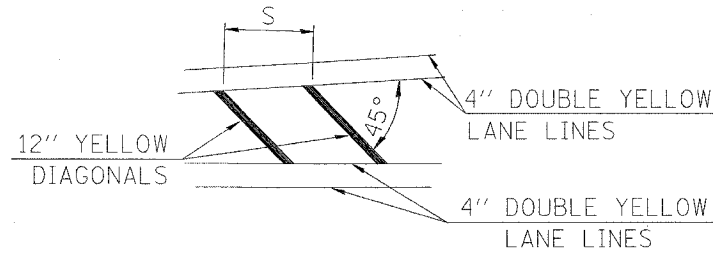
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 PLOT SCALE = 20,000 / IN.
 USER NAME = dmalmon

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	39
STA.		TO STA.		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

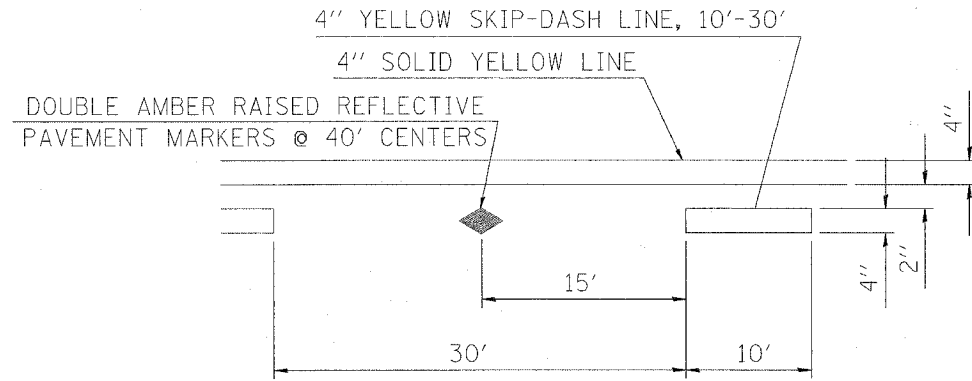


BI-DIRECTIONAL
TURN ARROW
@ 200' o.c.

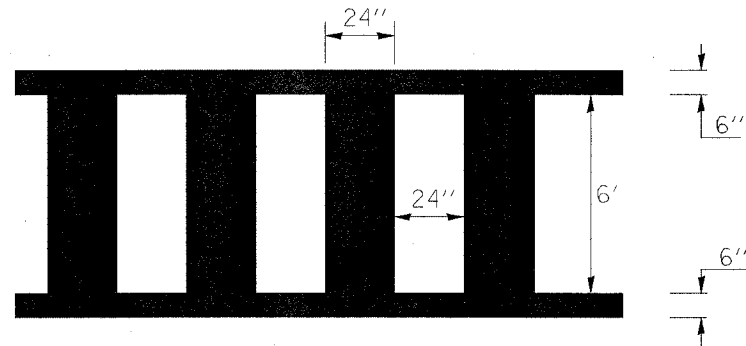
SPEED	CHANNELIZATION & GORES	OBJECTS	CONTINUOUS
< 30 MPH	15'	10'	50'
30-45 MPH	20'	15'	75'
< 45 MPH	30'	20'	150'



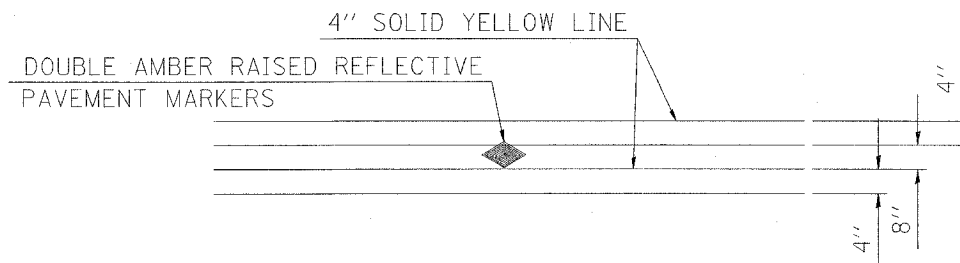
TYPICAL APPLICATION
FOR MEDIAN STRIPING



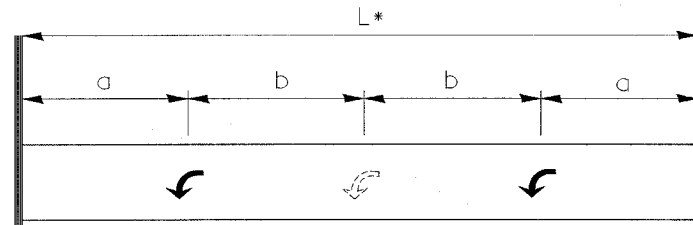
TYPICAL APPLICATION FOR
BI-DIRECTIONAL TURN LANE
WITH RAISED REFLECTIVE PAVEMENT MARKERS



TYPICAL APPLICATION FOR
PEDESTRIAN CROSSWALK



TYPICAL APPLICATION
FOR DOUBLE YELLOW LANE LINES
WITH RAISED REFLECTIVE PAVEMENT MARKERS



L	a	b
< 150	25'	-
≥ 150	50'	-
≥ 200	50'	≤ 50'

TYPICAL APPLICATION FOR
LEFT TURN LANE ARROWS

REVISIONS	
NAME	DATE
BEC	8/16/00

ILLINOIS DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKING
DETAIL**
FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

PLAN	DATE
BY	
CHECKED	
APPROVED	
NO.	