

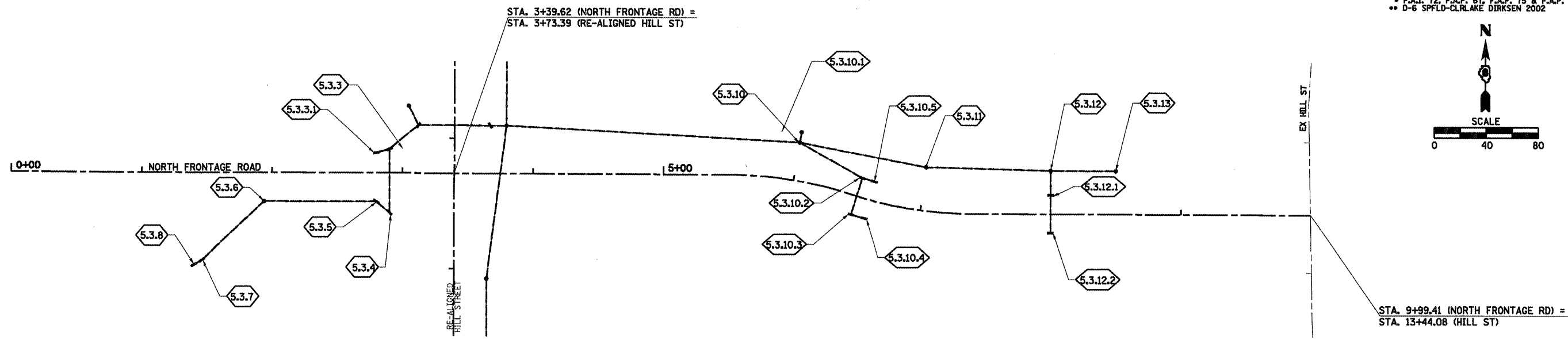




PLAN	SURVEYED	DATE
	PLOTTED	BY
	REVIEWED	
	NOTED	
	NO. OF MAN CHECKED	
	DATE	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	REVIEWED	
	NOTED	
	NO. OF MAN CHECKED	
	DATE	
	STRUCTURE NOTATION	
	NO.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON		103
STA. TO STA.				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				
* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668				
** D-6 SPFLD-CLRLAKE DIRKSEN 2002				



NOTE:  
STRUCTURE NUMBERS 21-29  
AND 45-49 NOT USED.

SHEET 4 OF 4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STORM SEWER KEY PLAN  
NORTH FRONTAGE RD**

DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
DATE \_\_\_\_\_

DRAINAGE STRUCTURE TABLE

NO.	STATION	OFFSET	MANHOLES												INLETS						RC PIPE TEE 15P 12R				
			MH TY A 4'	MH TY A 4'	MH TY A 4'	MH TY A 4'	MH TY A 5'	MH TY A 5'	MH TY A 5'	MH TY A 5'	MH TY A 6'	MH TY A 6'	TY 1 F&CLID TO BE ADJUSTED	TY 3 F&G TO BE ADJUSTED	ADJ MH	INLET TYPE A			INLET TYPE B			TY 3 F&G TO BE ADJUSTED			
			TY 1 F&CLID	TY 1 F&CLID	TY 3 F&G	TY 11 F&G	TY 1 F&CLID	TY 1 F&CLID	TY 3 F&G	TY 11 F&G	TY 1 F&CLID	TY 3 F&G				TY 11 F&G	TY 3 F&G	TY 8 G	TY 11 F&G	TY 1 F&CLID			TY 3 F&G	TY 11 F&G	
CLEAR LAKE AVE			EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
62	123+17.70	29.09' LT																						1	
40	123+23.18	34.83' LT																							
41	123+23.18	42.00' LT																							
63	123+68.13	27.50' LT																							
-	124+98.93	33.74' LT																							
-	125+05.07	38.34' LT																							
42	125+25	44.00' LT																							
43	125+25	34.00' LT																							
44	127+80.34	35.55' LT																							
11.5	130+67.50	56.19' LT																							
11.4	130+87.50	34.85' LT																							
11.3.1	131+35.00	64.91' LT																							
11.3	131+61.03	37.73' LT																							
39	131+82.83	75.69' RT																							
38	132+00.66	82.45' RT	1																						
37	132+23.93	58.88' RT																							
36	20+33.11	44.84' RT																							
35.1	20+65.00	88.91' RT																							
35	20+80.00	43.75' RT	1																						
10.1	21+00.00	68.75' LT																							
10	21+00.00	54.40' LT																							
34.1	21+35.00	47.74' RT																							
34	21+33.88	42.49' RT	1																						
30.13	21+50.00	4.92' LT																							
10.2	21+80.34	73.54' LT	1																						
30.12	22+00.00	10.37' RT																							
33.1	22+30.00	48.72' RT																							
33	22+35.13	40.13' RT																							
30.11	22+65.00	4.92' LT																							
9	22+80.00	54.30' LT																							
30.10	23+00.00	8.18' RT																							
8	23+35.00	54.27' LT																							
32.1.2	23+50.00	57.82' RT																							
8.2	23+53.01	84.77' LT																							
30.9	23+65.00	4.92' LT																							
30.8	24+12.36	0.96' RT																							
30.6.3	24+80.00	11.89' LT																							
30.6.2	25+00.00	1.02' LT																							
7.2	25+13.00	64.21' LT																							
30.7	25+27.52	16.51' RT																							
32.1	25+36.00	59.78' RT	1																						
32	25+36.50	53.29' RT																							
7.1	25+58.00	62.93' LT																							
7	25+58.00	53.22' LT																							
30.6.1	25+88.00	1.02' LT																							
30.6.1.1	25+90.00	9.84' LT																							
30.6	25+93.51	16.77' RT																							
30.6.4	25+94.00	20.98' RT																							
32.1.1	26+05.39	73.93' RT																							
30.5.1	26+71.74	10.65' LT																							
6	26+75.00	51.27' LT																							
5	26+84.38	64.84' LT																							
30.5	27+03.60	15.98' RT																							
4.1	27+85.00	56.45' LT																							
30.4	28+04.00	15.98' RT																							
30.4.2	28+11.97	20.98' RT																							
30.3	28+17.66	48.45' RT																							
30.4.1	28+45.09	16.73' LT																							
4	28+57.32	68.40' LT																							
3.4	29+40.00	54.56' LT																							
30.3.2	29+55.00	6.29' RT																							
3.3	29+50.00	53.94' LT																							
30.3.3	29+45.00	7.40' RT																							
30.3	29+60.00	21.00' RT																							
30.2	29+60.00	47.98' RT																							
30.3.1	29+70.00	20.98' RT																							
30.2.1	29+70.00	47.98' RT																							
3.1	30+30.71	69.25' LT																							
3.2	30+71.84	65.00' LT																							
	FAP 67 SUB-TOTAL		5	0	2	0	10	1	0	0	3	3	4	1	3	19	3	0	0	9	0	5	1		

c:\pwworking\WIDOT\LAUGH\INRL\0183446\StormSewerSchedule.dgn

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STORM SEWER SCHEDULE**

DRAWN BY MLO  
 CHECKED BY CWG

DATE 08/05





c:\pwworkspace\pwworkspace\1040204163\stormSewerSchedule.dgn  
 \*DATE\*

STORM SEWER TABLE														
STATION TO STATION	OFFSET	STORM SEWERS CLASS A												TRENCH BACKFILL
		12" TY 1	18" TY 1	24" TY 1	36" TY 1	48" TY 1	12" TY 2	18" TY 2	24" TY 2	30" TY 2	36" TY 2	42" TY 2	48" TY 2	
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	CU YD
CLEAR LAKE AVE														
123+23.18	LT	7												2
125+25.00 - 125+25.00	LT	10												
130+67.50 - 130+71.36	LT							6						2
131+35.00 - 131+61.03	LT	35												5
20+05.38 - 21+00.00	LT				116									72
20+36.65 - 21+00.00	LT	74												11
21+00.00	LT						14							5
21+00.00 - 21+80.34	LT	80												23
25+13.00 - 25+58.00	LT	45												6
25+58.00	LT	10												1
26+58.10 - 26+84.38	LT										46			61
26+84.38 - 28+57.32	LT											190		245
27+85.00 - 28+57.32	LT	73												10
28+57.32 - 29+95.00	LT											135		
29+40.00 - 29+50.00	LT	10												1
29+50.00 - 29+95.00	LT	43												
29+95.00 - 30+30.71	LT				32									
30+30.71 - 31+71.84	LT				42									
31+67.57 - 31+70.00	LT	24												
33+80.00	LT	16												
21+50.00 - 22+00.00	CL	52												7
22+00.00 - 22+65.00	CL	67												9
22+65.00 - 23+00.00	CL	37												5
23+00.00 - 23+65.00	CL	66												11
23+65.00 - 24+12.36	CL	47												10
24+80.00 - 25+00.00	CL	23												3
25+00.00 - 25+88.00	CL	88												17
25+88.00 - 25+90.00	CL	9												2
25+93.51 - 25+94.00	CL	4												1
26+71.74 - 27+03.60	CL	40												5
28+04.00 - 28+45.09	CL	52												7
29+45.00 - 29+55.00	CL	10												1
29+55.00 - 29+60.00	CL	16												3
29+60.00 - 29+70.00	CL	10												1
31+50.00	CL				15									
32+00.00	CL	8												
33+50.00	CL	8												
34+50.00	CL	8												
131+82.83 - 132+00.66	RT	19												4
20+65.00 - 20+80.00	RT	47												6
21+33.88 - 21+35.00	RT	5												1
22+30.00 - 22+35.13	RT	10												2
23+50.00 - 25+36.00	RT	186												28
25+36.00 - 25+36.50	RT							7						2
25+36.00 - 26+05.39	RT	71												14
29+60.00 - 29+70.00	RT	10												1
29+60.00 - 29+52.18	RT			35										
29+95.00	RT						15							
31+50.00	RT													
FAP 67 SUB-TOTAL		1320	35	106	116	15	27	0	0	0	0	46	325	584
RE-ALIGNED HILL ST														
0+80.00 - 0+90.00	LT	10												1
0+90.00 - 1+10.06	LT	25												6
0+90.00 - 1+02.76	LT&RT	53												7
0+95.00 - 1+05.00	RT	10												1
1+02.76 - 1+05.00	RT	8												1
1+02.76 - 2+92.89	RT											190		160
2+92.89 - 4+10.00	RT											118		163
4+10.00	LT&RT													
4+10.00	LT&RT							54						50
4+10.00 - 4+25.00	LT	15						12						27
4+10.00 - 7+50.00	RT											332		4
7+50.00 - 8+25.00	RT	71												13
8+25.00	LR&RT	30												7
7+50.00 - 9+00.00	RT											136		
9+00.00 - 9+25.00	RT	25												9
9+00.00	LT&RT											58		83
9+00.00 - 9+75.00	LT											82		
9+25.00	LT&RT	30												7
9+75.00 - 10+50.00	LT											82		
10+35.00 - 10+50.00	RT	15												3
10+35.00 - 10+50.00	LT						15							4
10+50.00	LT	20												3
10+50.00	LT&RT	30												8
10+50.00 - 11+50.00	LT										110			
11+50.00 - 11+75.00	LT	33												5
11+75.00	LT&RT	30												7
FAP 67 SUB-TOTAL		405	0	0	0	0	15	0	176	0	690	308	0	569

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
** D-6 SPFLD-CLRLAKE DIRKSEN 2002		SANGAMON	363	107
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 7208B				

TRENCH BACKFILL

STATION TO	STATION	OFFSET	CU YD
21+00.00	22+80.00	LT	58
22+80.00	23+35.00	LT	23
23+35.00	25+58.00	LT	165
25+58.00	26+75.00	LT	124
26+75.00	26+84.38	LT	21
0+42.00	0+42.00	LT&RT	15
TOTAL			406

QUANTITIES GIVEN FOR PIPE CULVERTS  
 SEE SHEET 108 FOR STORM SEWER TRENCH BACKFILL TOTALS

\* IF REQUIRED DUE TO FINAL VERTICAL CLEARANCE A QUANTITY FOR "STORM SEWER (WATERMAIN REQUIREMENT)" HAS BEEN INCLUDED FOR THIS STORM SEWER.

SHEET 4 OF 5

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		STORM SEWER SCHEDULE

DRAWN BY MLO  
 CHECKED BY CWG  
 DATE 08/05

F.A.I. 72, F.A.P. 6T, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	SANGAMON	363	108
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
		CONTRACT NO. 72088	

STORM SEWER TABLE														
STATION TO STATION	OFFSET	STORM SEWERS CLASS A												TRENCH BACKFILL CU YD
		12"	18"	24"	36"	48"	12"	18"	24"	30"	36"	42"	48"	
		TY 1	TY 1	TY 1	TY 1	TY 1	TY 2	TY 2	TY 2	TY 2	TY 2	TY 2	TY 2	
		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
RE-ALIGNED HILL ST (CONT'D)														
11+50.00 - 12+25.00	LT								75					
12+25.00 - 13+00.00	LT							66						
13+00.00	LT	20												4
13+00.00	LT&RT	30												7
13+00.00 - 14+00.00	LT							88						
14+00.00 - 15+00.00	LT							90						
15+00.00 - 16+00.00	LT							90						
16+00.00 - 17+00.00	LT							94						35
17+00.00	LT&RT							30						15
17+00.00 - 17+50.00	LT							50						19
17+50.00 - 17+84.00	LT	34												5
17+00.00 - 17+84.00	RT	84												20
FAP 67 SUB-TOTAL		168	0	0	0	0	174	334	75	0	0	0	0	105
NORTH FRONTAGE RD														
1+40.00 - 1+47.00	RT	10												1
1+47.00 - 1+94.00	RT	65												11
1+94.00 - 2+80.00	RT	86												
2+80.00 - 2+90.00	RT							12						3
2+90.00	LT&RT							48						14
2+80.00 - 2+90.00	LT							10						3
2+90.00 - 3+12.08	LT							28						18
3+79.62 - 6+00.00	LT								110					
6+00.00	LT	8												
6+00.00 - 6+50.00	LT							54						16
6+00.00 - 7+00.00	LT								98					
6+50.00	LT&RT							30						8
6+50.00 - 6+60.00	LT							10						3
6+50.00 - 6+60.00	RT	10												2
7+00.00 - 8+00.00	LT			95										
8+00.00	LT	18												3
8+00.00	LT&RT	30												7
8+00.00 - 8+50.00	LT		50											
FAP 67 SUB-TOTAL		227	50	95	0	0	192	0	208	0	0	0	0	89
SOUTH FRONTAGE RD														
10+48.19 - 12+00.00	LT	147												
11+57.46 - 12+05.08	RT							50						14
12+00.00	LT&RT	26												3
12+00.00	LT	44												
12+97.79 - 13+34.67	LT			37										
13+37.36 - 13+40.00	LT		17											
13+30.00 - 13+40.00	LT		10											1
13+40.00	LT&RT							26						9
13+30.00 - 13+40.00	RT		10											1
12+05.08 - 12+52.61	RT		50											14
12+52.61 - 13+08.58	RT		50											15
13+08.58 - 13+58.58	RT		50											17
13+40.00 - 13+58.58	RT							29						
13+41.34 - 13+61.98	LT					32								14
FAP 67 SUB-TOTAL		217	187	37	0	32	50	55	0	0	0	0	0	88
DIRKSEN PARKWAY														
164+79.50 - 164+73.70	LT	9												1
166+61.87 - 166+64.06	LT	12												2
167+83.59	LT	9												2
169+25.84 - 169+26.08	LT	5												
170+61.55 - 170+61.86	LT	5												
164+89.00 - 165+76.36	RT									88				63
165+76.36	RT	8												1
165+76.36 - 166+09.94	RT	35												6
165+76.36 - 166+70.46	RT								94					71
166+70.46	RT	6												1
166+70.46 - 167+70.00	RT								100					86
167+70.00	RT	15												2
168+95.00 - 168+98.97	RT	4												1
FAP 668 SUB-TOTAL		108	0	0	0	0	0	0	0	194	88	0	0	236
FAP 67 TOTAL		2337	272	238	116	47	458	389	459	0	690	354	325	1435
FAP 668 TOTAL		108	0	0	0	0	0	0	0	194	88	0	0	236
GRAND TOTAL		2445	272	238	116	47	458	389	459	194	778	354	325	1671

SEE SHEET 107  
 FOR TRENCH BACKFILL  
 TOTALS AT PIPE CULVERTS

SHEET 5 OF 5

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM SEWER SCHEDULE

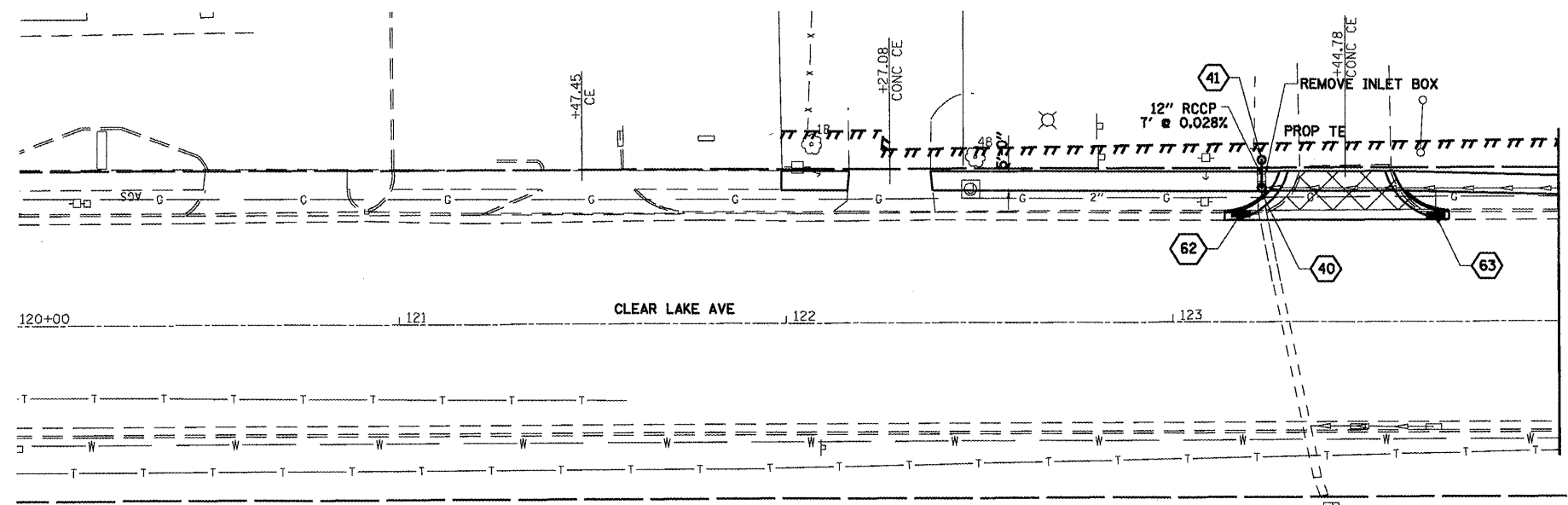
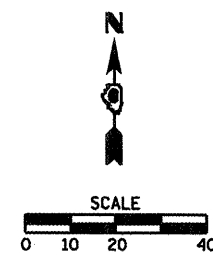
DRAWN BY MLO  
 CHECKED BY CWG

DATE 08/05

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 \*DATE\*

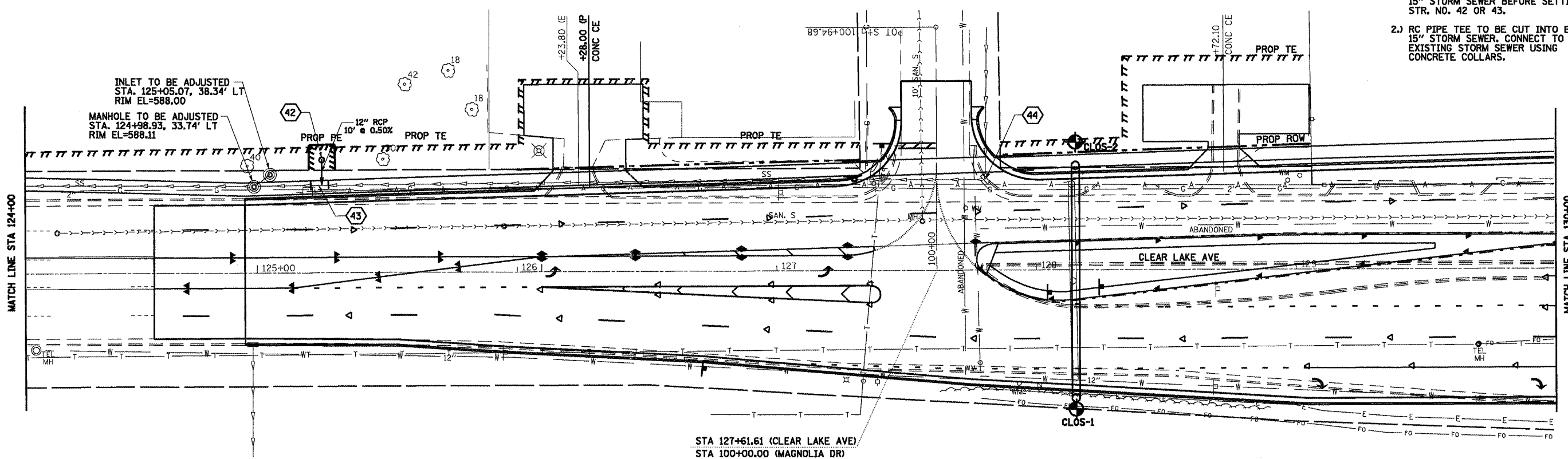


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	..	SANGAMON	363	109
STA. 124+95.41		TO STA. 130+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				
* F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668				
** D-6 SPFLD-CLRLAKE DIRKSEN 2002				



- 62 STA. 123+17.70, 28.09' LT  
ADJ INLET  
TY 3, F&G  
EOP EL=586.94
- 63 STA. 123+68.13, 27.50' LT  
ADJ INLET  
TY 3, F&G  
EOP EL=586.55
- 40 STA. 123+23.18, 34.83' LT  
PR MH, TY A, 5'  
TY 1, F&CLID  
RIM EL=587.05  
INV EL=583.19 (S)  
INV EL=583.30 (N)
- 41 STA. 123+23.18, 42.00' LT  
PR INLET, TYPE A  
TY 8 GRATE  
RIM EL=586.40  
INV EL=583.50 (S)  
INV EL=585.10 (N)  
INV EL=585.15 (W)
- 44 STA. 127+80.34, 35.55' LT  
ADJ MH  
TY 1, F&CLID  
RIM EL=590.29
- 42 STA. 125+25, 44.00' LT  
PR INLET, TYPE A  
TY 8 GRATE  
RIM EL=586.60  
INV EL=585.10  
(SEE NOTE 1)
- 43 STA. 125+25, 34' LT  
RC PIPE TEE 15P 12R  
INV EL=585.10  
(SEE NOTE 1 & 2)

- NOTES:**
- 1.) FIELD VERIFY ELEVATION OF EXISTING 15" STORM SEWER BEFORE SETTING STR. NO. 42 OR 43.
  - 2.) RC PIPE TEE TO BE CUT INTO EXISTING 15" STORM SEWER. CONNECT TO EXISTING STORM SEWER USING CONCRETE COLLARS.

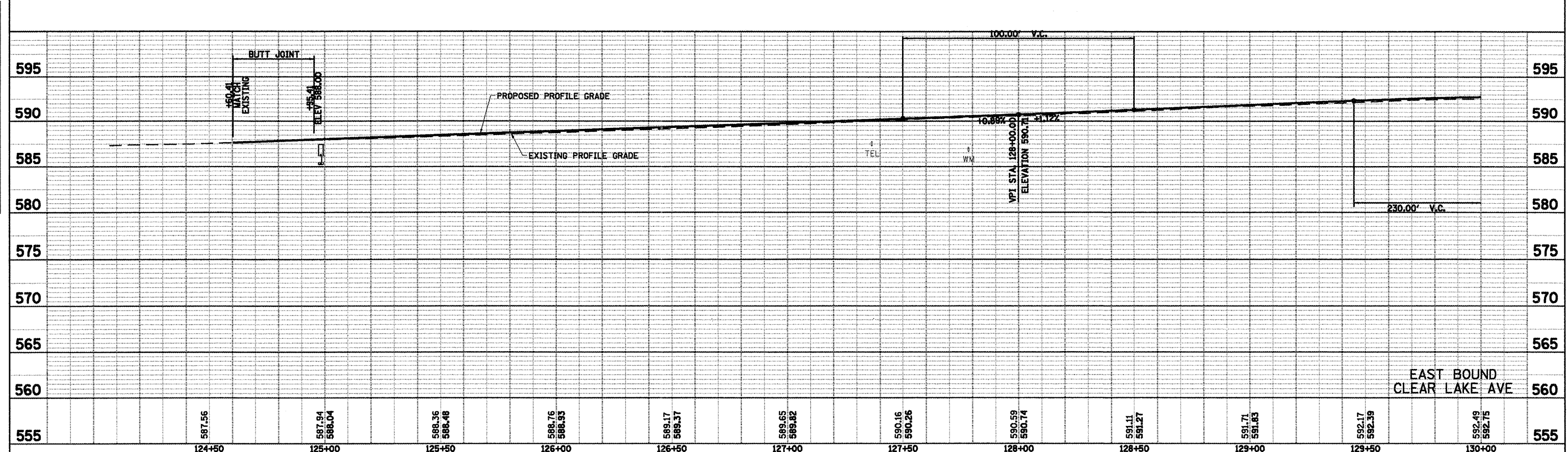
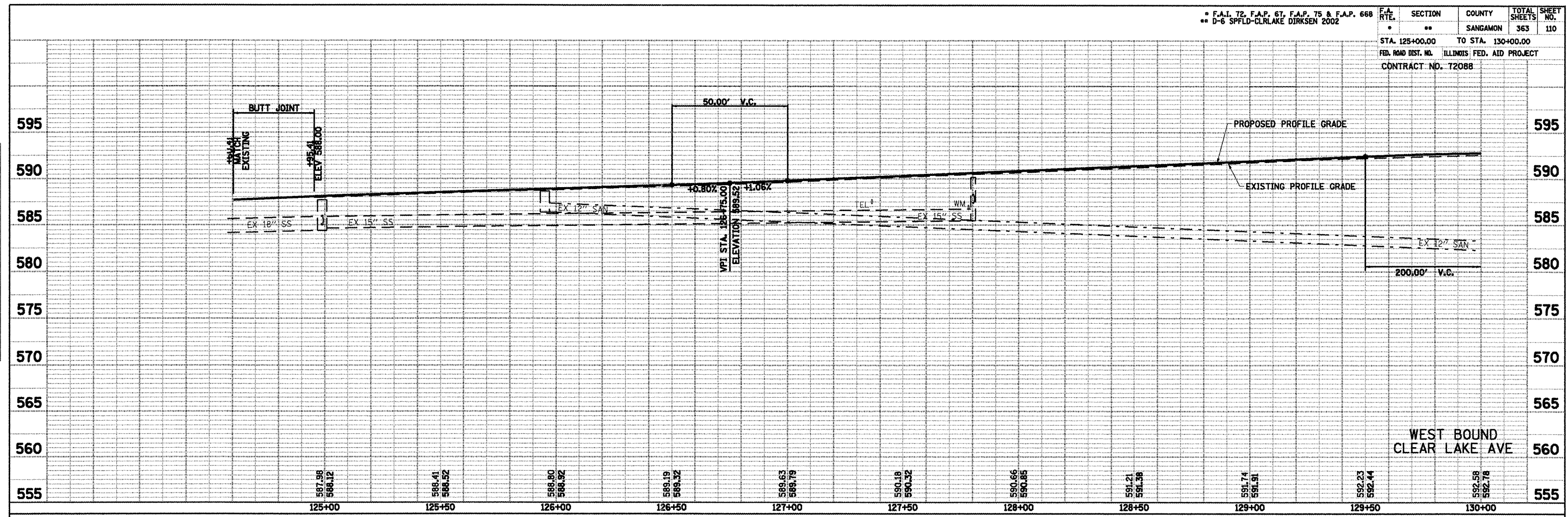


**LEGEND**

BORING LOCATION  
SEE SHEET 215A - 215D

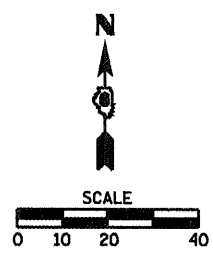
PLAN SURVEYED BY DATE  
 PLOTTED BY  
 NOTE BOOK NO. OF MAY CHECKED  
 NO. STRUCTURE NOTATIONS C/P/D

PROFILE SURVEYED BY DATE  
 PLOTTED BY  
 NOTE BOOK NO. OF MAY CHECKED  
 NO. STRUCTURE NOTATIONS C/P/D



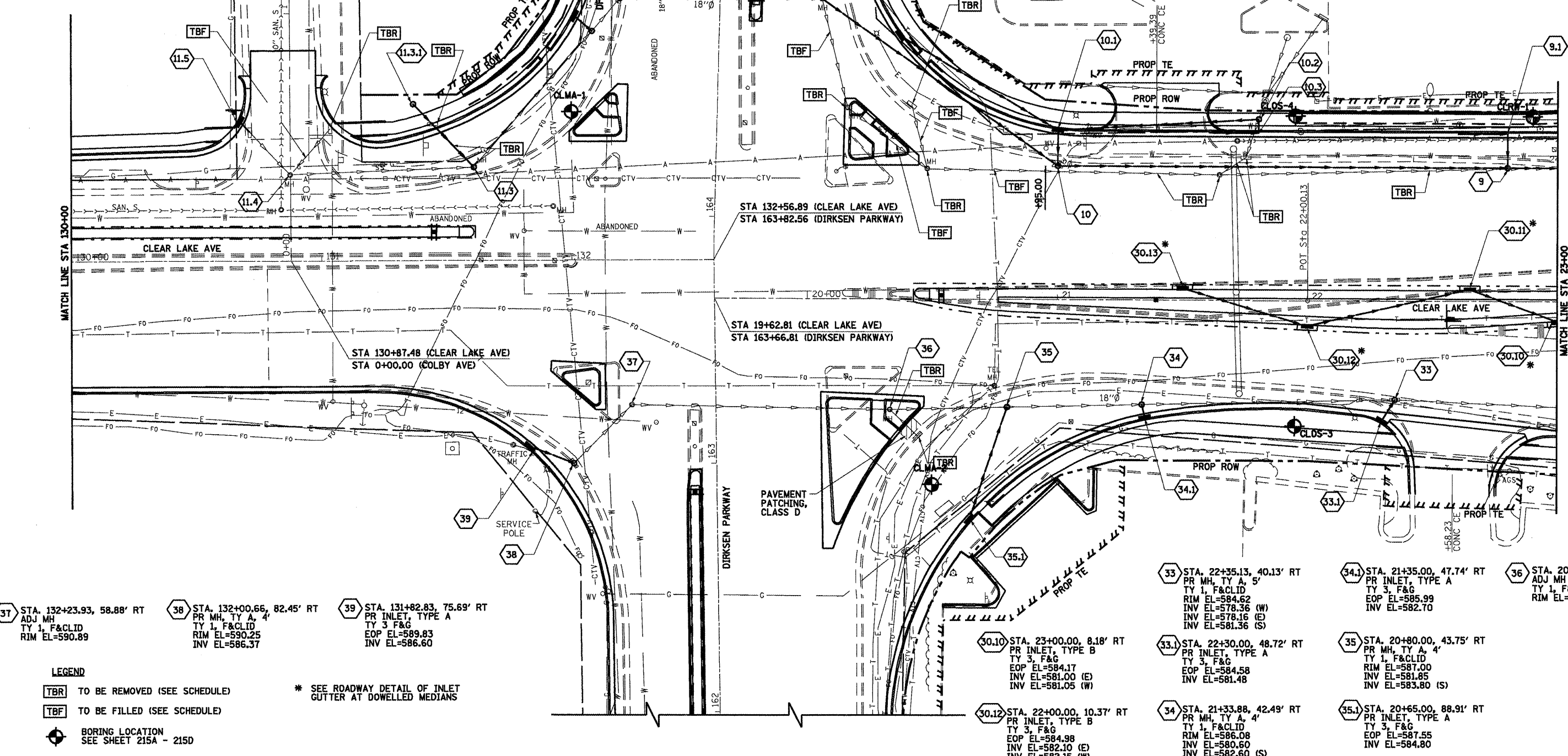
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	111
STA. 130+00.00 TO STA. 23+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CONTRACT NO. 72088  
 \* F.A.J. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002



- 11.3 STA. 131+61.03, 37.73' LT  
PR MH, TY A, 5'  
TY 1, F&CLID  
RIM EL=591.00  
INV EL=587.77 (NW)  
INV EL=586.18 (W)  
INV EL=586.27 (E)
- 11.3.1 STA. 131+35.00, 64.91' LT  
PR INLET, TYPE A  
TY 3 GRATE  
RIM EL=590.25  
INV EL=587.95
- 11.4 STA. 130+87.50, 34.85' LT  
ADJ MH  
TY 1, F&CLID  
RIM EL=592.15
- 11.5 STA. 130+67.50, 56.19' LT  
PR INLET, TYPE A  
TY 3 F&G  
EOP EL=592.20  
INV EL=587.90

- 9 STA. 22+80.00, 54.30' LT  
PR MH, TY A, 5'  
TY 1, F&CLID  
RIM EL=584.18  
INV EL=579.03 (E)  
INV EL=579.13 (W)  
INV EL=581.90 (N)
- 10.1 STA. 21+00.00, 68.75' LT  
PR INLET, TYPE B  
TY 3, F&G  
EOP EL=586.27  
INV EL=581.60 (EKS)  
INV EL=583.50 (NW)
- 10.2 STA. 21+80.34, 73.54' LT  
PR MH, TY A, 4'  
TY 1, F&CLID  
RIM EL=585.35  
INV EL=582.40 (W)  
INV EL=582.89 (NKS)
- 10.3 STA. 21+80.34  
SLOTTED VANE DRAIN  
SEE DETAIL SHEET 217
- 30.11 STA. 22+65.00, 4.92' LT  
PR INLET, TYPE B  
TY 3, F&G  
EOP EL=584.25  
INV EL=581.40 (E)  
INV EL=581.45 (W)
- 30.13 STA. 21+50.00, 4.92' LT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=585.49  
INV EL=583.15

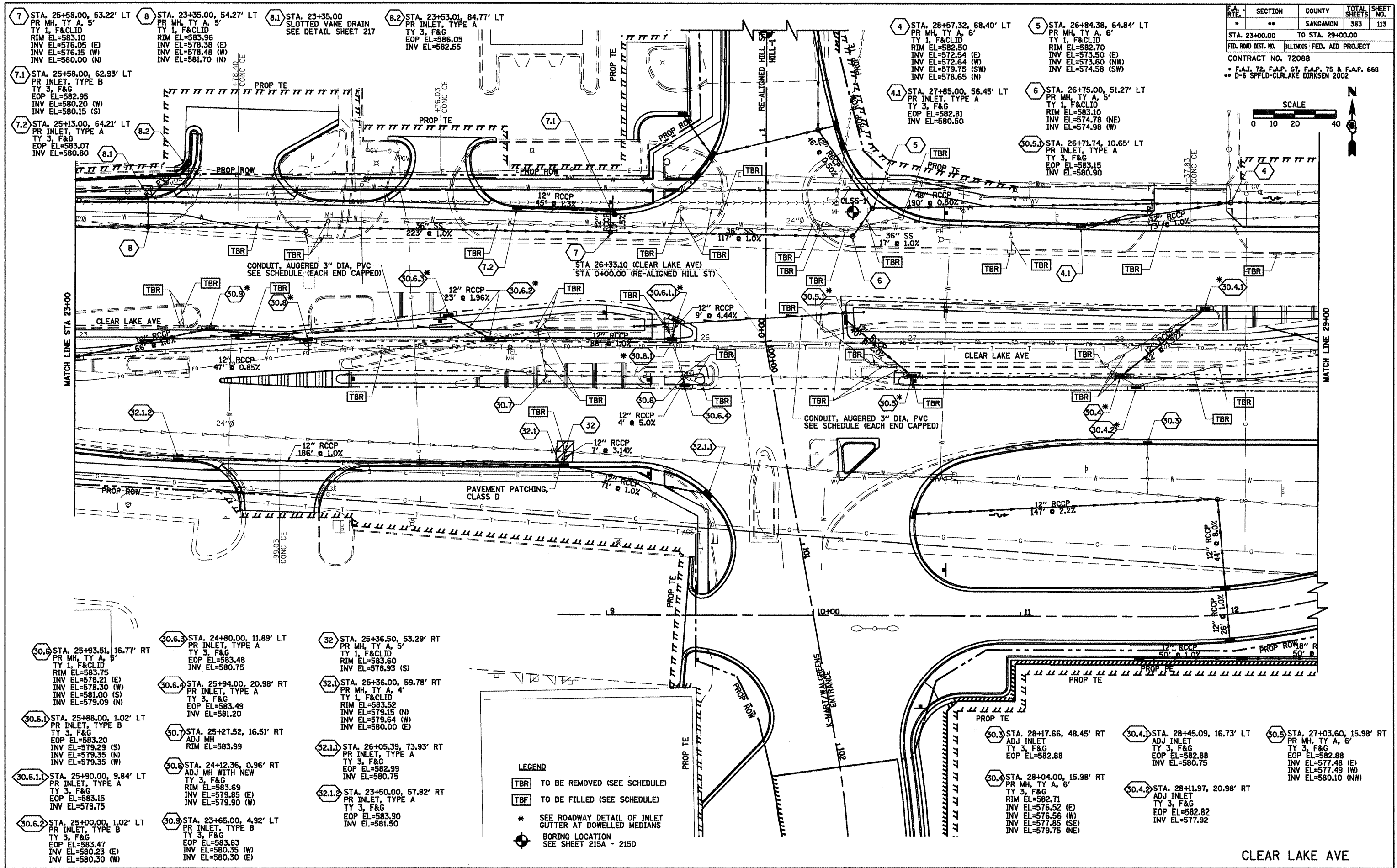


- 37 STA. 132+23.93, 58.88' RT  
ADJ MH  
TY 1, F&CLID  
RIM EL=590.89
- 38 STA. 132+00.66, 82.45' RT  
PR MH, TY A, 4'  
TY 1, F&CLID  
RIM EL=590.25  
INV EL=586.37
- 39 STA. 131+82.83, 75.69' RT  
PR INLET, TYPE A  
TY 3 F&G  
EOP EL=589.83  
INV EL=586.60

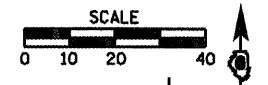
- 33 STA. 22+35.13, 40.13' RT  
PR MH, TY A, 5'  
TY 1, F&CLID  
RIM EL=584.62  
INV EL=578.36 (W)  
INV EL=578.16 (E)  
INV EL=581.56 (S)
- 34 STA. 21+33.88, 42.49' RT  
PR MH, TY A, 4'  
TY 1, F&CLID  
RIM EL=586.08  
INV EL=580.60  
INV EL=582.60 (S)
- 35 STA. 20+80.00, 43.75' RT  
PR MH, TY A, 4'  
TY 1, F&CLID  
RIM EL=587.00  
INV EL=581.85  
INV EL=583.80 (S)
- 35.1 STA. 20+65.00, 88.91' RT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=587.55  
INV EL=584.80
- 36 STA. 20+33.11, 44.84' RT  
ADJ MH  
TY 1, F&CLID  
RIM EL=589.07
- 34.1 STA. 21+35.00, 47.74' RT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=585.99  
INV EL=582.70
- 33.1 STA. 22+30.00, 48.72' RT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=584.58  
INV EL=581.48
- 30.10 STA. 23+00.00, 8.18' RT  
PR INLET, TYPE B  
TY 3, F&G  
EOP EL=584.17  
INV EL=581.00 (E)  
INV EL=581.05 (W)
- 30.12 STA. 22+00.00, 10.37' RT  
PR INLET, TYPE B  
TY 3, F&G  
EOP EL=584.98  
INV EL=582.10 (E)  
INV EL=582.15 (W)

**LEGEND**  
 TBR TO BE REMOVED (SEE SCHEDULE)  
 TBF TO BE FILLED (SEE SCHEDULE)  
 BORING LOCATION  
 SEE SHEET 215A - 215D  
 \* SEE ROADWAY DETAIL OF INLET  
 GUTTER AT DOWELLED MEDIANS





F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	SANGAMON	363	113
STA. 23+00.00 TO STA. 29+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72088				
* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668				
** D-6 SPFLD-CLRLAKE DIRKSEN 2002				



<p>7.1 STA. 25+58.00, 62.93' LT PR INLET, TYPE B TY 3, F&amp;G EOP EL=582.95 INV EL=580.20 (W) INV EL=580.15 (S)</p> <p>7.2 STA. 25+13.00, 64.21' LT PR INLET, TYPE A TY 3, F&amp;G EOP EL=583.07 INV EL=580.80</p>	<p>8.1 STA. 23+35.00, 54.27' LT PR MH, TY A, 5' TY 1, F&amp;CLID RIM EL=583.10 INV EL=576.05 (E) INV EL=576.15 (W) INV EL=580.00 (N)</p> <p>8.2 STA. 23+35.00, 84.77' LT PR INLET, TYPE A TY 3, F&amp;G EOP EL=586.05 INV EL=582.55</p>	<p>4 STA. 28+57.32, 68.40' LT PR MH, TY A, 6' TY 1, F&amp;CLID RIM EL=582.50 INV EL=572.54 (E) INV EL=572.64 (W) INV EL=579.75 (SW) INV EL=578.65 (N)</p> <p>4.1 STA. 27+85.00, 56.45' LT PR INLET, TYPE A TY 3, F&amp;G EOP EL=582.81 INV EL=580.50</p>	<p>5 STA. 26+84.38, 64.84' LT PR MH, TY A, 6' TY 1, F&amp;CLID RIM EL=582.70 INV EL=573.50 (E) INV EL=573.50 (NW) INV EL=574.58 (SW)</p> <p>5.1 STA. 26+71.74, 10.65' LT PR INLET, TYPE A TY 3, F&amp;G EOP EL=583.15 INV EL=580.90</p>		
<p>30.6 STA. 25+93.51, 16.77' RT PR MH, TY A, 5' TY 1, F&amp;CLID RIM EL=583.75 INV EL=578.21 (E) INV EL=578.30 (W) INV EL=581.00 (S) INV EL=579.09 (N)</p> <p>30.6.1 STA. 25+88.00, 1.02' LT PR INLET, TYPE B TY 3, F&amp;G EOP EL=583.20 INV EL=579.29 (S) INV EL=579.35 (N) INV EL=579.35 (W)</p> <p>30.6.1.1 STA. 25+90.00, 9.84' LT PR INLET, TYPE A TY 3, F&amp;G EOP EL=583.15 INV EL=579.75</p> <p>30.6.2 STA. 25+00.00, 1.02' LT PR INLET, TYPE B TY 3, F&amp;G EOP EL=583.47 INV EL=580.23 (E) INV EL=580.30 (W)</p>	<p>30.6.3 STA. 24+80.00, 11.89' LT PR INLET, TYPE A TY 3, F&amp;G EOP EL=583.48 INV EL=580.75</p> <p>30.6.4 STA. 25+94.00, 20.98' RT PR INLET, TYPE A TY 3, F&amp;G EOP EL=583.49 INV EL=581.20</p> <p>30.7 STA. 25+27.52, 16.51' RT ADJ MH RIM EL=583.99</p> <p>30.8 STA. 24+12.36, 0.96' RT ADJ MH WITH NEW TY 3, F&amp;G RIM EL=583.69 INV EL=579.85 (E) INV EL=579.90 (W)</p> <p>30.9 STA. 23+65.00, 4.92' LT PR INLET, TYPE B TY 3, F&amp;G EOP EL=583.83 INV EL=580.35 (W) INV EL=580.30 (E)</p>	<p>32 STA. 25+36.50, 53.29' RT PR MH, TY A, 5' TY 1, F&amp;CLID RIM EL=583.60 INV EL=578.93 (S)</p> <p>32.1 STA. 25+36.00, 59.78' RT PR MH, TY A, 4' TY 1, F&amp;CLID RIM EL=583.52 INV EL=579.15 (N) INV EL=579.64 (W) INV EL=580.00 (E)</p> <p>32.1.1 STA. 26+05.39, 73.93' RT PR INLET, TYPE A TY 3, F&amp;G EOP EL=582.99 INV EL=580.75</p> <p>32.1.2 STA. 23+50.00, 57.82' RT PR INLET, TYPE A TY 3, F&amp;G EOP EL=583.90 INV EL=581.50</p>	<p>30.3 STA. 28+17.66, 48.45' RT ADJ INLET TY 3, F&amp;G EOP EL=582.88</p> <p>30.4 STA. 28+04.00, 15.98' RT PR MH, TY A, 6' TY 3, F&amp;G RIM EL=582.71 INV EL=576.52 (E) INV EL=576.56 (W) INV EL=577.85 (SE) INV EL=579.75 (NE)</p>	<p>30.4.1 STA. 28+45.09, 16.73' LT ADJ INLET TY 3, F&amp;G EOP EL=582.88 INV EL=580.75</p> <p>30.4.2 STA. 28+11.97, 20.98' RT ADJ INLET TY 3, F&amp;G EOP EL=582.82 INV EL=577.92</p>	<p>30.5 STA. 27+03.60, 15.98' RT PR MH, TY A, 6' TY 3, F&amp;G EOP EL=582.88 INV EL=577.48 (E) INV EL=577.49 (W) INV EL=580.10 (NW)</p>

**LEGEND**

**TBR** TO BE REMOVED (SEE SCHEDULE)

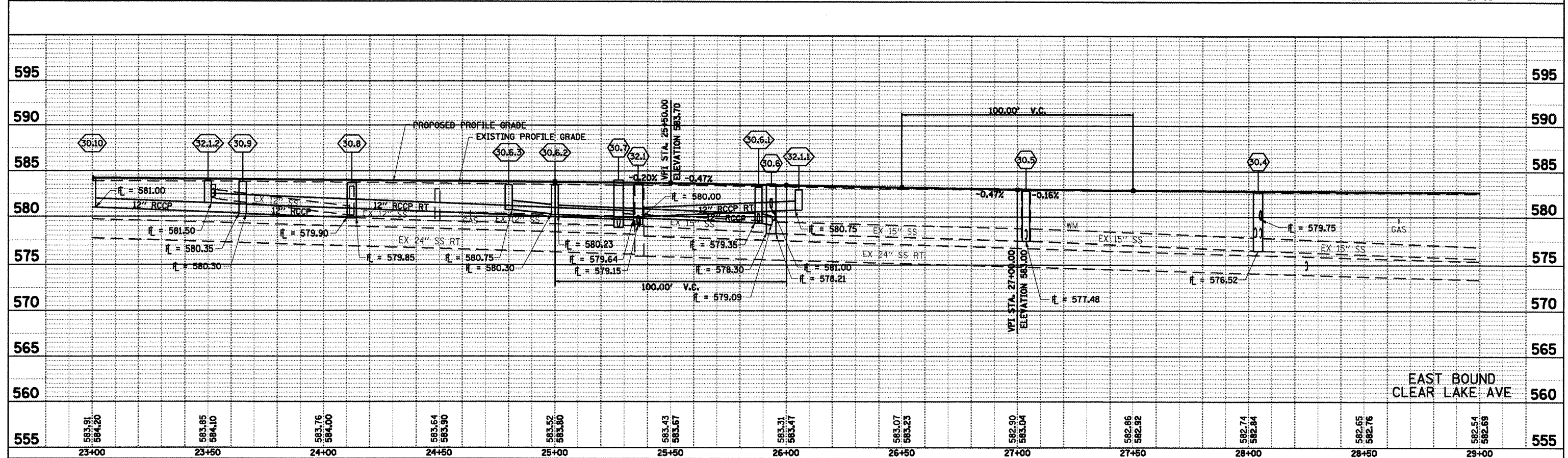
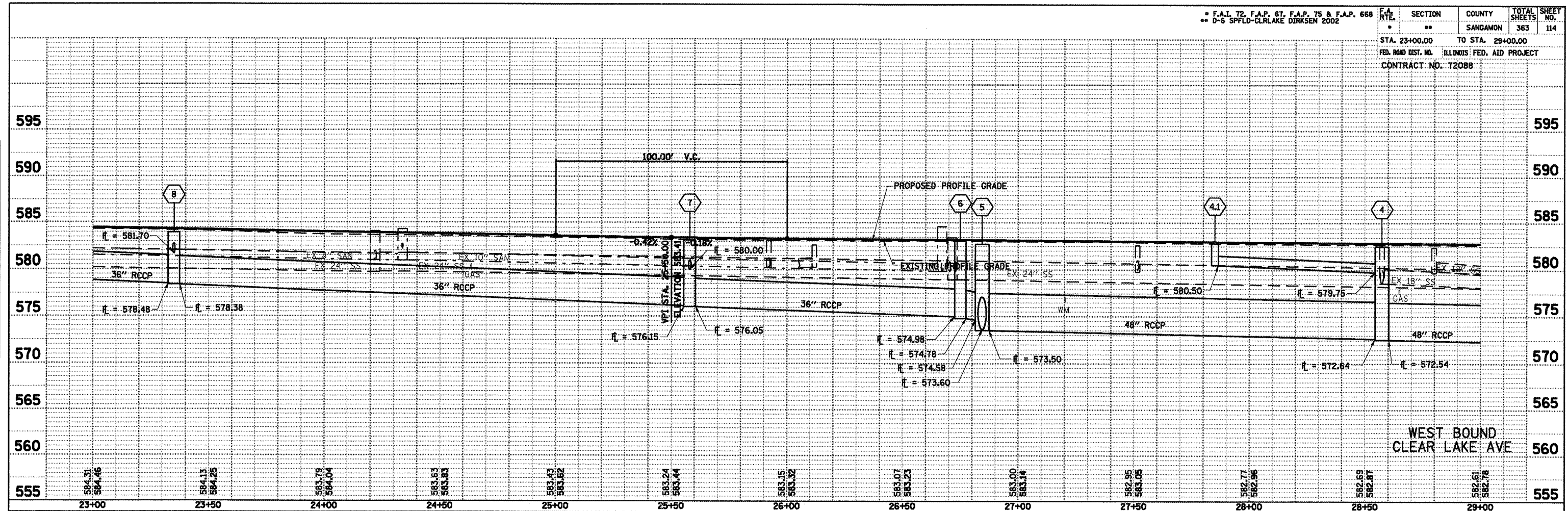
**TBF** TO BE FILLED (SEE SCHEDULE)

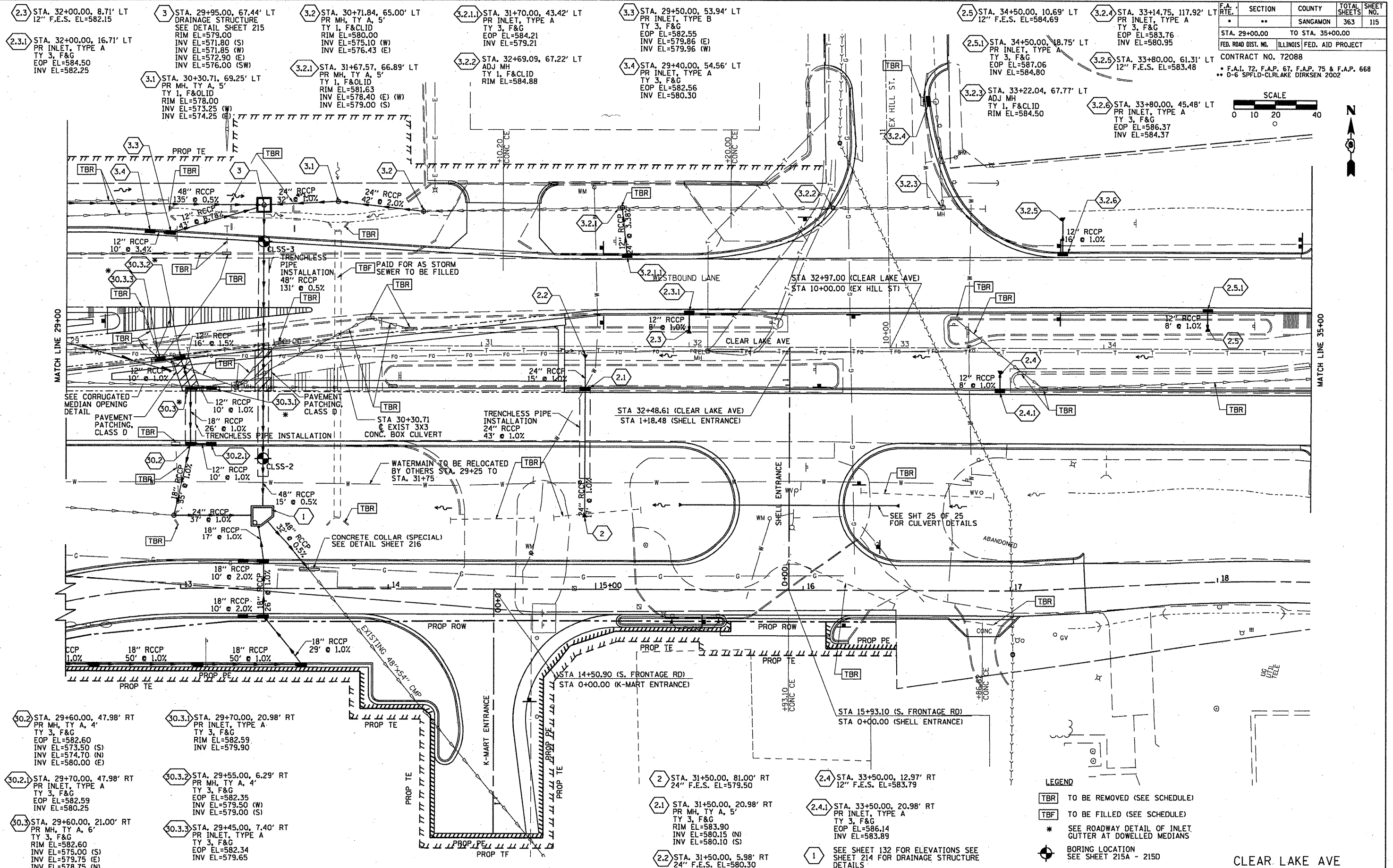
\* SEE ROADWAY DETAIL OF INLET GUTTER AT DOWELLED MEDIANS

BORING LOCATION SEE SHEET 215A - 215D

PLAN  
 SURVEYED BY  
 PLOTTED BY  
 CHECKED BY  
 DATE

PROFILE  
 SURVEYED BY  
 PLOTTED BY  
 CHECKED BY  
 DATE





F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	SANGAMON	363	115
STA. 29+00.00 TO STA. 35+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72088				
* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668				
** D-6 SPFLD-CLRLAKE DIRKSEN 2002				

- 2.3 STA. 32+00.00, 8.71' LT  
12" F.E.S. EL=582.15
- 3 STA. 29+95.00, 67.44' LT  
DRAINAGE STRUCTURE  
SEE DETAIL SHEET 215  
RIM EL=579.00  
INV EL=571.80 (S)  
INV EL=571.85 (W)  
INV EL=572.90 (E)  
INV EL=576.00 (SW)
- 3.2 STA. 30+71.84, 65.00' LT  
PR MH, TY A, 5'  
TY 1, F&CLID  
RIM EL=580.00  
INV EL=575.10 (W)  
INV EL=576.43 (E)
- 3.2.1 STA. 31+70.00, 43.42' LT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=584.21  
INV EL=579.21
- 3.3 STA. 29+50.00, 53.94' LT  
PR INLET, TYPE B  
TY 3, F&G  
EOP EL=582.55  
INV EL=579.86 (E)  
INV EL=579.96 (W)
- 2.5 STA. 34+50.00, 10.69' LT  
12" F.E.S. EL=584.69
- 3.2.4 STA. 33+14.75, 117.92' LT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=583.76  
INV EL=580.95
- 3.1 STA. 30+30.71, 69.25' LT  
PR MH, TY A, 5'  
TY 1, F&OLID  
RIM EL=578.00  
INV EL=573.25 (W)  
INV EL=574.25 (S)
- 3.2.1 STA. 31+67.57, 66.89' LT  
PR MH, TY A, 5'  
TY 1, F&OLID  
RIM EL=581.63  
INV EL=578.40 (E) (W)  
INV EL=579.00 (S)
- 3.2.2 STA. 32+69.09, 67.22' LT  
ADJ MH  
TY 1, F&CLID  
RIM EL=584.88
- 3.4 STA. 29+40.00, 54.56' LT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=582.56  
INV EL=580.30
- 2.5.1 STA. 34+50.00, 18.75' LT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=587.06  
INV EL=584.80
- 3.2.5 STA. 33+80.00, 61.31' LT  
12" F.E.S. EL=583.48
- 3.2.6 STA. 33+80.00, 45.48' LT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=586.37  
INV EL=584.37

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- 30.2 STA. 29+60.00, 47.98' RT  
PR MH, TY A, 4'  
TY 3, F&G  
EOP EL=582.60  
INV EL=573.50 (S)  
INV EL=574.70 (N)  
INV EL=580.00 (E)
- 30.2.1 STA. 29+70.00, 47.98' RT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=582.59  
INV EL=580.25
- 30.3 STA. 29+60.00, 21.00' RT  
PR MH, TY A, 6'  
TY 3, F&G  
RIM EL=582.60  
INV EL=575.00 (S)  
INV EL=579.75 (E)  
INV EL=578.75 (N)
- 30.3.1 STA. 29+70.00, 20.98' RT  
PR INLET, TYPE A  
TY 3, F&G  
RIM EL=582.59  
INV EL=579.90
- 30.3.2 STA. 29+55.00, 6.29' RT  
PR MH, TY A, 4'  
TY 3, F&G  
EOP EL=582.35  
INV EL=579.50 (W)  
INV EL=579.00 (S)
- 30.3.3 STA. 29+45.00, 7.40' RT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=582.34  
INV EL=579.65
- 2 STA. 31+50.00, 81.00' RT  
24" F.E.S. EL=579.50
- 2.1 STA. 31+50.00, 20.98' RT  
PR MH, TY A, 5'  
TY 3, F&G  
RIM EL=583.90  
INV EL=580.15 (N)  
INV EL=580.10 (S)
- 2.2 STA. 31+50.00, 5.98' RT  
24" F.E.S. EL=580.30
- 2.4 STA. 33+50.00, 12.97' RT  
12" F.E.S. EL=583.79
- 2.4.1 STA. 33+50.00, 20.98' RT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=586.14  
INV EL=583.89

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- 30.3.99
- 30.3.100

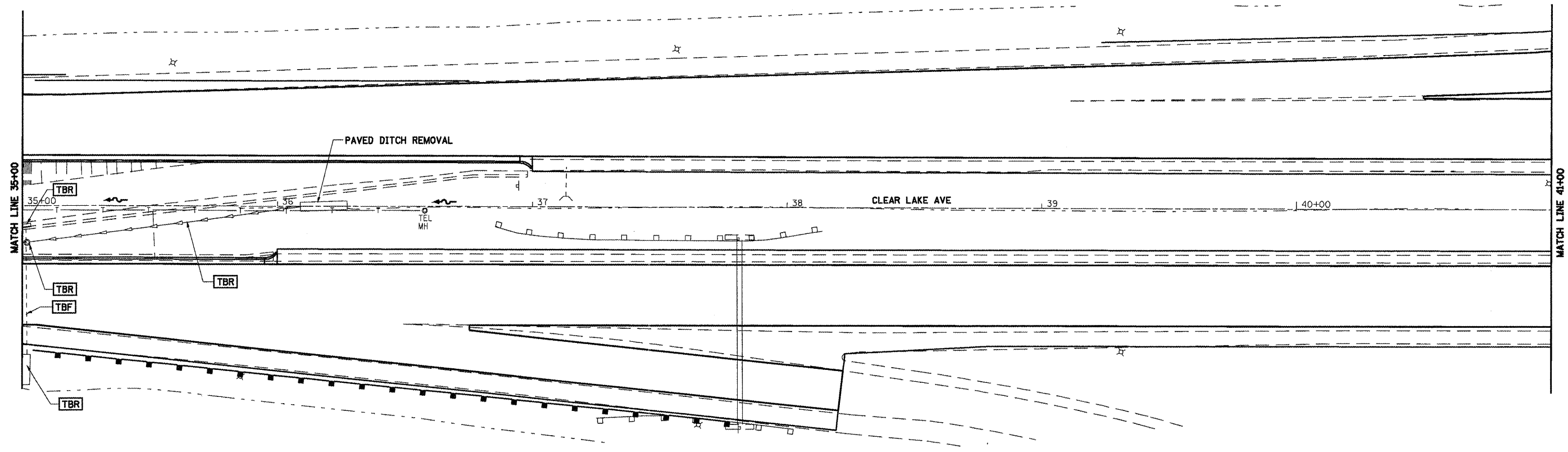
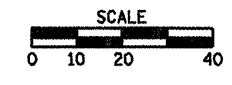
- LEGEND**
- TBR TO BE REMOVED (SEE SCHEDULE)
  - TBF TO BE FILLED (SEE SCHEDULE)
  - \* SEE ROADWAY DETAIL OF INLET GUTTER AT DOWELLED MEDIANS
  - ⊕ BORING LOCATION SEE SHEET 215A - 215D





• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

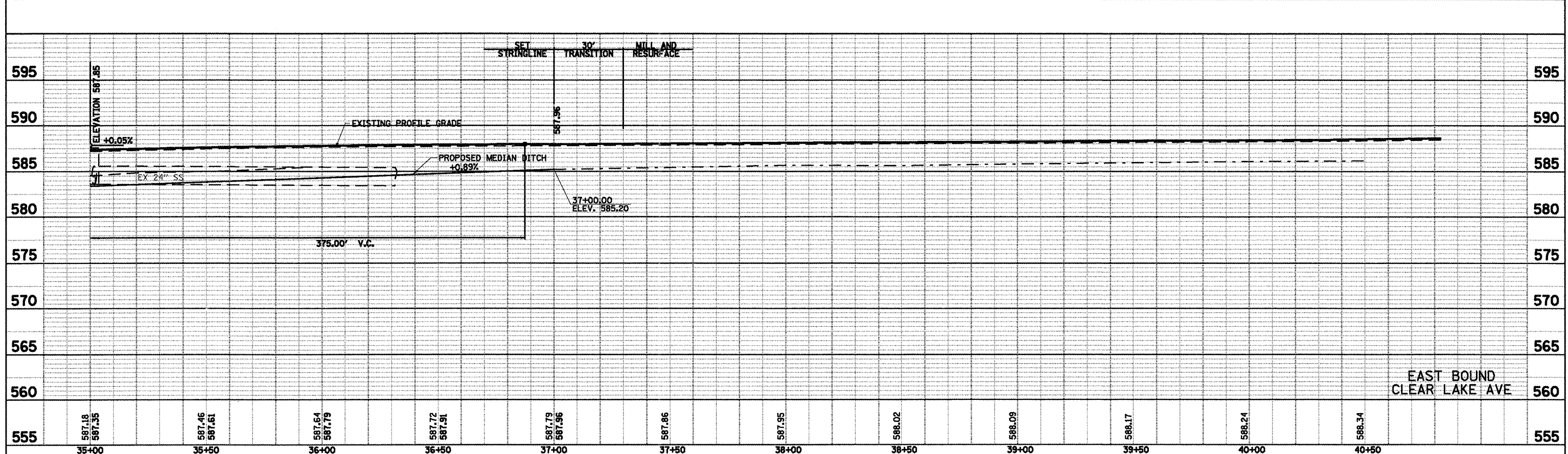
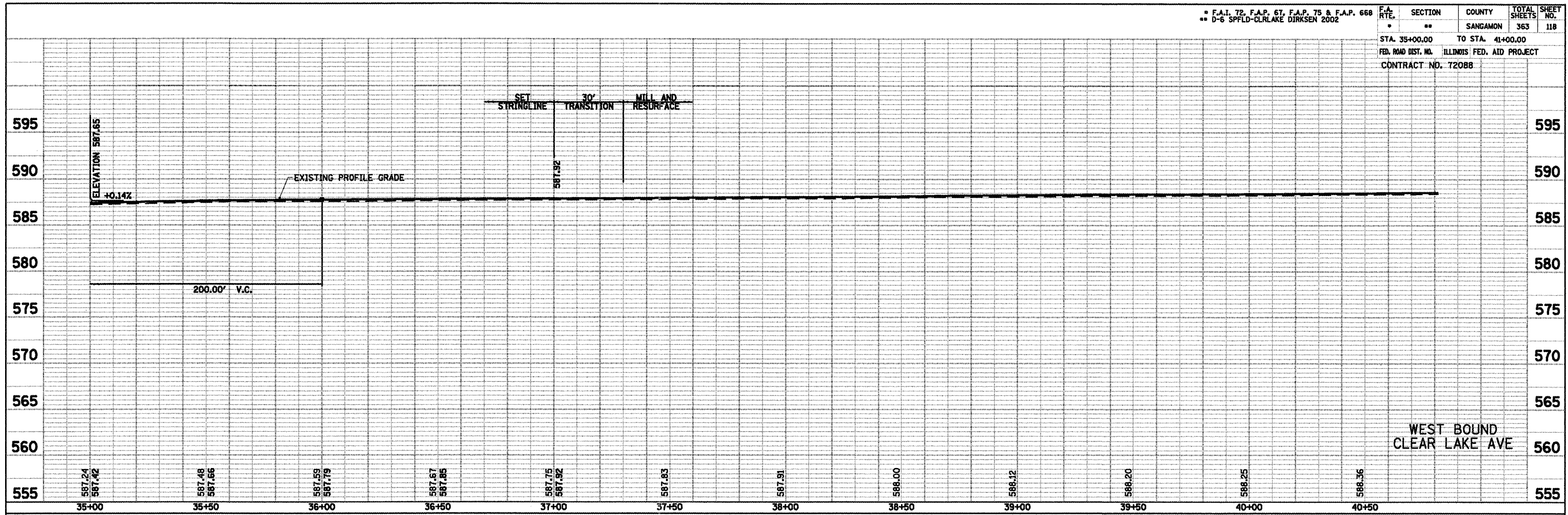
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	117
STA. 29+00.00		TO STA. 35+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



**LEGEND**  
 TBR TO BE REMOVED (SEE SCHEDULE)  
 TBF TO BE FILLED (SEE SCHEDULE)

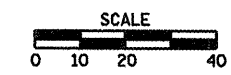
PLAN	DATE	BY
REVISIONS		
NO. _____		
DATE _____		
BY _____		

PROFILE	DATE	BY
REVISIONS		
NO. _____		
DATE _____		
BY _____		

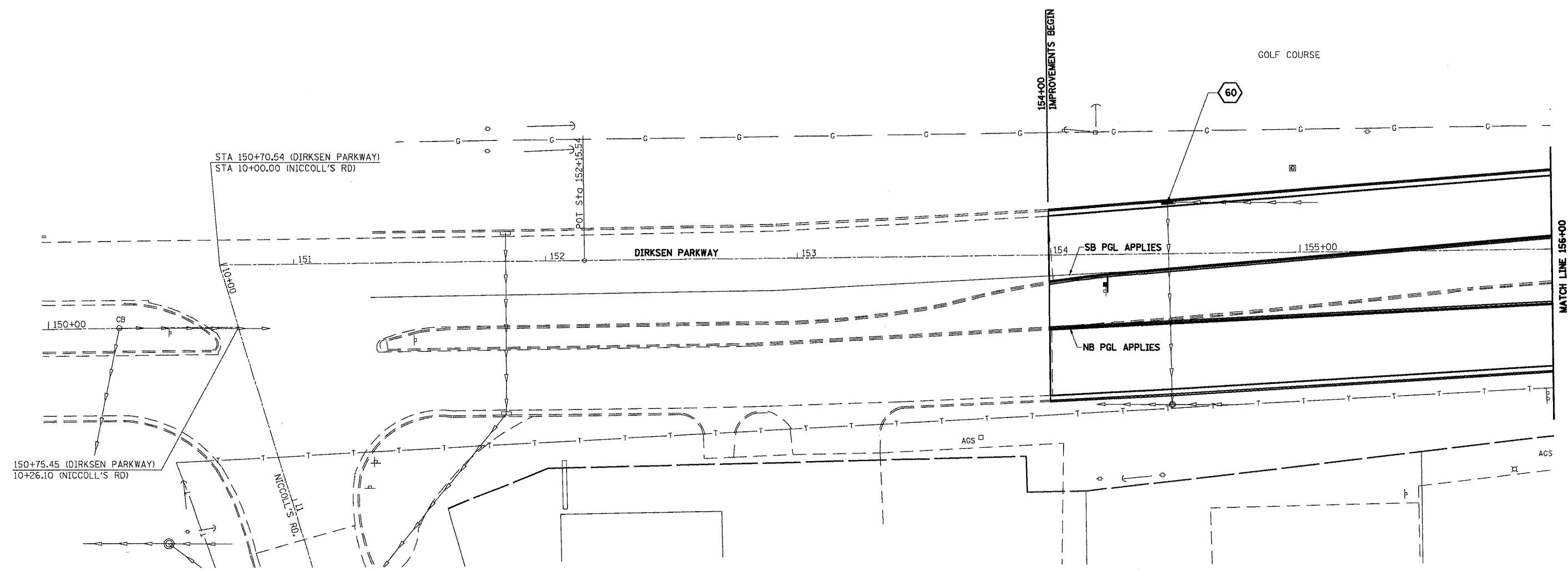


• F.A.I. 72, F.A.P. 6T, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SAGAMON	363	119
STA. 150+00.00		TO STA. 156+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				



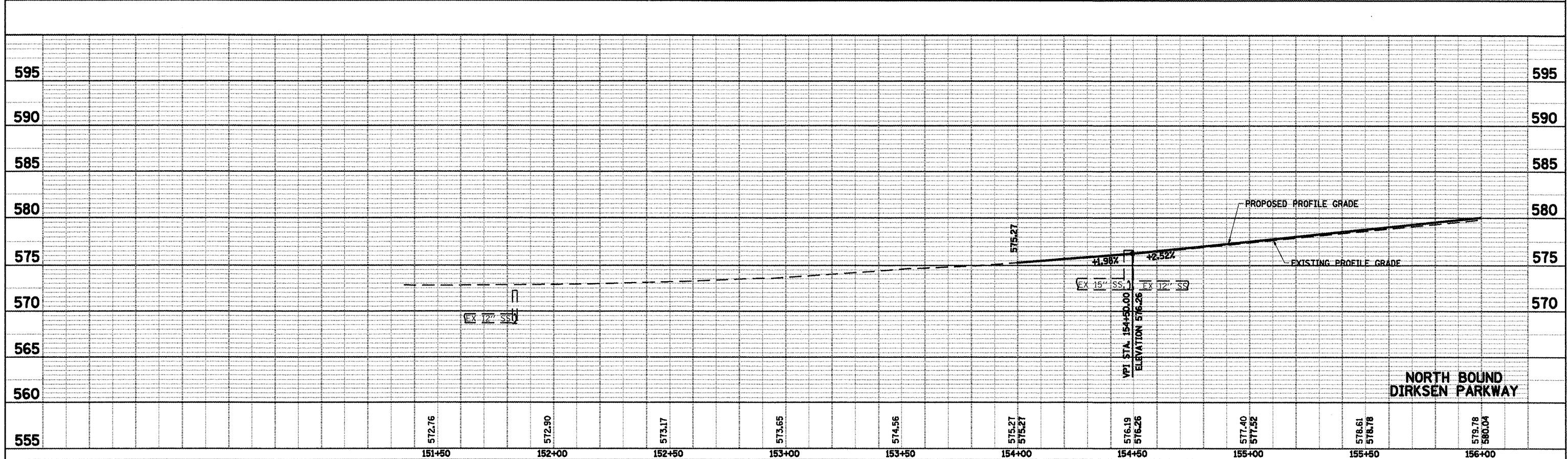
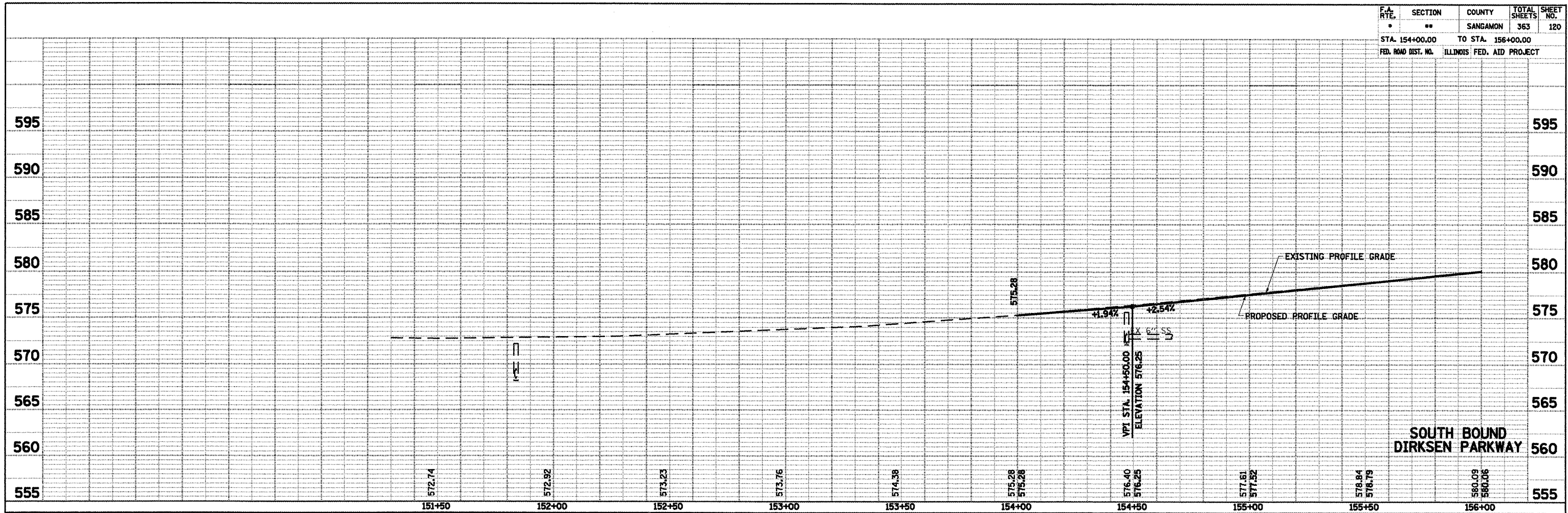
60 STA. 154+47.49, 20.45' LT  
 INLET TO BE ADJUSTED  
 TY 3, F&G  
 EOP EL=575.88



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	120
STA. 154+00.00		TO STA. 156+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

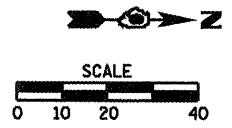
PLAN	DATE	BY
DESIGNED		
PLOTTED		
NOTE BOOK		
NO.		

PROFILE	DATE	BY
DESIGNED		
PLOTTED		
NOTE BOOK		
NO.		

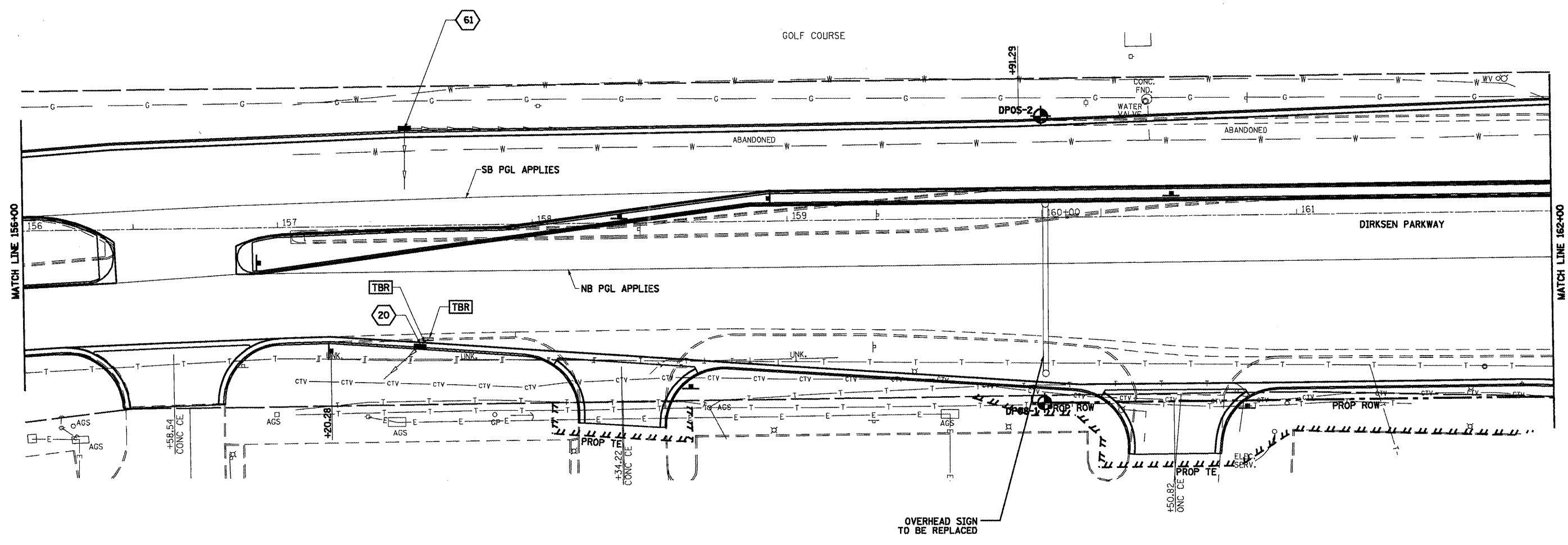


• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 •• D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SAGAMON	363	121
STA. 156+00.00		TO STA. 162+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72088				



61 STA. 157+50.29, 38.32' LT  
 INLET TO BE ADJUSTED  
 TY 3, F&G  
 EDP EL=583.51



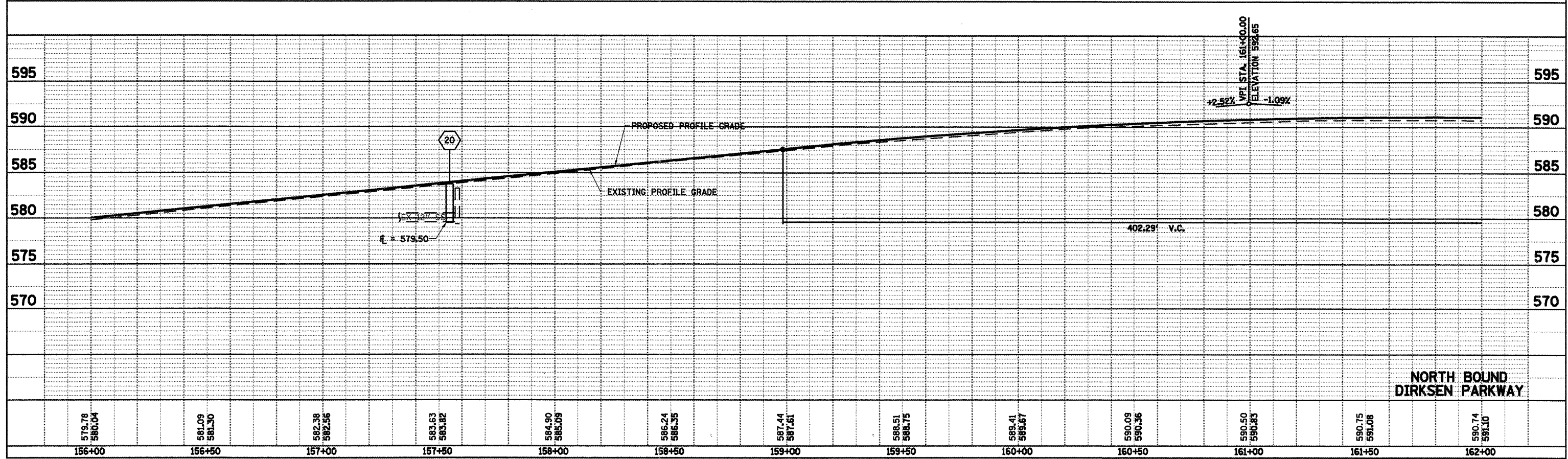
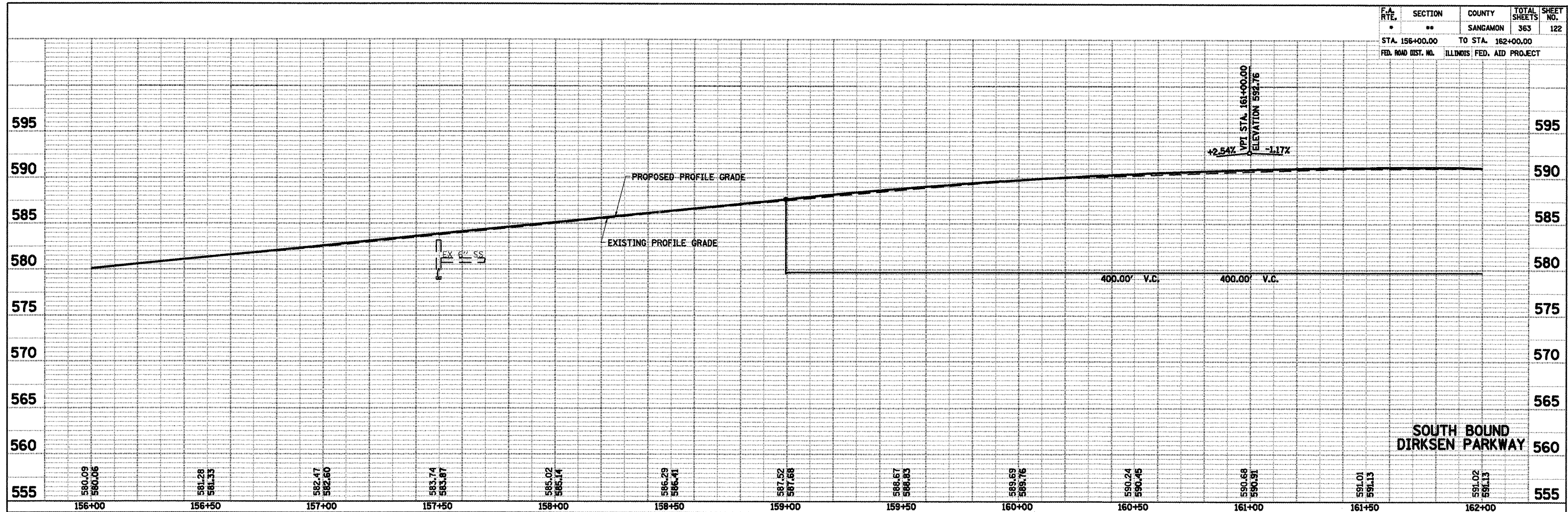
**LEGEND**  
 [TBR] TO BE REMOVED (SEE SCHEDULE)  
 [TBF] TO BE FILLED (SEE SCHEDULE)  
 [B] BORING LOCATION  
 SEE SHEET 215A - 215D

20 STA. 157+55.24, 47.45' RT  
 PR INLET, TYPE A  
 TY 3, F&G  
 EDP EL=583.77  
 INV EL=579.50

PLAN  
 SURVEYED BY DATE  
 PLOTTED BY DATE  
 NOTE BOOK NO. \_\_\_\_\_  
 DRAWING CHECKED BY DATE  
 CADD FILE NAME \_\_\_\_\_

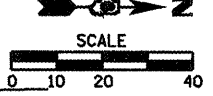
PROFILE  
 SURVEYED BY DATE  
 PLOTTED BY DATE  
 NOTE BOOK NO. \_\_\_\_\_  
 DRAWING CHECKED BY DATE  
 STRUCTURE NOTATION \_\_\_\_\_

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	122
STA. 156+00.00		TO STA. 162+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

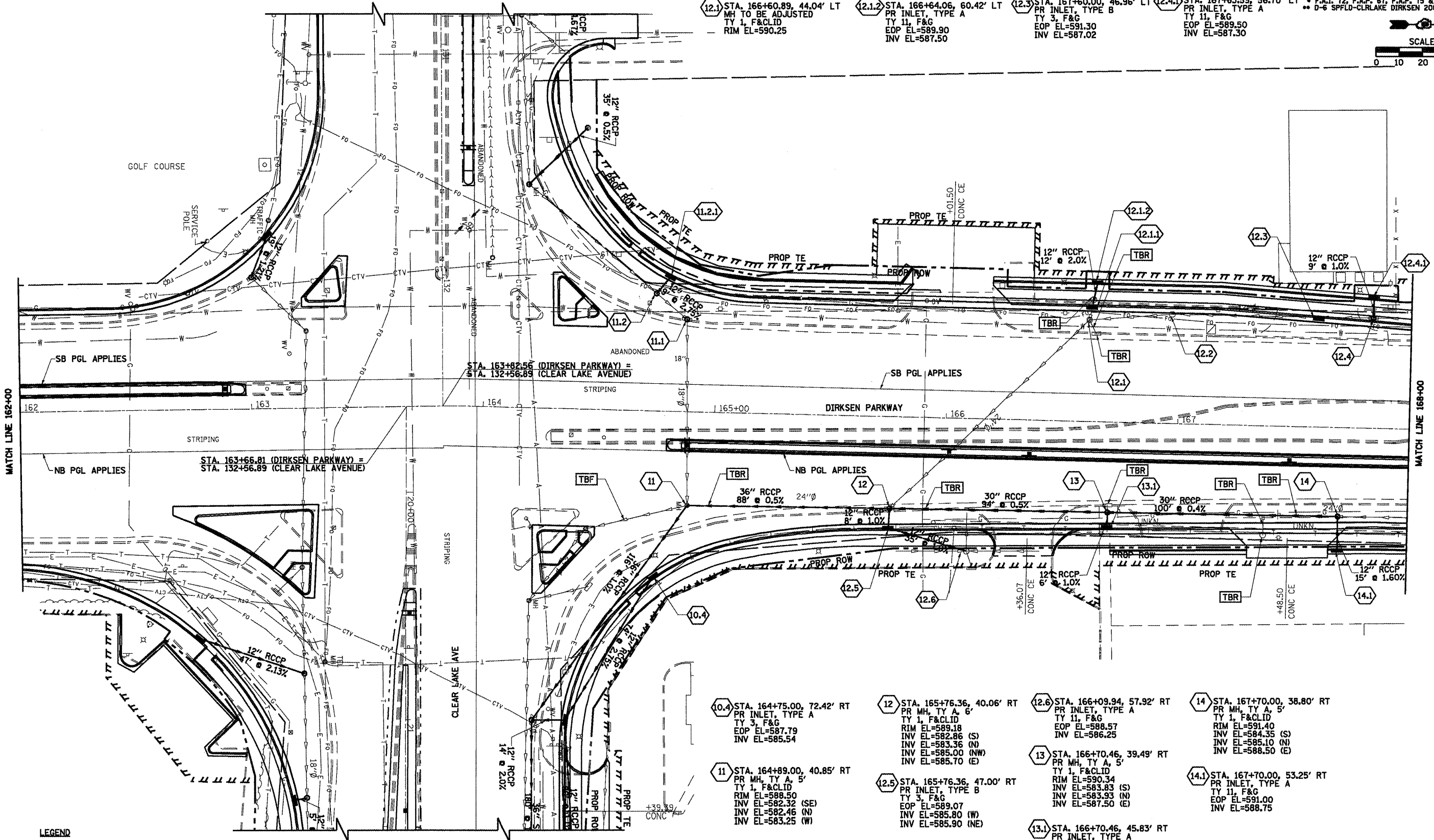


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	SANGAMON	363	123
STA. 162+00.00 TO STA. 168+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72088				

• F.A.1. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 • D-6 SPFLD-CLRLAKE DIRKSEN 2002



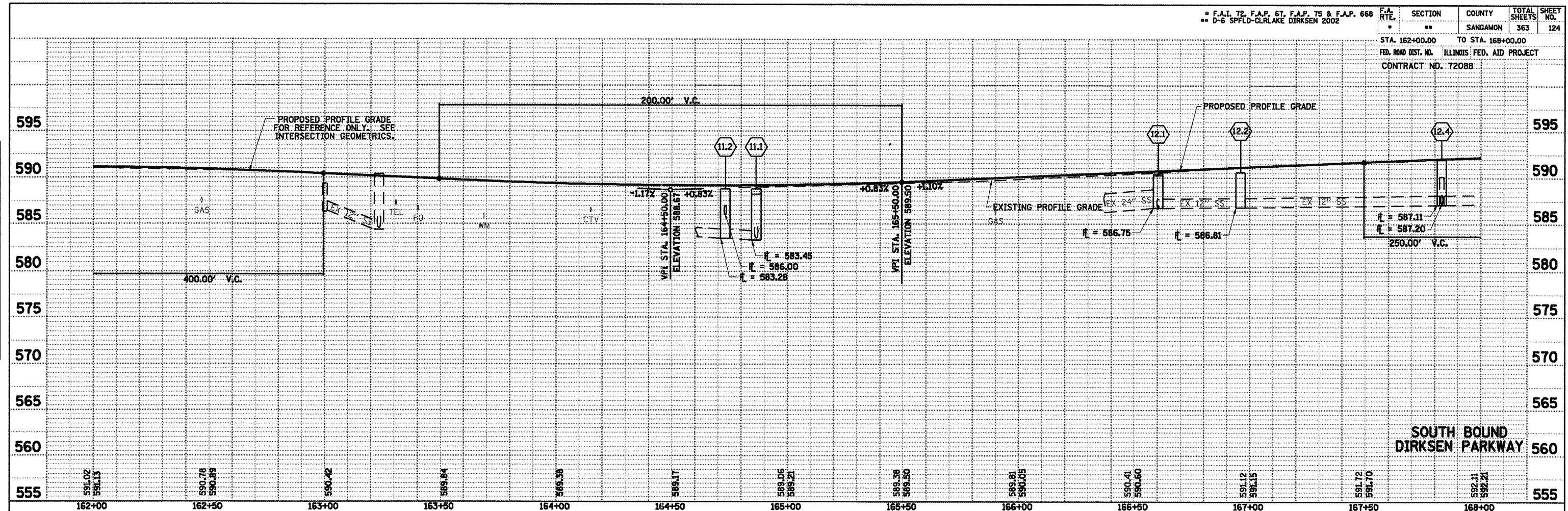
- (11.1) STA. 164+87.11, 40.05' LT  
MH TO BE ADJUSTED  
TY 1, F&CLID  
RIM EL=588.80
- (11.2) STA. 164+73.70, 50.98' LT  
PR MH, TY A, 4'  
TY 1, F&CLID  
RIM EL=588.72  
INV EL=583.45  
INV EL=586.00 (NW)
- (11.2.1) STA. 164+79.50, 58.10' LT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=588.60  
INV EL=586.25
- (12.1) STA. 166+61.87, 49.50' LT  
PR INLET, TYPE B  
TY 3, F&G  
EOP EL=590.19  
INV EL=587.00 (E)  
INV EL=587.25 (W)
- (12.2) STA. 166+96.58, 47.38' LT  
MH TO BE ADJUSTED  
TY 1, F&CLID  
RIM EL=590.61
- (12.4) STA. 167+83.59, 47.80' LT  
PR MH, TY A, 4'  
TY 1, F&CLID  
RIM EL=591.94  
INV EL=587.11  
INV EL=587.20 (W)
- (12.1.2) STA. 166+60.89, 44.04' LT  
MH TO BE ADJUSTED  
TY 1, F&CLID  
RIM EL=590.25
- (12.1.1) STA. 166+64.06, 60.42' LT  
PR INLET, TYPE A  
TY 11, F&G  
EOP EL=589.90  
INV EL=587.50
- (12.3) STA. 167+60.00, 46.96' LT  
PR INLET, TYPE B  
TY 3, F&G  
EOP EL=591.30  
INV EL=587.02
- (12.4.1) STA. 167+83.59, 56.70' LT  
PR INLET, TYPE A  
TY 11, F&G  
EOP EL=589.50  
INV EL=587.30



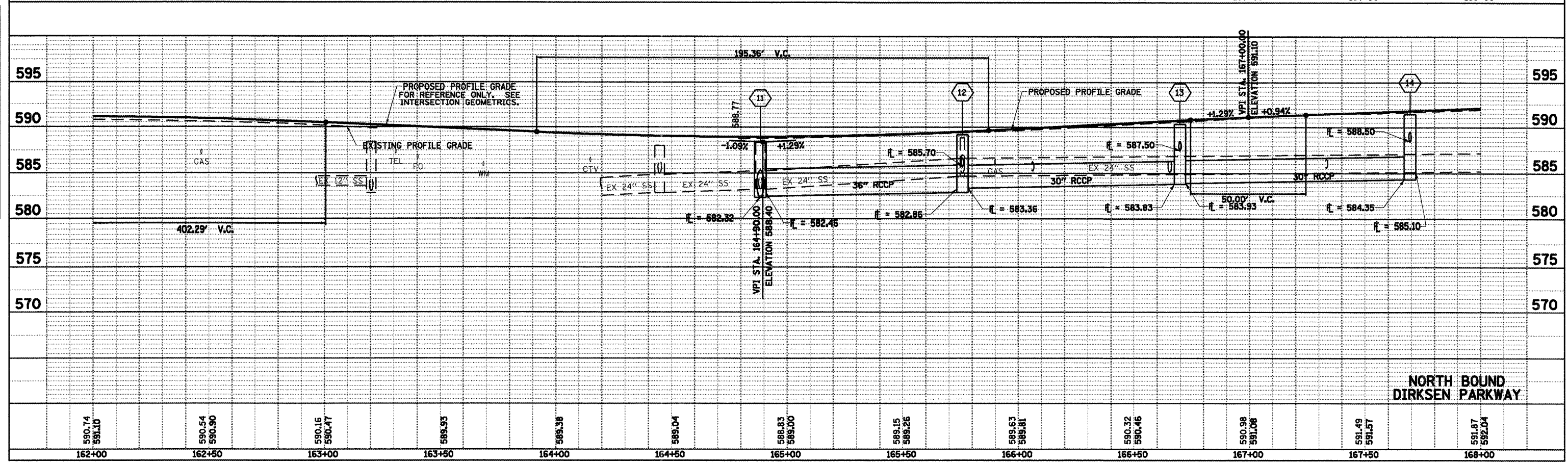
- (10.4) STA. 164+75.00, 72.42' RT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=587.79  
INV EL=585.54
- (11) STA. 164+89.00, 40.85' RT  
PR MH, TY A, 5'  
TY 1, F&CLID  
RIM EL=588.50  
INV EL=582.32 (SE)  
INV EL=582.46 (N)  
INV EL=583.25 (W)
- (12) STA. 165+76.36, 40.06' RT  
PR MH, TY A, 6'  
TY 1, F&CLID  
RIM EL=589.18  
INV EL=582.86 (S)  
INV EL=583.36 (N)  
INV EL=585.00 (NW)  
INV EL=585.70 (E)
- (12.5) STA. 165+76.36, 47.00' RT  
PR INLET, TYPE B  
TY 3, F&G  
EOP EL=589.07  
INV EL=585.80 (W)  
INV EL=585.90 (NE)
- (12.6) STA. 166+09.94, 57.92' RT  
PR INLET, TYPE A  
TY 11, F&G  
EOP EL=588.57  
INV EL=586.25
- (13) STA. 166+70.46, 39.49' RT  
PR MH, TY A, 5'  
TY 1, F&CLID  
RIM EL=590.34  
INV EL=583.83 (S)  
INV EL=583.93 (N)  
INV EL=587.50 (E)
- (13.1) STA. 166+70.46, 45.83' RT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=590.30  
INV EL=587.60
- (14) STA. 167+70.00, 38.80' RT  
PR MH, TY A, 5'  
TY 1, F&CLID  
RIM EL=591.40  
INV EL=584.35 (S)  
INV EL=585.10 (N)  
INV EL=588.50 (E)
- (14.1) STA. 167+70.00, 53.25' RT  
PR INLET, TYPE A  
TY 11, F&G  
EOP EL=591.00  
INV EL=588.75

**LEGEND**  
 [TBR] TO BE REMOVED (SEE SCHEDULE)  
 [TBF] TO BE FILLED (SEE SCHEDULE)

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 NOTE BOOK NO. OF ANY CHECKED  
 CADD FILE NAME



PROFILE  
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 CHECKED BY  
 NOTE BOOK NO. OF ANY CHECKED  
 STRUCTURE NOTATIONS CIV/D





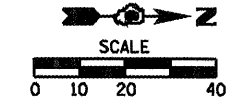
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SAGAMON	363	125

STA. 168+00.00 TO STA. 173+00.00

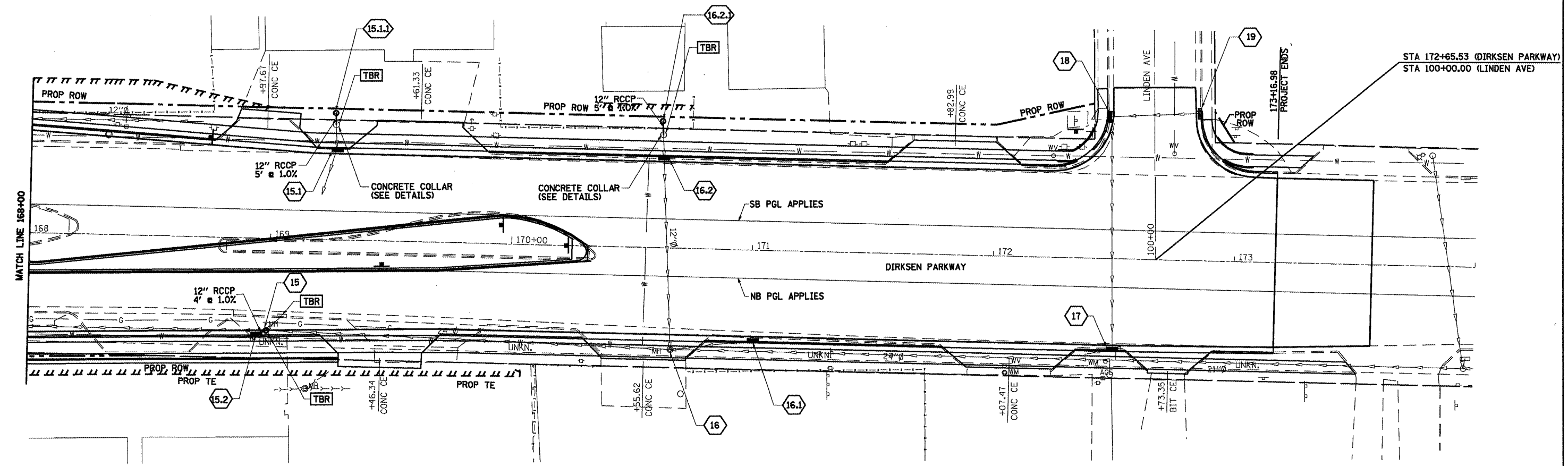
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

CONTRACT NO. 72088

\* F.A.L. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002



- 15.1 STA. 169+27.00, 37.50' LT  
INLET TO BE ADJUSTED  
TY 3, F&G  
EOP EL=592.68
- 15.1.1 STA. 169+25.84, 53.21' LT  
PR INLET, TYPE A  
TY 8 GRATE  
EOP EL=591.90  
INV EL=588.55
- 16.2 STA. 170+62.39, 37.50' LT  
INLET TO BE ADJUSTED  
TY 3, F&G  
EOP EL=592.93
- 16.2.1 STA. 170+61.55, 53.13' LT  
PR INLET, TYPE A  
TY 8, GRATE  
EOP EL=591.75  
INV EL=589.50
- 18 STA. 172+47.78, 59.61' LT  
INLET TO BE ADJUSTED  
TY 3, F&G  
EOP EL=592.44
- 19 STA. 172+84.33, 61.89' LT  
INLET TO BE ADJUSTED  
TY 3, F&G  
EOP EL=592.73

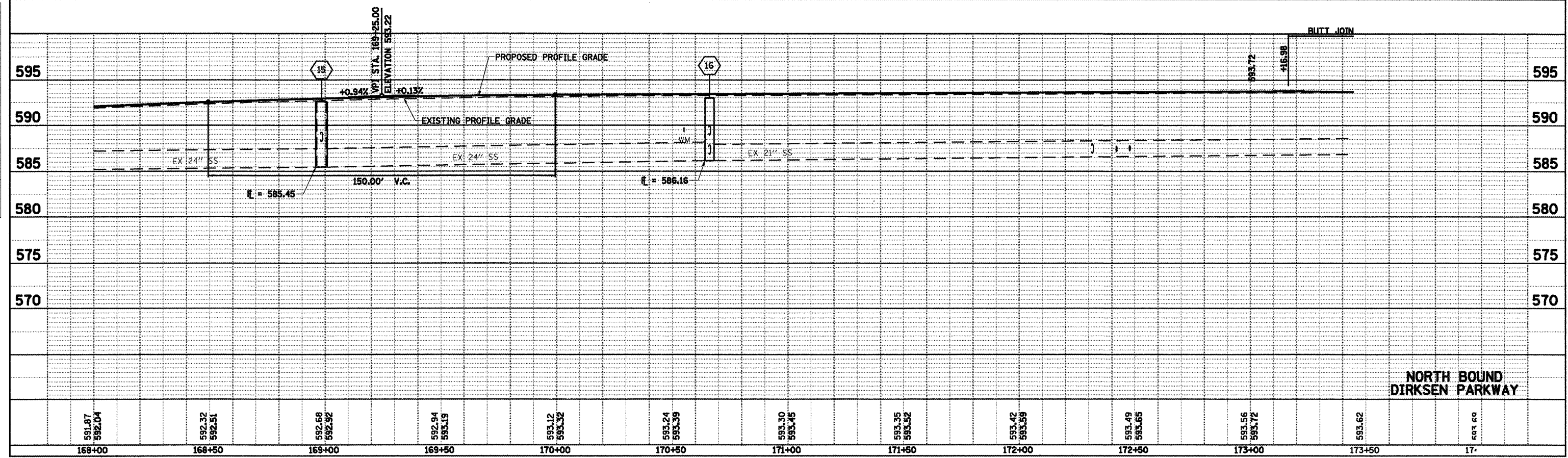
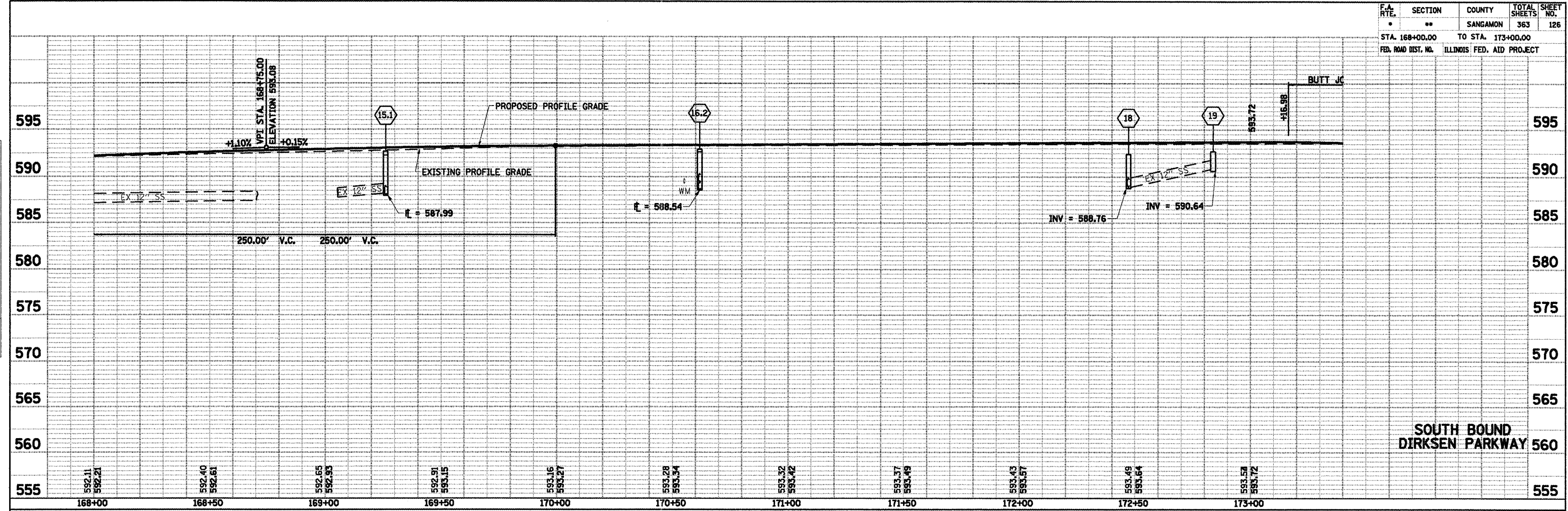


- 15 STA. 168+98.97, 38.12' RT  
PR MH, TY A, 5'  
TY 1, F&CLID  
RIM EL=592.55  
INV EL=585.45 (S)  
INV EL=589.80 (E)
- 15.2 STA. 168+95.00, 39.59' RT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=592.55  
INV EL=590.00
- 16 STA. 170+66.67, 42.15' RT  
MH TO BE ADJUSTED  
TY 1, F&CLID  
RIM EL=593.00
- 16.1 STA. 171+01.00, 37.50' RT  
INLET TO BE ADJUSTED  
TY 3, F&G  
EOP EL=593.09
- 17 STA. 172+50.15, 37.50' RT  
INLET TO BE ADJUSTED  
TY 3, F&G  
EOP EL=593.29

**LEGEND**  
 [TBR] TO BE REMOVED (SEE SCHEDULE)  
 [TBF] TO BE FILLED (SEE SCHEDULE)

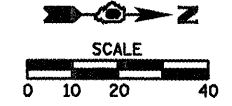
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 NOTE BOOK NO.  
 DATE

PROFILE  
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 NOTE BOOK NO.  
 DATE



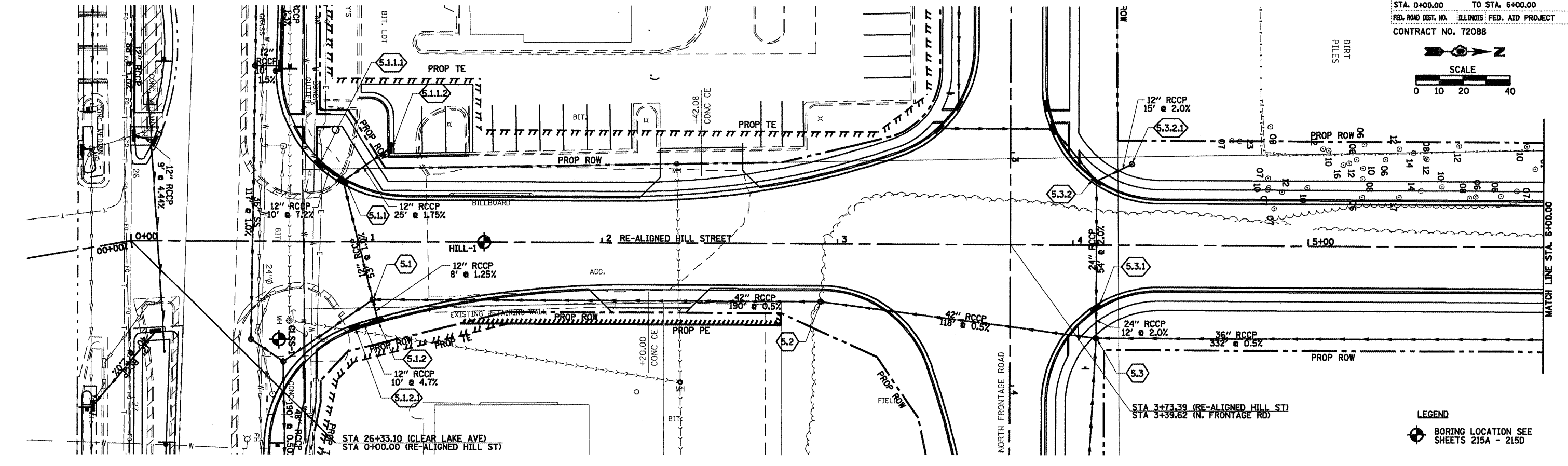
F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	00	SANGAMON	363	127
STA. 0+00.00 TO STA. 6+00.00		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				

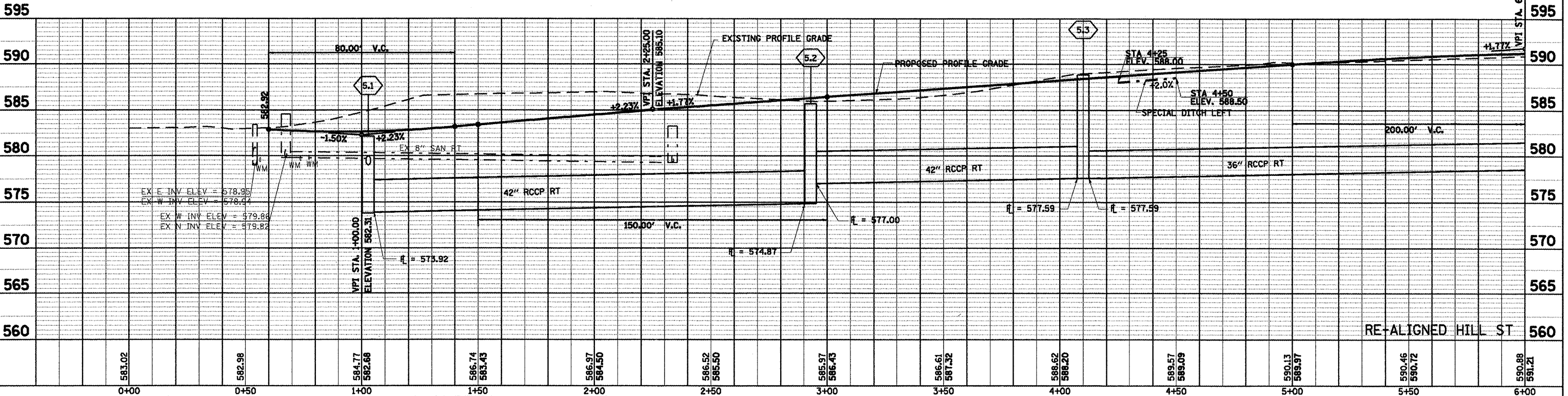


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DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

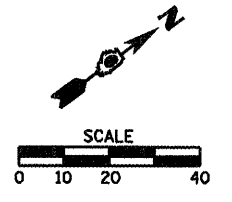


5.1 STA. 1+02.76, 25.00' RT PR MH, TY A, 5' TY 1, F&CLID RIM EL=582.16 INV EL=573.82 (SE) INV EL=573.92 (N) INV EL=578.96 (E) (W)	5.1.1 STA. 0+90.00, 26.18' LT PR INLET, TYPE B TY 11, F&G RIM EL=582.31 INV EL=579.56 (S) INV EL=579.56 (NW) INV EL=579.46 (E)	5.1.1.1 STA. 0+80.00, 33.44' LT PR INLET, TYPE A TY 11, F&G EOP EL=582.28 INV EL=580.28	5.1.1.2 STA. 1+10.06, 40.38' LT PR INLET, TYPE A TY 11, F&G EOP EL=584.00 INV EL=580.00	5.1.2 STA. 1+05.00, 34.00' RT PR INLET, TYPE B TY 11, F&G EOP EL=581.91 INV EL=579.06 (W) INV EL=579.16 (S)	5.1.2.1 STA. 0+95.00, 36.66' RT PR INLET, TYPE A TY 11, F&G EOP EL=581.88 INV EL=579.63	5.2 STA. 2+92.89, 25.00' RT PR MH, TY A, 5' TY 1, F&CLID RIM EL=585.70 INV EL=577.59 (N) INV EL=577.00 (N) INV EL=574.87 (S)	5.3 STA. 4+10.00, 40.00' RT PR MH, TY A, 5' TY 1, F&CLID RIM EL=588.80 INV EL=577.59 (N) (S) INV EL=580.25 (N) INV EL=577.65 (E)	5.3.1 STA. 4+10.00, 27.54' RT PR MH, TY A, 5' TY 11, F&G RIM EL=587.85 INV EL=580.50 (W) INV EL=580.40 (E)	5.3.2 STA. 4+10.00, 27.54' LT PR MH, TY A, 5' TY 11, F&G RIM EL=587.85 INV EL=581.60 INV EL=583.87 (NW)	5.3.2.1 STA. 4+25.00, 35.00' LT PR INLET, TYPE A TY 8, GRATE RIM EL=588.00 INV EL=584.17
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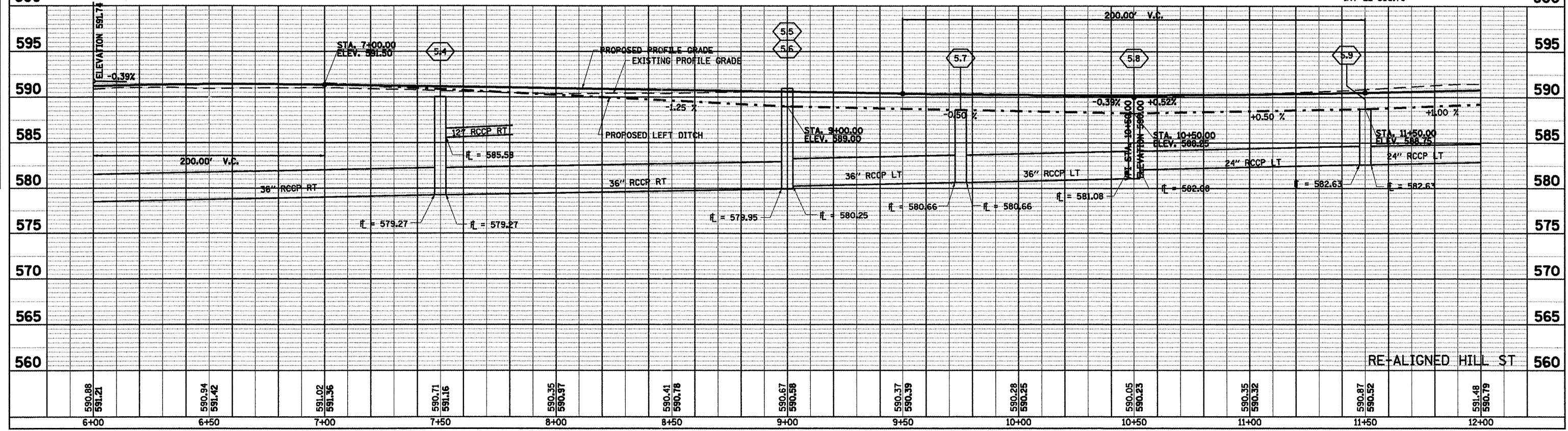
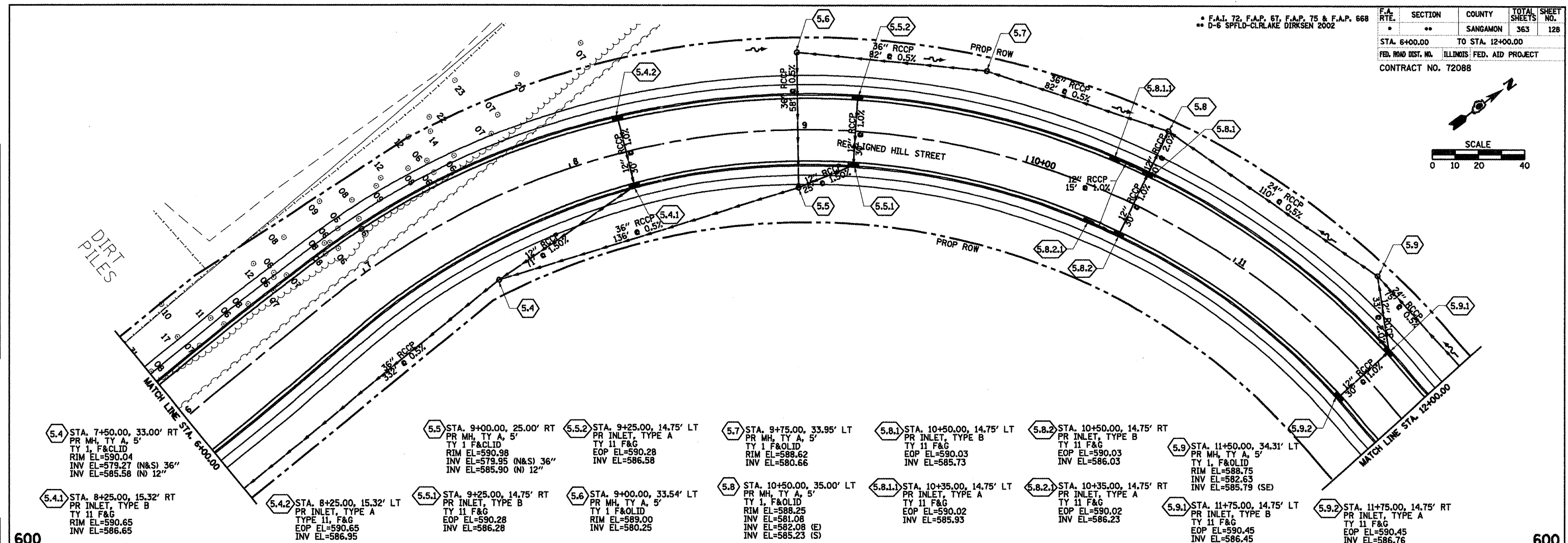
F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	SANGAMON	363	128
STA. 6+00.00 TO STA. 12+00.00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72088				



DATE	BY

DATE	BY



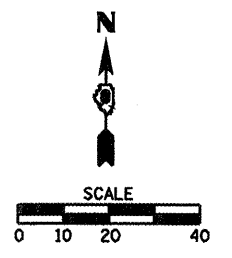
600 595 590 585 580 575 570 565 560

6+00 6+50 7+00 7+50 8+00 8+50 9+00 9+50 10+00 10+50 11+00 11+50 12+00



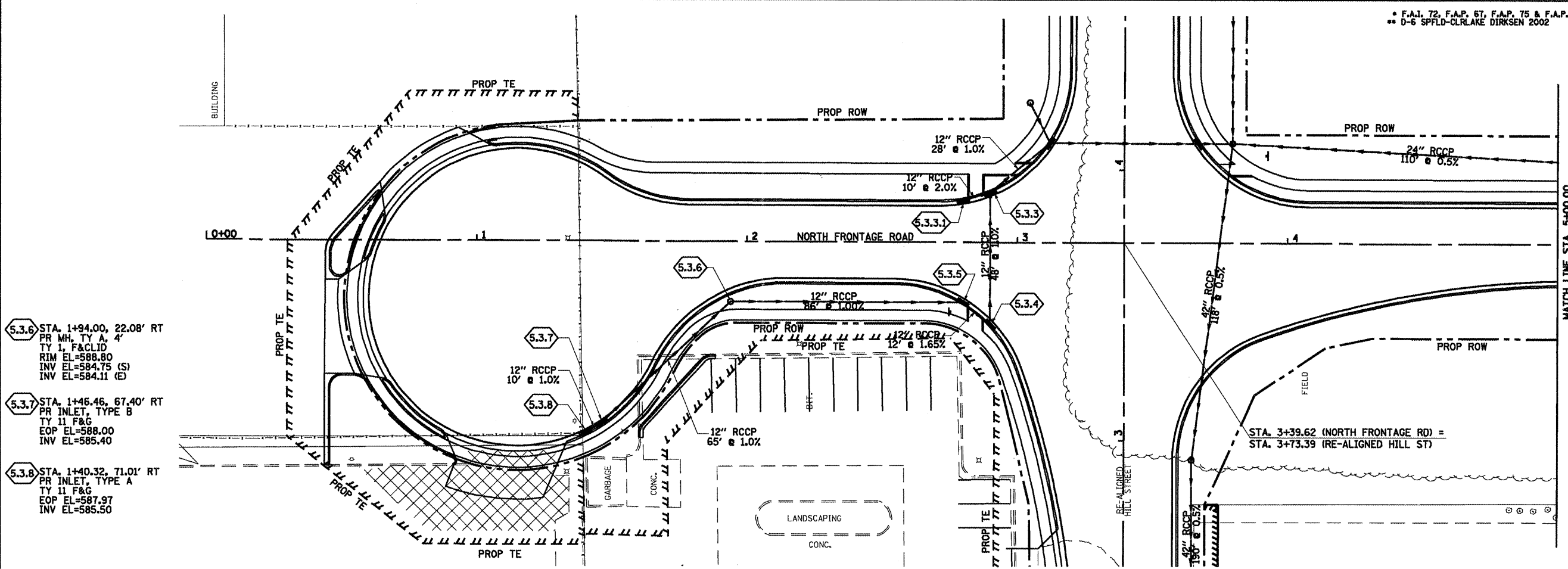
F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	SANGAMON	363	130
STA. 0+00.00		TO STA. 5+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				



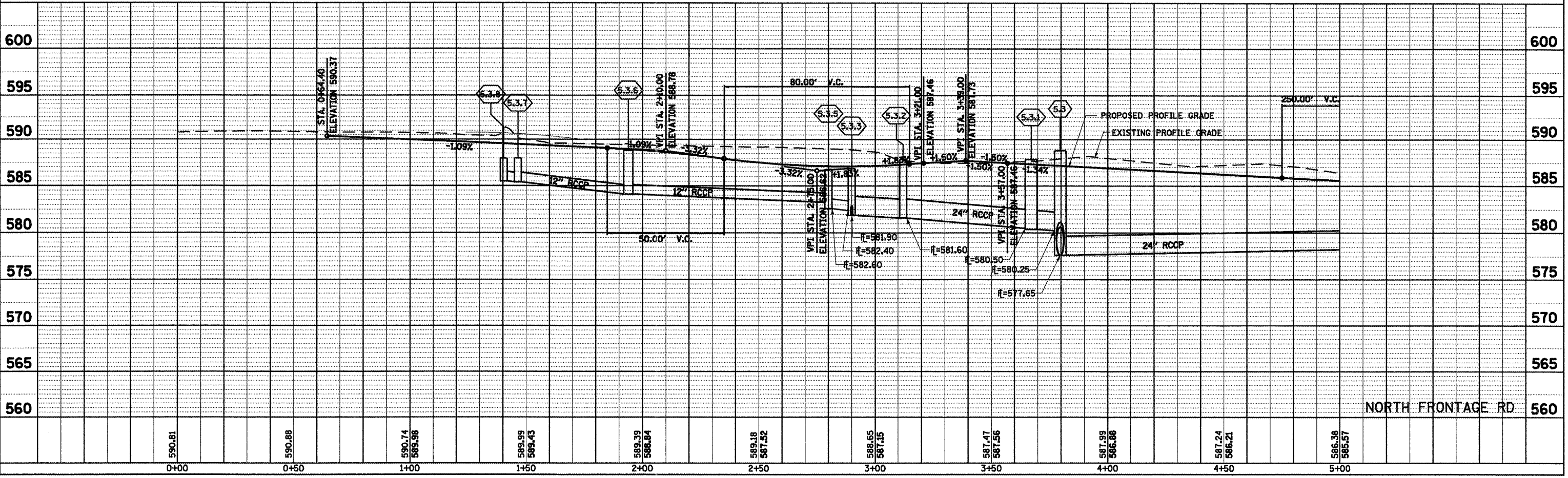
DATE	BY

DATE	BY



- 5.3.6 STA. 1+94.00, 22.08' RT  
PR MH, TY A, 4"  
TY 1, F&CLID  
RIM EL=588.80  
INV EL=584.75 (S)  
INV EL=584.11 (E)
- 5.3.7 STA. 1+46.46, 67.40' RT  
PR INLET, TYPE B  
TY 11 F&G  
EOP EL=588.00  
INV EL=585.40
- 5.3.8 STA. 1+40.32, 71.01' RT  
PR INLET, TYPE A  
TY 11 F&G  
EOP EL=587.97  
INV EL=585.50

- 5.3.3 STA. 2+90.00, 18.46' LT  
PR INLET, TYPE B  
TY 11 F&G  
EOP EL=586.84  
INV EL=581.90
- 5.3.3.1 STA. 2+80.00, 15.45' LT  
PR INLET, TYPE A  
TY 11 F&G  
EOP EL=586.85  
INV EL=582.10
- 5.3.4 STA. 2+90.00, 30.35' RT  
PR INLET, TYPE B  
TY 11 F&G  
EOP EL=586.68  
INV EL=582.40
- 5.3.5 STA. 2+80.00, 22.08' RT  
PR INLET, TYPE B  
TY 11 F&G  
EOP EL=586.78  
INV EL=583.25 (W)  
INV EL=582.60 (SE)

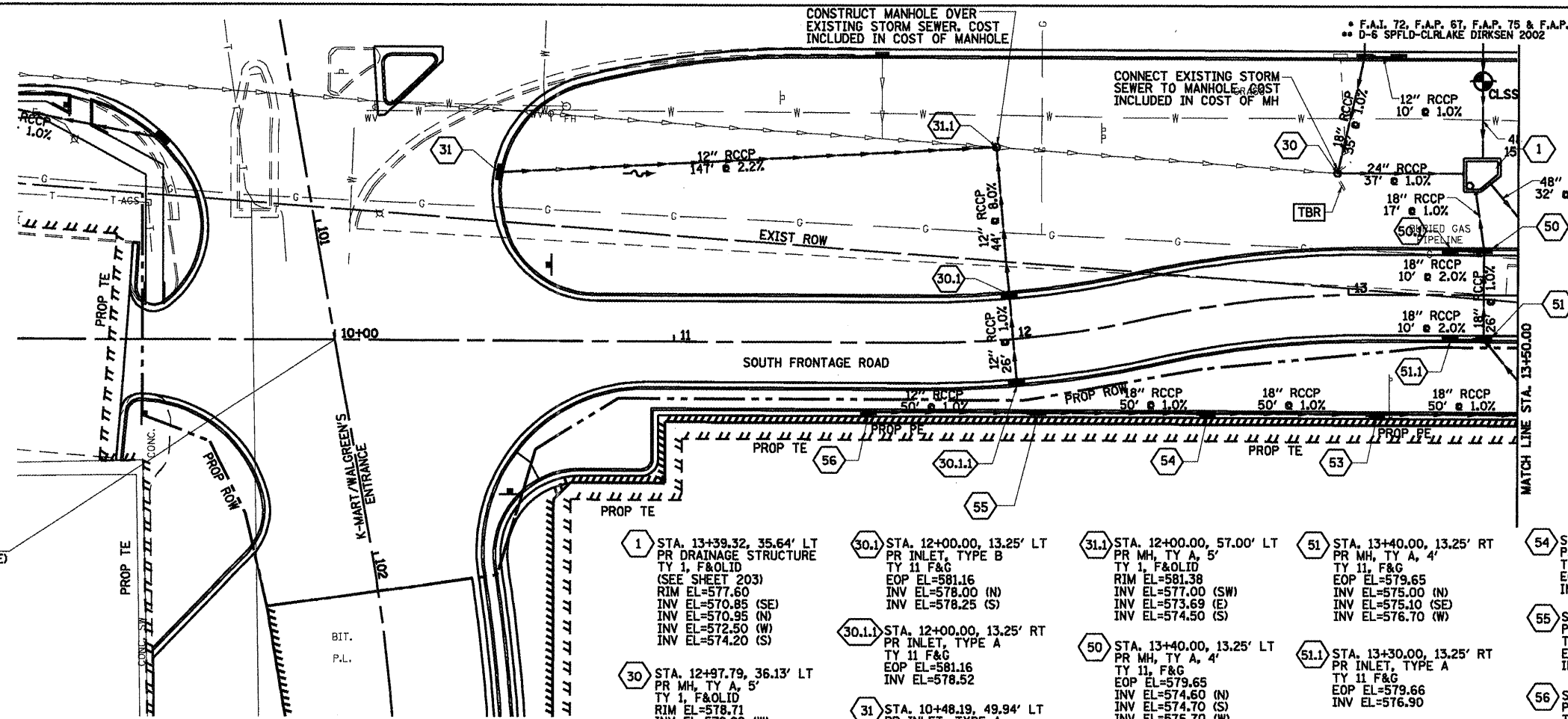
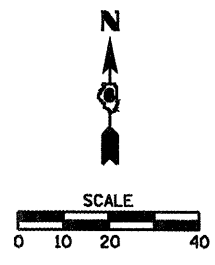




PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	REVISIONS	
	NO. OF WAY CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	NOTED	
	REVISIONS	
	NO. OF WAY CHECKED	
	FILE NAME	
	NO.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
••	••	SANGAMON	363	132
STA. 10+00.00		TO STA. 13+50.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				

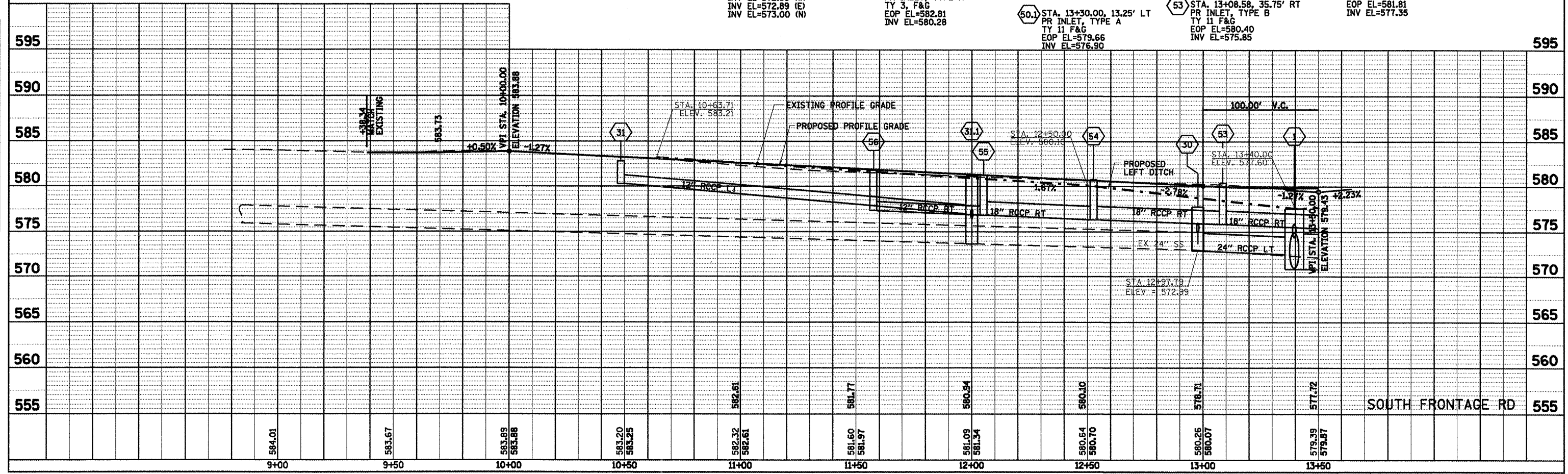


STA. 10+00.00 (SOUTH FRONTAGE ROAD) =  
STA. 101+35.54 (K-MART/WALGREEN'S ENTRANCE)

**LEGEND**

- TBR TO BE REMOVED (SEE SCHEDULE)
- TBF TO BE FILLED (SEE SCHEDULE)

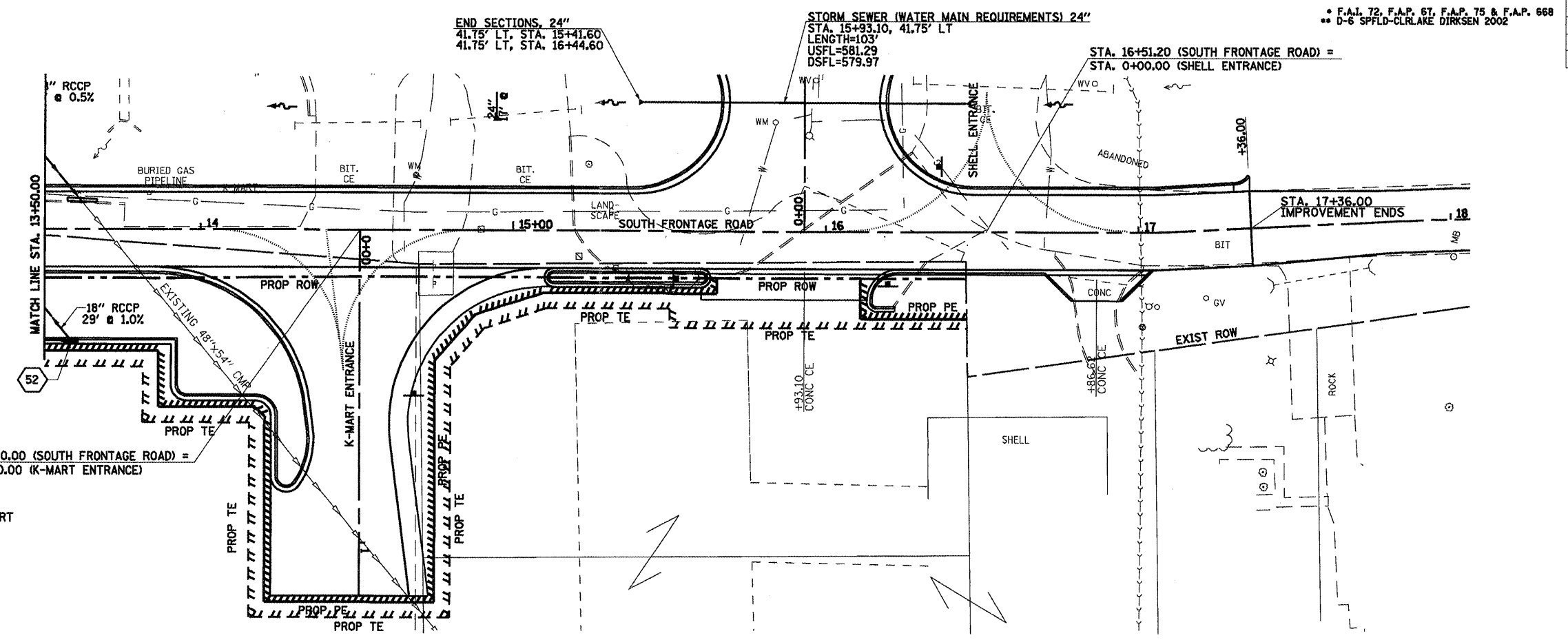
- 1 STA. 13+39.32, 35.64' LT  
PR DRAINAGE STRUCTURE  
TY 1, F&OLID  
(SEE SHEET 203)  
RIM EL=577.60  
INV EL=570.85 (SE)  
INV EL=570.95 (N)  
INV EL=572.50 (W)  
INV EL=574.20 (S)
- 30 STA. 12+97.79, 36.13' LT  
PR MH, TY A, 5'  
TY 1, F&OLID  
RIM EL=578.71  
INV EL=572.99 (W)  
INV EL=572.89 (E)  
INV EL=573.00 (N)
- 30.1 STA. 12+00.00, 13.25' LT  
PR INLET, TYPE B  
TY 11 F&G  
EOP EL=581.16  
INV EL=578.00 (N)  
INV EL=578.25 (S)
- 30.1.1 STA. 12+00.00, 13.25' RT  
PR INLET, TYPE A  
TY 11 F&G  
EOP EL=581.16  
INV EL=578.52
- 31 STA. 10+48.19, 49.94' LT  
PR INLET, TYPE A  
TY 3, F&G  
EOP EL=582.81  
INV EL=580.28
- 31.1 STA. 12+00.00, 57.00' LT  
PR MH, TY A, 5'  
TY 1, F&OLID  
RIM EL=581.38  
INV EL=577.00 (SW)  
INV EL=573.69 (E)  
INV EL=574.50 (S)
- 50 STA. 13+40.00, 13.25' LT  
PR MH, TY A, 4'  
TY 11, F&G  
EOP EL=579.65  
INV EL=574.60 (N)  
INV EL=574.70 (S)  
INV EL=576.70 (W)
- 50.1 STA. 13+30.00, 13.25' LT  
PR INLET, TYPE A  
TY 11 F&G  
EOP EL=579.66  
INV EL=576.90
- 50.1.1 STA. 13+08.58, 35.75' RT  
PR INLET, TYPE B  
TY 11 F&G  
EOP EL=580.40  
INV EL=575.85
- 51 STA. 13+40.00, 13.25' RT  
PR MH, TY A, 4'  
TY 11, F&G  
EOP EL=579.65  
INV EL=575.00 (N)  
INV EL=575.10 (SE)  
INV EL=576.70 (W)
- 51.1 STA. 13+30.00, 13.25' RT  
PR INLET, TYPE A  
TY 11 F&G  
EOP EL=579.66  
INV EL=576.90
- 53 STA. 13+08.58, 35.75' RT  
PR INLET, TYPE B  
TY 11 F&G  
EOP EL=580.40  
INV EL=575.85
- 54 STA. 12+52.61, 31.31' RT  
PR INLET, TYPE B  
TY 11 F&G  
EOP EL=580.78  
INV EL=576.35
- 55 STA. 12+05.08, 22.62' RT  
PR INLET, TYPE B  
TY 11 F&G  
EOP EL=581.27  
INV EL=576.85
- 56 STA. 11+57.46, 20.75' RT  
PR INLET, TYPE A  
TY 11 F&G  
EOP EL=581.81  
INV EL=577.35



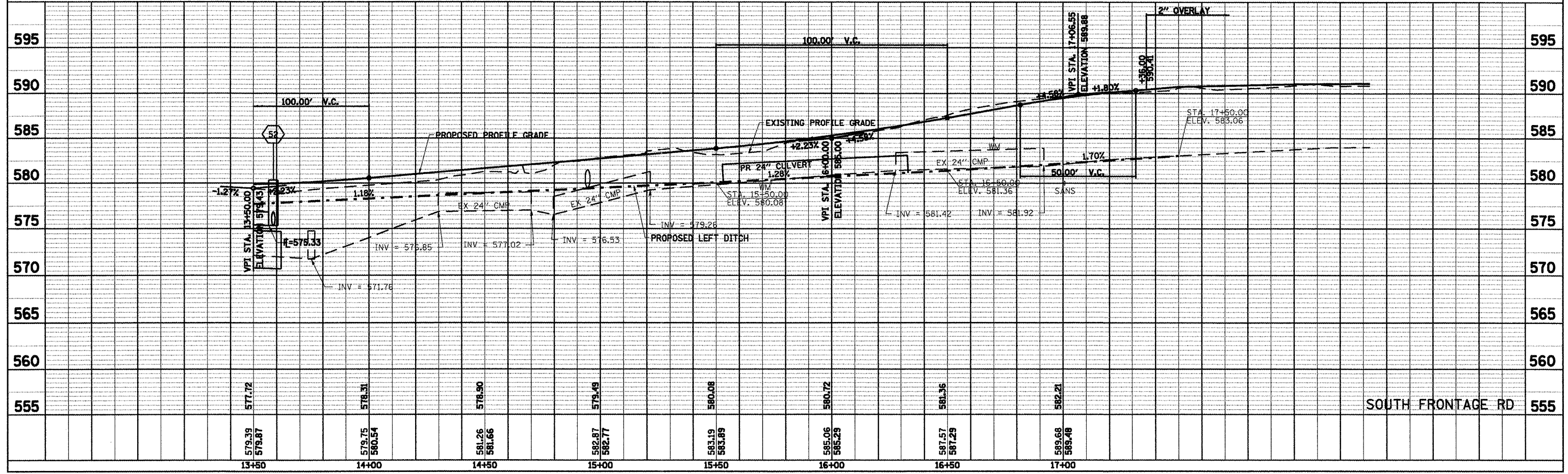
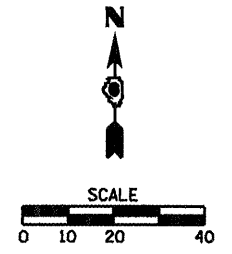


PLAN	SURVEYED	BY	DATE
	ALLOTTED		
	NOTED		
	RT. OF WAY CHECKED		
	NO. 1		
	NO. 2		
	NO. 3		
	NO. 4		
	NO. 5		
	NO. 6		
	NO. 7		
	NO. 8		
	NO. 9		
	NO. 10		

PROFILE	SURVEYED	BY	DATE
	ALLOTTED		
	NOTED		
	STRUCTURE NOTATIONS CORD		
	NO. 1		
	NO. 2		
	NO. 3		
	NO. 4		
	NO. 5		
	NO. 6		
	NO. 7		
	NO. 8		
	NO. 9		
	NO. 10		



F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	133
STA. 13+50.00		TO STA. 17+36.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72088				



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	134
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72088				

**STORM WATER POLLUTION PREVENTION PLAN**

Route: FAI 72, FAP 67, 75, & 668      Marked: CLEAR LAKE AVE, DIRKSEN PKWY, & INTERSTATE 72  
 Section: D-6 SPFLD-CLRLAKE DIRKSEN 2002      Project No.: NA  
 County: SANGAMON      Contract No.: 72088

This plan has been prepared to comply with the provision of the NPDES Permit Number ILR10 \_\_\_\_\_ issued by the Illinois Environmental Protection Agency for storm water discharges from construction site activities.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Regis Z. Dombal  
 (Signature)

2-9-02  
 (Date)

Regis Z Engineer  
 (Title)

Note: The above boxed in area will be filled out by IDOT - Construction after the award of the contract to obtain the required NPDES permit.

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1, XXXX and shall not be reopened until after the winter shutdown period.

**SITE DESCRIPTION**

Description of Construction Activity:

1. The proposed project consists of widening and resurfacing of 1.06 miles of Clear Lake Ave, 0.36 miles of Dirksen Parkway, construction of new roadways for re-aligned Hill Street, North Frontage Rd and South Frontage Rd, in the city of Springfield in Sangamon County
2. Construction consists of grading, constructing culverts / storm sewer system, concrete gutters, widening, bituminous resurfacing, placing bituminous shoulders and other miscellaneous work to complete improvements to the proposed roadways.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

1. Tree removal will be completed to clear approximately 0.25 acres of wooded land, along re-aligned Hill Street.
2. Excavation will be completed along the entire length to grade out for proposed roadway ditches and waterways.
3. Excavation will also be completed in proposed cut sections to lower the existing ground elevation to meet the proposed roadway grade/vertical alignment.
4. Embankment will be completed in fill areas to raise the existing ground elevation to meet the proposed roadway foreslope and backslope.
5. Drainage structures will be installed before and/or during the construction of the excavation and embankment to allow proper drainage across the proposed roadways.
6. Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, riprap ditch checks, sediment basins, temporary seeding, etc.
7. Placement of permanent erosion control, such as riprap ditch lining, riprap stilling basins, riprap dry dams, excelsior blanket, seeding, etc.
8. Final grading, paving and other miscellaneous items.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be 41 acres in which 7.9 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

1. Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
2. Site maps indicating drainage patterns and approximate slopes were contained in the project report. USGS drainage maps, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

1. Sangamon River
2. Sugar Creek
3. Minor Tributaries to Sugar Creek

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STORM WATER POLLUTION PREVENTION PLAN**

DATE: 08/05      DRAWN BY DIST 6      CHECKED BY BWC

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	135
STA. TO STA.				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				

**CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS**

**Description of Stabilization Practices at the Beginning of Construction:**

- The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
  - Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
  - Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
  - As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
  - Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
  - Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
  - At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
- Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
- A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

**Description of Stabilization Practices During Construction:**

- During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
  - Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
  - Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
  - As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
    - Place temporary erosion control systems at locations where water leaves and enters the construction zone
    - Temporary seed highly erodible areas outside the construction slope limits
    - Construct roadside ditches and provide temporary erosion control systems
    - Temporary divert water around proposed culvert locations
    - Build necessary embankment at culvert locations and then excavate and place culvert
    - Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
- The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth grading operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
  - Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in the special provision "Temporary Erosion Control Seeding".

- Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.
- The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that erosion control efforts are in place and effective and if other control work is necessary.
- Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.
- The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

**Description of Structural Practices After Final Grading:**

- Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
- Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

**Maintenance after Construction:**

- Construction is complete after acceptance is received at the final inspection.
- Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
- Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
- Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
- All maintenance will be conducted at times when weather conditions will not cause site damage.

**DOCUMENTATION**

- A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with Section 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
- If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI.G. of the general permit. The report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency  
 Division of Water Pollution Control  
 2200 Churchill Road, P.O. Box 19276  
 Springfield, IL 62794-9276  
 Attn: Compliance Assurance Section

**SHEET 2 OF 8**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STORM WATER POLLUTION PREVENTION PLAN**

DRAWN BY DIST 6  
 CHECKED BY BWC

DATE: 08/05

SWPPLAN

• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	136
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				

**CONTRACTOR CERTIFICATION STATEMENT**

This certification statement is part of the Storm Water Pollution Plan for the project described below in accordance with NPDES Permit No. ILR10 \_\_\_\_\_, issued by the Illinois Environmental Protection Agency on \_\_\_\_\_.

Route: FAI 72, FAP 67, 75, & 668 Marked: CLEAR LAKE AVE, DIRKSEN PKWY, & INTERSTATE 72  
 Section: D-6 SPFLD-CLRLAKE DIRKSEN 2002 Project No.: NA  
 County: SANGAMON Contract No.: 72088

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature \_\_\_\_\_ Date \_\_\_\_\_  
 Title \_\_\_\_\_  
 Name of Firm \_\_\_\_\_  
 Street Address \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_  
 Phone Number \_\_\_\_\_

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.

**SHEET 3 OF 8**

REVISIONS	
NAME	DATE

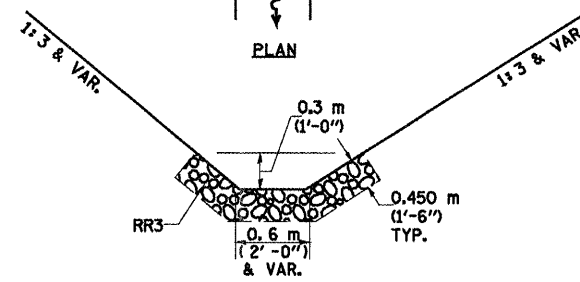
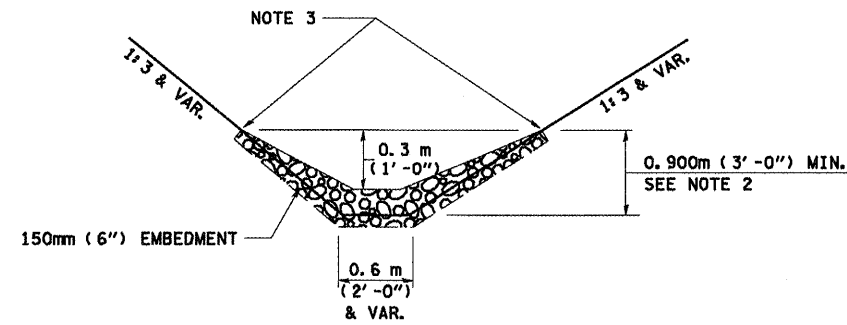
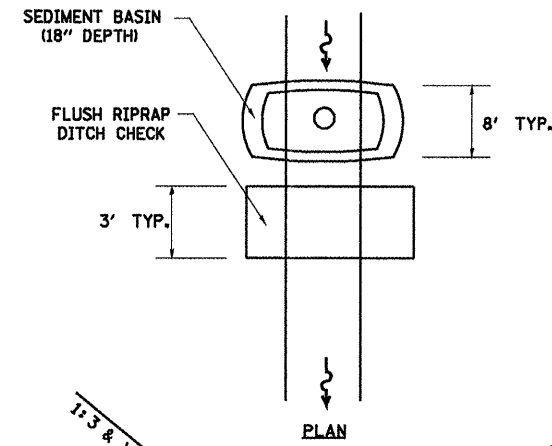
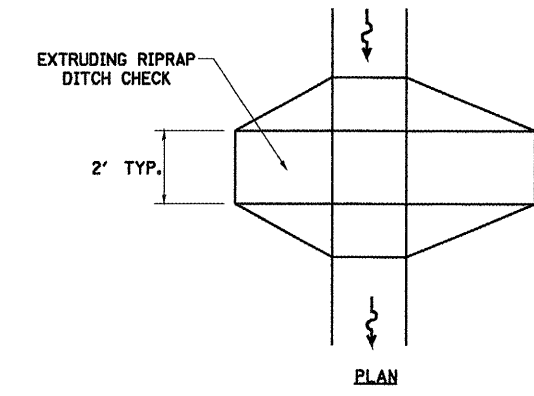
ILLINOIS DEPARTMENT OF TRANSPORTATION

**STORM WATER POLLUTION PREVENTION PLAN**

DATE: 08/05  
 DRAWN BY DIST 6  
 CHECKED BY BWC

SWPLAN

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	00	SANGAMON	363	137
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



**ELEVATION**  
**OPTION 1**  
 (EXTRUDING DITCH CHECK)  
 RECOMMENDED FOR AREAS  
 W/ RIPRAP DITCH LINING

**STONE DUMPED RIPRAP DITCH CHECK**  
 (TYPICAL & OPTIONS 1 & 2  
 AS DIRECTED BY THE ENGINEER)

**ELEVATION**  
**OPTION 2**  
 (FLUSH DITCH CHECK)  
 RECOMMENDED FOR AREAS  
 W/O RIPRAP DITCH LINING

**LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN**

ITEM	SYMBOL
AGGREGATE (EROSION CONTROL) [STONE DUMPED RIPRAP DITCH CHECKS: Height = 0.6m (2') ]	
TEMPORARY DITCH CHECKS	
INLET PIPE PROTECTION (I&PP)	
PERIMETER EROSION BARRIER	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	
DIRECTION OF OVERLAND FLOW	

**GENERAL NOTES:**  
 All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.  
 The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.  
 THE CONTRACTOR SHALL INSTALL DITCH CHECKS AS DIRECTED BY THE ENGINEER. IF THE ENGINEER ELECTS TO UTILIZE FLUSH RIPRAP DITCH CHECKS IN LIEU OF TEMPORARY DITCH CHECKS AS SHOWN ON THE FOLLOWING PLAN SHEETS, THE SPACING SHOULD BE DOUBLED.

NOTE 1: BALES SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE BALES.

NOTE 2: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 0.3m (1') OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.

NOTE 3: ENDS SHALL BE TIED INTO SLOPES.

REVISIONS	
NAME	DATE

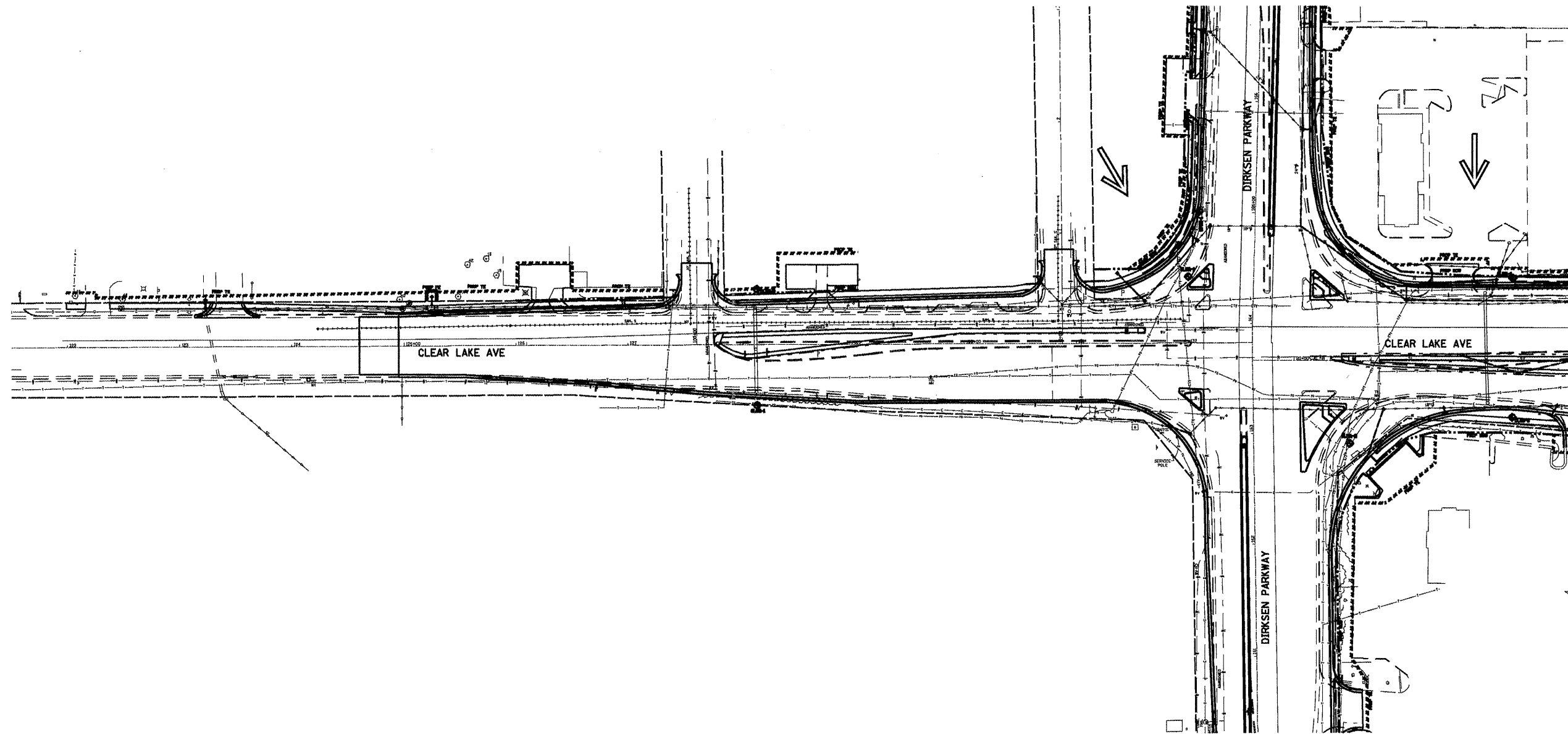
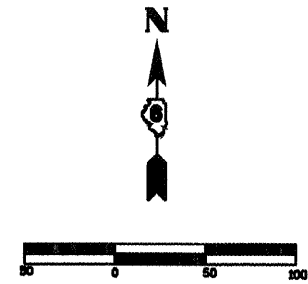
ILLINOIS DEPARTMENT OF TRANSPORTATION

**STORM WATER POLLUTION PREVENTION PLAN**

DATE: 08/05  
 DRAWN BY DIST 6  
 CHECKED BY BWC

• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	**	SANGAMON	363	139
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



NOTE 1: PROVIDE INLET AND PIPE PROTECTION AT ALL DRAINAGE STRUCTURES.

**SHEET 5 OF 8**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

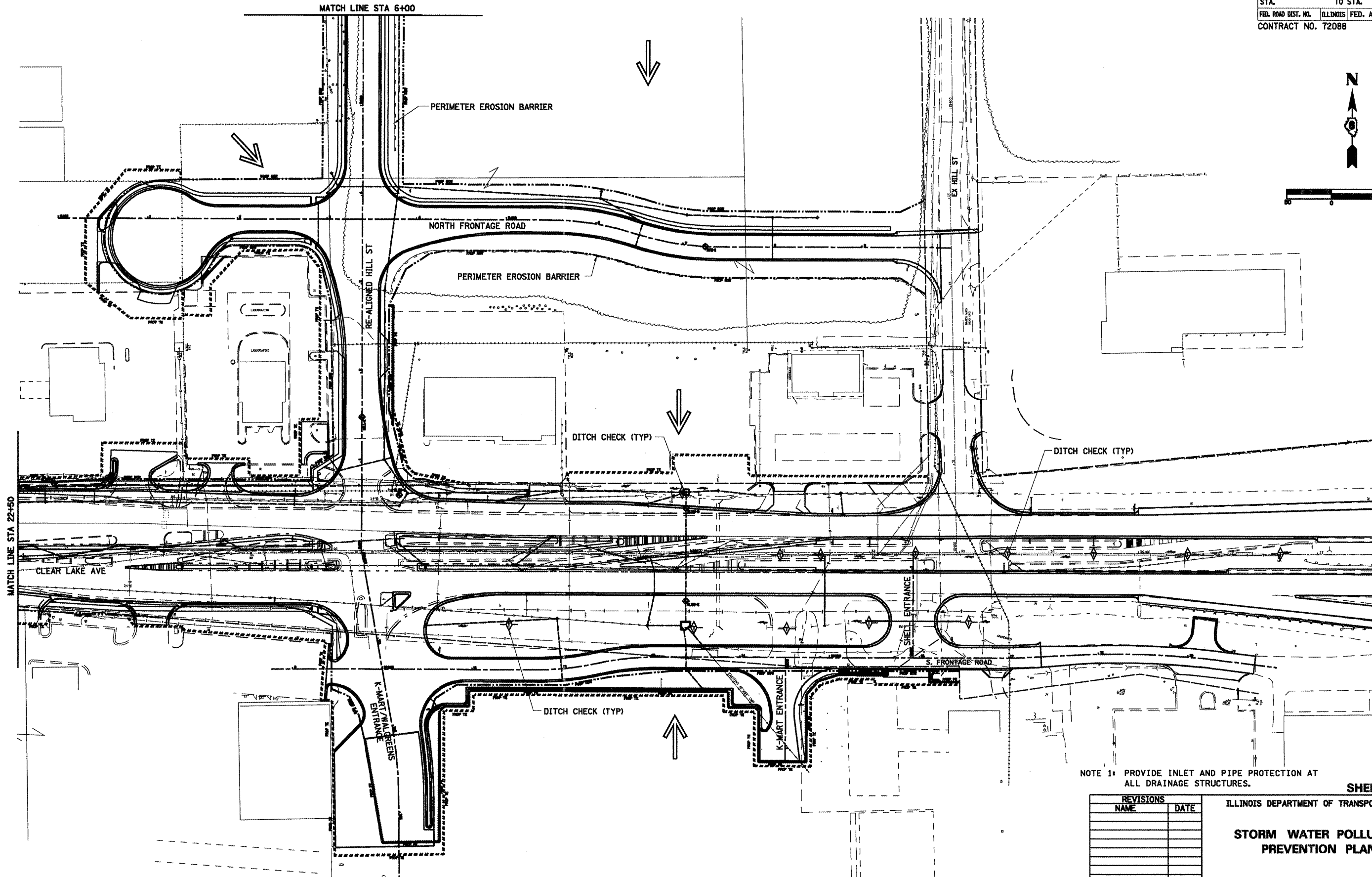
**STORM WATER POLLUTION PREVENTION PLAN**

SCALE:  
DATE: 08/05

DRAWN BY: NJV  
CHECKED BY: SJK

F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	SANGAMON	363	139
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



NOTE 1: PROVIDE INLET AND PIPE PROTECTION AT ALL DRAINAGE STRUCTURES.

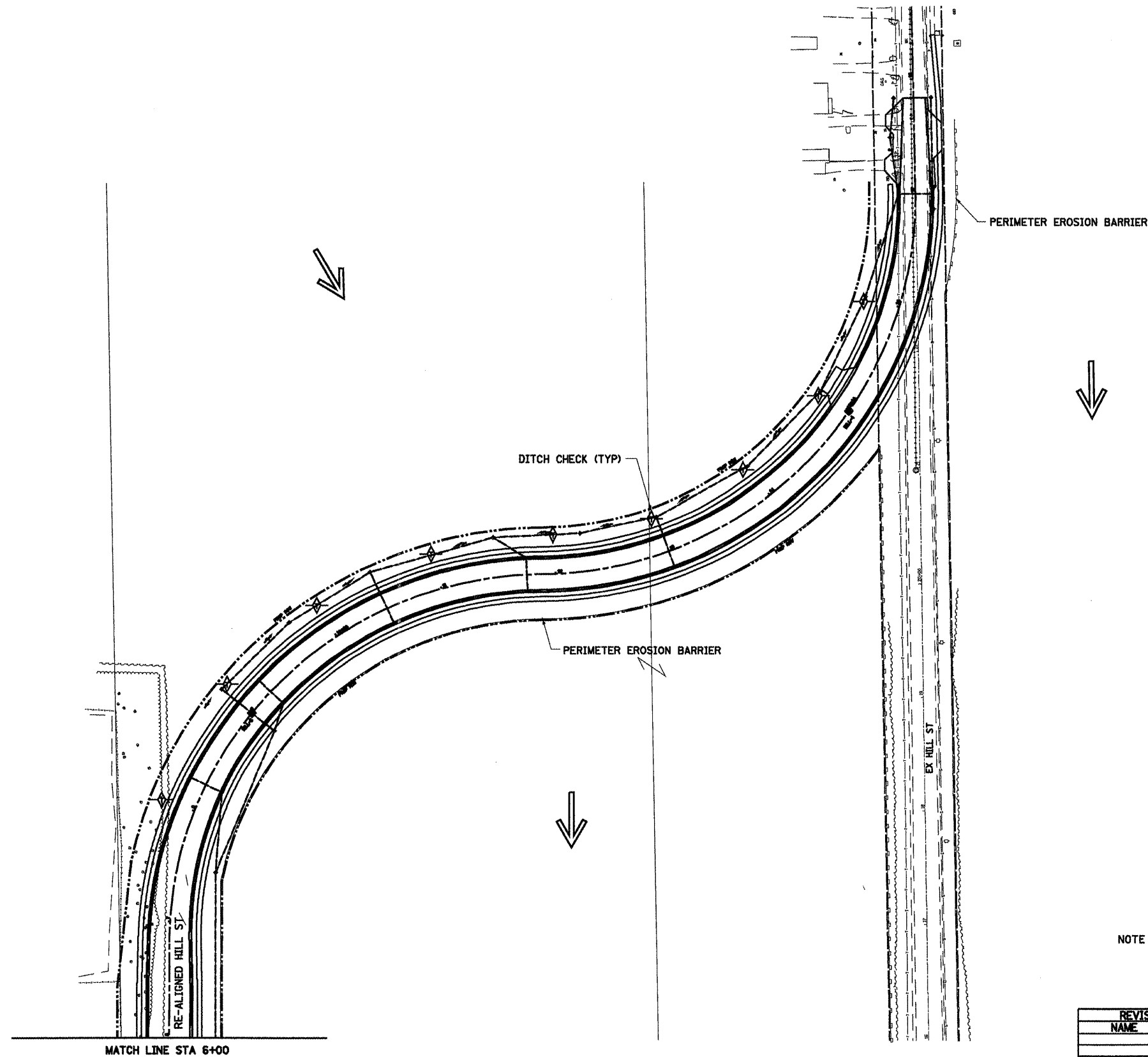
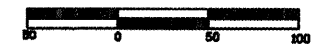
SHEET 6 OF 8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STORM WATER POLLUTION PREVENTION PLAN**  
 SCALE: DATE: 08/05  
 DRAWN BY NJV  
 CHECKED BY SJK

F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	140
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



NOTE 1: PROVIDE INLET AND PIPE PROTECTION AT ALL DRAINAGE STRUCTURES.

SHEET 7 OF 8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STORM WATER POLLUTION PREVENTION PLAN**

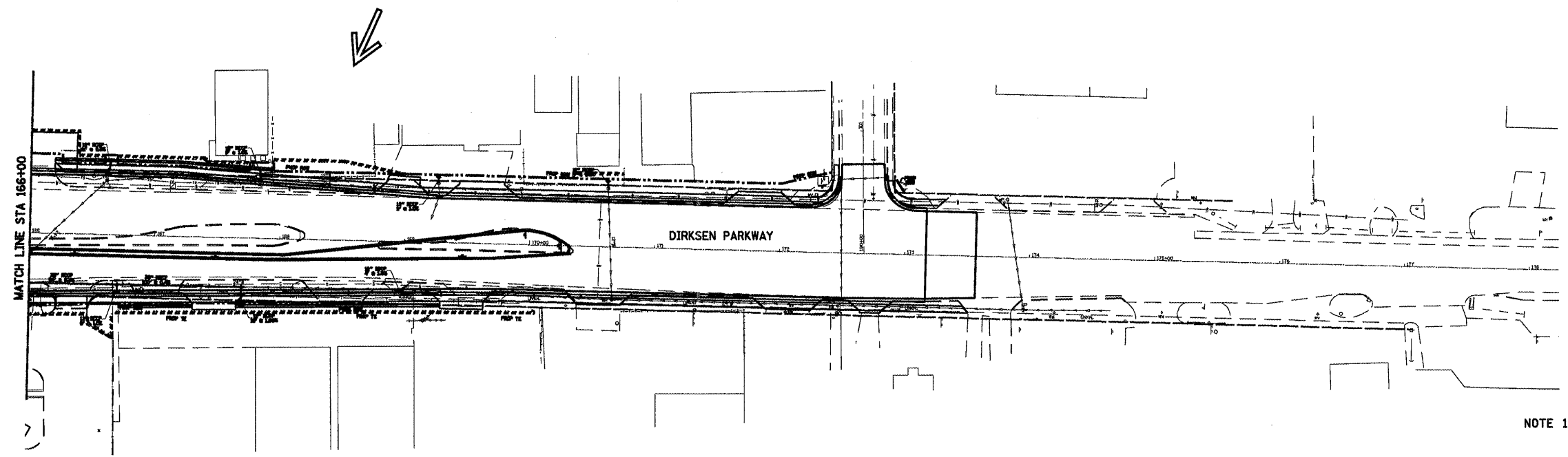
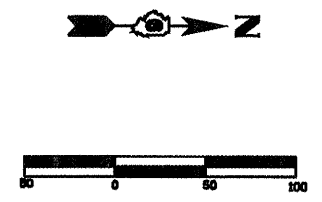
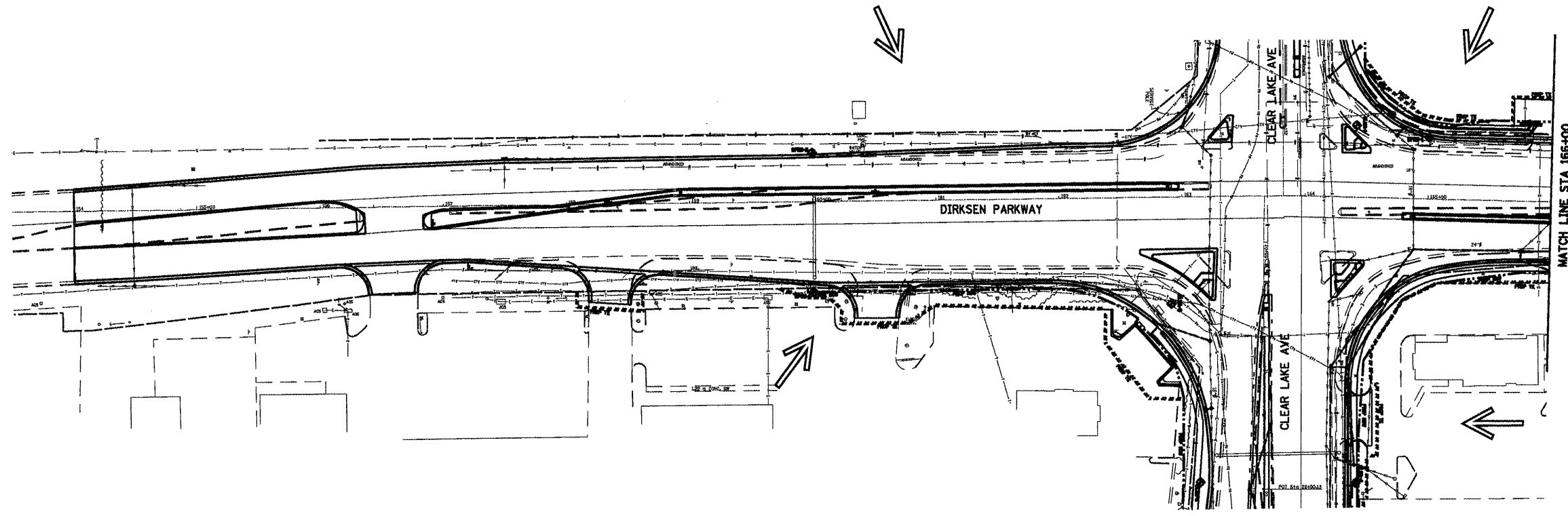
SCALE:  
DATE: 08/05

DRAWN BY NJV  
CHECKED BY SJK



• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 •• D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	141
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



NOTE 1: PROVIDE INLET AND PIPE PROTECTION AT ALL DRAINAGE STRUCTURES.

SHEET 8 OF 8

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**STORM WATER POLLUTION PREVENTION PLAN**

SCALE:  
DATE: 08/05

DRAWN BY NJV  
CHECKED BY SJK

LOCATION	THERMOPLASTIC PAVEMENT MARKING									PERFORMED PAVEMENT MARKING, TYPE B							URETHANE PAVEMENT MARKING				PAINT PAVEMENT MARKING	RAISED REFLECTIVE PAVEMENT MARKERS			PRISMATIC CURB REFLECTORS	
	YELLOW 5"	WHITE 5"	DOUBLE YELLOW 5"	WHITE 6"	SKIP-DASH WHITE 6"	SKIP-DASH YELLOW 6"	WHITE 8"	YELLOW 12"	WHITE 12"	SKIP-DASH WHITE 5"	WHITE 6"	SKIP-DASH WHITE 6"	WHITE 8"	WHITE 12"	WHITE 24"	LETTERS & SYMBOLS	YELLOW 5"	WHITE 5"	SKIP-DASH WHITE 5"	SKIP-DASH WHITE 6"	YELLOW 5"	ONE WAY CRYSTAL	ONE WAY AMBER	TWO WAY AMBER	ONE WAY CRYSTAL	ONE WAY AMBER
STATION TO STATION	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	SO FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH	
FAP 67 CLEAR LAKE AVE.																										
LT 127+76 TO LT 131+62	775																									
LT 20+42 TO LT 26+00	560																									
RT 20+42 TO RT 26+00	559																									
RT 23+71 TO RT 26+07		470																								
LT 26+95 TO LT 37+00	1005																									
RT 26+95 TO RT 36+00	905																									
LT 35+00 TO LT 41+53																										
LT 26+69 TO LT 30+17		696																								
RT 35+00 TO RT 38+20																										
RT 38+23 TO RT 46+23																										
LT 41+59 TO LT 46+31																										
LT 46+40 TO LT 49+93																										
RT 46+28 TO RT 49+93																										
LT 124+60 TO LT 127+38			558																							
RT 124+60 TO LT 127+38			554																							
LT 124+60 TO LT 131+66										180																
RT 124+60 TO RT 131+93										190																
LT 131+62 TO LT 131+85	49																									
RT 20+33 TO LT 20+42	22																									
LT 20+50 TO LT 25+78																										
RT 20+50 TO RT 25+50										140																
LT 26+00 TO LT 26+04	11									130																
LT 26+65 TO LT 26+71	35																									
RT 26+76 TO RT 26+95	41																									
LT 26+88 TO LT 48+60										543																
RT 26+88 TO RT 48+50										541																
RT 125+14 TO RT 126+10																										
RT 127+05 TO RT 129+05																										
LT MAGNOLIA CROSSWALK																										
RT 128+06 TO RT 129+96												89														
RT 129+05 TO RT 131+59				254																						
RT 129+96 TO RT 132+05				418																						
LT COLBY AVE. CROSSWALK																										
RT 132+16 TO LT 19+95																										
RT 132+30 TO LT 20+20																										
RT 20+25 TO LT 20+25																										
RT 20+32 TO LT 20+32																										
RT 20+33 TO RT 20+66																										
RT 20+38 TO RT 20+72																										
RT 20+56 TO RT 21+42																										
LT 20+76 TO LT 24+75				399																						
LT 20+37 TO LT 24+02				730																						
RT 21+99 TO RT 23+31																										
RT 22+29 TO RT 23+71																										
RT 23+31 TO RT 25+74				243																						
LT 24+02 TO LT 25+51																										
LT 24+75 TO LT 25+35																										
LT 25+35 TO LT 25+78				43																						
LT 25+78 TO RT 25+78																										
LT 25+84 TO RT 25+84																										
LT 26+75 TO LT 29+20				245																						
LT 29+20 TO LT 31+36																										
LT 30+17 TO LT 31+58																										
RT 35+05 TO RT 36+75																										
LT 35+16 TO LT 40+50																										
LT 47+10 TO LT 48+60																										
RT 126+10 TO RT 127+40																										
RT 131+59 TO RT 132+15																										
LT 131+74 TO LT 132+22																										
RT 20+06 TO RT 20+62																										
LT 20+10 TO LT 20+76																										
RT 36+75 TO RT 38+23																										
LT 40+50 TO LT 41+59																										
LT 46+31 TO LT 47+10																										
RT 46+23 TO RT 48+46																										
RT 126+10 TO RT 127+40																										
LT 126+10 TO LT 127+38																										
FAP 67 SUB-TOTALS	3962	1166	1112	2332	0	0	1086	13	30	1724	645	630	1121	0	0	0	0	2969	0	0	0	0	0	0	0	

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING SCHEDULE**  
 DRAWN BY MLO  
 DATE 08/05  
 CHECKED BY SJK

LOCATION	THERMOPLASTIC PAVEMENT MARKING									PERFORMED PAVEMENT MARKING, TYPE B							URETHANE PAVEMENT MARKING				PAINT PAVEMENT MARKING	RAISED REFLECTIVE PAVEMENT MARKERS			PRISMATIC CURB REFLECTORS		
	YELLOW 5"	WHITE 5"	DOUBLE YELLOW 5"	WHITE 6"	SKIP-DASH WHITE 6"	SKIP-DASH YELLOW 6"	WHITE 8"	YELLOW 12"	WHITE 12"	SKIP-DASH WHITE 5"	WHITE 6"	SKIP-DASH WHITE 6"	WHITE 8"	WHITE 12"	WHITE 24"	LETTERS & SYMBOLS	YELLOW 5"	WHITE 5"	SKIP-DASH WHITE 5"	SKIP-DASH WHITE 6"	YELLOW 5"	ONE WAY CRYSTAL	ONE WAY AMBER	TWO WAY AMBER	ONE WAY CRYSTAL	ONE WAY AMBER	
STATION TO STATION	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	SQ FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH	
FAP 67 CLEAR LAKE AVE. (CON'T)																											
LT 131+62 TO LT 131+85								19																			
RT 131+59 TO RT 132+15									53																		
LT 20+10 TO LT 20+76									62																		
Q 20+33 TO Q 20+42								11																			
LT 26+00 TO LT 26+04								3																			
LT 26+65 TO LT 26+70									28																		
RT 26+76 TO RT 26+94																											
RT 36+75 TO RT 38+23								22																			
LT 46+31 TO LT 47+10														58													
Q 126+10																8.8											
Q 127+16																8.8											
RT 129+05																8.8											
RT 129+90																8.8											
RT 130+00																17.6											
RT 130+78																8.8											
RT 130+86																17.6											
LT 131+59																8.8											
RT 131+59																8.8											
RT 131+79																8.8											
LT 20+63																17.6											
LT 20+72																8.8											
LT 21+67																17.6											
LT 21+80																8.8											
LT 22+84																17.6											
LT 23+10																8.8											
RT 23+33																8.8											
RT 23+65																8.8											
RT 23+77																8.8											
LT 23+94																17.6											
RT 24+46																8.8											
RT 24+74																8.8											
RT 25+03																8.8											
RT 25+51																8.8											
RT 25+60																8.8											
LT 26+97																8.8											
RT 27+11																8.8											
LT 27+99																8.8											
RT 28+21																8.8											
RT 29+07																8.8											
LT 29+20																8.8											
LT 30+21																8.8											
LT MAGNOLIA STREET			50												15												
LT COLBY AVE.			50												17												
LT 131+85																12											
RT 131+87																18											
RT 132+05																38											
LT 20+37																48											
LT 20+50																18											
RT 25+74																50											
LT 26+75																52											
RT 26+76																15											
RT 124+60 TO LT 126+10																							14				
LT 126+10 TO LT 127+38																								8			
LT 124+95 TO LT 131+85																						9					
RT 124+95 TO RT 132+05																						9					
RT 126+10 TO RT 127+40																						7					
RT 127+76 TO LT 131+85																								2		21	
RT 129+05 TO RT 132+15																						12					
RT 129+96 TO RT 132+05																						12					
LT 20+10 TO LT 25+15																						44					
RT 20+37 TO LT 26+04																								4		26	
RT 20+33 TO RT 25+74																						6					
RT 23+31 TO RT 25+74																						7					
RT 23+71 TO RT 26+12																						5			8		
RT 26+68 TO RT 27+06																						2					
LT 26+65 TO LT 30+17																						5			14		
RT 26+76 TO LT 31+58																							2			22	
FAP 67 SUB-TOTALS	0	0	100	0	0	0	0	55	143	0	0	0	0	128	283	334.4	0	0	0	0	0	118	20	10	22	69	

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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	PAVEMENT MARKING SCHEDULE	
		DRAWN BY MLO	
		CHECKED BY SJK	
		DATE 08/05	



LOCATION	THERMOPLASTIC PAVEMENT MARKING								PERFORMED PAVEMENT MARKING, TYPE B								URETHANE PAVEMENT MARKING				PAINT PAVEMENT MARKING	RAISED REFLECTIVE PAVEMENT MARKERS			PRISMATIC CURB REFLECTORS			
	YELLOW 5"	WHITE 5"	DOUBLE YELLOW 5"	WHITE 6"	SKIP-DASH WHITE 6"	SKIP-DASH YELLOW 6"	WHITE 8"	YELLOW 12"	WHITE 12"	SKIP-DASH WHITE 5"	WHITE 6"	SKIP-DASH WHITE 6"	WHITE 8"	WHITE 12"	WHITE 24"	LETTERS & SYMBOLS	YELLOW 5"	WHITE 5"	SKIP-DASH WHITE 5"	SKIP-DASH WHITE 6"	YELLOW 5"	ONE WAY CRYSTAL	ONE WAY AMBER	TWO WAY AMBER	ONE WAY CRYSTAL	ONE WAY AMBER		
STATION TO STATION	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	SQ FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH		
<b>K-MART ENTRANCE</b>																												
¢ 0+47 TO ¢ 1+17			145																									
LT 0+45															18													
RT 0+64 TO RT 1+17					14																							
<b>EXISTING HILL ST.</b>																												
LT 10+60															34													
<b>NORTH FRONTAGE ROAD</b>																												
¢ 1+00 TO ¢ 2+77			200																									
¢ 3+91 TO ¢ 9+57			1133																									
LT 2+80 TO RT 2+80											34																	
LT 2+88 TO RT 2+88											42																	
RT 2+77															18													
LT 3+91															15													
RT 9+57															18													
<b>SOUTH FRONTAGE ROAD</b>																												
¢ 10+53 TO ¢ 15+55			1004																									
¢ 16+27 TO ¢ 19+75			696																									
RT 9+42															12													
LT 10+53															12													
RT 15+55															12													
LT 16+27															18													
<b>SHELL ENTRANCE</b>																												
¢ 0+12 TO ¢ 0+59			94																									
RT 0+59															28													
<b>FBI ROUTE 72</b>																												
LT 49+93 TO LT 53+72																												
RT 49+93 TO RT 53+47																												
LT 49+93 TO LT 70+81																												
RT 49+43 TO RT 70+81																												
RT 53+56 TO RT 58+47																												
LT 53+76 TO LT 61+98																												
RT 58+52 TO RT 70+81																												
LT 61+99 TO LT 70+81																												
LT 51+35 TO LT 70+81											490																	
RT 51+20 TO RT 70+81											490																	
RT 63+13 TO RT 70+81											200																	
RT 51+20 TO RT 52+88																												
LT 63+65 TO LT 65+17																												
LT 51+35 TO LT 53+76																												
RT 52+88 TO RT 53+56																												
RT 58+47 TO RT 63+14																												
LT 61+98 TO LT 63+65																												
RT 52+88 TO RT 53+56																												
LT 61+98 TO LT 63+65																												
LT 51+35 TO LT 53+76																												
LT 51+55 TO LT 70+81																												
RT 51+50 TO RT 70+81																												
RT 51+90 TO RT 53+47																												
RT 52+88 TO RT 53+56																												
RT 58+25 TO RT 63+14																												
LT 61+98 TO LT 63+65																												
LT 61+99 TO LT 65+17																												
RT 63+14 TO RT 70+81																												
LT 48+60 TO LT 51+30																												
RT 48+50 TO RT 51+20																												
LT 48+60 TO LT 51+35																												
RT 48+45 TO RT 51+20																												
<b>FAP 75 DIRKSEN PKWY</b>																												
RT 154+00 TO LT 156+36	239																											
RT 154+00 TO RT 156+36	236																											
RT 156+84 TO LT 162+98	1232																											
<b>FAP 67 SUB-TOTALS</b>	0	0	3272	0	14	0	0	0	0	0	76	0	0	185	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>FAP 72 SUB-TOTALS</b>	0	0	0	0	0	0	0	0	0	1180	0	80	1893	196	0	0	4176	4171	136	140	0	148	0	0	0	0		
<b>FAP 75 SUB-TOTALS</b>	1707	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING SCHEDULE**  
 DRAWN BY MLO  
 CHECKED BY SJK  
 DATE 08/05

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 \*DATE\*

LOCATION	THERMOPLASTIC PAVEMENT MARKING									PREFORMED PAVEMENT MARKING, TYPE B							URETHANE PAVEMENT MARKING				PAINT PAVEMENT MARKING	RAISED REFLECTIVE PAVEMENT MARKERS			PRISMATIC CURB REFLECTORS				
	YELLOW 5"	WHITE 5"	DOUBLE YELLOW 5"	WHITE 6"	SKIP-DASH WHITE 6"	SKIP-DASH YELLOW 6"	WHITE 8"	YELLOW 12"	WHITE 12"	SKIP-DASH WHITE 5"	WHITE 6"	SKIP-DASH WHITE 6"	WHITE 8"	WHITE 12"	WHITE 24"	LETTERS & SYMBOLS	SO FT	YELLOW 5"	WHITE 5"	SKIP-DASH WHITE 5"	SKIP-DASH WHITE 6"	YELLOW 5"	ONE WAY CRYSTAL EACH	ONE WAY AMBER EACH	TWO WAY AMBER EACH	ONE WAY CRYSTAL EACH	ONE WAY AMBER EACH		
FAP 75 DIRKSEN PKWY (CON'T)																													
STATION TO STATION	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT
RT 162+50 TO RT 162+85																													
LT 154+00 TO LT 163+00										230																			
RT 154+00 TO RT 163+00										230																			
LT 162+98 TO LT 163+09	24																												
LT 156+84 TO LT 157+89				105																									
LT 157+89 TO LT 158+88																													
RT 156+93 TO RT 158+83																													
RT 157+20 TO RT 160+17																													
RT 158+83 TO RT 163+25				884																									
RT 160+17 TO RT 162+21				204																									
RT 160+17 TO RT 162+88				278																									
RT 163+25 TO LT 164+10																													
RT 163+46 TO RT 164+50																													
LT 162+97 TO LT 163+09								8																					
RT 162+21 TO RT 163+32									44																				
LT 157+01																													
LT 157+88																													
RT 158+89																													
RT 159+67																													
RT 160+20																													
RT 160+49																													
RT 161+30																													
RT 162+15																													
RT 162+70																													
RT 162+80																													
RT 162+90																													
RT 162+76																													
LT 163+09 TO RT 163+09																													
RT 163+25																													
LT 154+00 TO LT 162+40																													
RT 154+00 TO LT 156+33																													
RT 154+00 TO RT 163+25																													
RT 157+00 TO LT 163+09																													
RT 158+83 TO RT 163+25																													
RT 160+17 TO RT 163+32																													
FAP 668 DIRKSEN PKWY																													
RT 164+79 TO LT 170+32	557																												
RT 164+79 TO RT 170+32	553																												
RT 164+56 TO RT 164+79	49																												
LT 164+63 TO LT 173+57																													
RT 164+63 TO RT 173+57										230																			
RT 169+96 TO LT 172+22			846							230																			
LT 173+17 TO LT 173+57	40																												
RT 173+17 TO RT 173+57	40																												
LT 173+06 TO RT 173+71	151																												
LT 164+37 TO RT 164+37																													
LT 164+45 TO RT 164+45																													
RT 164+41 TO RT 164+61																													
RT 164+46 TO RT 164+67																													
LT 164+42 TO LT 164+59																													
LT 164+48 TO LT 164+65																													
LT 164+82 TO LT 167+17				235																									
LT 164+50 TO LT 168+04				354																									
LT 164+50 TO LT 168+04				354																									
LT 167+17 TO LT 169+18																													
LT 168+04 TO LT 169+96																													
RT 169+70 TO RT 171+02																													
RT 171+02 TO RT 172+22																													
LT 164+26 TO LT 164+82																													
RT 164+56 TO RT 164+80								19	41																				
LT 169+96 TO LT 172+22								174																					
LT 173+06 TO LT 173+71								66																					
LT 164+76 TO RT 164+76																													
LT 164+80																													
LT 165+58 TO RT 165+58																													
FAP 75 SUB TOTALS	24	0	0	1471	0	0	0	8	44	460	0	216	0	0	86	193.6	0	0	0	0	135	72	2	1	0	44			
FAP 668 SUB TOTALS	1390	0	846	1063	0																								

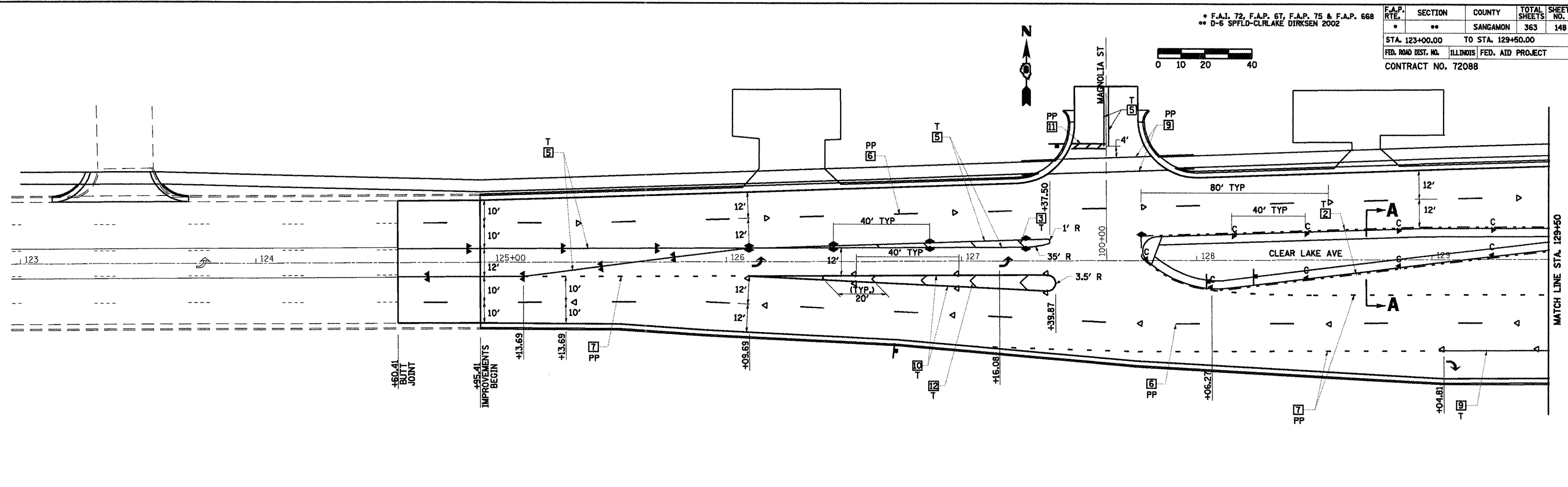
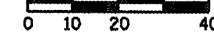
LOCATION	THERMOPLASTIC PAVEMENT MARKING									PERFORMED PAVEMENT MARKING, TYPE B							URETHANE PAVEMENT MARKING				PAINT PAVEMENT MARKING	RAISED REFLECTIVE PAVEMENT MARKERS			PRISMATIC CURB REFLECTORS	
	YELLOW 5"	WHITE 5"	DOUBLE YELLOW 5"	WHITE 6"	SKIP-DASH WHITE 6"	SKIP-DASH YELLOW 6"	WHITE 8"	YELLOW 12"	WHITE 12"	SKIP-DASH WHITE 5"	WHITE 6"	SKIP-DASH WHITE 6"	WHITE 8"	WHITE 12"	WHITE 24"	LETTERS & SYMBOLS	YELLOW 5"	WHITE 5"	SKIP-DASH WHITE 5"	SKIP-DASH WHITE 6"	YELLOW 5"	ONE WAY CRYSTAL	ONE WAY AMBER	TWO WAY AMBER	ONE WAY CRYSTAL	ONE WAY AMBER
STATION TO STATION	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	SQ FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH
FAP 668 DIRKSEN PKWY (CON'T)																										
LT 166+10																8.8										
LT 166+37 TO RT 166+37																17.6										
LT 167+17																8.8										
LT 167+19 TO RT 167+19																17.6										
LT 167+87 TO RT 167+87																17.6										
RT 171+02																8.8										
RT 171+93																8.8										
LT 164+50															36											
RT 164+56															12											
LT 164+69															18											
LT 164+25 TO LT 167+17																						12				
LT 164+50 TO LT 168+04																						20				
LT 164+50 TO LT 173+57																						12				
RT 164+56 TO LT 172+22																							4		11	
RT 165+20 TO RT 173+57																						11				26
RT 171+02 TO RT 172+22																						4				
LT 173+17 TO RT 173+57																								4		
LINDEN AVE																										
LT 100+40 TO RT 100+40															56											
LT 100+45 TO RT 100+45															45											
LT 100+50															19											
± 100+50 TO ± 100+70			40																							
FAP 668 SUB TOTALS	0	0	40	0	0	0	0	0	0	0	101	0	0	0	85	88.0	0	0	0	0	0	59	4	15	0	26
FAP 67 TOTALS	3962	1524	9130	2985	88	16	1515	204	453	1724	1022	630	1121	128	589	545.4	2686	2969	0	0	0	237	20	10	22	94
FAP 72 TOTALS	0	0	0	0	0	0	0	0	0	1180	0	80	1893	196	0	0	4176	4171	136	140	0	148	0	0	0	0
FAP 75 TOTALS	1731	0	0	1471	0	0	0	8	44	460	0	216	0	0	86	193.6	0	0	0	0	135	72	2	1	0	44
FAP 668 TOTALS	1390	0	886	1063	0	0	0	259	41	460	381	132	0	0	85	132.0	0	0	0	0	0	59	4	15	0	26
TOTALS	7083	1524	10016	5519	88	16	1515	471	538	3824	1403	1058	3014	324	760	871.0	6862	7140	136	140	135	516	26	26	22	164
GRAND TOTALS		18623			5623		1515		1009	3824	2461	3014	324	760	871.0		14138		140	135		568			186	

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	PAVEMENT MARKING SCHEDULE	
		DRAWN BY MLO	
		CHECKED BY SJK	
		DATE 08/05	

c:\pw\_work\p\WIDOT\LAUGHLINRL\p0183446\pavement\MarkingSched.dgn

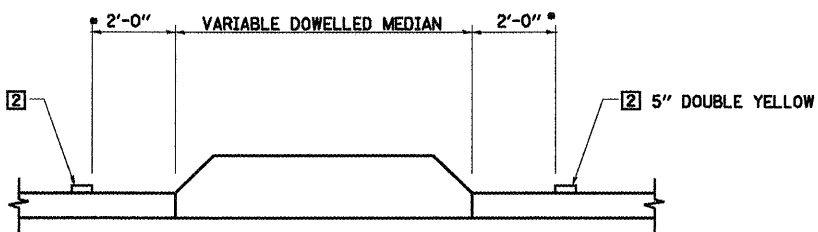
F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	SANGAMON	363	148
STA. 123+00.00		TO STA. 129+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



**LEGEND**

- RAISED REFL PAVT MKR AMBER BIDIRECTIONAL
- RAISED REFL PAVT MKR AMBER MONODIRECTIONAL
- RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL
- PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL
- PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL
- PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL
- EXISTING PAVEMENT MARKING
- ITEM [4] DOUBLE YELLOW (NARROW)
- ITEM [5] DOUBLE YELLOW (WIDE)



**SECTION A-A**

TYPICAL PAVEMENT MARKING AT DOWELLED MEDIAN

\* STA. 127+61.61 TO DIRKSEN PARKWAY (6" FROM STRIPE TO FACE MEDIAN)  
 DIRKSEN PARKWAY TO STA. 30+50 (2'-0" FROM STRIPE TO FACE MEDIAN)

**TYPICAL PAVEMENT MARKING LEGEND**

- [1] 5" SKIP-DASH YELLOW
- [2] 5" SOLID YELLOW
- [3] 12" DIAGONAL YELLOW
- [4] 5" DOUBLE YELLOW NARROW
- [5] 5" DOUBLE YELLOW WIDE
- [6] 5" SKIP-DASH WHITE
- [7] 6" SKIP-DASH WHITE
- [8] 5" SOLID WHITE
- [9] 6" SOLID WHITE
- [10] 8" SOLID WHITE
- [11] 24" STOP BAR WHITE
- [12] 12" DIAGONAL WHITE
- U - URETHANE
- PP - PREFORMED PLASTIC, TYPE B
- T - THERMOPLASTIC
- P - PAINT
- ALL TRAFFIC ARROWS ARE "PP"

SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS.

**SHEET 7 OF 19**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING PLAN  
 CLEAR LAKE AVENUE**

SCALE: VERT.     
 HORIZ.     
 DATE 08/08

DRAWN BY MLO  
 CHECKED BY SJK



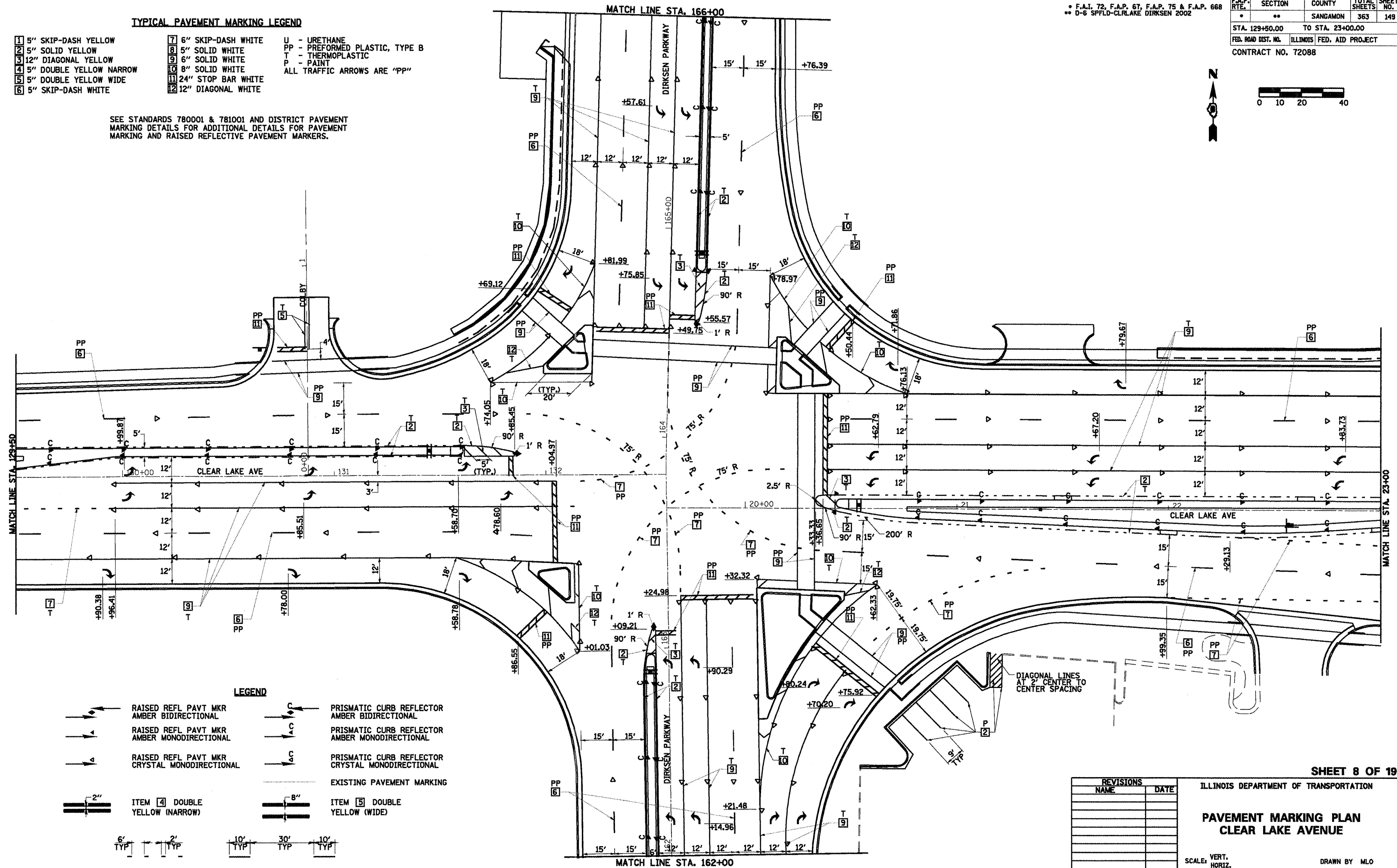
**TYPICAL PAVEMENT MARKING LEGEND**

- |                           |                       |                                |
|---------------------------|-----------------------|--------------------------------|
| 1 5" SKIP-DASH YELLOW     | 7 6" SKIP-DASH WHITE  | U - URETHANE                   |
| 2 5" SOLID YELLOW         | 8 5" SOLID WHITE      | PP - PREFORMED PLASTIC, TYPE B |
| 3 12" DIAGONAL YELLOW     | 9 6" SOLID WHITE      | T - THERMOPLASTIC              |
| 4 5" DOUBLE YELLOW NARROW | 10 8" SOLID WHITE     | P - PAINT                      |
| 5 5" DOUBLE YELLOW WIDE   | 11 24" STOP BAR WHITE | ALL TRAFFIC ARROWS ARE "PP"    |
| 6 5" SKIP-DASH WHITE      | 12 12" DIAGONAL WHITE |                                |

SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS.

F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	SANGAMON	363	149
STA. 129+50.00		TO STA. 23+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72088				



**LEGEND**

- |  |  |  |  |
|--|--|--|--|
|  | RAISED REFL PAVT MKR AMBER BIDIRECTIONAL     |  | PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL     |
|  | RAISED REFL PAVT MKR AMBER MONODIRECTIONAL   |  | PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL   |
|  | RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL |  | PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL |
|  | EXISTING PAVEMENT MARKING                    |  | ITEM 4 DOUBLE YELLOW (NARROW)                    |
|  | ITEM 5 DOUBLE YELLOW (WIDE)                  |  | ITEM 3 DOUBLE YELLOW (NARROW)                    |

DIAGONAL LINES AT 2" CENTER TO CENTER SPACING

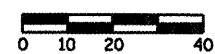
SHEET 8 OF 19

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**  
**CLEAR LAKE AVENUE**

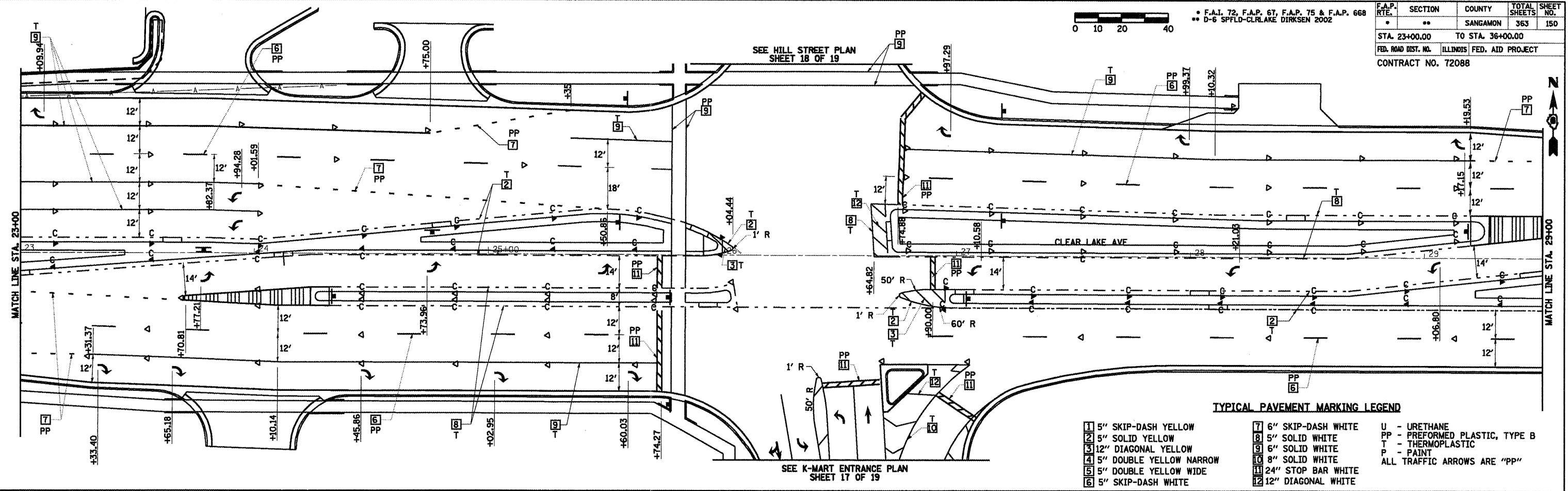
SCALE: VERT. 1"=10'  
 HORIZ. 1"=40'  
 DATE 08/05

DRAWN BY MLO  
 CHECKED BY SJK



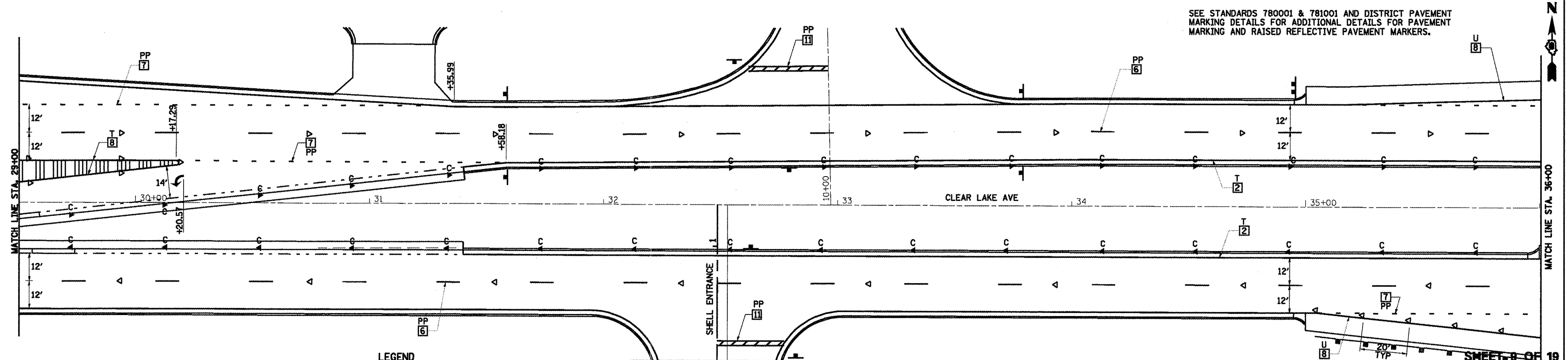
F.A.I. 72, F.A.P. 6T, F.A.P. 75 & F.A.P. 668  
 D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	SANGAMON	363	150
STA. 23+00.00		TO STA. 36+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				



**TYPICAL PAVEMENT MARKING LEGEND**

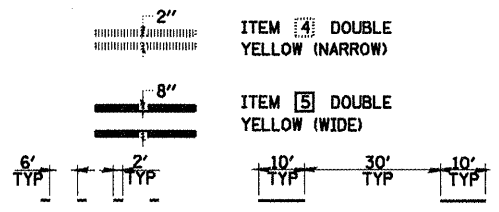
1 5" SKIP-DASH YELLOW	7 6" SKIP-DASH WHITE	U - URETHANE
2 5" SOLID YELLOW	8 5" SOLID WHITE	PP - PREFORMED PLASTIC, TYPE B
3 12" DIAGONAL YELLOW	9 6" SOLID WHITE	T - THERMOPLASTIC
4 5" DOUBLE YELLOW NARROW	10 8" SOLID WHITE	P - PAINT
5 5" DOUBLE YELLOW WIDE	11 24" STOP BAR WHITE	ALL TRAFFIC ARROWS ARE "PP"
6 5" SKIP-DASH WHITE	12 12" DIAGONAL WHITE	



SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS.

**LEGEND**

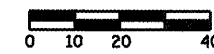
	RAISED REFL PAVT MKR AMBER BIDIRECTIONAL		PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL
	RAISED REFL PAVT MKR AMBER MONODIRECTIONAL		PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL
	RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL		PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL
	EXISTING PAVEMENT MARKING		



**REVISIONS**

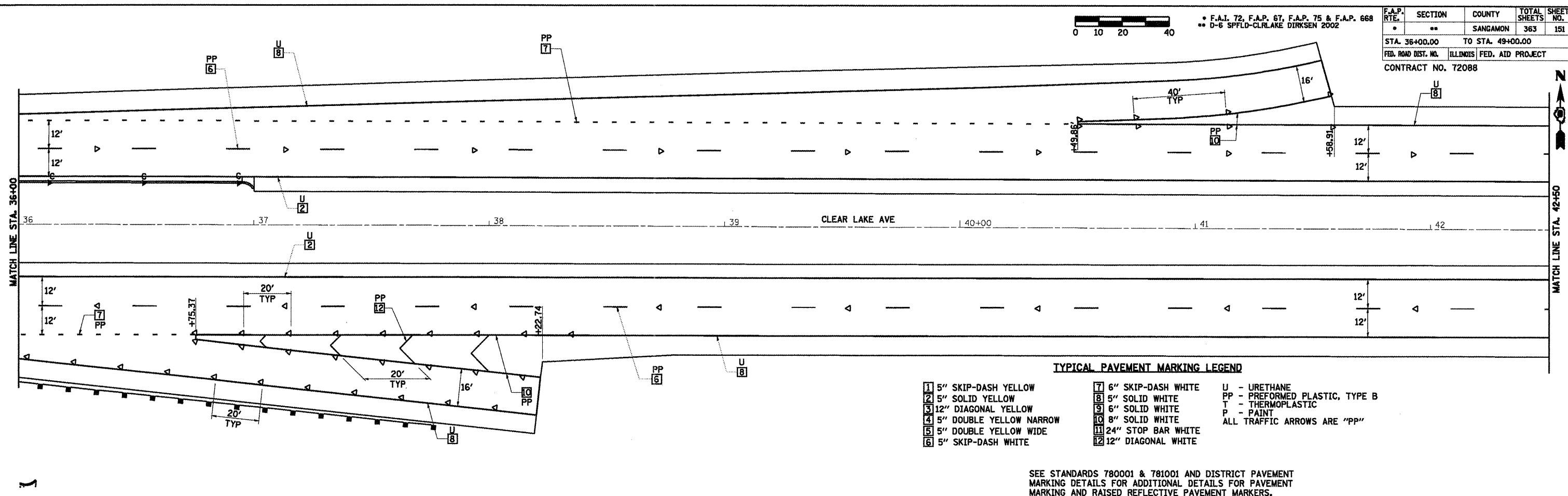
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**  
**CLEAR LAKE AVENUE**  
 SCALE: VERT. \_\_\_\_\_  
 DATE 08/05  
 DRAWN BY MLO  
 CHECKED BY SJK



\* F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

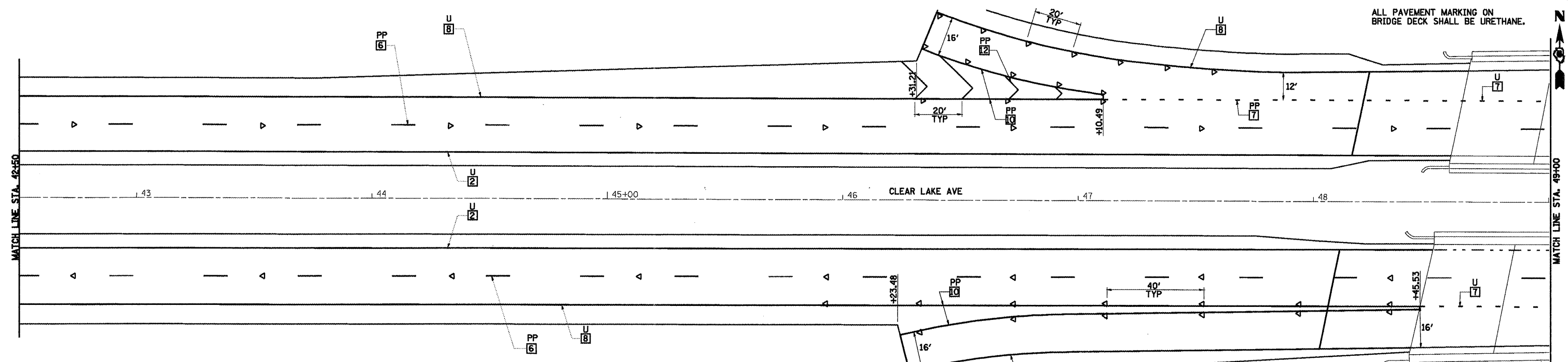
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	151
STA. 36+00.00		TO STA. 49+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



**TYPICAL PAVEMENT MARKING LEGEND**

1 5" SKIP-DASH YELLOW	7 6" SKIP-DASH WHITE	U - URETHANE
2 5" SOLID YELLOW	8 5" SOLID WHITE	PP - PREFORMED PLASTIC, TYPE B
3 12" DIAGONAL YELLOW	9 6" SOLID WHITE	T - THERMOPLASTIC
4 5" DOUBLE YELLOW NARROW	10 8" SOLID WHITE	P - PAINT
5 5" DOUBLE YELLOW WIDE	11 24" STOP BAR WHITE	ALL TRAFFIC ARROWS ARE "PP"
6 5" SKIP-DASH WHITE	12 12" DIAGONAL WHITE	

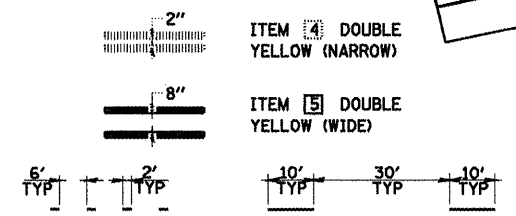
SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS.



ALL PAVEMENT MARKING ON BRIDGE DECK SHALL BE URETHANE.

**LEGEND**

	RAISED REFL PAVT MKR AMBER BIDIRECTIONAL		PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL
	RAISED REFL PAVT MKR AMBER MONODIRECTIONAL		PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL
	RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL		PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL
	EXISTING PAVEMENT MARKING		



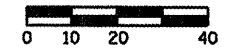
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**  
**CLEAR LAKE AVENUE**  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 08/05  
 DRAWN BY MLO  
 CHECKED BY SJK

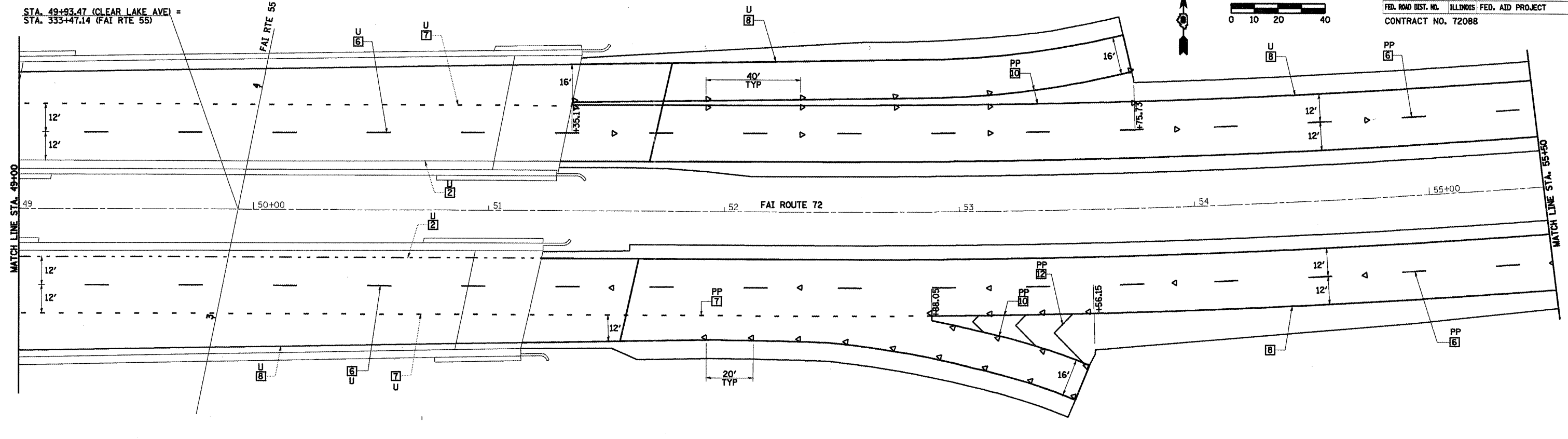
ALL PAVEMENT MARKING ON BRIDGE DECK SHALL BE URETHANE.

F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. 49+00.00 TO STA. 62+00.00	SANGAMON	363	152
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
		CONTRACT NO. 72088	

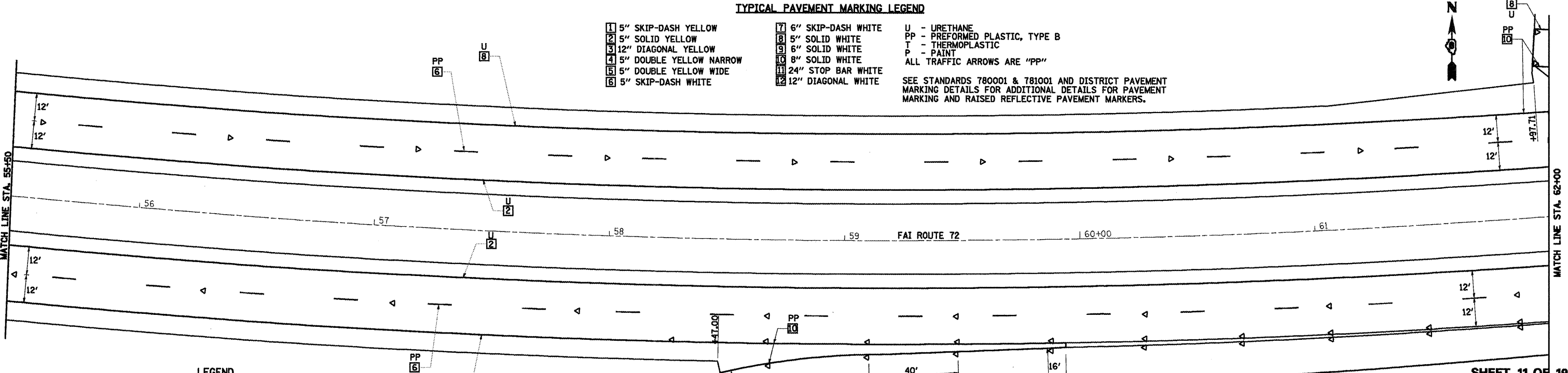


STA. 49+33.47 (CLEAR LAKE AVE) =  
 STA. 333+47.14 (FAI RTE 55)



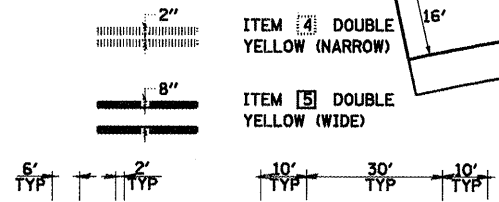
**TYPICAL PAVEMENT MARKING LEGEND**

- |                           |                       |   |
|---------------------------|-----------------------|---|
| 1 5" SKIP-DASH YELLOW     | 7 6" SKIP-DASH WHITE  | U - URETHANE  |
| 2 5" SOLID YELLOW         | 8 5" SOLID WHITE      | PP - PREFORMED PLASTIC, TYPE B  |
| 3 12" DIAGONAL YELLOW     | 9 6" SOLID WHITE      | T - THERMOPLASTIC   |
| 4 5" DOUBLE YELLOW NARROW | 10 8" SOLID WHITE     | P - PAINT   |
| 5 5" DOUBLE YELLOW WIDE   | 11 24" STOP BAR WHITE | ALL TRAFFIC ARROWS ARE "PP"   |
| 6 5" SKIP-DASH WHITE      | 12 12" DIAGONAL WHITE | SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS. |



**LEGEND**

- |  |  |
|--|--|
| RAISED REFL PAVT MKR AMBER BIDIRECTIONAL     | PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL     |
| RAISED REFL PAVT MKR AMBER MONODIRECTIONAL   | PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL   |
| RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL | PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL |
| EXISTING PAVEMENT MARKING                    |  |



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**  
**CLEAR LAKE AVENUE**  
 SCALE: VERT. \_\_\_\_\_  
 DATE 08/05  
 DRAWN BY MLO  
 CHECKED BY SJK

SHEET 11 OF 19

**TYPICAL PAVEMENT MARKING LEGEND**

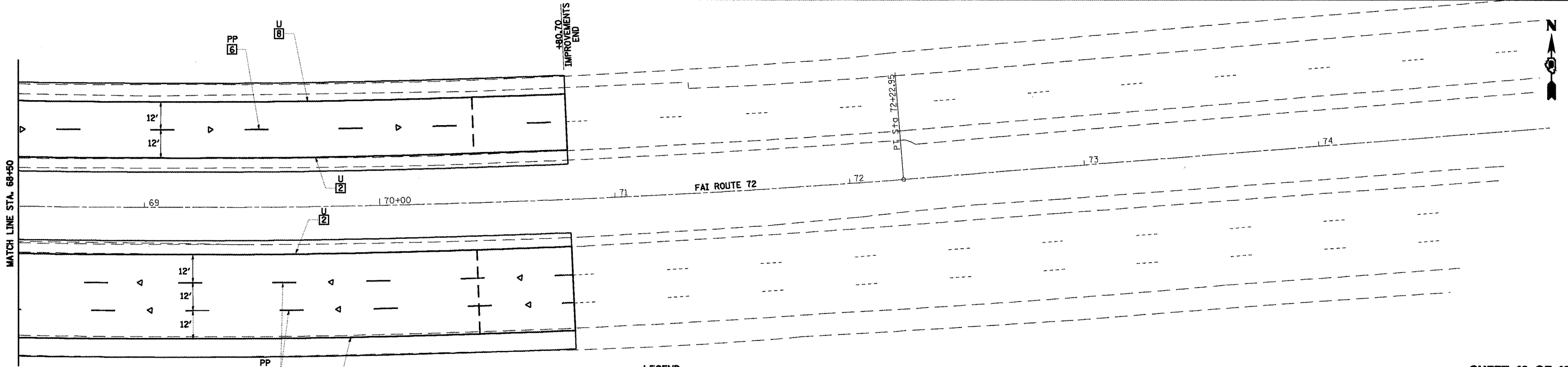
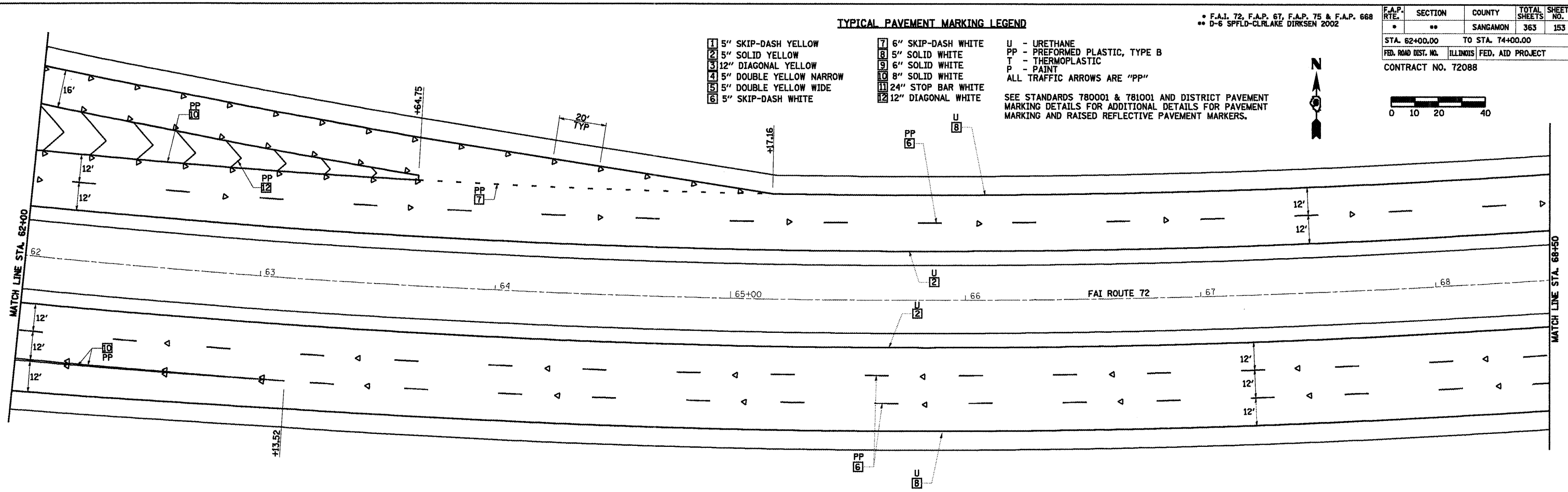
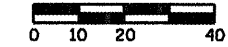
- 1 5" SKIP-DASH YELLOW
- 2 5" SOLID YELLOW
- 3 12" DIAGONAL YELLOW
- 4 5" DOUBLE YELLOW NARROW
- 5 5" DOUBLE YELLOW WIDE
- 6 5" SKIP-DASH WHITE
- 7 6" SKIP-DASH WHITE
- 8 5" SOLID WHITE
- 9 6" SOLID WHITE
- 10 8" SOLID WHITE
- 11 24" STOP BAR WHITE
- 12 12" DIAGONAL WHITE

- U - URETHANE
- PP - PREFORMED PLASTIC, TYPE B
- T - THERMOPLASTIC
- P - PAINT
- ALL TRAFFIC ARROWS ARE "PP"

SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS.

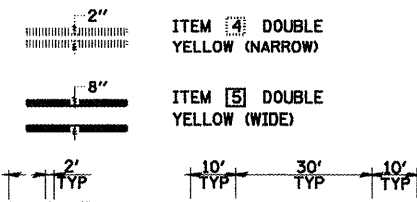
F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		SANGAMON	363	153
STA. 62+00.00		TO STA. 74+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



**LEGEND**

- RAISED REFL PAVT MKR AMBER BIDIRECTIONAL
- RAISED REFL PAVT MKR AMBER MONODIRECTIONAL
- RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL
- PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL
- PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL
- PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL
- EXISTING PAVEMENT MARKING



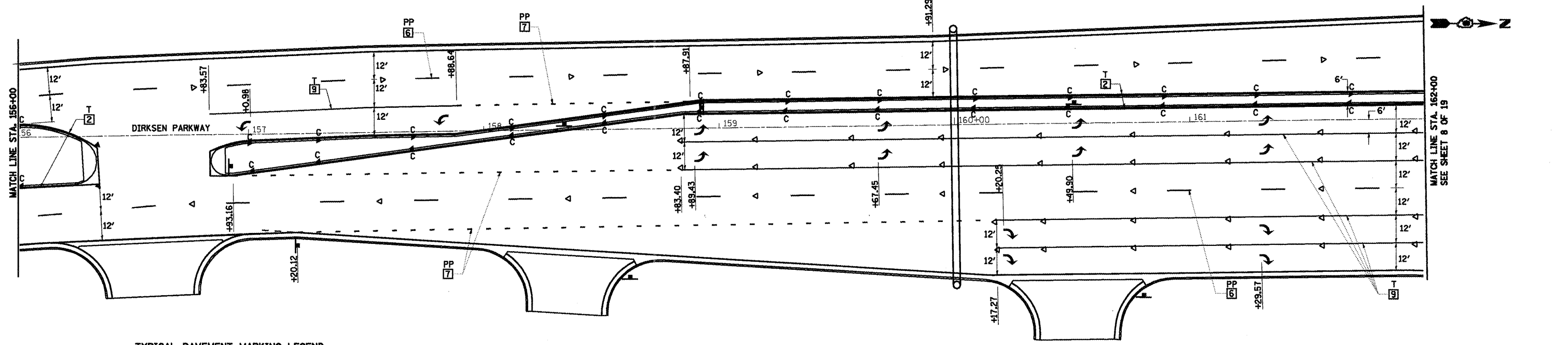
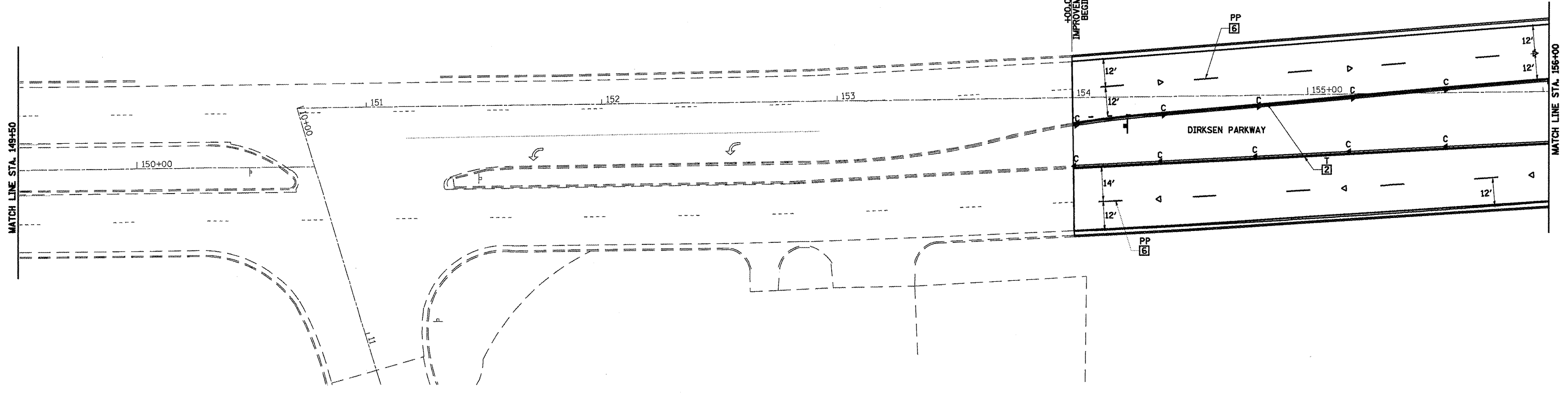
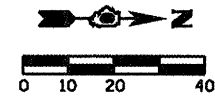
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**  
**CLEAR LAKE AVENUE**  
 SCALE: VERT. DATE 08/05  
 HORIZ. DATE 08/05  
 DRAWN BY MLO  
 CHECKED BY SJK

SHEET 12 OF 19

F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. SHEETS	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• •	• •	SANGAMON	363	154
STA. 149+00.00		TO STA. 162+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				

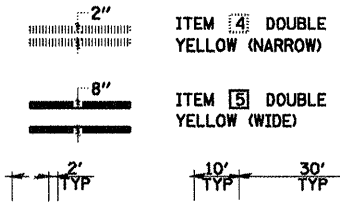


**TYPICAL PAVEMENT MARKING LEGEND**

- |                           |                       |                                |
|---------------------------|-----------------------|--------------------------------|
| 1 5" SKIP-DASH YELLOW     | 7 6" SKIP-DASH WHITE  | U - URETHANE                   |
| 2 5" SOLID YELLOW         | 8 5" SOLID WHITE      | PP - PREFORMED PLASTIC, TYPE B |
| 3 12" DIAGONAL YELLOW     | 9 6" SOLID WHITE      | T - THERMOPLASTIC              |
| 4 5" DOUBLE YELLOW NARROW | 10 8" SOLID WHITE     | P - PAINT                      |
| 5 5" DOUBLE YELLOW WIDE   | 11 24" STOP BAR WHITE | ALL TRAFFIC ARROWS ARE "PP"    |
| 6 5" SKIP-DASH WHITE      | 12 12" DIAGONAL WHITE |                                |

**LEGEND**

- |  |  |
|--|--|
| RAISED REFL PAVT MKR AMBER BIDIRECTIONAL     | PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL     |
| RAISED REFL PAVT MKR AMBER MONODIRECTIONAL   | PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL   |
| RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL | PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL |
| EXISTING PAVEMENT MARKING                    |  |



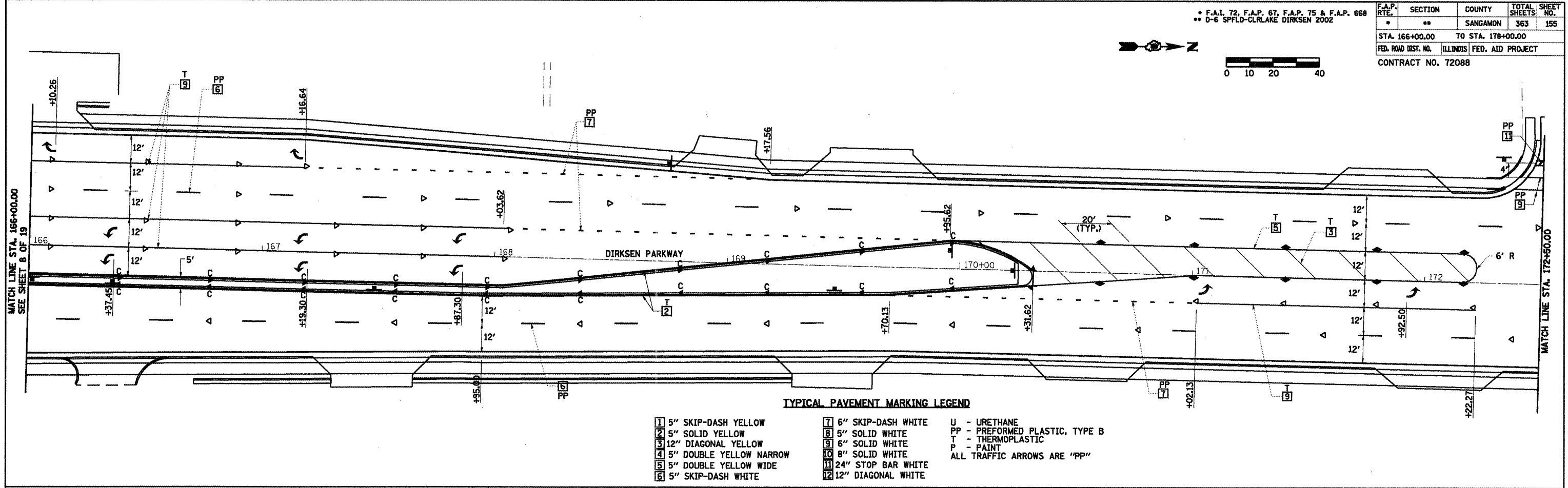
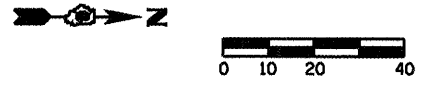
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN**  
**DIRKSEN PARKWAY**  
 SCALE: VERT. DATE 08/05  
 DRAWN BY MLO  
 CHECKED BY SJK

**SHEET 13 OF 19**

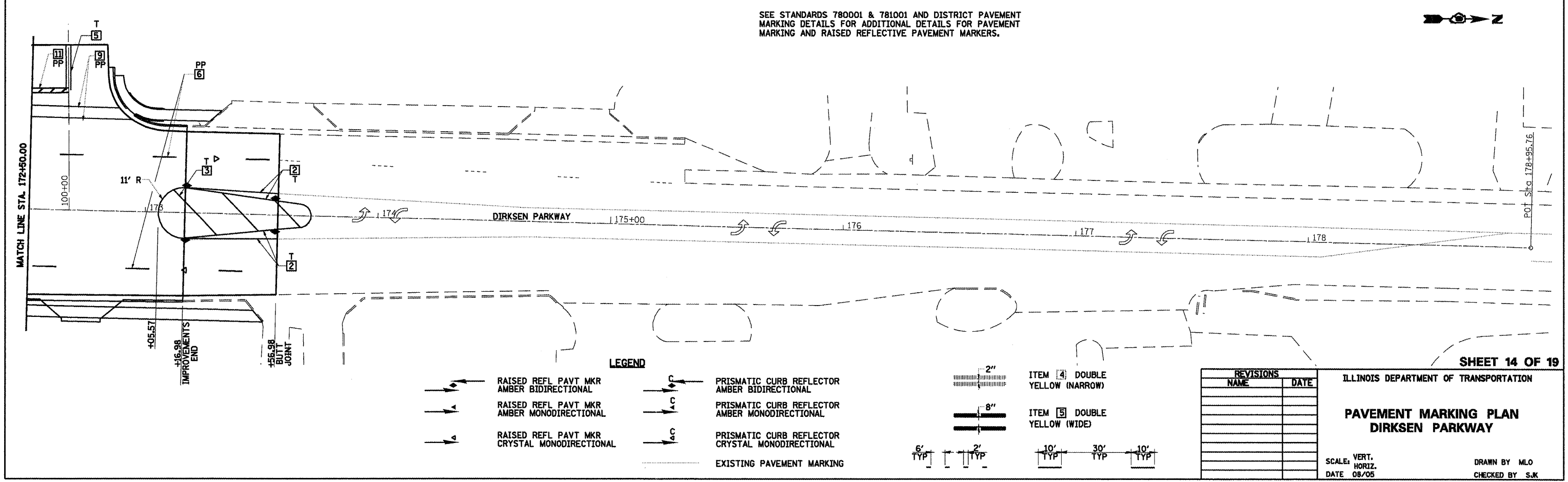
F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	SANGAMON	363	155
STA. 166+00.00		TO STA. 178+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



**TYPICAL PAVEMENT MARKING LEGEND**

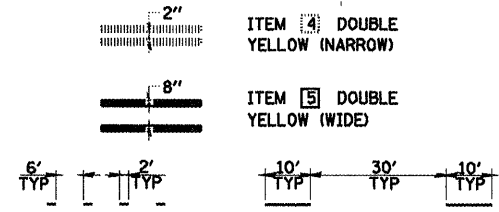
- |                           |                       |                                |
|---------------------------|-----------------------|--------------------------------|
| 1 5" SKIP-DASH YELLOW     | 7 5" SKIP-DASH WHITE  | U - URETHANE                   |
| 2 5" SOLID YELLOW         | 8 5" SOLID WHITE      | PP - PREFORMED PLASTIC, TYPE B |
| 3 12" DIAGONAL YELLOW     | 9 6" SOLID WHITE      | T - THERMOPLASTIC              |
| 4 5" DOUBLE YELLOW NARROW | 10 8" SOLID WHITE     | P - PAINT                      |
| 5 5" DOUBLE YELLOW WIDE   | 11 24" STOP BAR WHITE | ALL TRAFFIC ARROWS ARE "PP"    |
| 6 5" SKIP-DASH WHITE      | 12 12" DIAGONAL WHITE |                                |



SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS.

**LEGEND**

- |  |  |
|--|--|
| RAISED REFL PAVT MKR AMBER BIDIRECTIONAL     | PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL     |
| RAISED REFL PAVT MKR AMBER MONODIRECTIONAL   | PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL   |
| RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL | PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL |
|  | EXISTING PAVEMENT MARKING                        |



REVISIONS	
NAME	DATE

**SHEET 14 OF 19**

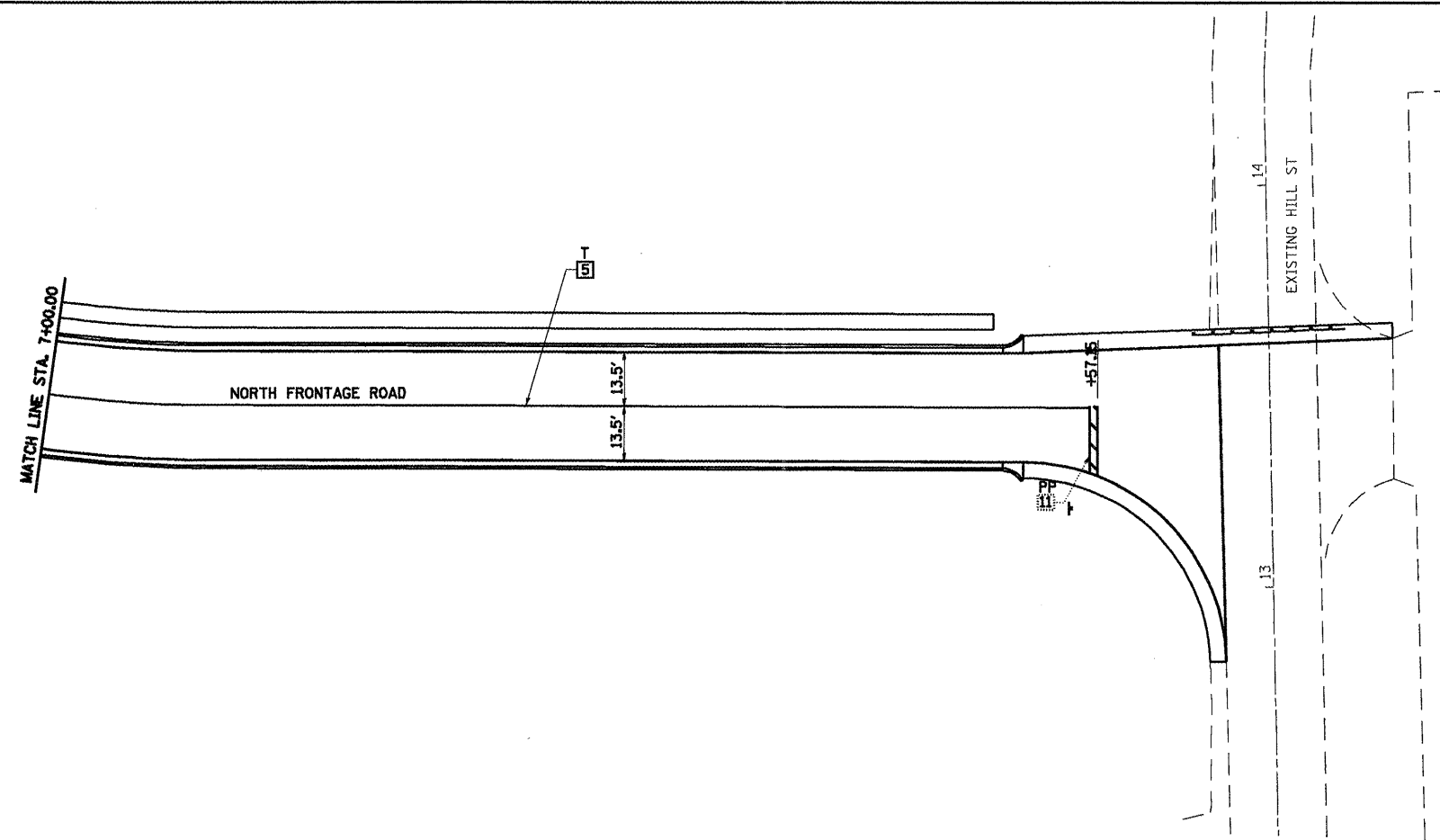
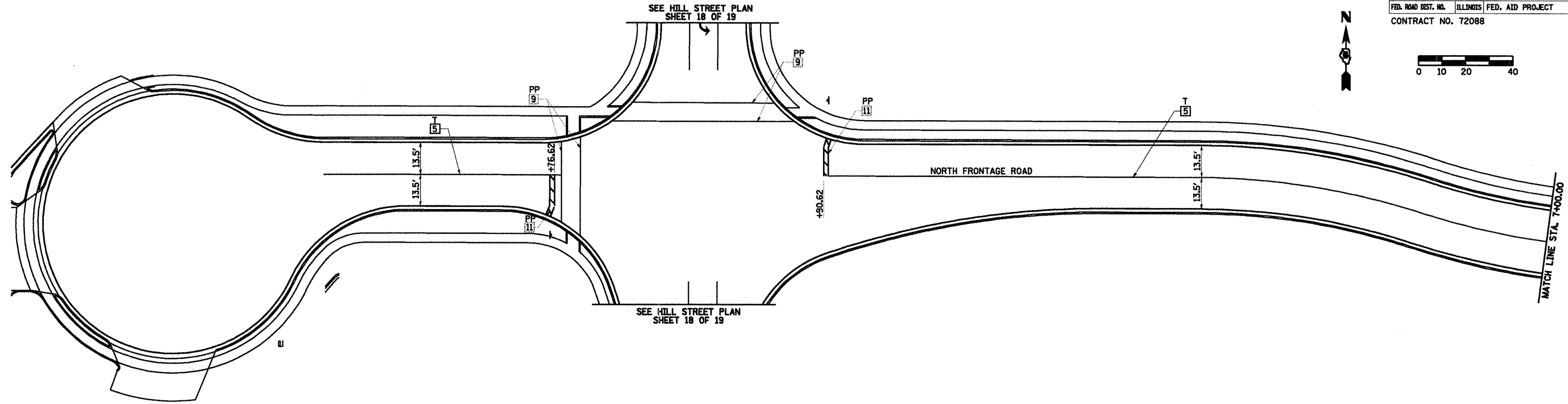
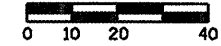
ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING PLAN  
DIRKSEN PARKWAY**

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE 08/05

DRAWN BY MLO  
 CHECKED BY SJK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		SANGAMON	363	156
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



**LEGEND**

- RAISED REFL PAVT MKR AMBER BIDIRECTIONAL
- RAISED REFL PAVT MKR AMBER MONODIRECTIONAL
- RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL
- PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL
- PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL
- PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL
- EXISTING PAVEMENT MARKING
- ITEM [4] DOUBLE YELLOW (NARROW)
- ITEM [5] DOUBLE YELLOW (WIDE)

**TYPICAL PAVEMENT MARKING LEGEND**

- [1] 5" SKIP-DASH YELLOW
- [2] 5" SOLID YELLOW
- [3] 12" DIAGONAL YELLOW
- [4] 5" DOUBLE YELLOW NARROW
- [5] 5" DOUBLE YELLOW WIDE
- [6] 5" SKIP-DASH WHITE
- [7] 6" SKIP-DASH WHITE
- [8] 5" SOLID WHITE
- [9] 6" SOLID WHITE
- [10] 8" SOLID WHITE
- [11] 24" STOP BAR WHITE
- [12] 12" DIAGONAL WHITE
- U - URETHANE
- PP - PREFORMED PLASTIC, TYPE B
- T - THERMOPLASTIC
- P - PAINT
- ALL TRAFFIC ARROWS ARE "PP"

SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS.

**SHEET 15 OF 19**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING PLAN  
 NORTH FRONTAGE ROAD**

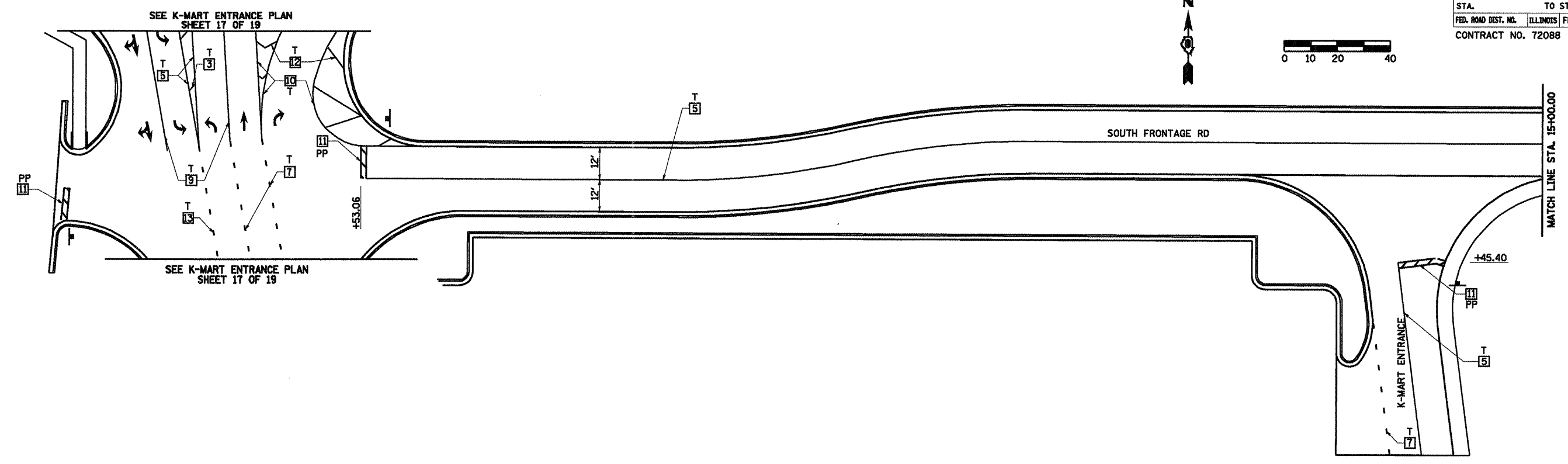
SCALE: VERT. DATE 08/05

DRAWN BY MLO  
 CHECKED BY SJK

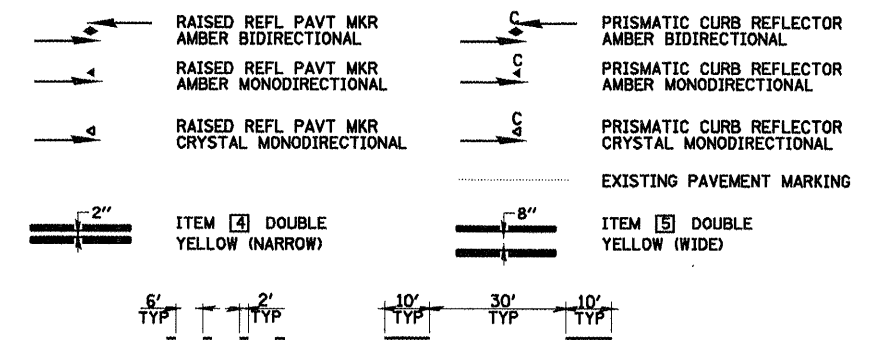


F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	157
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 72088				



**LEGEND**



**TYPICAL PAVEMENT MARKING LEGEND**

- |                           |                        |                                |
|---------------------------|------------------------|--------------------------------|
| 1 5" SKIP-DASH YELLOW     | 7 6" SKIP-DASH WHITE   | U - URETHANE                   |
| 2 5" SOLID YELLOW         | 8 5" SOLID WHITE       | PP - PREFORMED PLASTIC, TYPE B |
| 3 12" DIAGONAL YELLOW     | 9 6" SOLID WHITE       | T - THERMOPLASTIC              |
| 4 5" DOUBLE YELLOW NARROW | 10 8" SOLID WHITE      | P - PAINT                      |
| 5 5" DOUBLE YELLOW WIDE   | 11 24" STOP BAR WHITE  | ALL TRAFFIC ARROWS ARE "PP"    |
| 6 5" SKIP-DASH WHITE      | 12 12" DIAGONAL WHITE  |                                |
|                           | 13 6" SKIP-DASH YELLOW |                                |

SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS.

**SHEET 16 OF 19**

REVISIONS	DATE

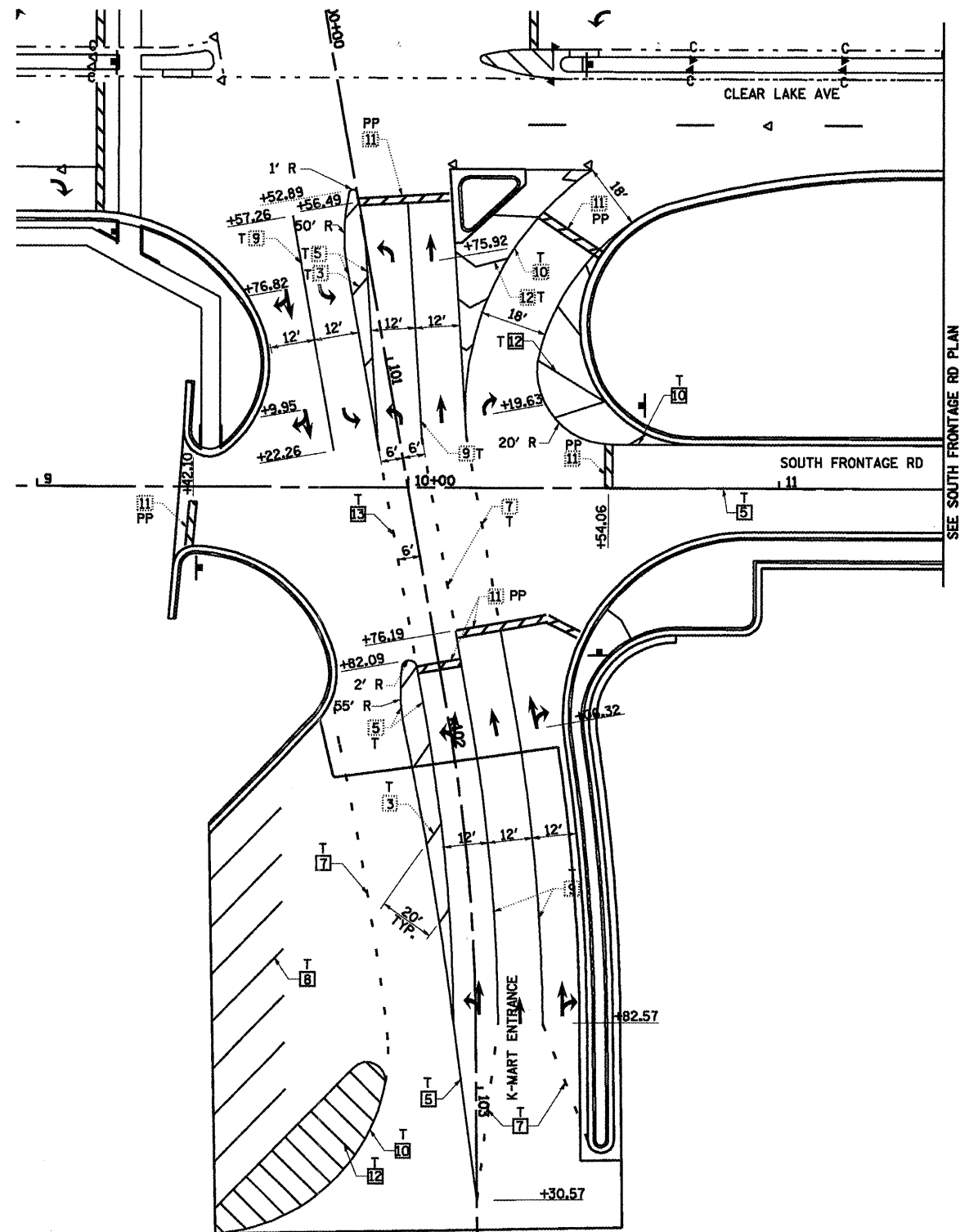
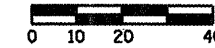
ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING PLAN  
SOUTH FRONTAGE ROAD**

SCALE: VERT.  
HORIZ.  
DATE 08/05

DRAWN BY MLO  
CHECKED BY SJK

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	SANGAMON	363	158
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



**LEGEND**

	RAISED REFL PAVT MKR AMBER BIDIRECTIONAL		PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL
	RAISED REFL PAVT MKR AMBER MONODIRECTIONAL		PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL
	RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL		PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL
	EXISTING PAVEMENT MARKING		ITEM [4] DOUBLE YELLOW (NARROW)
	ITEM [5] DOUBLE YELLOW (WIDE)		ITEM [7] SKIP-DASH WHITE
	ITEM [8] SKIP-DASH YELLOW		ITEM [10] SOLID WHITE
	ITEM [9] SOLID WHITE		ITEM [11] STOP BAR WHITE
	ITEM [12] DIAGONAL WHITE		ITEM [13] SKIP-DASH WHITE

**TYPICAL PAVEMENT MARKING LEGEND**

1 5" SKIP-DASH YELLOW	7 6" SKIP-DASH WHITE	U - URETHANE
2 5" SOLID YELLOW	8 5" SOLID WHITE	PP - PREFORMED PLASTIC, TYPE B
3 12" DIAGONAL YELLOW	9 6" SOLID WHITE	T - THERMOPLASTIC
4 5" DOUBLE YELLOW NARROW	10 8" SOLID WHITE	P - PAINT
5 5" DOUBLE YELLOW WIDE	11 24" STOP BAR WHITE	ALL TRAFFIC ARROWS ARE "PP"
6 5" SKIP-DASH WHITE	12 12" DIAGONAL WHITE	
	13 6" SKIP-DASH WHITE	

SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS.

SHEET 17 OF 19

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

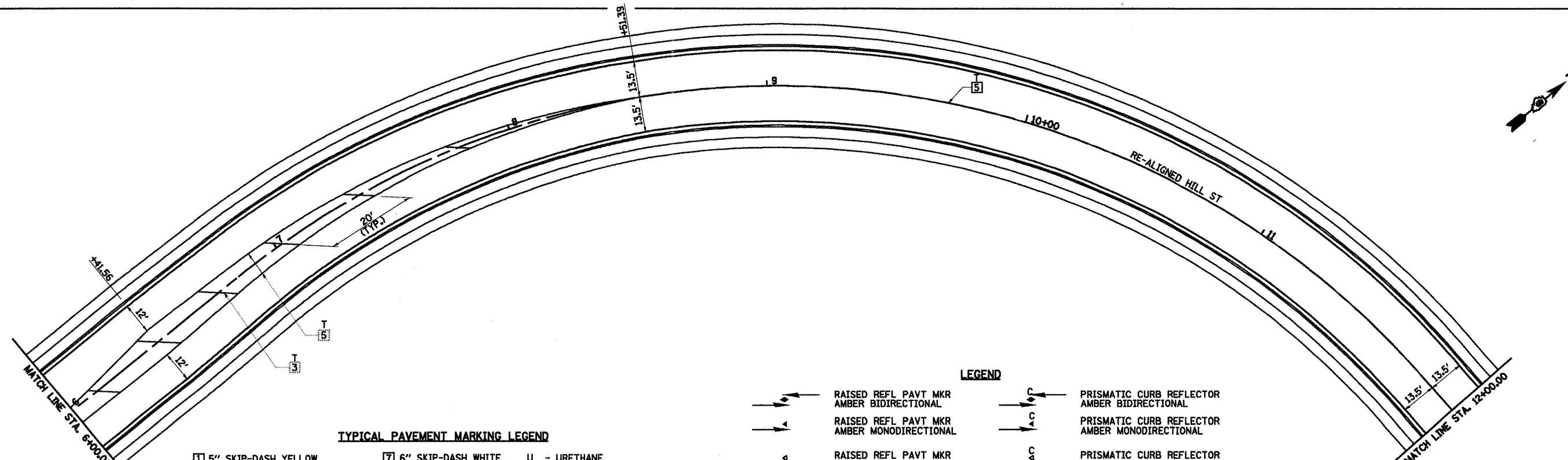
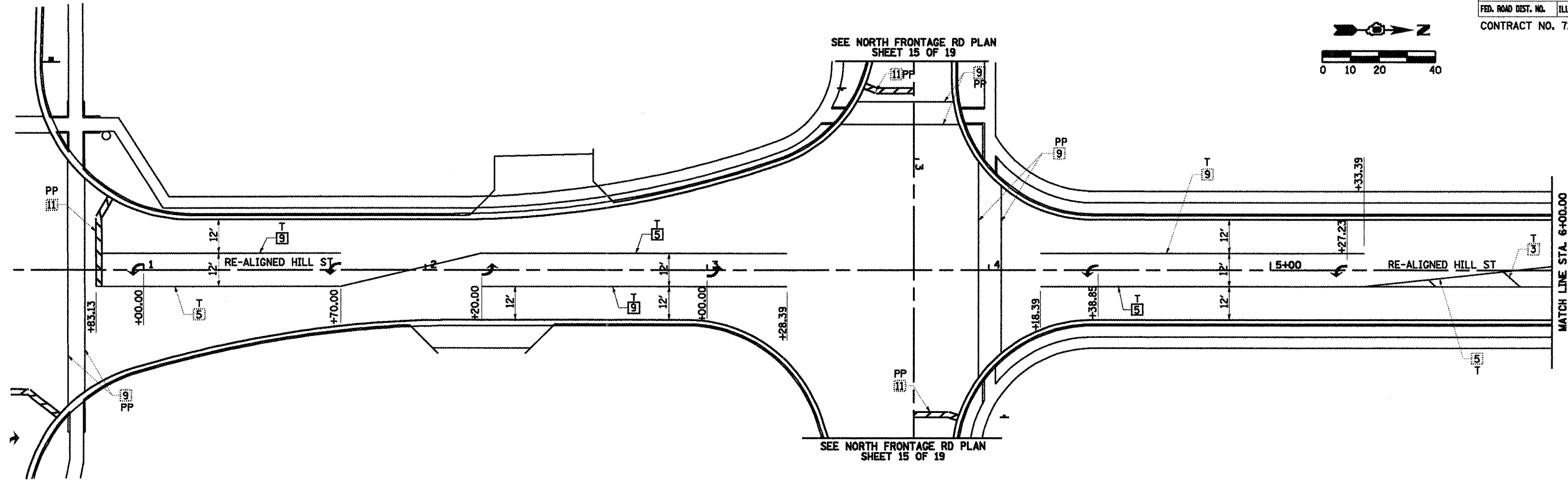
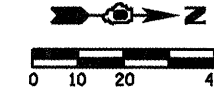
**PAVEMENT MARKING PLAN  
K-MART ENTRANCE**

SCALE: VERT.  
HORIZ.  
DATE 08/05

DRAWN BY MLO  
CHECKED BY SJK

F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	..	SANGAMON	363	159
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



- TYPICAL PAVEMENT MARKING LEGEND**
- |                           |                       |
|---------------------------|-----------------------|
| 1 5" SKIP-DASH YELLOW     | 7 6" SKIP-DASH WHITE  |
| 2 5" SOLID YELLOW         | 8 5" SOLID WHITE      |
| 3 12" DIAGONAL YELLOW     | 9 6" SOLID WHITE      |
| 4 5" DOUBLE YELLOW NARROW | 10 8" SOLID WHITE     |
| 5 5" DOUBLE YELLOW WIDE   | 11 24" STOP BAR WHITE |
| 6 5" SKIP-DASH WHITE      | 12 12" DIAGONAL WHITE |

- U - URETHANE  
 PP - PREFORMED PLASTIC, TYPE B  
 T - THERMOPLASTIC  
 P - PAINT  
 ALL TRAFFIC ARROWS ARE "PP"

SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS.

- LEGEND**
- |  |  |  |  |
|--|--|--|--|
|  | RAISED REFL PAVT MKR AMBER BIDIRECTIONAL     |  | PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL     |
|  | RAISED REFL PAVT MKR AMBER MONODIRECTIONAL   |  | PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL   |
|  | RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL |  | PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL |
|  | EXISTING PAVEMENT MARKING                    |  | ITEM [4] DOUBLE YELLOW (NARROW)                  |
|  | ITEM [5] DOUBLE YELLOW (WIDE)                |  | ITEM [4] DOUBLE YELLOW (NARROW)                  |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKING PLAN  
 HILL STREET**

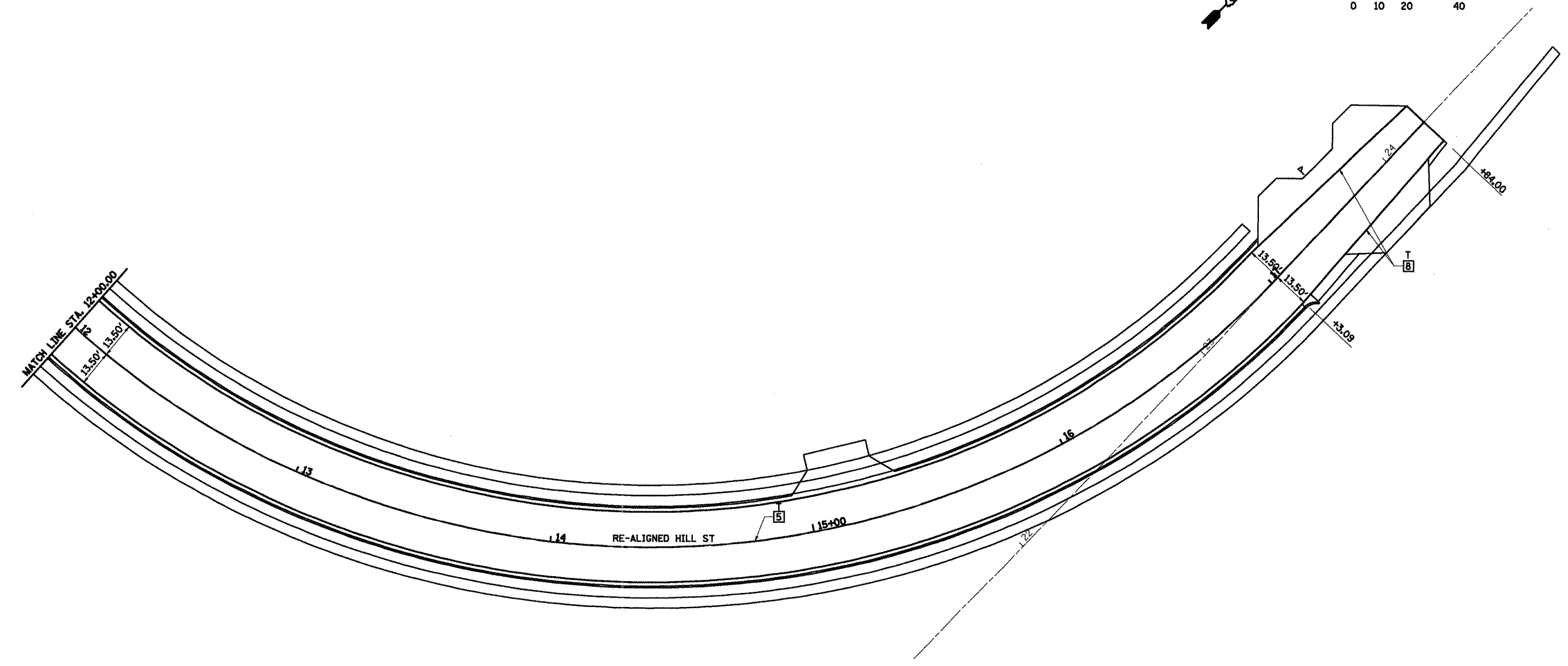
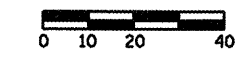
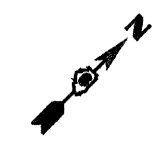
SCALE: VERT. DATE 08/05

DRAWN BY MLO  
 CHECKED BY S.K

SHEET 18 OF 19

• F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 • D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		SANGAMON	363	160
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



**TYPICAL PAVEMENT MARKING LEGEND**

1 5" SKIP-DASH YELLOW	7 6" SKIP-DASH WHITE	U - URETHANE
2 5" SOLID YELLOW	8 5" SOLID WHITE	PP - PREFORMED PLASTIC, TYPE B
3 12" DIAGONAL YELLOW	9 6" SOLID WHITE	T - THERMOPLASTIC
4 5" DOUBLE YELLOW NARROW	10 8" SOLID WHITE	P - PAINT
5 5" DOUBLE YELLOW WIDE	11 24" STOP BAR WHITE	ALL TRAFFIC ARROWS ARE "PP"
6 5" SKIP-DASH WHITE	12 12" DIAGONAL WHITE	

SEE STANDARDS 780001 & 781001 AND DISTRICT PAVEMENT MARKING DETAILS FOR ADDITIONAL DETAILS FOR PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS.

**LEGEND**

	RAISED REFL PAVT MKR AMBER BIDIRECTIONAL		PRISMATIC CURB REFLECTOR AMBER BIDIRECTIONAL
	RAISED REFL PAVT MKR AMBER MONODIRECTIONAL		PRISMATIC CURB REFLECTOR AMBER MONODIRECTIONAL
	RAISED REFL PAVT MKR CRYSTAL MONODIRECTIONAL		PRISMATIC CURB REFLECTOR CRYSTAL MONODIRECTIONAL
	EXISTING PAVEMENT MARKING		
	ITEM 4 DOUBLE YELLOW (NARROW)		ITEM 5 DOUBLE YELLOW (WIDE)
	6' TYP		2' TYP
	10' TYP		30' TYP
	10' TYP		

SHEET 19 OF 19

REVISIONS	
NAME	DATE

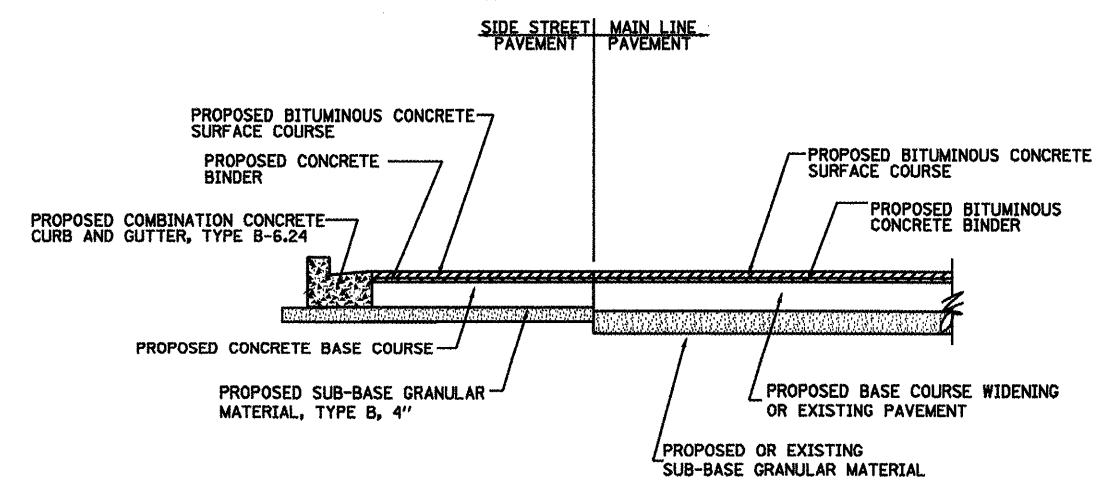
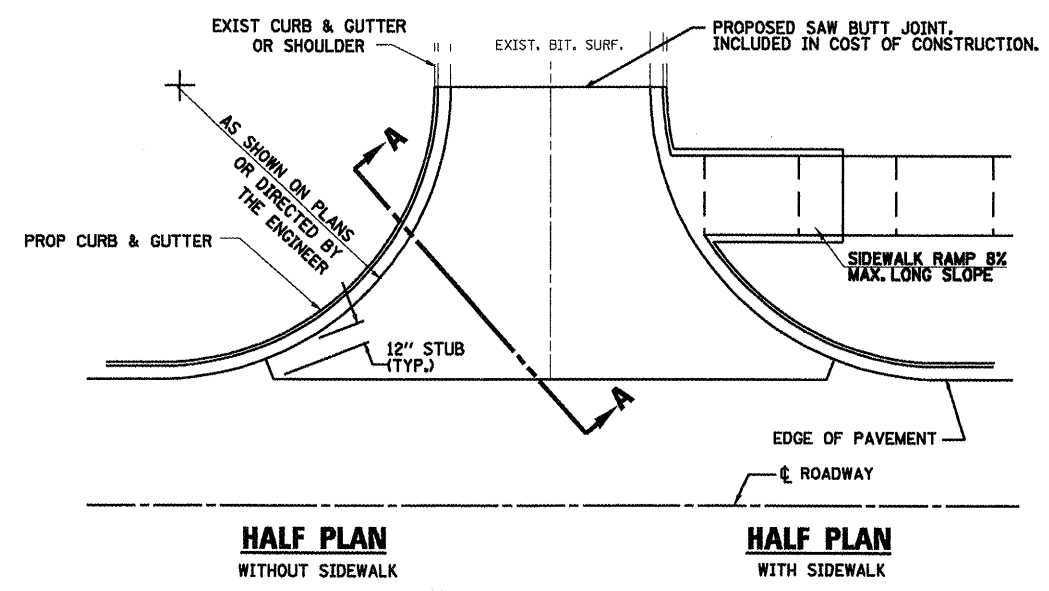
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MARKING PLAN  
 HILL STREET**

SCALE: VERT.  
 HORIZ.  
 DATE 08/05

DRAWN BY MLO  
 CHECKED BY SJK

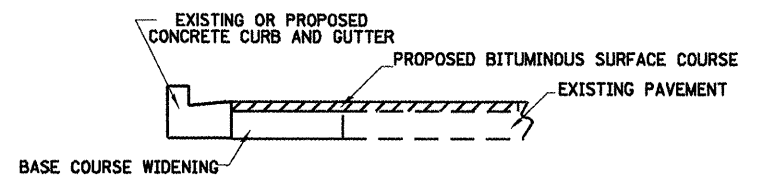
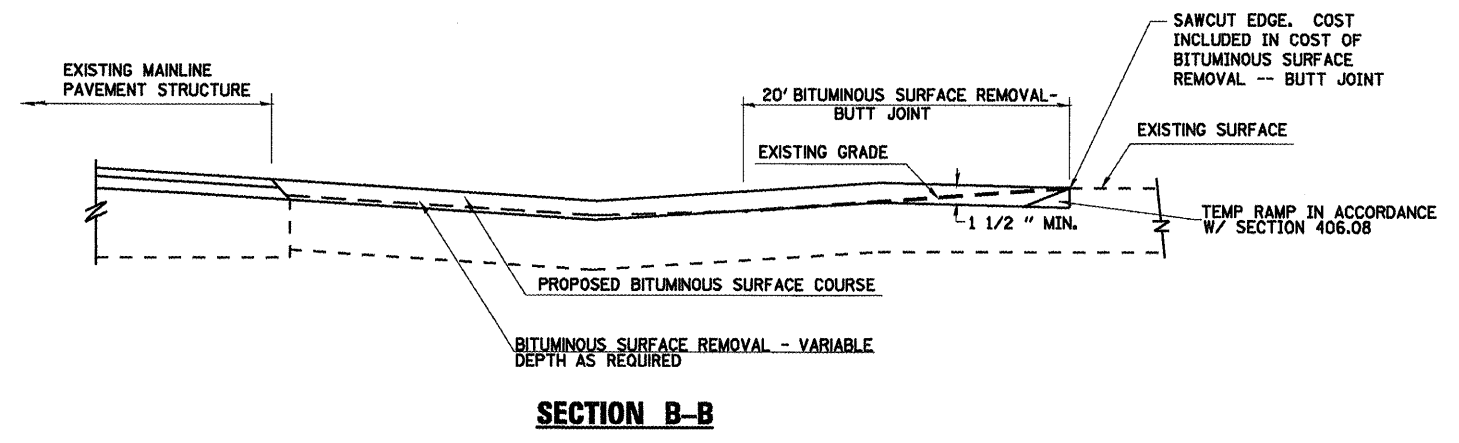
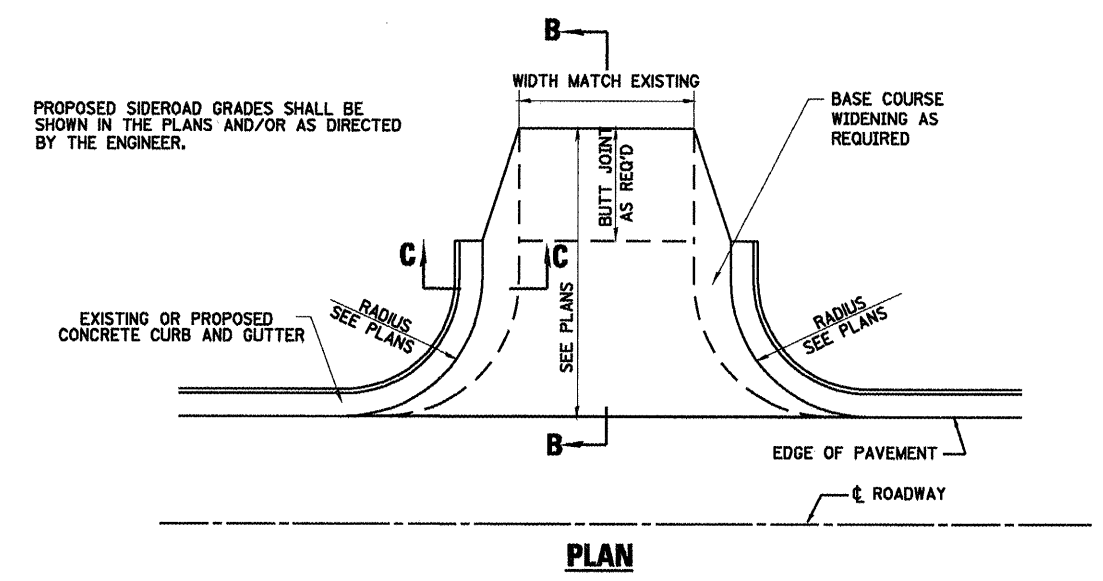


**DETAIL A - URBAN SIDEROAD RETURN (REBUILDING)**



SEE INTERSECTION GEOMETRICS FOR ELEVATIONS.

**DETAIL B - URBAN SIDEROAD RETURN (WIDENING & RESURFACING)**

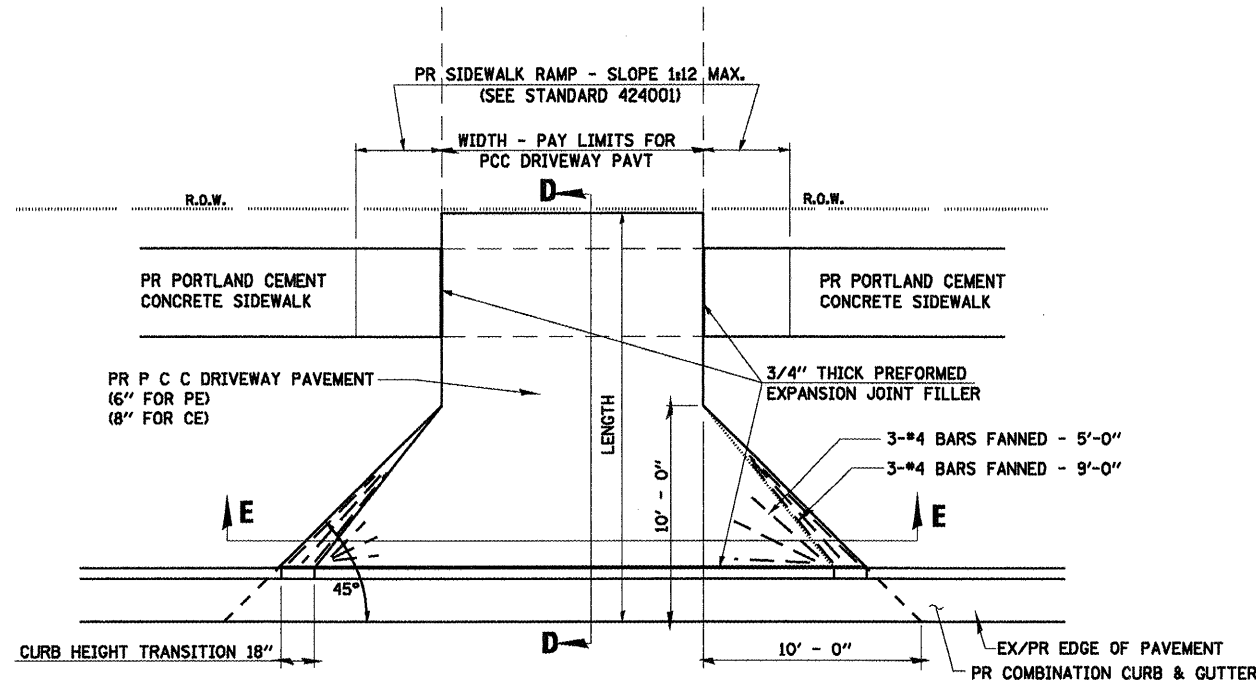


SEE INTERSECTION GEOMETRICS FOR ELEVATIONS.

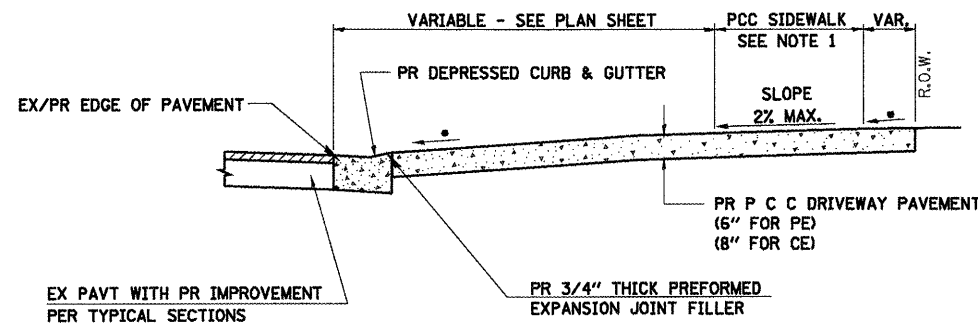
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS FOR URBAN SIDEROAD RETURNS IN CURB & GUTTER SECTION**  
 SCALE: DATE: 08/05  
 DRAWN BY: DIST. 6  
 CHECKED BY: BWC

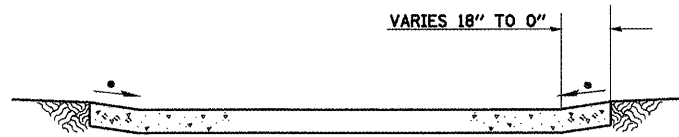
**DETAIL C - URBAN PE & CE (NO CURB & GUTTER)**



**PLAN**



**SECTION D-D**



**SECTION E-E**

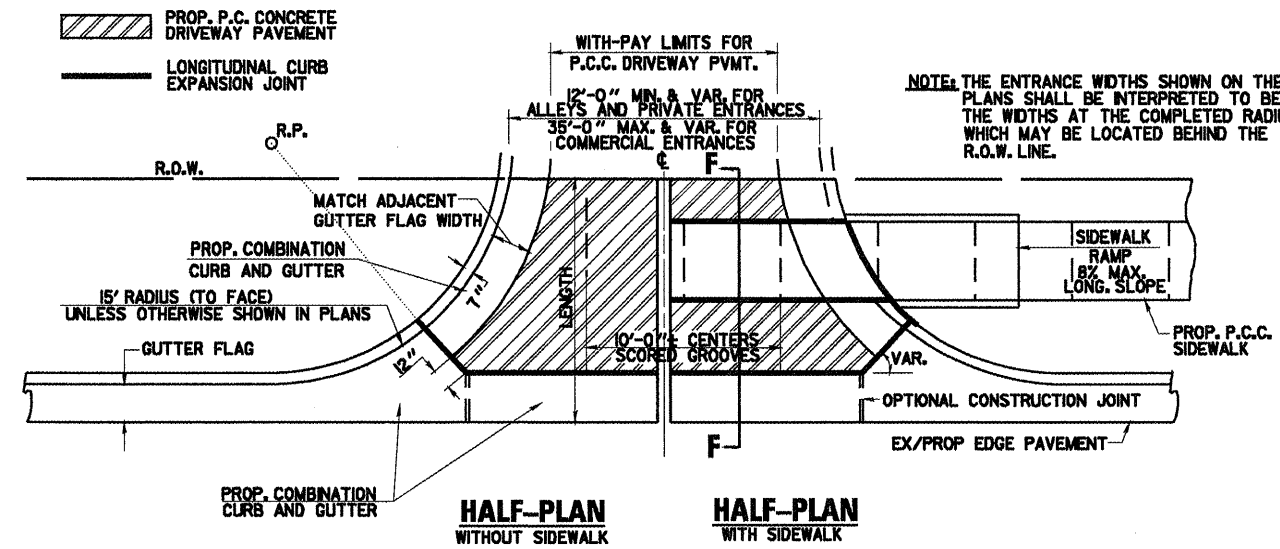
**NOTES:**

- SEE PLAN SHEET / CROSS SECTION FOR LOCATION OF SIDEWALK.
- THE SLOPE SHALL NOT EXCEED THE FOLLOWING RATES:  
PE (URBAN) 8%  
CE (URBAN) 6%
- THE COST OF FURNISHING AND INSTALLING THE 3/4" PREFORMED EXPANSION JOINT FILLER SHALL BE INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT.
- FOR 8" P.C.C. ENTRANCE, PROVIDE WIRE MESH THE COST SHALL BE INCLUDED IN THE UNIT PRICE FOR P.C.C. DRIVEWAY PAVEMENT, 8".
- REPLACE SURFACE IN-KIND BEYOND OUTSIDE EDGE OF BACK OF SIDEWALK AS NEEDED WITHIN R.O.W. OR EASEMENT LIMITS:  
EXIST. AGGREGATE - AGGREGATE SURFACE COURSE, TYPE B, 8"  
EXIST. P.C.C. P.V.M.T. - P.C.C. PAVEMENT 6" PRIVATE 8" COMMERCIAL  
EXIST. BIT. SURFACE - AGGREGATE BASE COURSE, TYPE B, 6" PRIVATE 8" COMMERCIAL  
INCIDENTAL BITUMINOUS SURFACING, 3"

F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
D-6 SPFLD-CLRLAKE DIRKSEN 2002

**DETAIL D - URBAN PE & CE (WITH CURB & GUTTER)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
..	..	SANGAMON	363	163
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				

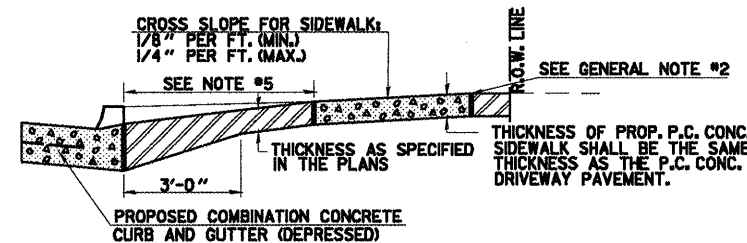


**HALF-PLAN WITHOUT SIDEWALK**

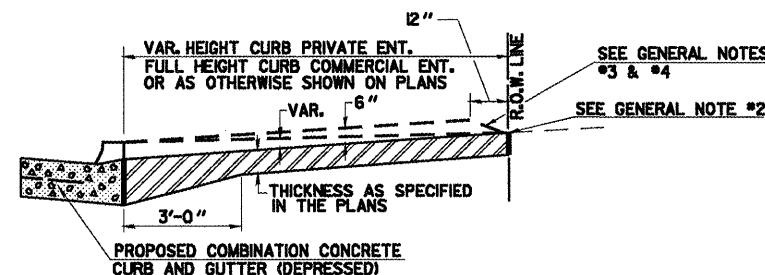
**HALF-PLAN WITH SIDEWALK**

**NOTES**

- SEE INTERSECTION DETAILS FOR ELEVATIONS ALONG RADIUS.
- THIS LONGITUDINAL CURB EXPANSION JOINT SHALL BE PLACED ONLY WHERE THE PROPOSED P.C. CONCRETE SIDEWALK OR DRIVEWAY PAVEMENT MEETS AN EXISTING CONCRETE ENTRANCE.
- THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051.03 THE STANDARD SPECS.
- DRIVEWAYS THAT WILL MEET EXISTING OR PROPOSED CURB NEAR THE R.O.W. LINE SHALL HAVE THE CURB CONSTRUCTED FULL HEIGHT TO THE R.O.W. LINE.
- DRIVEWAYS THAT WILL BE CONSTRUCTED WITH FULL HEIGHT CURBS AND NOT MEETING EXISTING OR PROPOSED CURBS NEAR THE R.O.W. LINE SHALL HAVE THE CURB SLOPED AS SHOWN ABOVE.
- DEPRESSED CURB SHALL BE BUILT ONLY AT PRIVATE DRIVES WITH NO SIDEWALK RAMPS.
- THE ENTRANCE GRADES WILL BE AS SHOWN ON THE STATION CROSS SECTIONS AND AS DIRECTED BY THE ENGINEER.
- THE P.C. CONCRETE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 424.06 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY EVERY OTHER JOINT, EITHER IN THE EXISTING SIDEWALK OR THE PROPOSED SIDEWALK. THE PROPOSED P.C. CONCRETE SIDEWALK SHALL BE CONSTRUCTED PRIOR TO CONSTRUCTING THE P.C. CONC. DRIVEWAY PAVEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE VARIABLE HEIGHT CURB ADJACENT TO THE P.C. CONCRETE DRIVEWAY PAVEMENT SHALL BE CONSTRUCTED MONOLITHIC WITH AND INCLUDED IN THE AREA OF THE P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ. YD. FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS, INCLUDING THE MONOLITHIC CURBS AS SPECIFIED, THE SCORED GROOVES, THE LONGITUDINAL CURB EXPANSION JOINTS, AND THE ADDITIONAL THICKNESS REQUIRED ADJACENT TO THE DEPRESSED COMBINATION CONCRETE CURB AND GUTTER. AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



**SECTION F-F**



**SECTION F-F WITHOUT SIDEWALK**

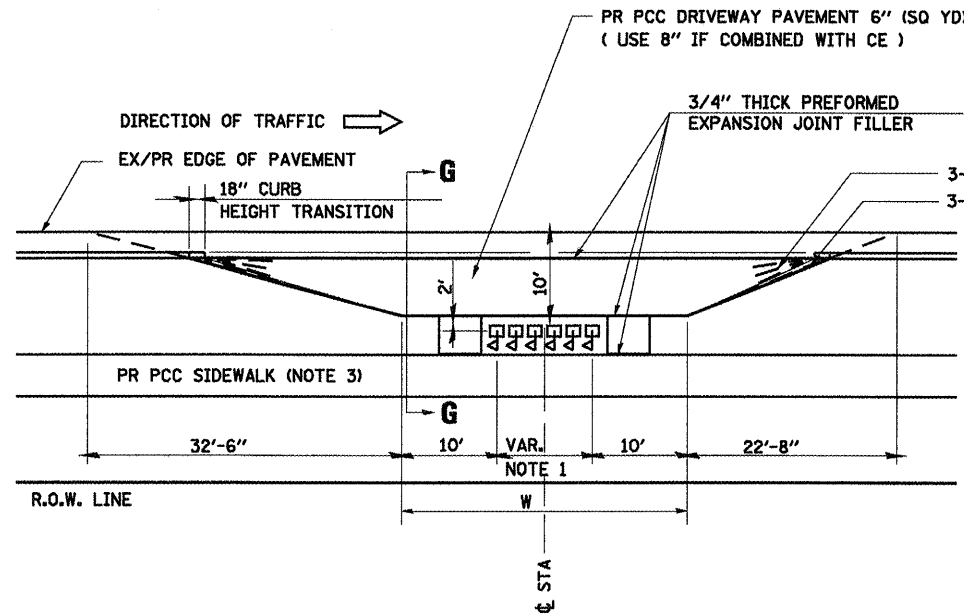
**SHEET 3 OF 6**

REVISIONS	
NAME	DATE

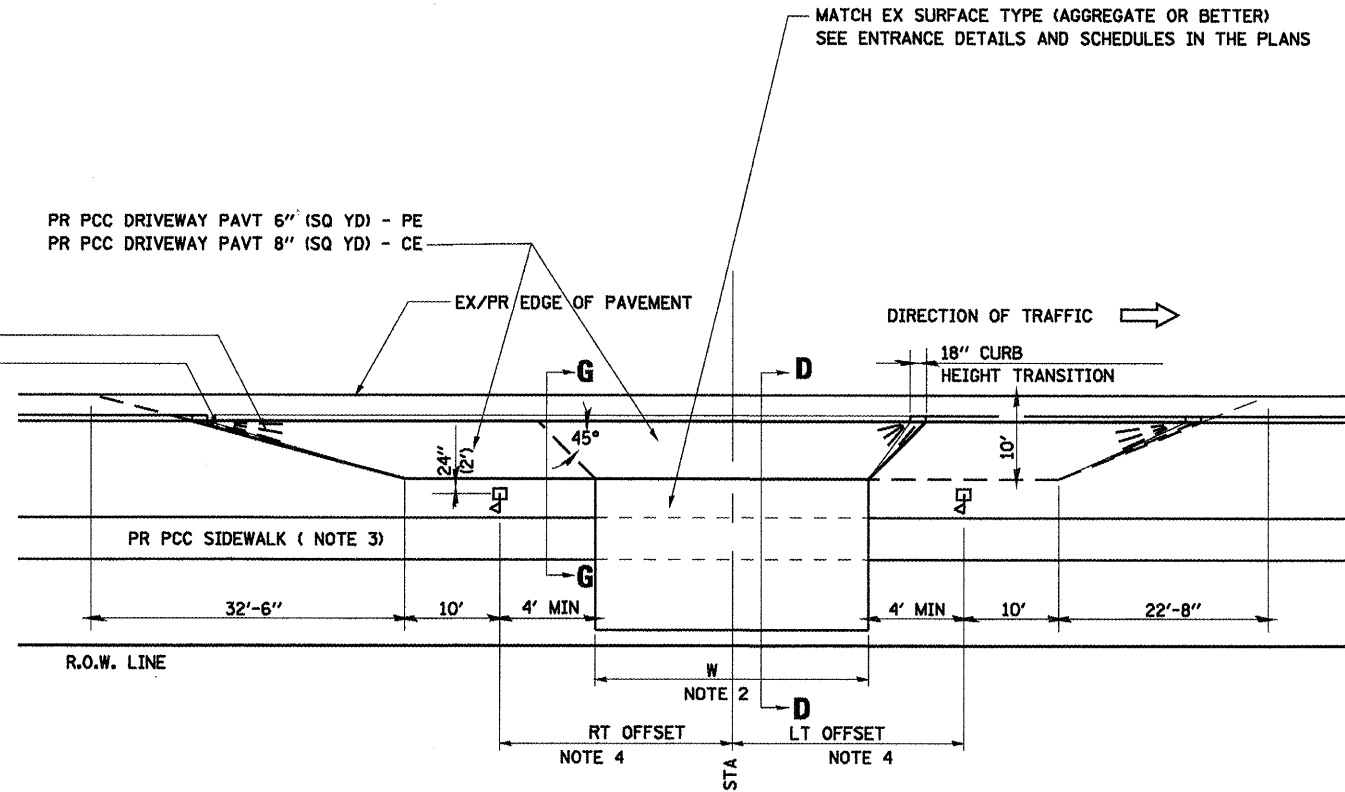
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS FOR URBAN ENTRANCES IN CURB & GUTTER SECTION**  
SCALE: NONE  
DATE: 08/05  
DRAWN BY: DIST. 6  
CHECKED BY: BWC

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	SANGAMON	363	164
STA. TO STA.			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
CONTRACT NO. 72088			

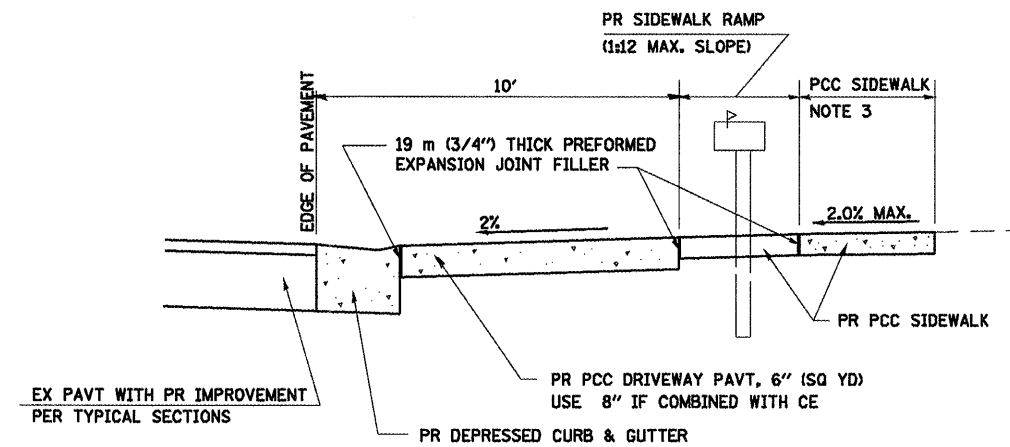
### DETAIL E - URBAN MAILBOX TURNOUTS



**PLAN - URBAN MULTIPLE MAILBOX TURNOUT**



**PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE**



**SECTION G-G THRU MAILBOX TURNOUT**

#### NOTES

1. DIMENSION = (NUMBER OF MAILBOX - 1) TIMES 2'
2. FOR ENTRANCE LAYOUT DIMENSIONS AND SECTION D-D REFER TO SHEET 3 OF 6.
3. SEE PLAN LAYOUT SHEET FOR SIDEWALK LOCATION.
4. BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

#### DETAILS FOR URBAN MAILBOX TURNOUTS IN CURB & GUTTER SECTION

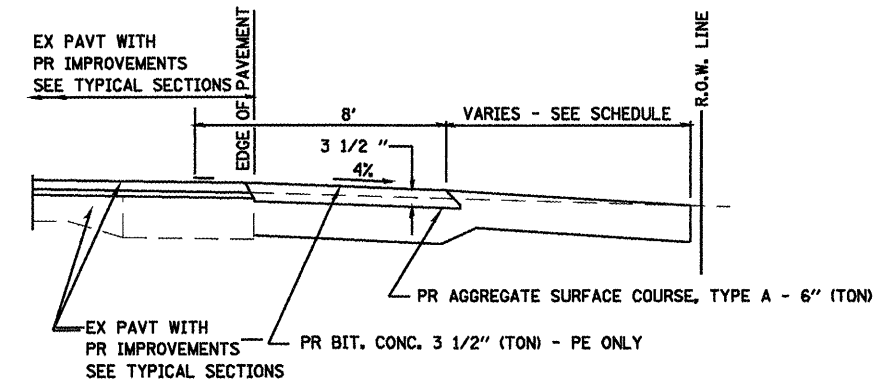
SCALE:  
DATE: 08/05

DRAWN BY DIST. 6  
CHECKED BY BWC

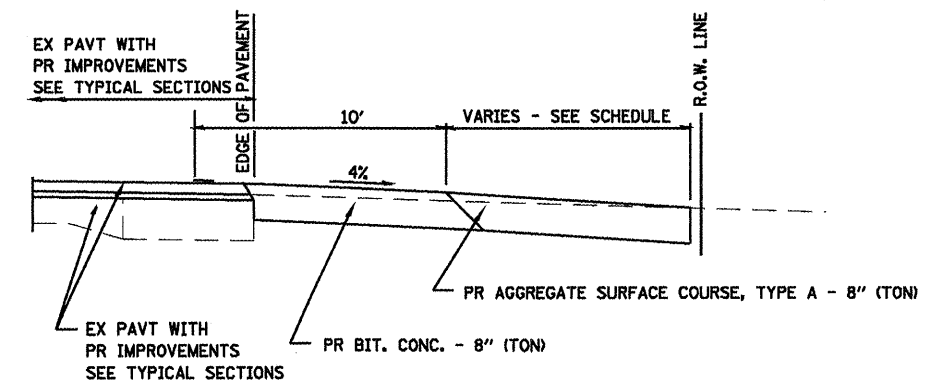


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	165
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72088				

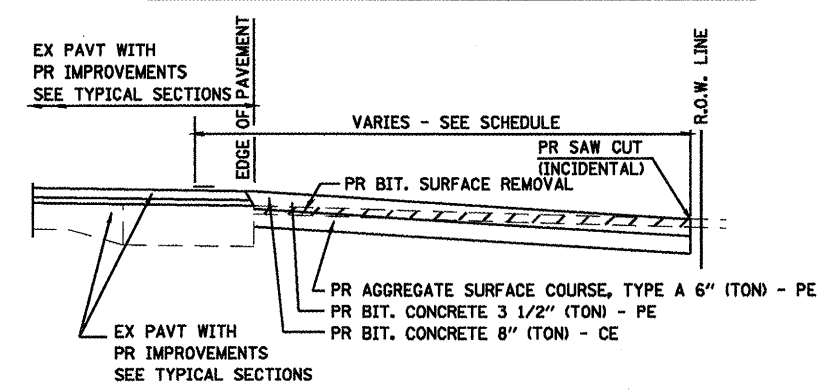
**DETAIL F - RURAL PE, CE OR FE**



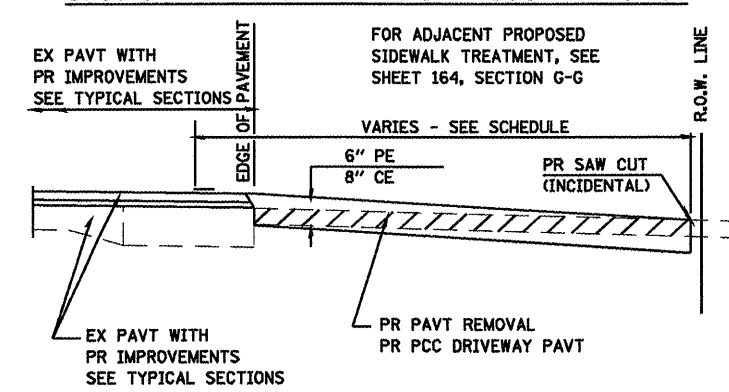
**SECTION H-H FOR EX EARTH/AGGREGATE FE & PE**



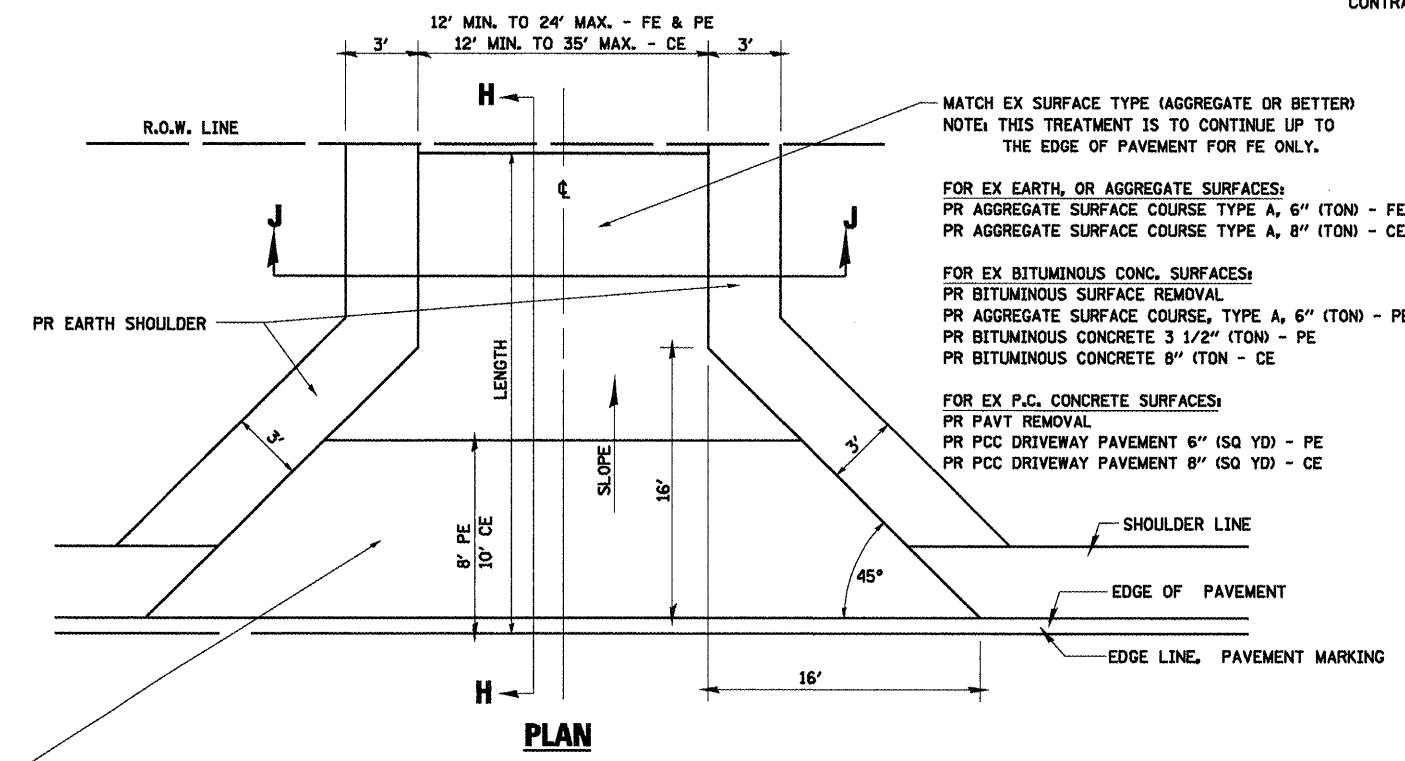
**SECTION H-H FOR EX EARTH/AGGREGATE CE**



**SECTION H-H FOR EX BITUMINOUS PE & CE**



**SECTION H-H FOR EX P.C. CONC. PE & CE**



**FOR EX EARTH, AGGREGATE, OR BITUMINOUS CONC SURFACES:**  
 PR BIT SURFACE REMOVAL (IF APPLICABLE)  
 PR AGGREGATE SURFACE COURSE TYPE A 6" (TON) - FE  
 PR AGGREGATE SURFACE COURSE TYPE A, 6" (TON) &  
 PR BITUMINOUS CONCRETE 3 1/2" (TON) - PE  
 PR BITUMINOUS CONCRETE 8" (TON) - CE

**FOR P.C. CONCRETE SURFACES:**  
 PR PAVT REMOVAL  
 PR PCC DRIVEWAY PAVT 6" (SQ YD) - PE  
 PR PCC DRIVEWAY PAVT 8" (SQ YD) - CE

**NOTES**

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

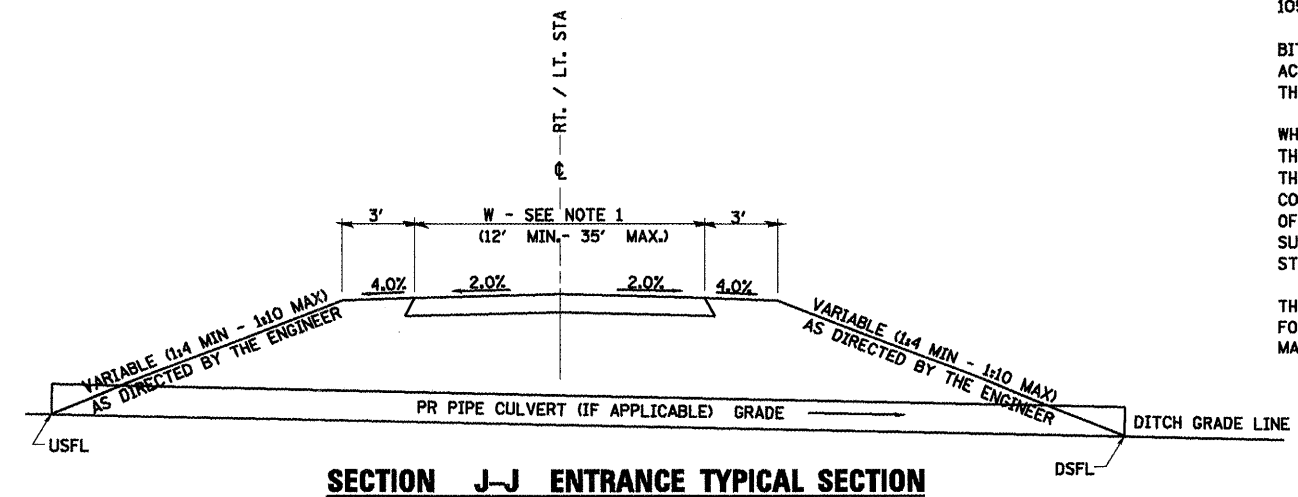
THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 3 INCHES AND REQUIRES PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 2 INCHES SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE C, CLASS I, TYPE 2 OF SECTION 406 OF THE STANDARD SPECIFICATIONS.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "INCIDENTAL BITUMINOUS SURFACING" WHICH SHALL INCLUDE ALL MATERIALS, EQUIPMENT, AND LABOR INVOLVED.



**SECTION J-J ENTRANCE TYPICAL SECTION**

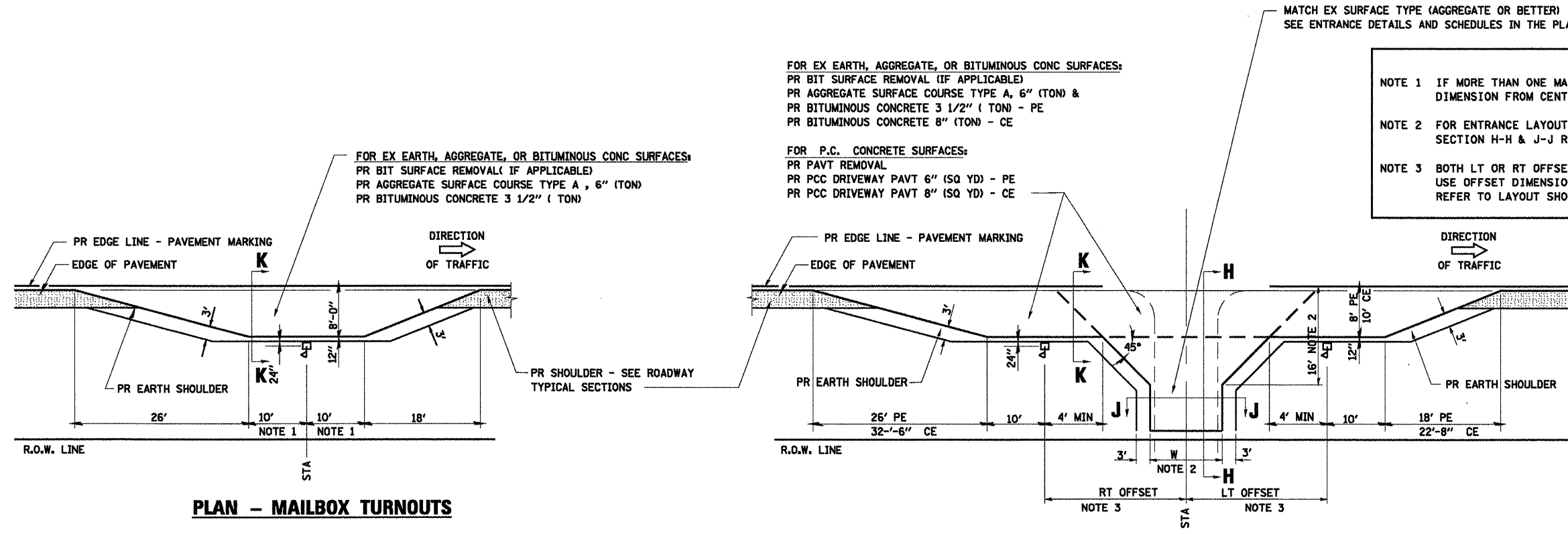
NOTE 1: WIDTH OF ENTRANCE MAY BE INCREASED AT THE PIPE CULVERT DUE TO THE DITCHLINE BEING LOCATED IN THE ENTRANCE FLARE AREA.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DETAILS FOR RURAL ENTRANCES IN SHOULDER SECTION**  
 SCALE: DRAWN BY DIST. 6  
 DATE: 08/05 CHECKED BY BWC

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	166
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72088				

### DETAIL G - RURAL MAILBOX TURNOUTS



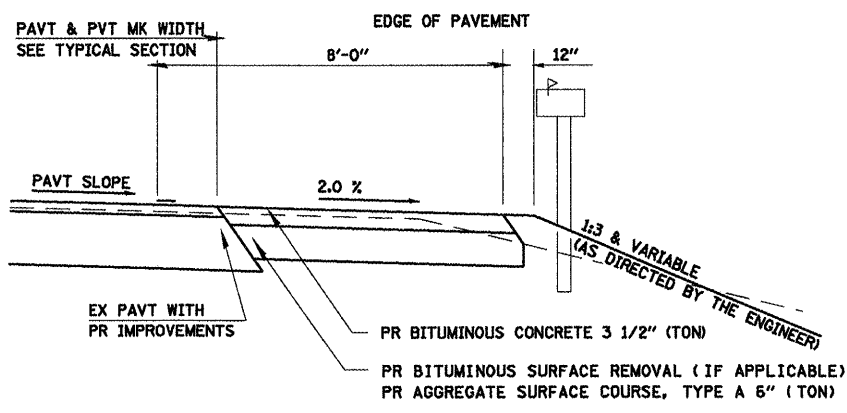
FOR EX EARTH, AGGREGATE, OR BITUMINOUS CONC SURFACES:  
 PR BIT SURFACE REMOVAL (IF APPLICABLE)  
 PR AGGREGATE SURFACE COURSE TYPE A, 6" (TON) &  
 PR BITUMINOUS CONCRETE 3 1/2" (TON) - PE  
 PR BITUMINOUS CONCRETE 8" (TON) - CE

FOR P.C. CONCRETE SURFACES:  
 PR PAVT REMOVAL  
 PR PCC DRIVEWAY PAVT 6" (SQ YD) - PE  
 PR PCC DRIVEWAY PAVT 8" (SQ YD) - CE

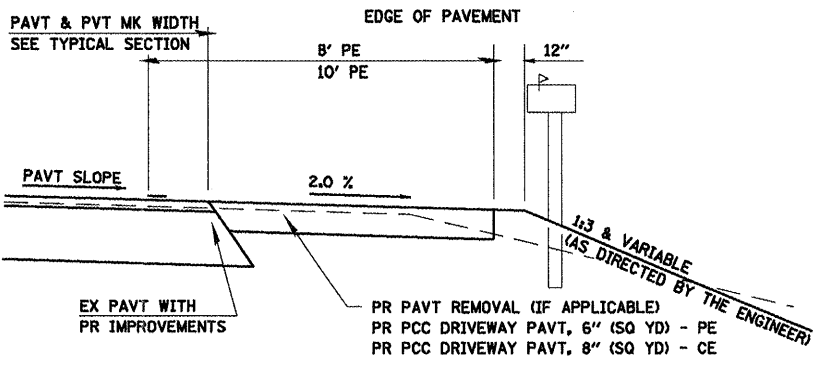
- MATCH EX SURFACE TYPE (AGGREGATE OR BETTER)  
 SEE ENTRANCE DETAILS AND SCHEDULES IN THE PLANS
- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
  - NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTION H-H & J-J REFER TO SHEET 5 OF 6.
  - NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

**PLAN - MAILBOX TURNOUTS**

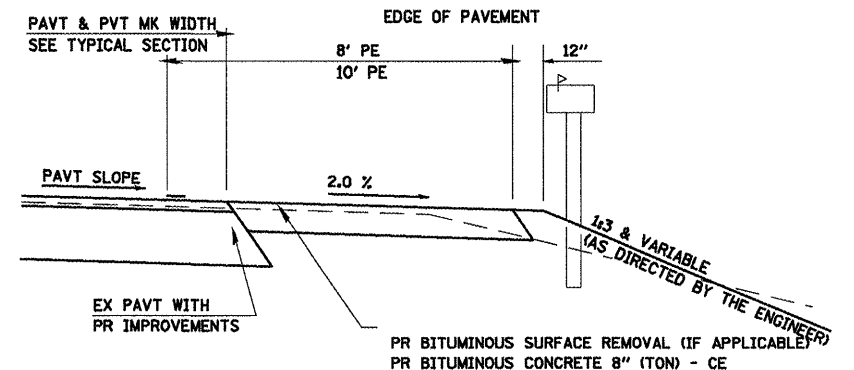
**PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE**



**SECTION K-K THRU MAILBOX TURNOUT  
 ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH  
 EX EARTH, AGGREGATE, OR BITUMINOUS PE & FE**



**SECTION K-K THRU MAILBOX TURNOUT  
 COMBINED WITH EX CONC PE OR CE**

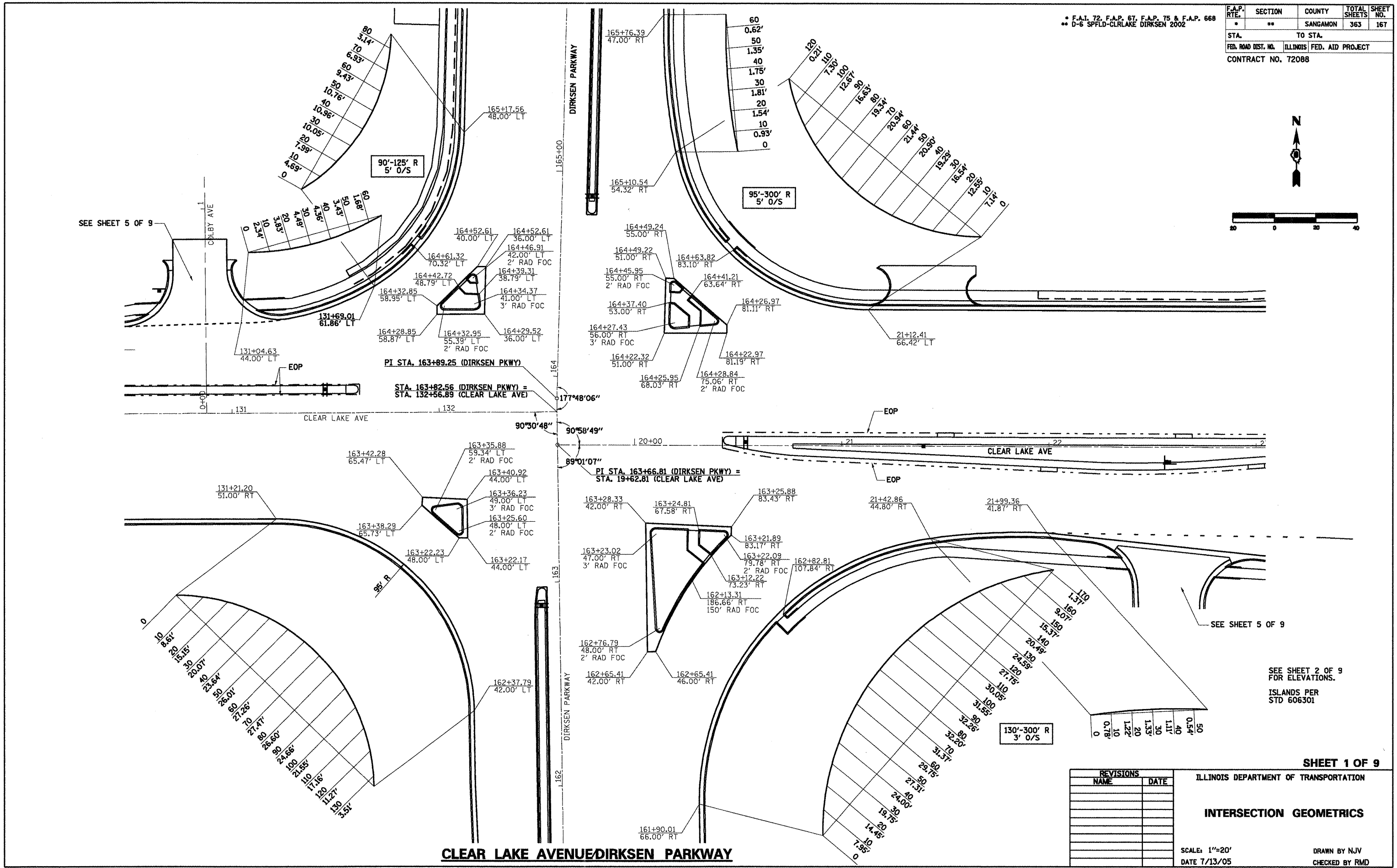
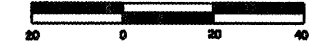


**SECTION K-K THRU MAILBOX TURNOUT  
 COMBINED WITH EX EARTH, AGGREGATE, OR BITUMINOUS CE**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION  <b>DETAILS FOR RURAL MAILBOX TURNOUTS IN SHOULDER SECTION</b>  SCALE: DRAWN BY DIST. 6 DATE: 08/05 CHECKED BY BWC
NAME	DATE	

F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	167
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72088				



SEE SHEET 2 OF 9 FOR ELEVATIONS.  
 ISLANDS PER STD 606301

SHEET 1 OF 9

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

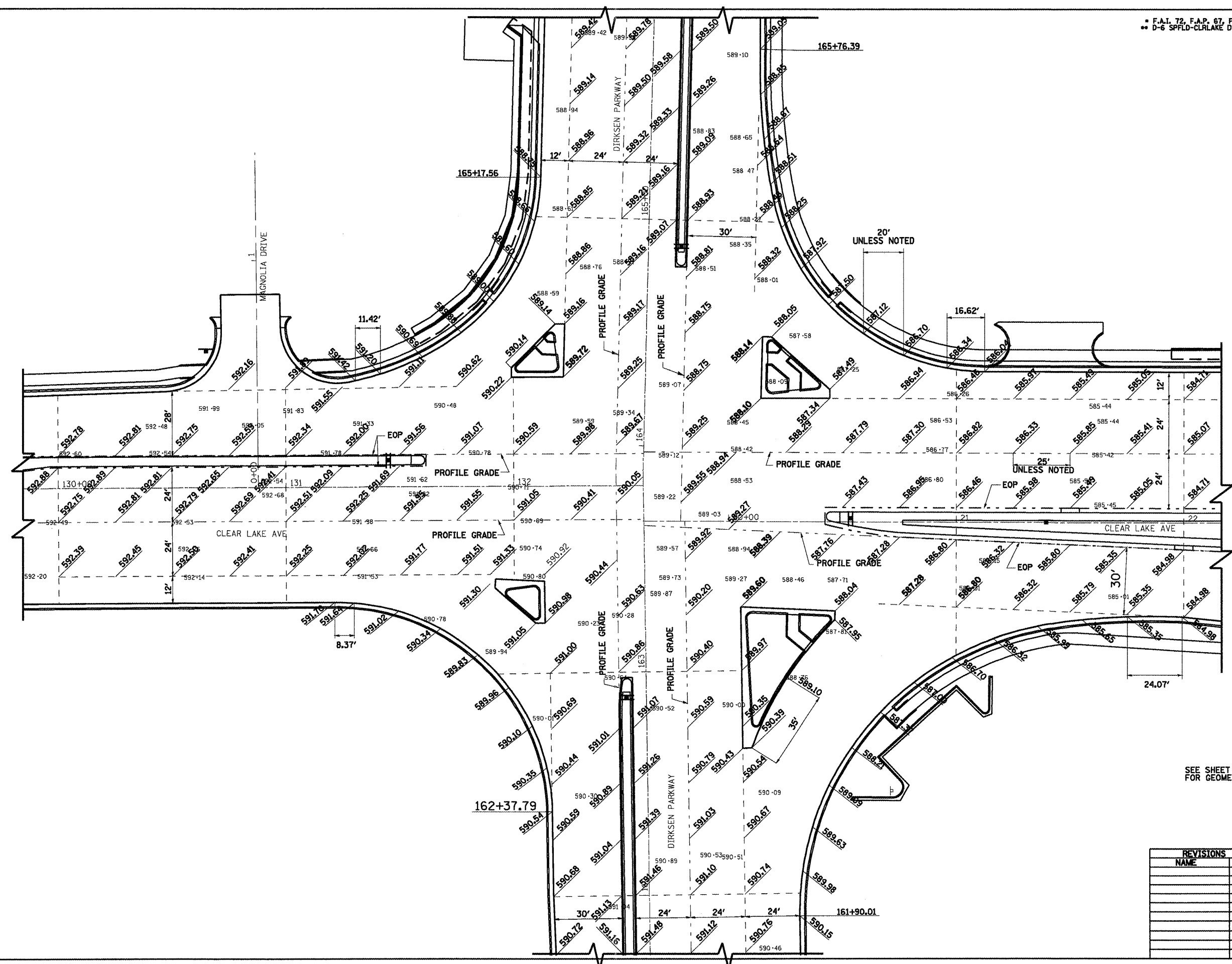
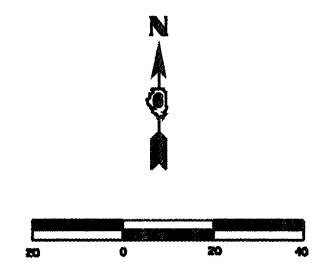
**INTERSECTION GEOMETRICS**

SCALE: 1"=20'  
 DATE 7/13/05

DRAWN BY NJV  
 CHECKED BY RMD

F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	**	SANGAMON	363	168
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



**LEGEND**

XXX.XX PROPOSED FINISHED ELEVATION

XXX.XX EXISTING SURFACE ELEVATION

SEE SHEET 1 OF 9 FOR GEOMETRY.

REVISIONS	
NAME	DATE

**SHEET 2 OF 9**

ILLINOIS DEPARTMENT OF TRANSPORTATION

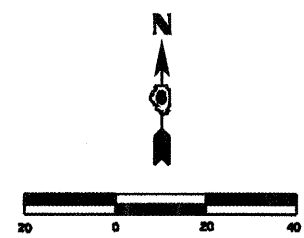
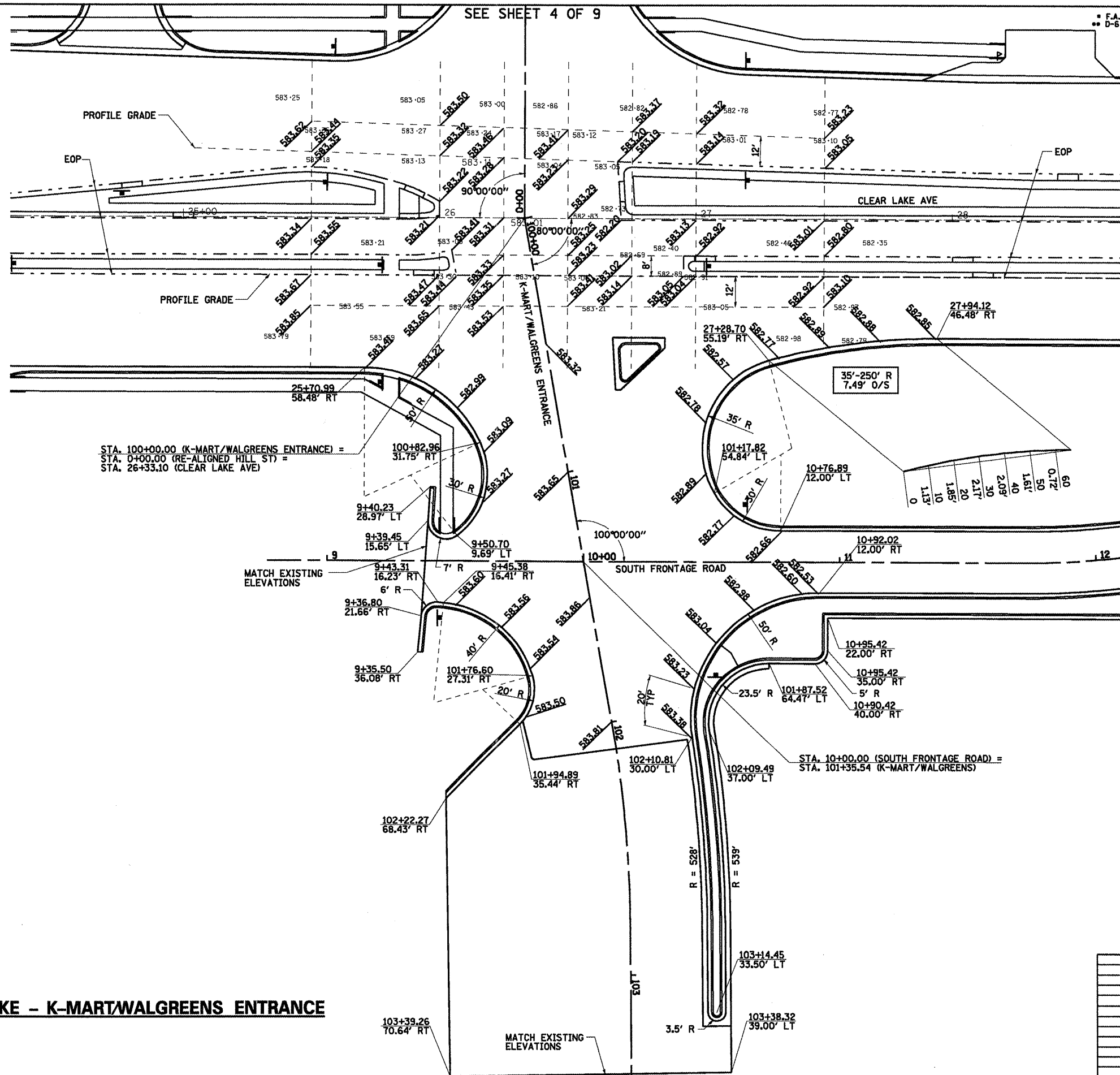
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SCALE: 1"=30'

DATE 7/13/05

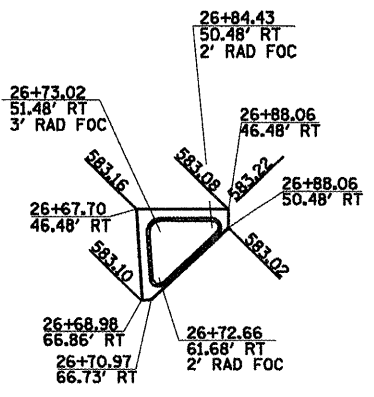
DRAWN BY NJV  
 CHECKED BY RMD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	169
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 72088				



**LEGEND**

- XXX.XX PROPOSED FINISHED ELEVATION
- xxx.xx EXISTING SURFACE ELEVATION



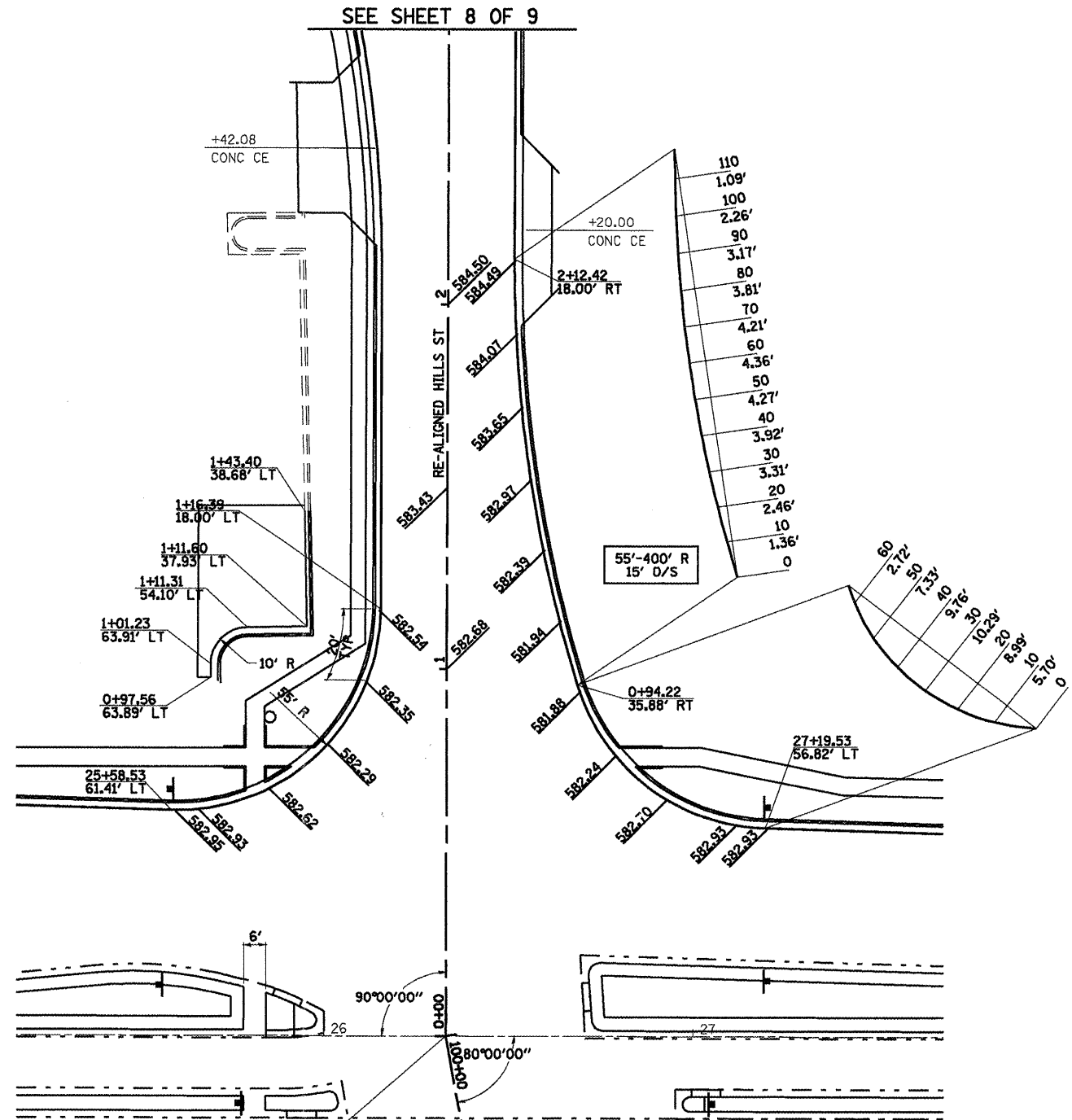
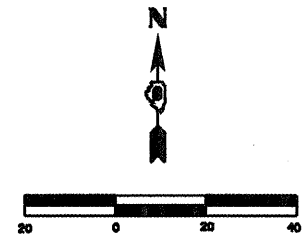
ISLANDS PER STD 606301

**CLEAR LAKE - K-MART/WALGREENS ENTRANCE**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION GEOMETRICS**  
 SCALE: 1"=20'  
 DATE 7/13/05  
 DRAWN BY NJV  
 CHECKED BY PBB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	170
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



STA. 100+00.00 (K-MART/WALGREENS ENTRANCE) =  
 STA. 0+00.00 (RE-ALIGNED HILL ST) =  
 STA. 26+33.10 (CLEAR LAKE AVE)

SEE SHEET 3 OF 9

SEE SHEET 8 OF 9

**CLEAR LAKE - RE-ALIGNED HILL ST**

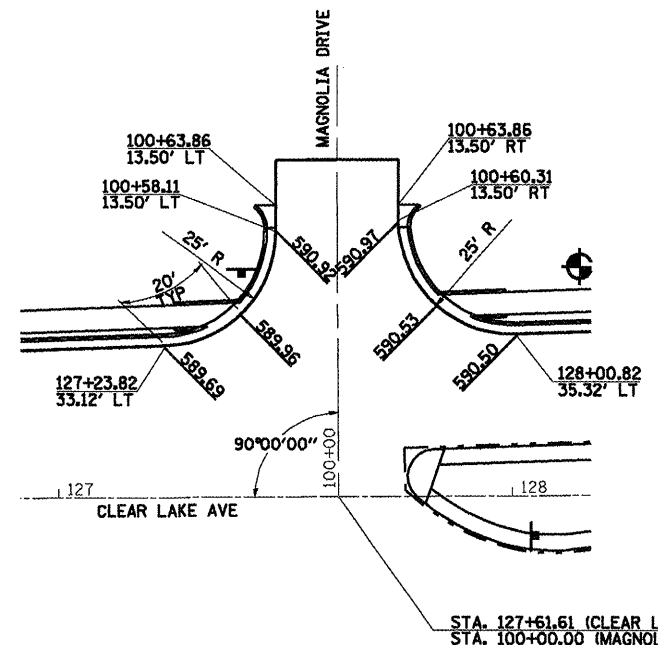
**LEGEND**  
 XXX.XX PROPOSED FINISHED ELEVATION

REVISIONS	
NAME	DATE

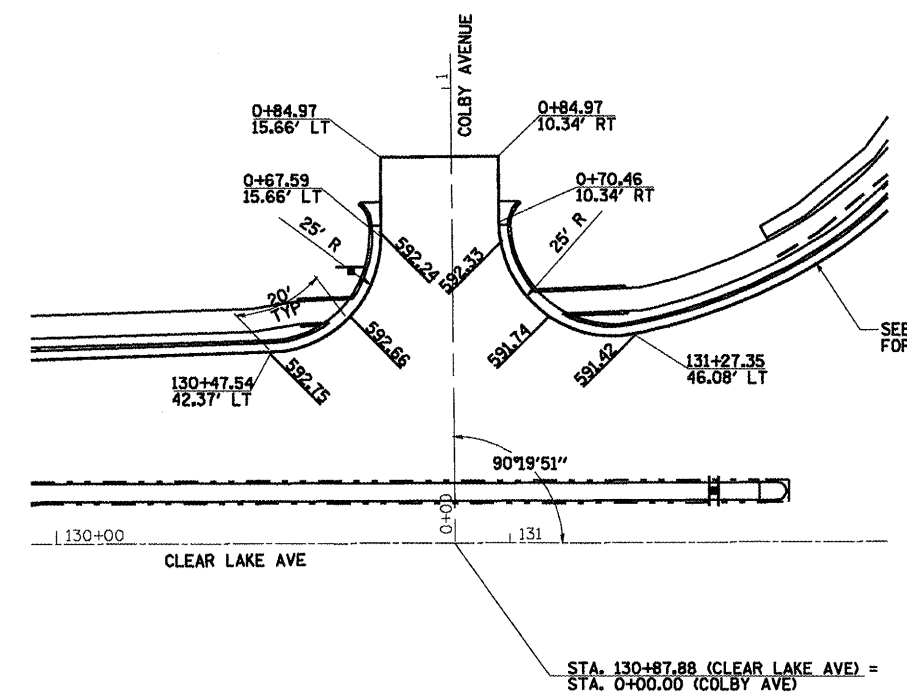
**SHEET 4 OF 9**  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION GEOMETRICS**  
 SCALE: 1"=20'  
 DATE 7/13/05  
 DRAWN BY NJV  
 CHECKED BY RMD

F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

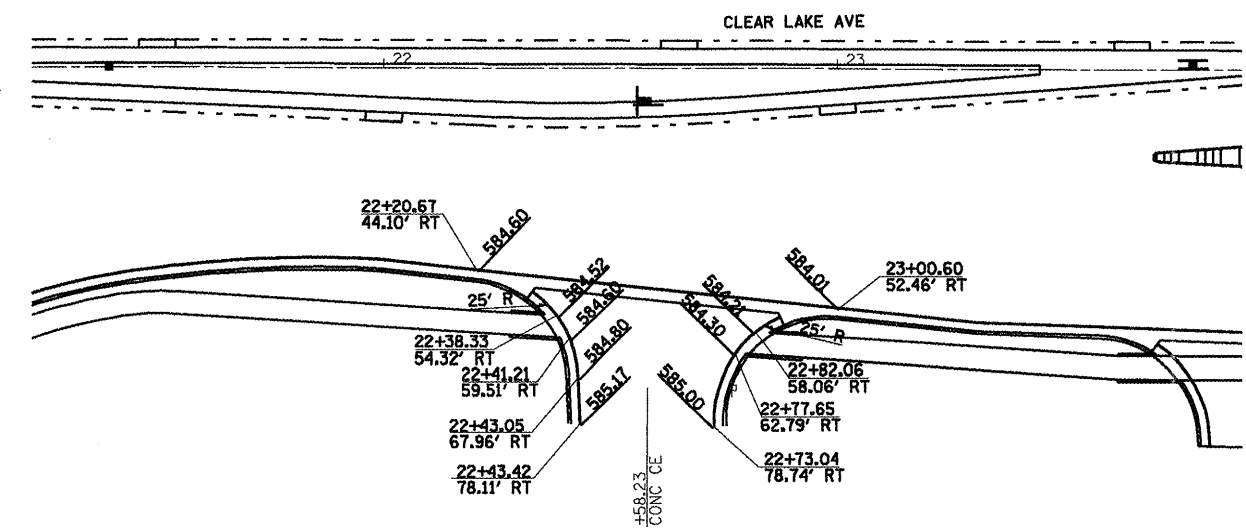
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	SANGAMON	363	171
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72088				



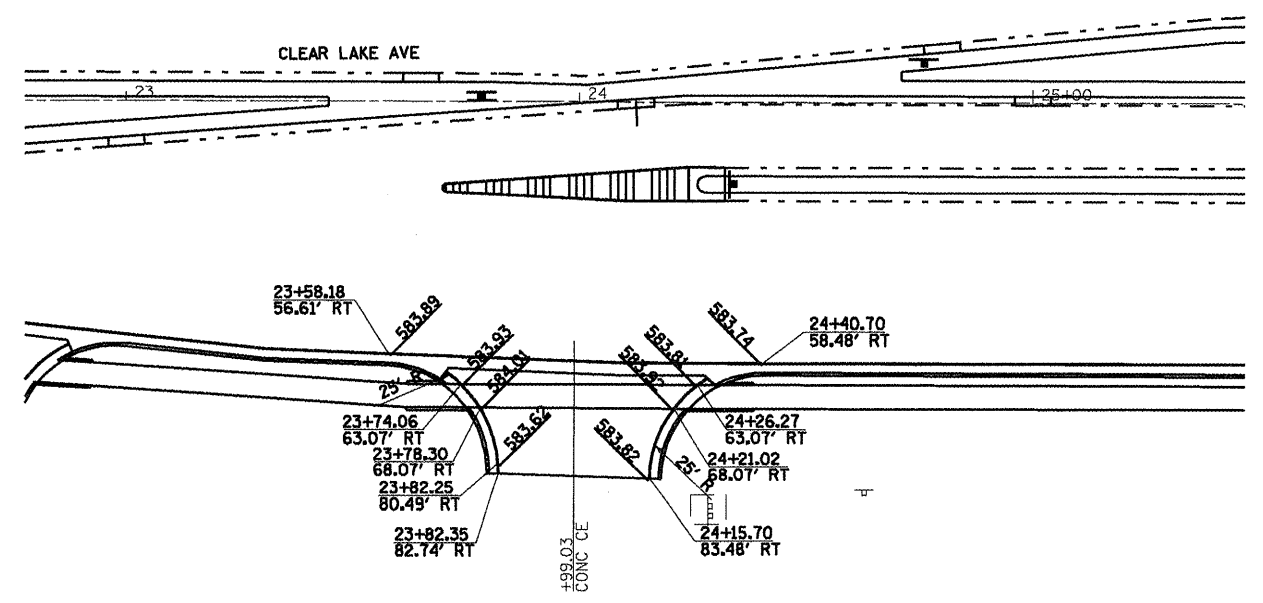
**CLEAR LAKE - MAGNOLIA DR**



**CLEAR LAKE - COLBY AVE**



**CLEAR LAKE - MCDONALD'S ENTRANCE**



**CLEAR LAKE - MCDONALD'S / WALGREENS ENTRANCE**

SHEET 5 OF 9

**LEGEND**  
 XXXXX PROPOSED FINISHED ELEVATION

REVISIONS	
NAME	DATE

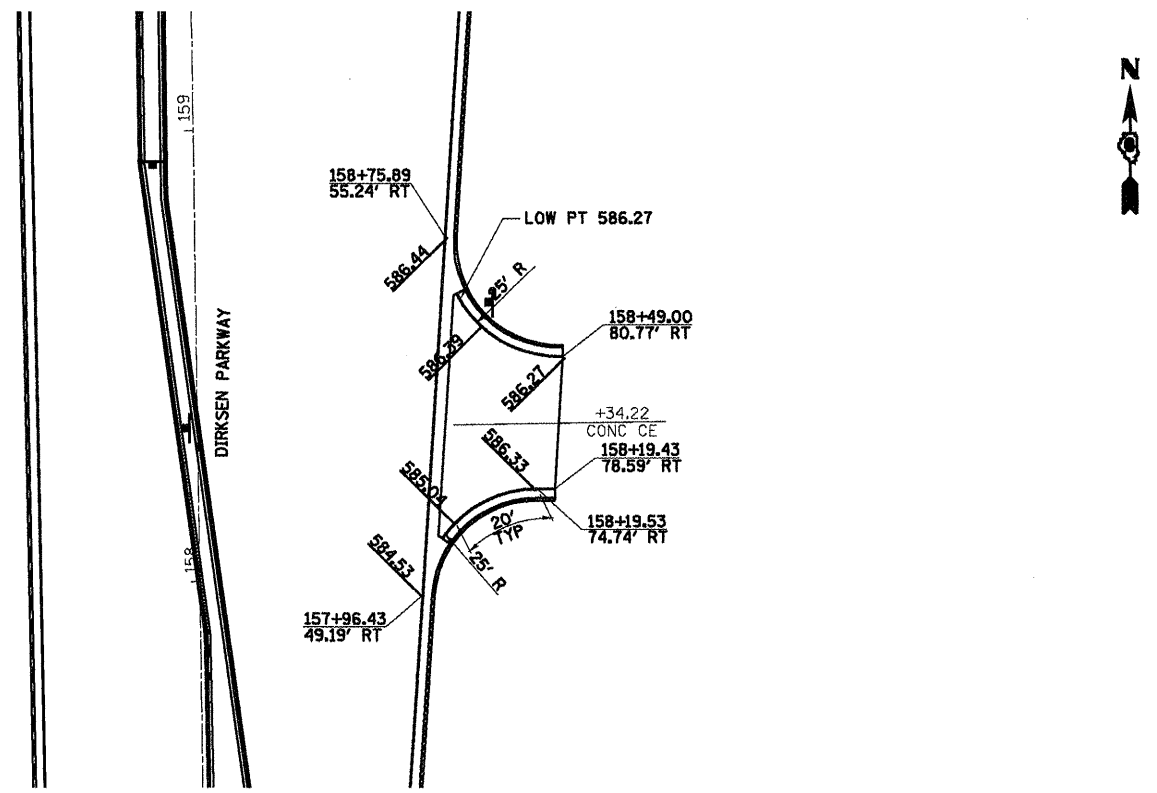
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION GEOMETRICS**  
 SCALE: 1"=20'  
 DATE 7/13/05  
 DRAWN BY NJV  
 CHECKED BY RMD



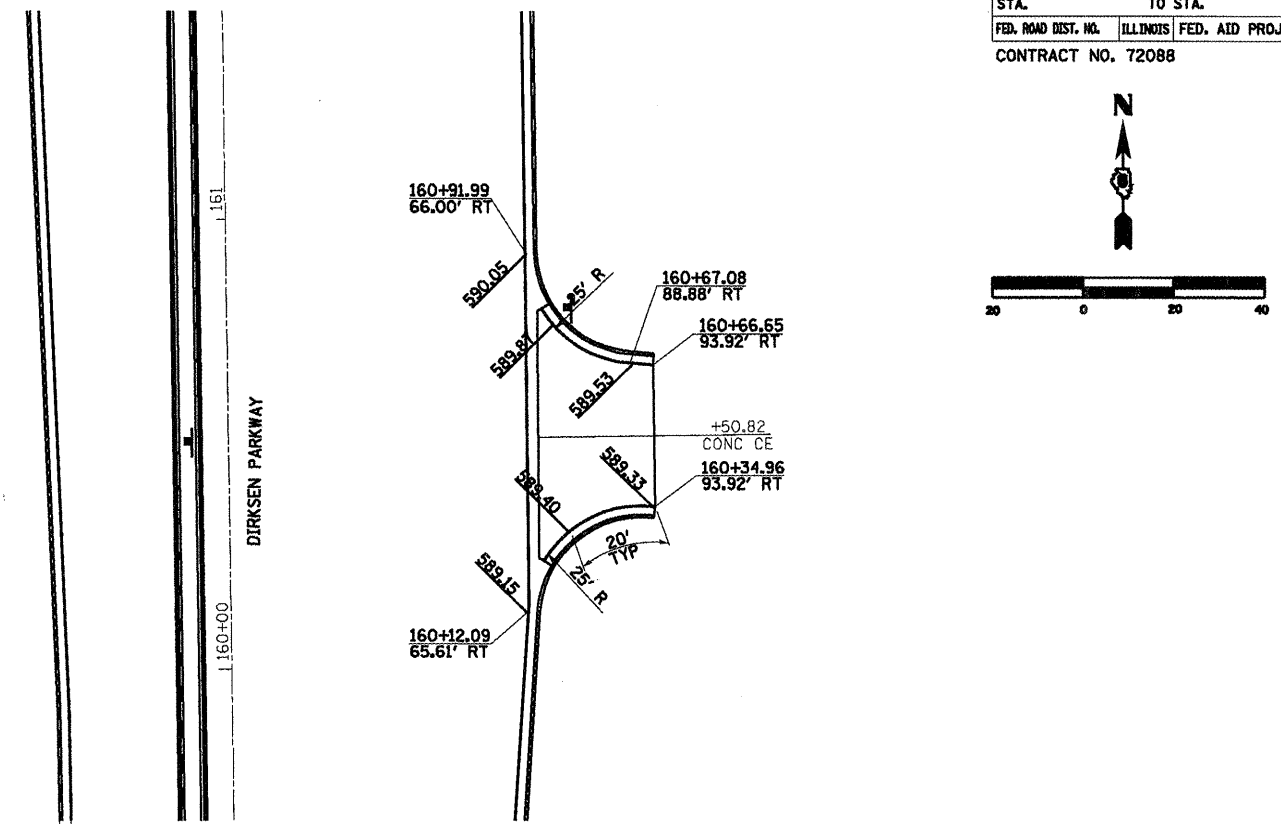


• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 • D-6 SPFLD-CLRLAKE DIRKSEN 2002

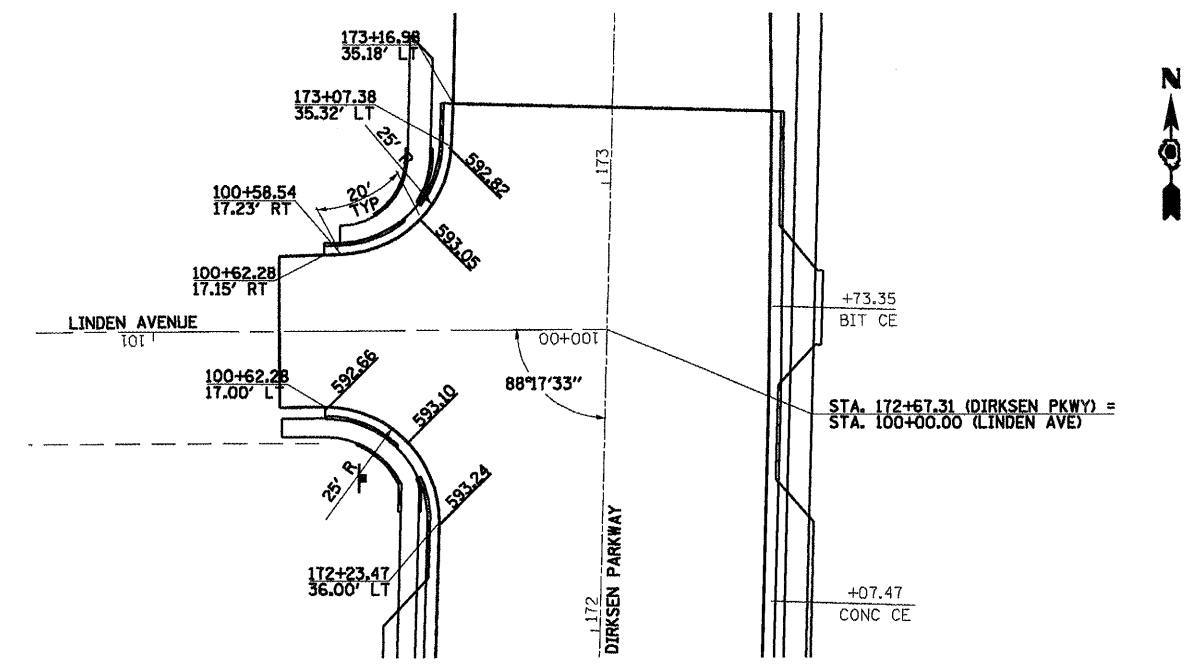
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	173
STA. TO STA.				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				



**DIRKSEN - JP MORGAN CHASE BANK**



**DIRKSEN - STARBUCKS ENTRANCE**



**DIRKSEN - LINDEN AVE**

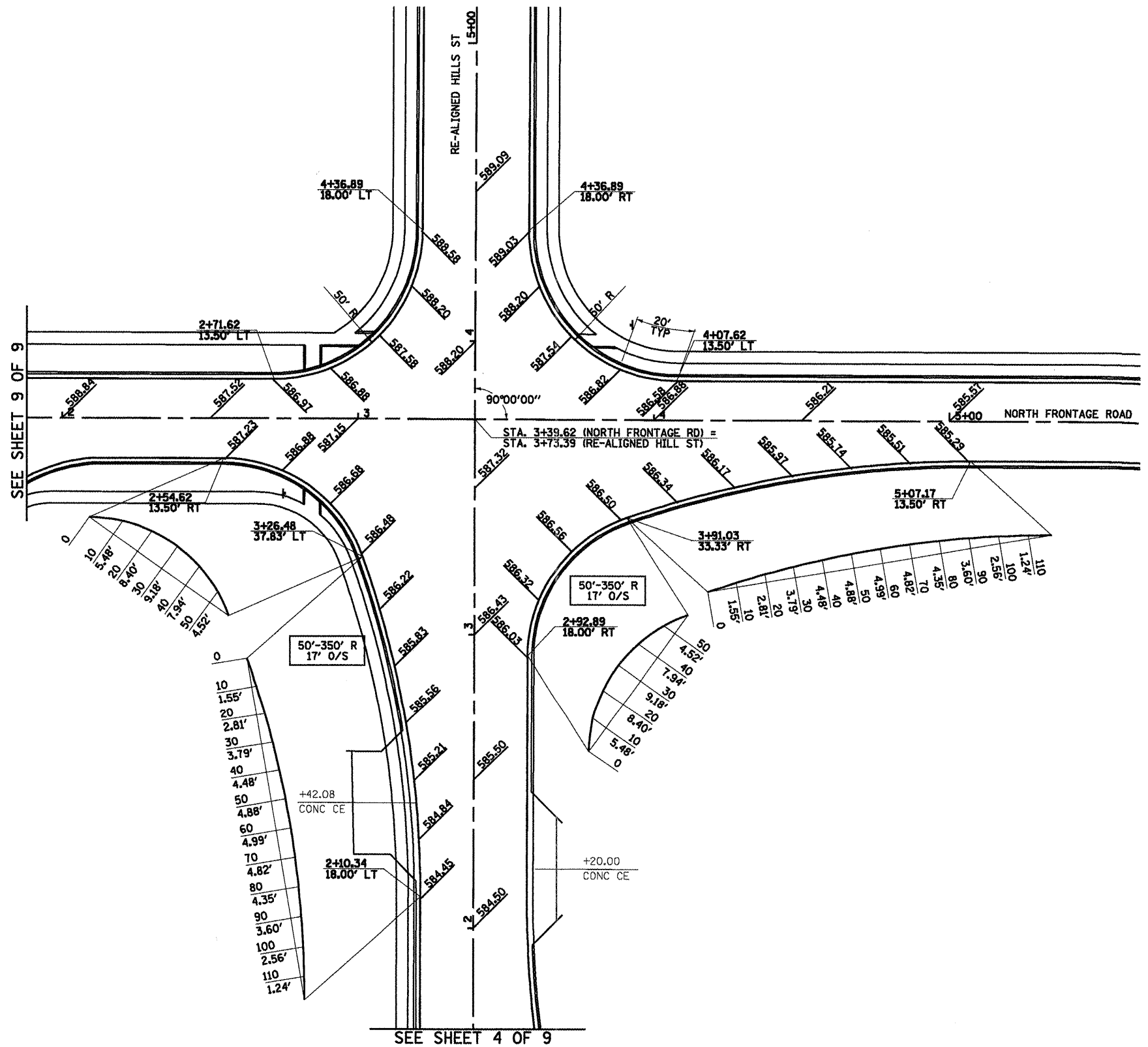
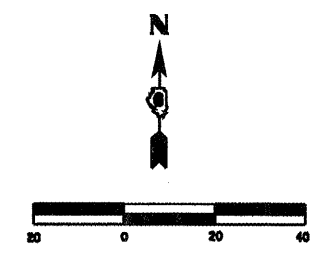
**LEGEND**  
 XXX.XX PROPOSED FINISHED ELEVATION

REVISIONS	
NAME	DATE

**SHEET 7 OF 9**  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION GEOMETRICS**  
 SCALE: 1"=20'  
 DATE 7/13/05  
 DRAWN BY NJV  
 CHECKED BY RMD

F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	174
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72088				



SEE SHEET 9 OF 9

SEE SHEET 4 OF 9

**LEGEND**  
 XXX.XX PROPOSED FINISHED ELEVATION

SHEET 8 OF 9

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

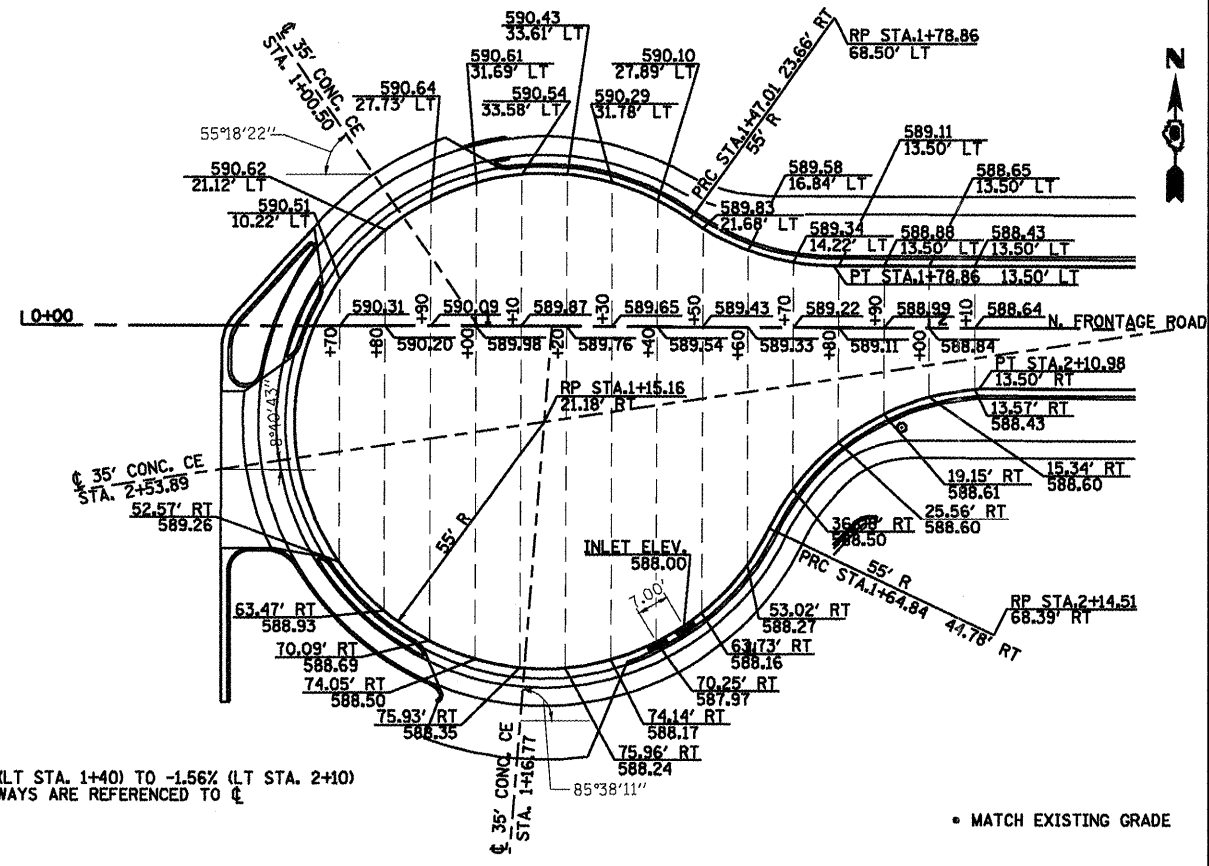
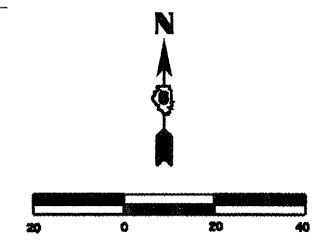
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SCALE: 1"=20'  
 DATE 7/13/05

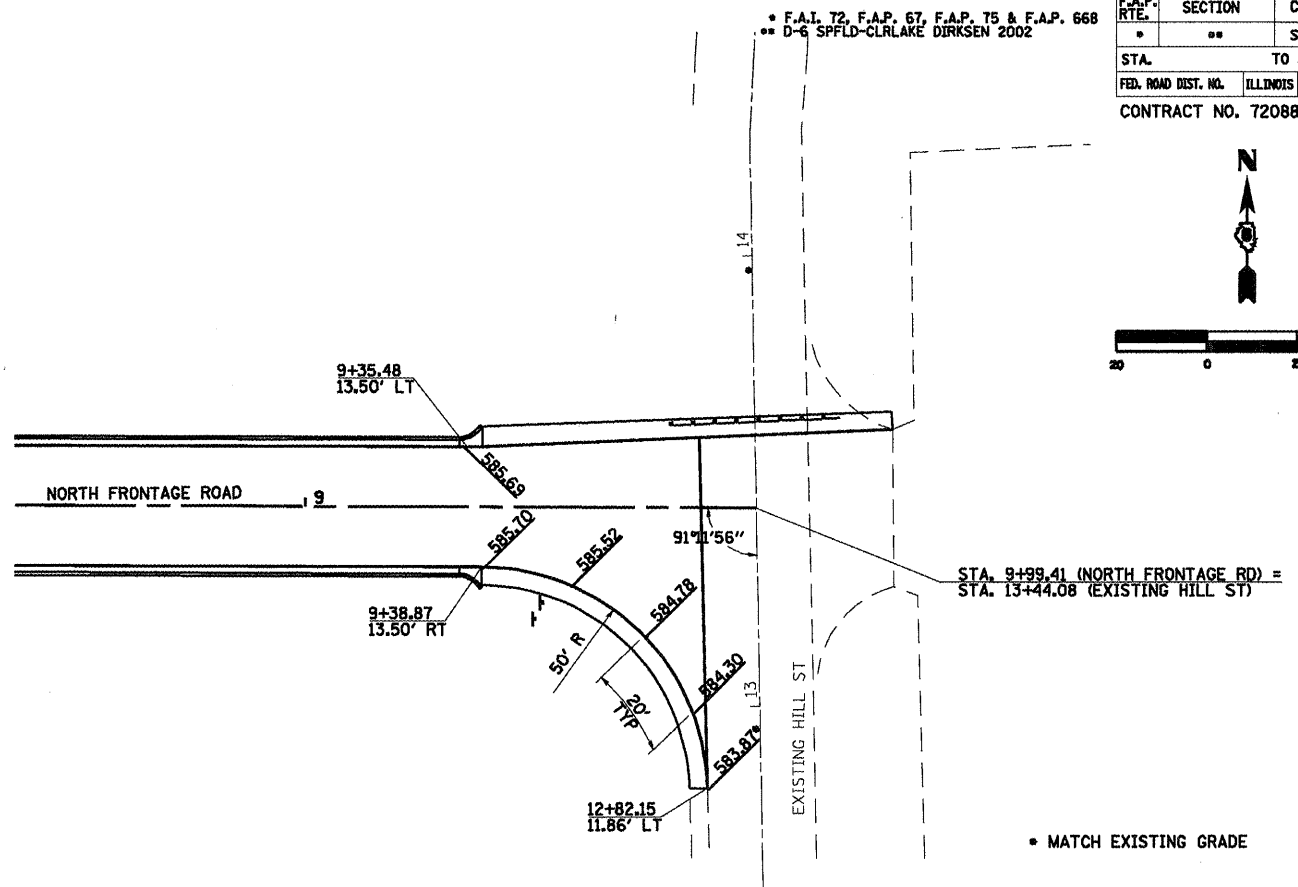
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 CHECKED BY PBB

**NORTH FRONTAGE RD - RE-ALIGNED HILL ST**

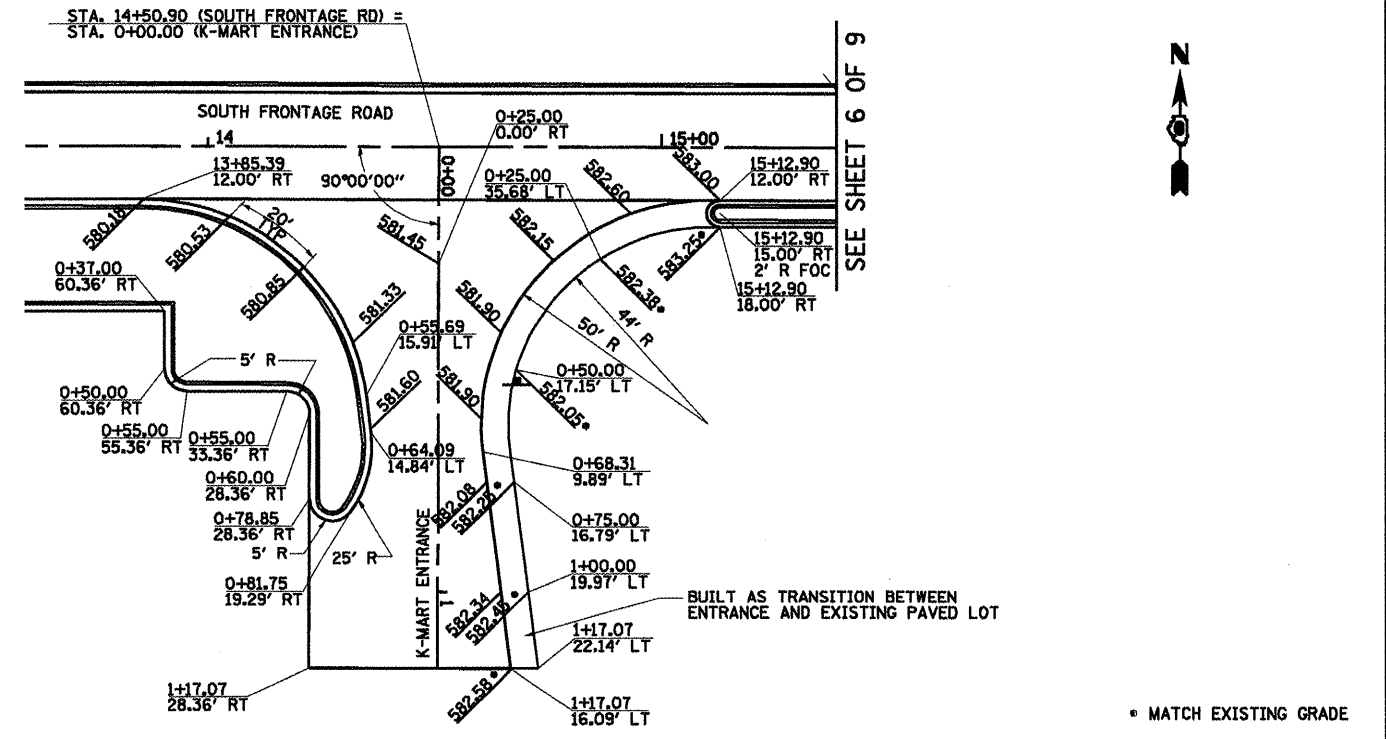
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	175
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72088				



**NORTH FRONTAGE RD - ARROW TRUCKING ENTRANCE**



**NORTH FRONTAGE RD - EXISTING HILL ST**



**SOUTH FRONTAGE RD - K-MART ENTRANCE**

**LEGEND**  
 XXX.XX PROPOSED FINISHED ELEVATION

REVISIONS	
NAME	DATE
TJH	11/14/07

**SHEET 9 OF 9**  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
**INTERSECTION GEOMETRICS**  
 SCALE: 1"=20'  
 DATE 7/13/05  
 DRAWN BY NJV  
 CHECKED BY RMD

**TRAFFIC SIGNAL PLAN LEGEND**

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		AERIAL CABLE
		CONDUIT
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		21 SIDEWALK REMOVAL IN SQ M (SQ FT)
		9 PC CONC SDWLK 100 mm IN SQ M (SQ YD)
		12 PC CONC SDWLK 100 mm SPECIAL IN SQ M ( SQ YD)

**TRAFFIC SIGNAL WIRING DIAGRAM LEGEND**

EXISTING	PROPOSED	DESCRIPTION
		200 mm (8") SIGNAL SECTION
		300 mm (12") SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		225 mm ( 9") PEDESTRIAN SIGNAL FACE
		300 mm (12") PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN ( TWISTED )
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR
		VIDEO DETECTION CAMERA
		EMERGENCY VEHICLE PREEMPTOR



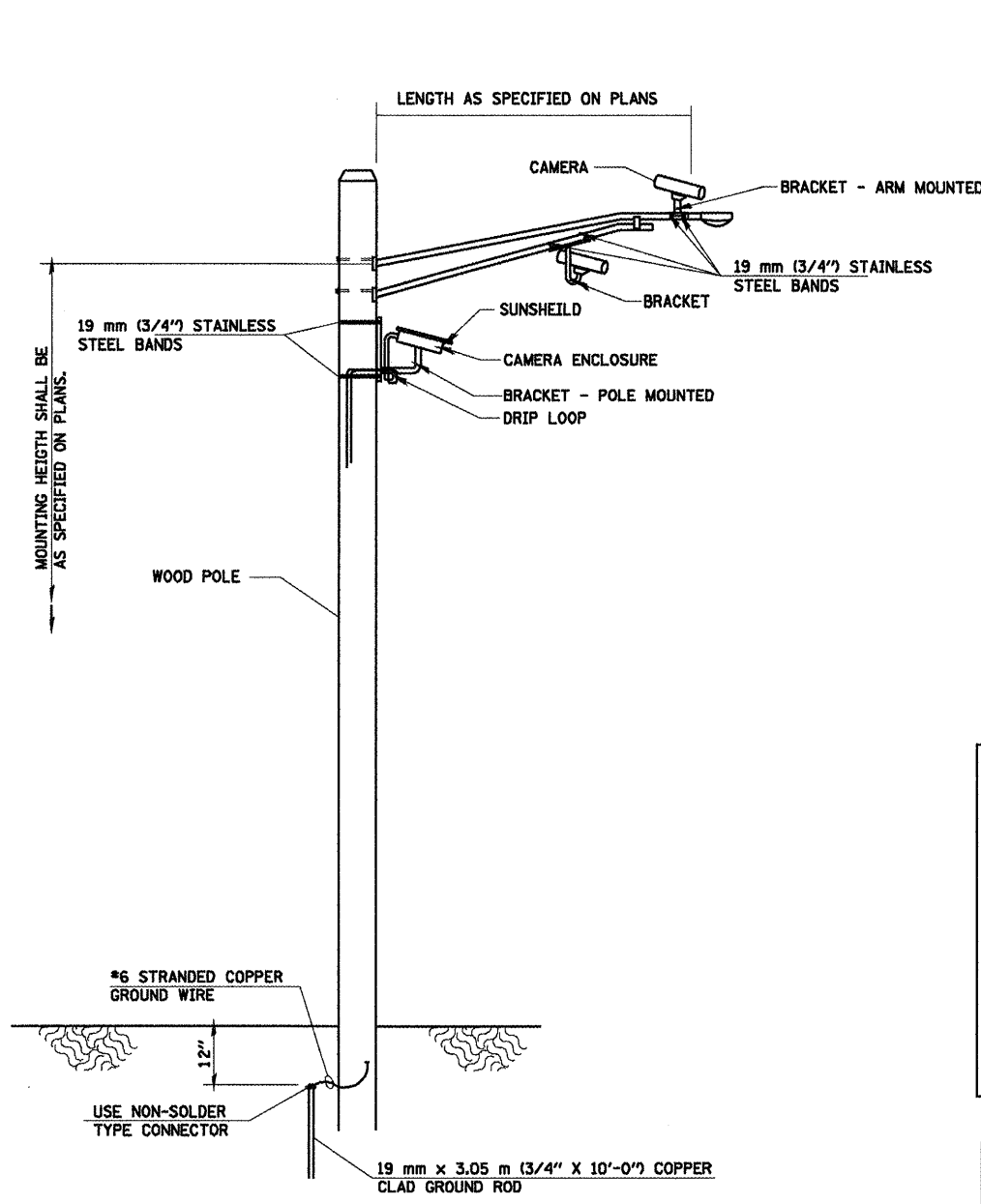
\* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

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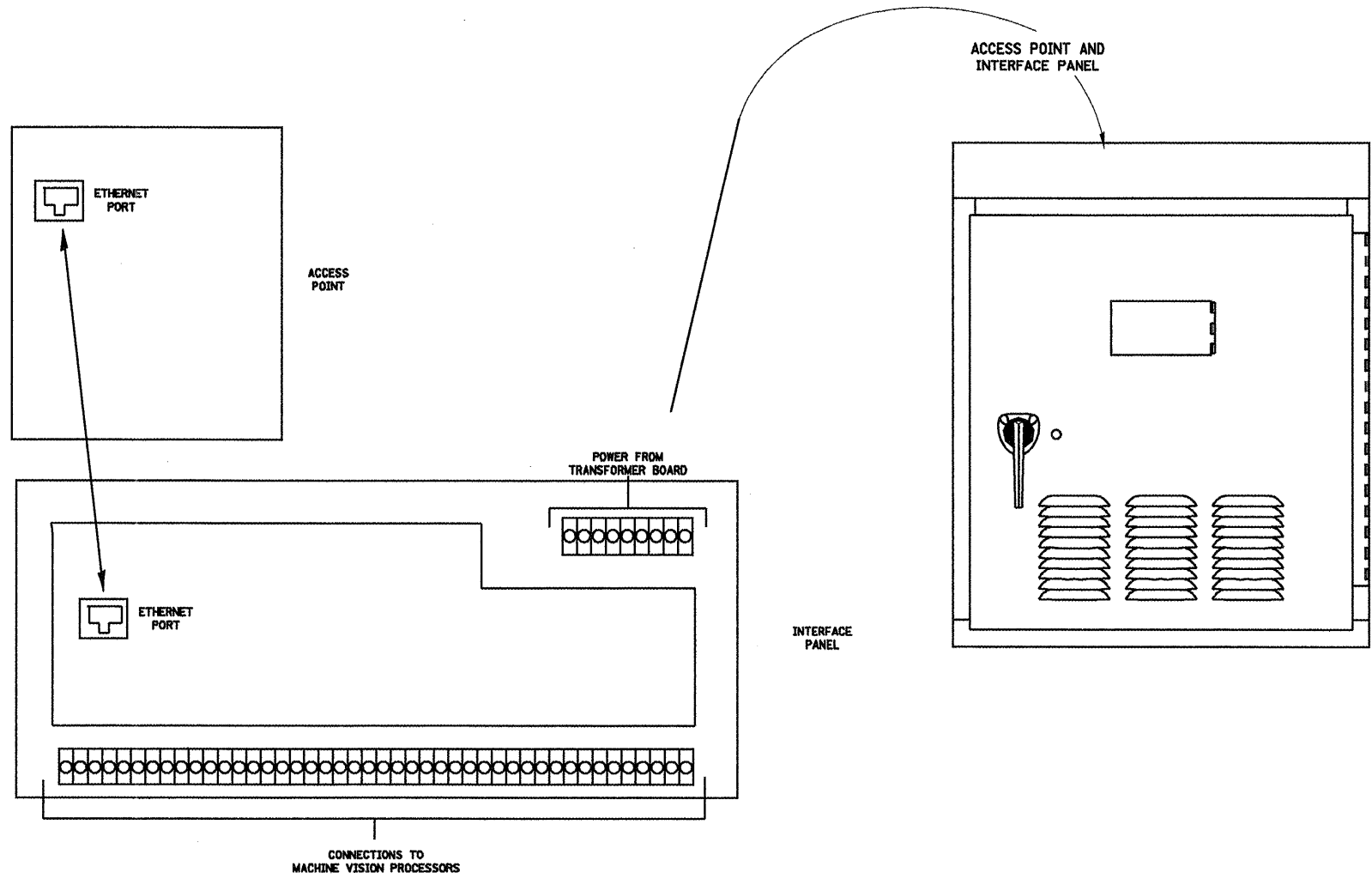
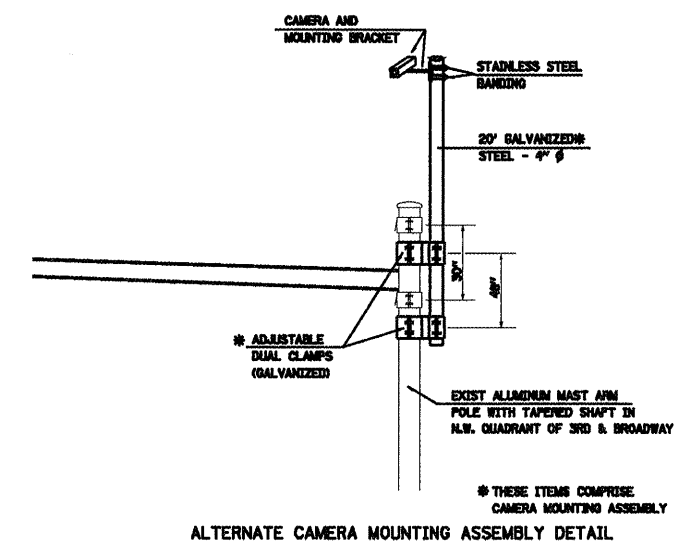
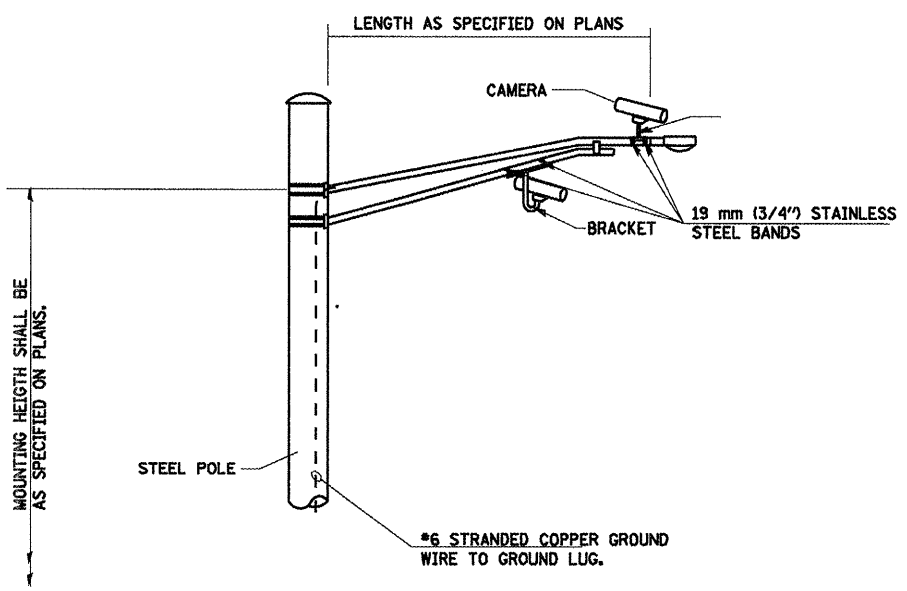
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

LEGEND FOR TRAFFIC SIGNAL DETAILS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	SANGAMON	363	176
CONTRACT NO. 72088				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**VIDEO DETECTION SYSTEM INSTALLATION  
ARM MOUNTED OR POLE MOUNTED CAMERA**



FILE NAME =	USER NAME = laughlinr1
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DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

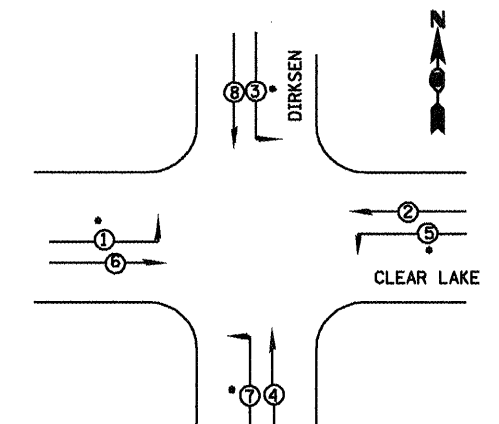
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668 ** D-6 SPFLD-CLRLAKE DIRKSEN 2002				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	177
CONTRACT NO. 72088				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

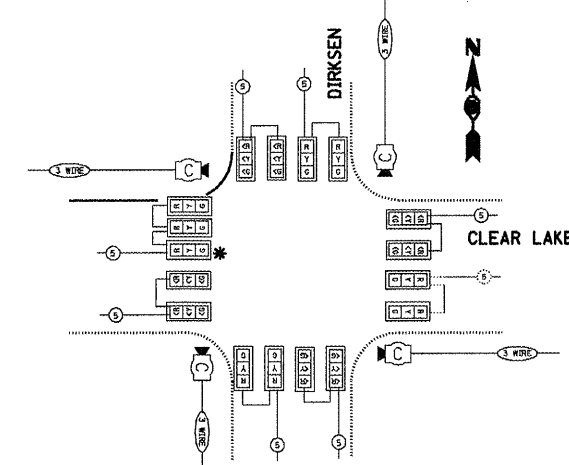
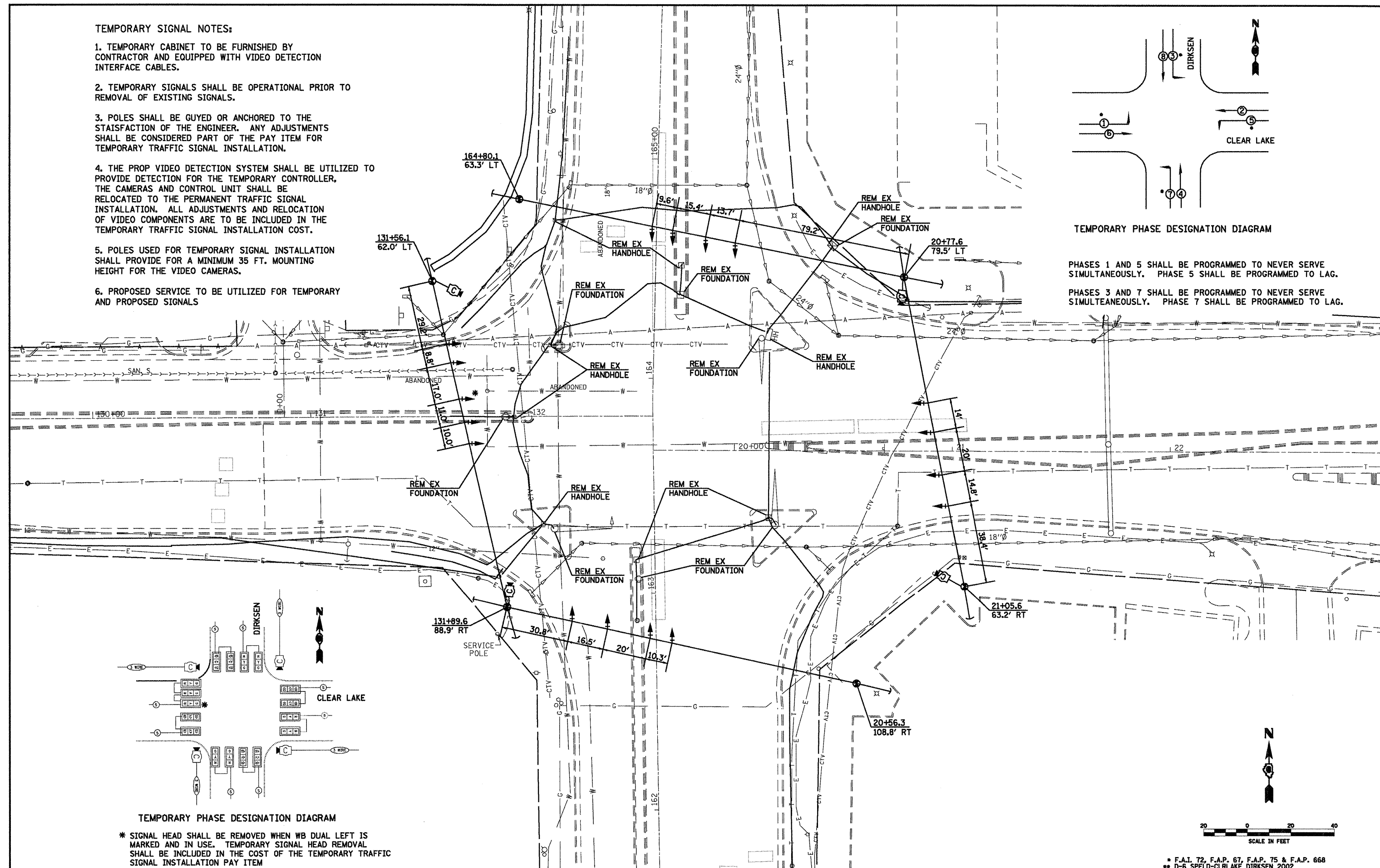
**TEMPORARY SIGNAL NOTES:**

1. TEMPORARY CABINET TO BE FURNISHED BY CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES.
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO REMOVAL OF EXISTING SIGNALS.
3. POLES SHALL BE GUYED OR ANCHORED TO THE STAISFACTION OF THE ENGINEER. ANY ADJUSTMENTS SHALL BE CONSIDERED PART OF THE PAY ITEM FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
4. THE PROP VIDEO DETECTION SYSTEM SHALL BE UTILIZED TO PROVIDE DETECTION FOR THE TEMPORARY CONTROLLER, THE CAMERAS AND CONTROL UNIT SHALL BE RELOCATED TO THE PERMANENT TRAFFIC SIGNAL INSTALLATION. ALL ADJUSTMENTS AND RELOCATION OF VIDEO COMPONENTS ARE TO BE INCLUDED IN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION COST.
5. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR A MINIMUM 35 FT. MOUNTING HEIGHT FOR THE VIDEO CAMERAS.
6. PROPOSED SERVICE TO BE UTILIZED FOR TEMPORARY AND PROPOSED SIGNALS



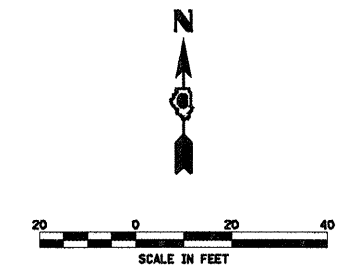
TEMPORARY PHASE DESIGNATION DIAGRAM

PHASES 1 AND 5 SHALL BE PROGRAMMED TO NEVER SERVE SIMULTANEOUSLY. PHASE 5 SHALL BE PROGRAMMED TO LAG.  
 PHASES 3 AND 7 SHALL BE PROGRAMMED TO NEVER SERVE SIMULTEANEOUSLY. PHASE 7 SHALL BE PROGRAMMED TO LAG.



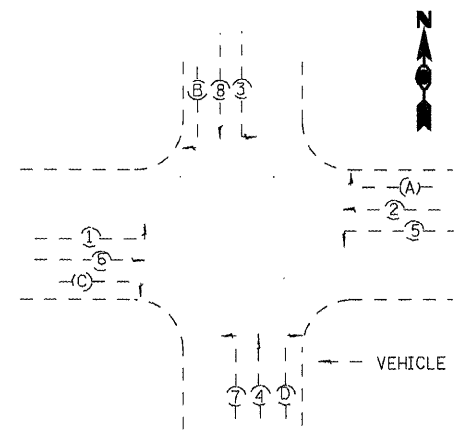
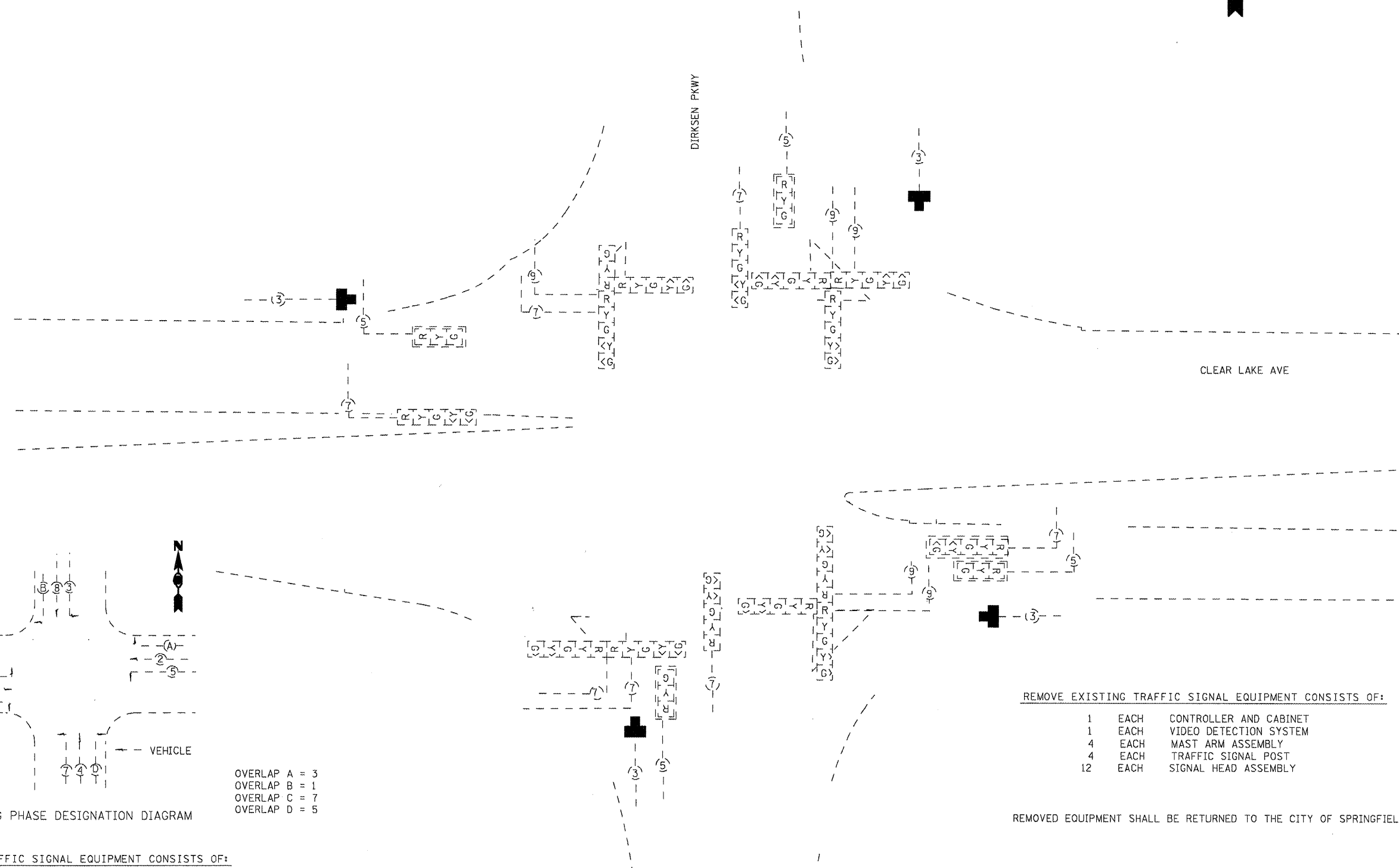
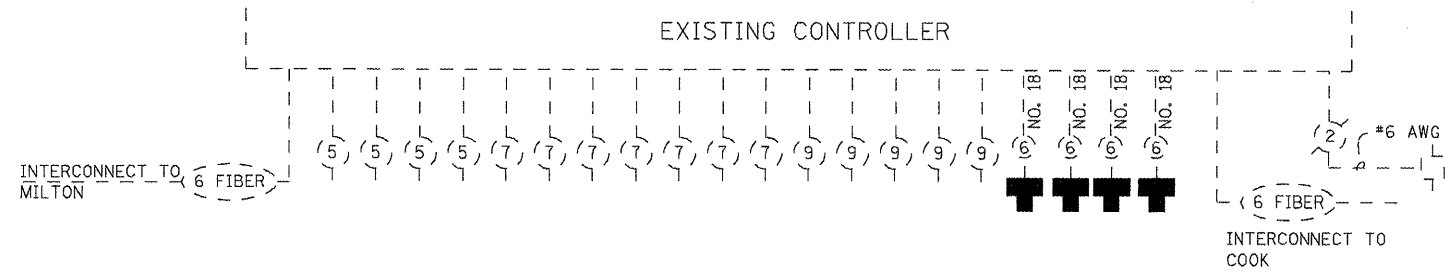
TEMPORARY PHASE DESIGNATION DIAGRAM

\* SIGNAL HEAD SHALL BE REMOVED WHEN WB DUAL LEFT IS MARKED AND IN USE. TEMPORARY SIGNAL HEAD REMOVAL SHALL BE INCLUDED IN THE COST OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM



F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 D-6 SPFLD-CLR LAKE DIRKSEN 2002

FILE NAME =	USER NAME = laughl1nr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\PW1007\LAUGHL\INRL\d0183448\T2_Sheets.dgn		DRAWN -	REVISED -							SANGAMON	363	178	
PLOT SCALE = 48.0000' / IN.		CHECKED -	REVISED -										
PLOT DATE = Feb-09-2010 02:50:39PM		DATE -	REVISED -										
CONTRACT NO. 72088													



EXISTING PHASE DESIGNATION DIAGRAM

OVERLAP A = 3  
 OVERLAP B = 1  
 OVERLAP C = 7  
 OVERLAP D = 5

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

- 1 EACH CONTROLLER AND CABINET
- 1 EACH VIDEO DETECTION SYSTEM
- 4 EACH MAST ARM ASSEMBLY
- 4 EACH TRAFFIC SIGNAL POST
- 12 EACH SIGNAL HEAD ASSEMBLY

REMOVED EQUIPMENT SHALL BE RETURNED TO THE CITY OF SPRINGFIELD

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT CONSISTS OF:

DETECTOR LOOP RACKS AND AMPLIFIERS

REMOVED EQUIPMENT SHALL BE RETURNED TO THE CITY OF SPRINGFIELD

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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		DATE -	REVISED -

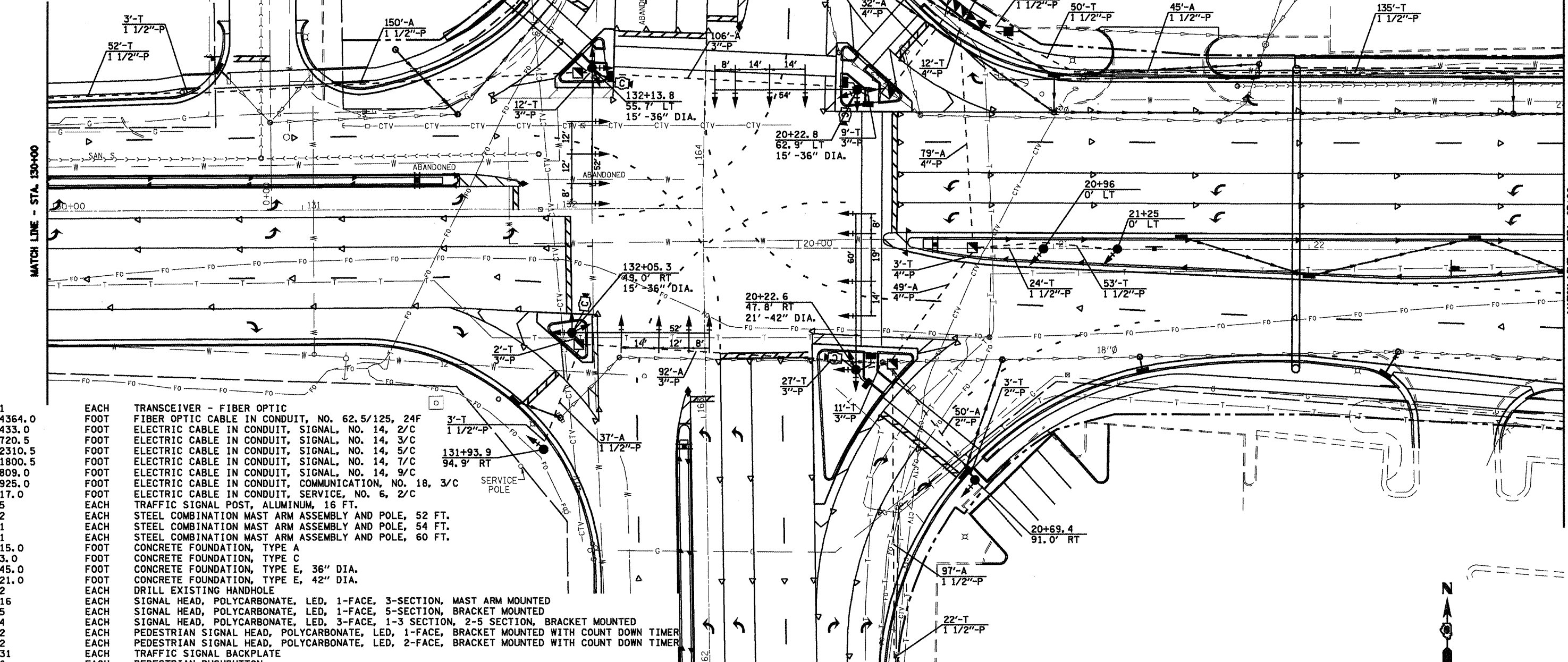
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668		** D-6 SPFLD-CLR.LAKE DIRKSEN 2002	
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
.	..	SANGAMON	363
			SHEET NO. 179
		CONTRACT NO. 72088	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNAL QUANTITIES

LOCATION+ QUANTITY	CLEAR LAKE & DIRKSEN UNIT	ITEM
52.5	SQ FT	SIGN PANEL, TYPE II
1	EACH	SERVICE INSTALLATION, TYPE A
1	EACH	LIGHT POLE, 25 FT., CLASS 4
1156.0	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
3.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
52.0	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
24.0	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC
524.0	FOOT	CONDUIT, AUGERED, 1 1/2" DIA., PVC
50.0	FOOT	CONDUIT, AUGERED, 2" DIA., PVC
198.0	FOOT	CONDUIT, AUGERED, 3" DIA., PVC
160.0	FOOT	CONDUIT, AUGERED, 4" DIA., PVC
4	EACH	JUNCTION BOX (SPECIAL)
5	EACH	HANDHOLE
1	EACH	DOUBLE HANDHOLE
1235.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
925.0	FOOT	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 3-1/C #12
4	EACH	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTOCELL CONTROL, 400 WATT
1	EACH	FULL ACTUATED CONTROLLER AND TYPE IV CABINET
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, STANDARD



1	EACH	TRANSCEIVER - FIBER OPTIC
4364.0	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 24F
433.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 2/C
720.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 3/C
2310.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C
1800.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7/C
809.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 9/C
925.0	FOOT	ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C
17.0	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6, 2/C
5	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 52 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 54 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 60 FT.
15.0	FOOT	CONCRETE FOUNDATION, TYPE A
3.0	FOOT	CONCRETE FOUNDATION, TYPE C
45.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
21.0	FOOT	CONCRETE FOUNDATION, TYPE E, 42" DIA.
2	EACH	DRILL EXISTING HANDHOLE
16	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
5	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER
31	EACH	TRAFFIC SIGNAL BACKPLATE
6	EACH	PEDESTRIAN PUSHBUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
2694.0	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
8	EACH	REMOVE EXISTING HANDHOLE
8	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
683.5	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)

NOTES:  
 1.) TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER



\* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLR LAKE DIRKSEN 2002

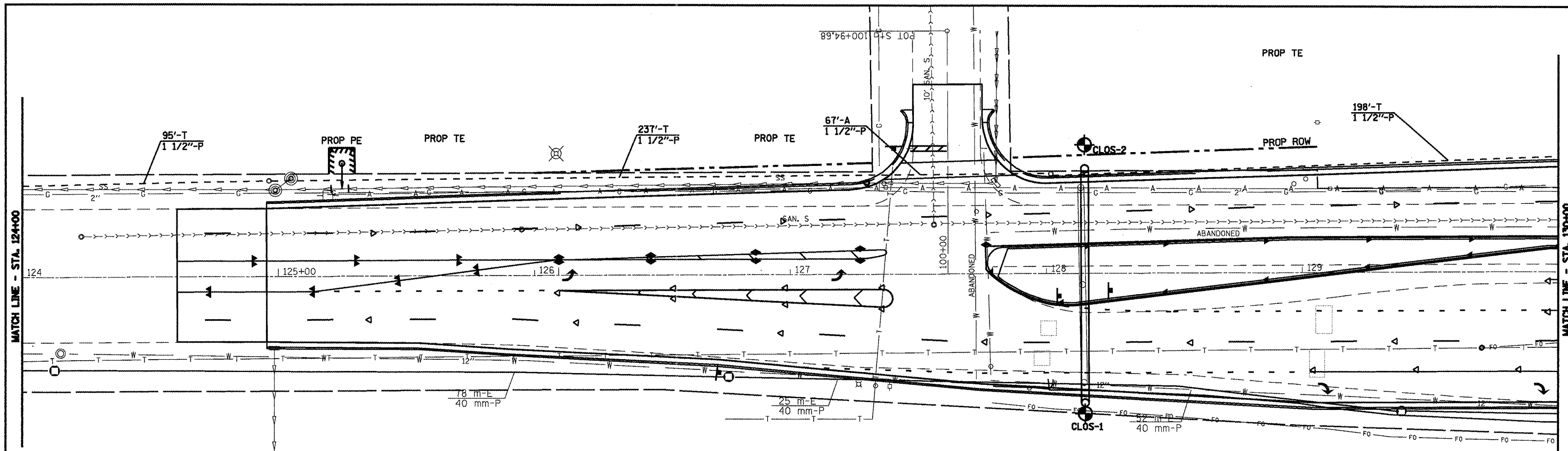
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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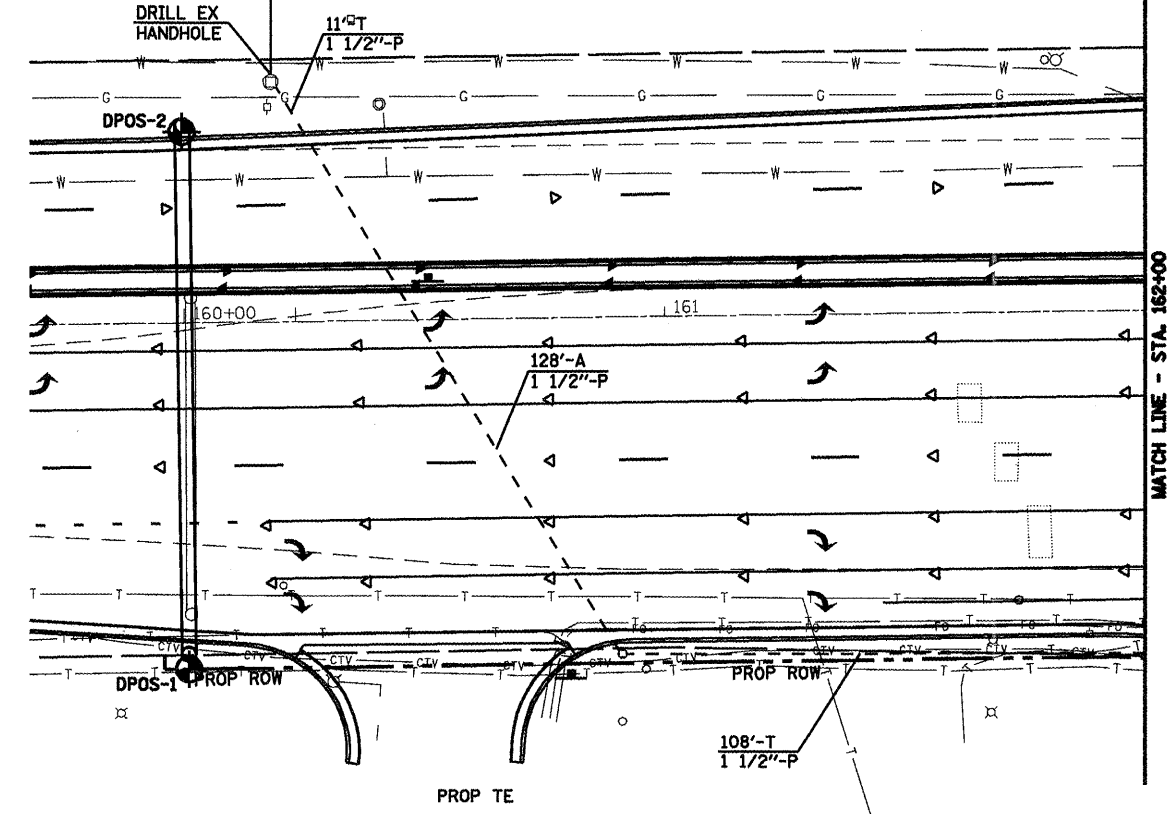
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		SANGAMON	363	180
CONTRACT NO. 72088				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





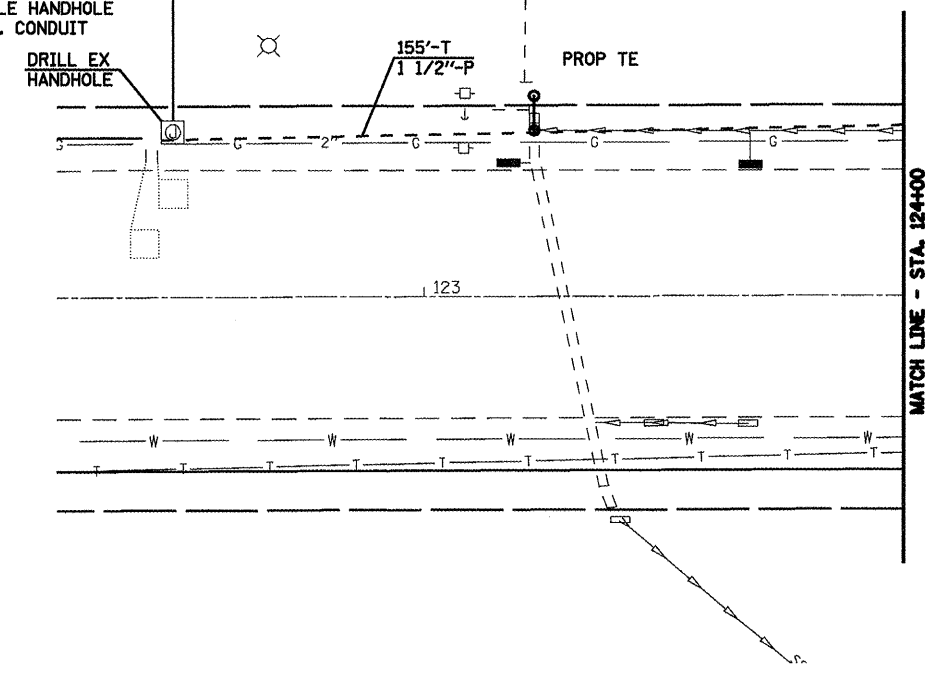
REMOVE EXIST. F/O CABLE TO CABINET AT COOK

INSTALL PROP F/O CABLE TO CABINET AT COOK THRU  
 7 EX. JUNCTION BOX  
 2 EX. HANDHOLE  
 1 EX. DOUBLE HANDHOLE  
 2285 FT. EX. CONDUIT



REMOVE EXIST. F/O CABLE TO CABINET AT MILTON

INSTALL PROP F/O CABLE TO CABINET AT MILTON THRU  
 1 EX. JUNCTION BOX  
 1 EX. HANDHOLE  
 1 EX. DOUBLE HANDHOLE  
 358 FT. EX. CONDUIT



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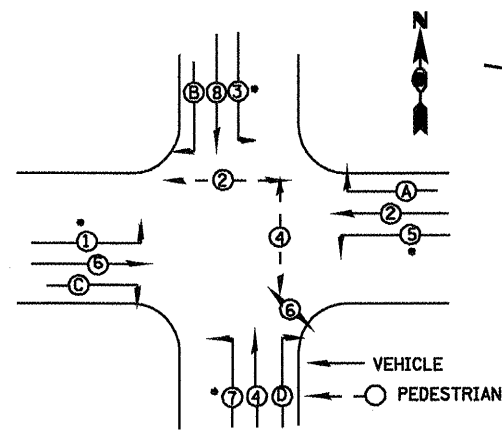
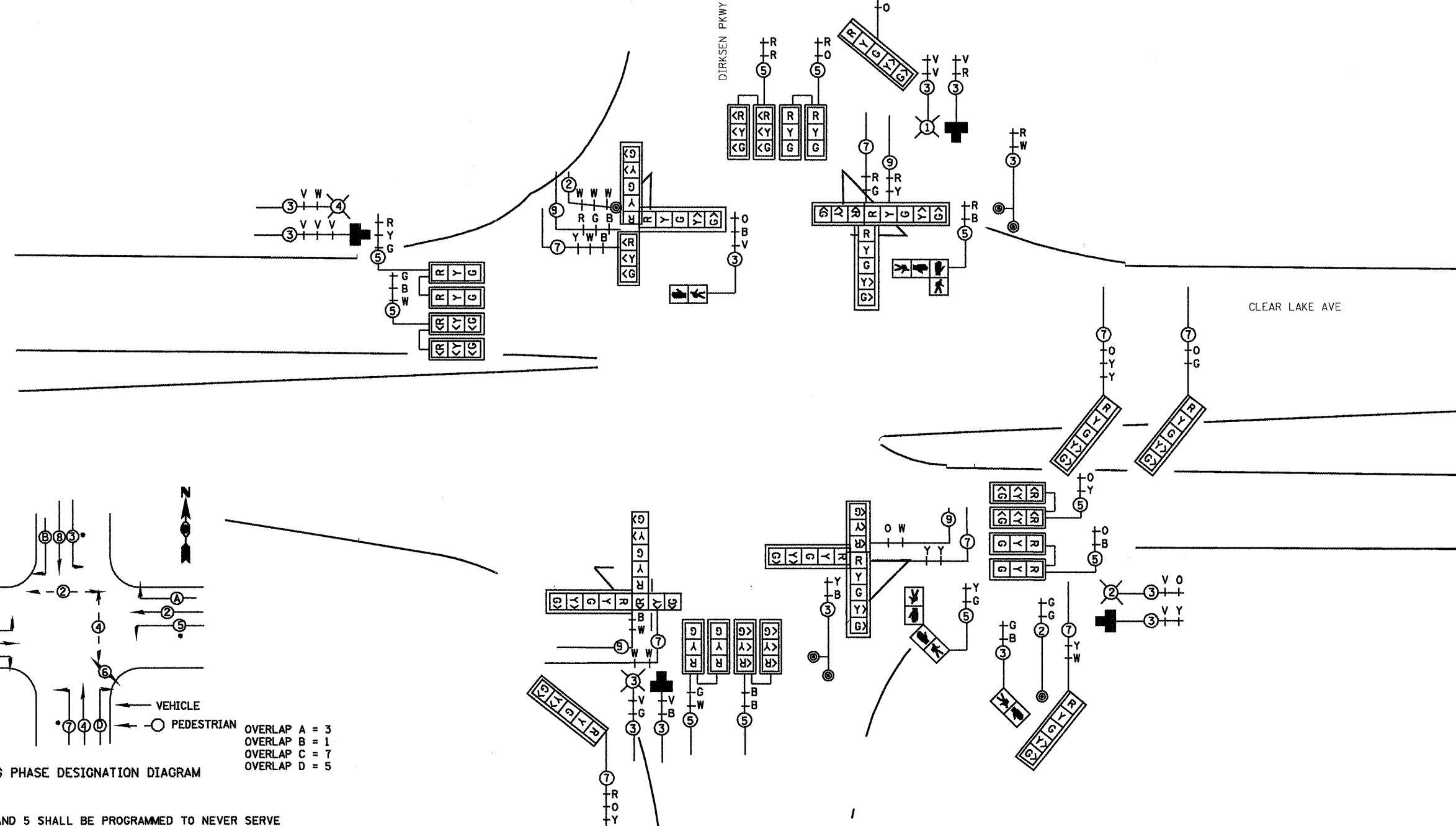
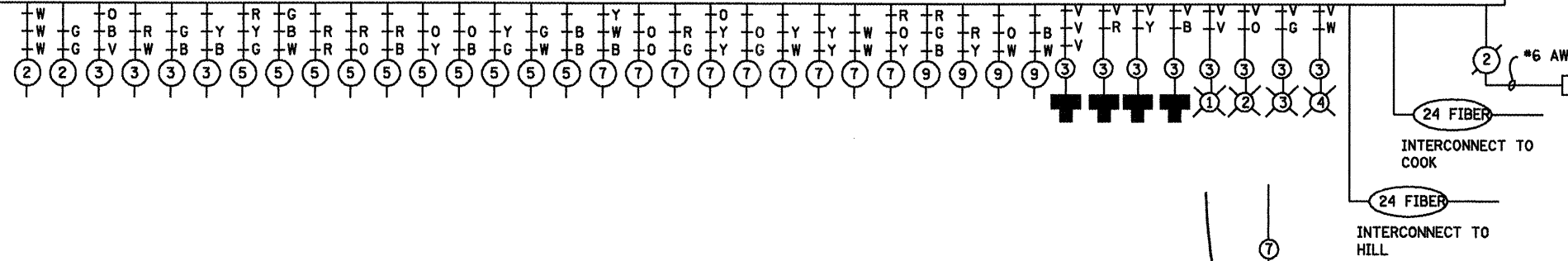
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

* F.A.P. 72, F.A.P. 6T, F.A.P. 75 & F.A.P. 668		** D-6 SPFLD-CLRLAKE DIRKSEN 2002	
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
.	..	SANGAMON	363
		SHEET NO. 181	
CONTRACT NO. 72088			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

PROPOSED CONTROLLER

INTERCONNECT TO MILTON  
24 FIBER



EXISTING PHASE DESIGNATION DIAGRAM

OVERLAP A = 3  
OVERLAP B = 1  
OVERLAP C = 7  
OVERLAP D = 5

PHASES 1 AND 5 SHALL BE PROGRAMMED TO NEVER SERVE SIMULTANEOUSLY. PHASE 5 SHALL BE PROGRAMMED TO LAG.

PHASES 3 AND 7 SHALL BE PROGRAMMED TO NEVER SERVE SIMULTANEOUSLY. PHASE 7 SHALL BE PROGRAMMED TO LAG.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

\* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
\*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

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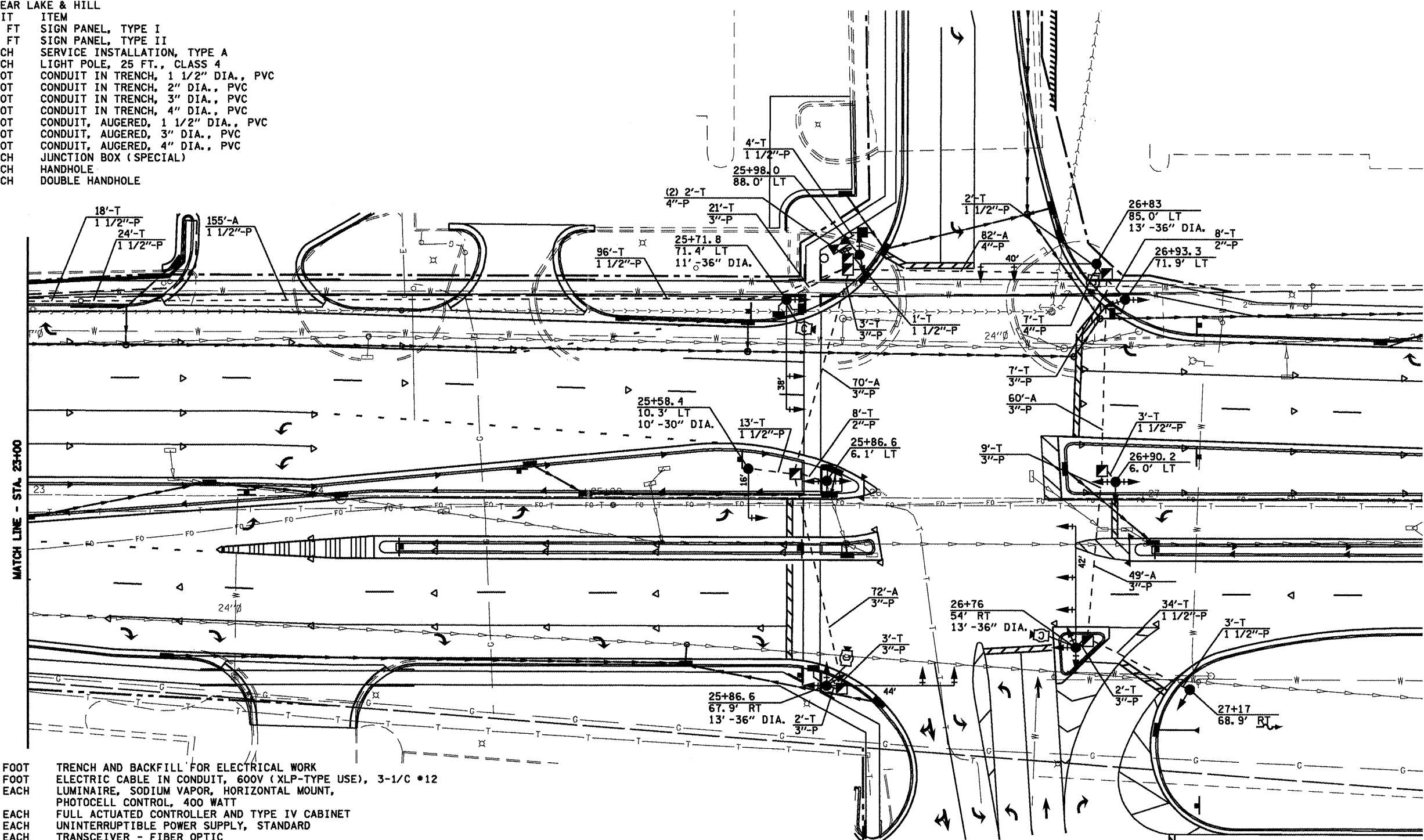
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DATE -	REVISED -

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	SANGAMON	363	182
CONTRACT NO. 72088				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL QUANTITIES

LOCATION:	CLEAR LAKE & HILL
QUANTITY	UNIT ITEM
15.0	SQ FT SIGN PANEL, TYPE I
30.0	SQ FT SIGN PANEL, TYPE II
1	EACH SERVICE INSTALLATION, TYPE A
1	EACH LIGHT POLE, 25 FT., CLASS 4
198.0	FOOT CONDUIT IN TRENCH, 1 1/2" DIA., PVC
16.0	FOOT CONDUIT IN TRENCH, 2" DIA., PVC
47.0	FOOT CONDUIT IN TRENCH, 3" DIA., PVC
11.0	FOOT CONDUIT IN TRENCH, 4" DIA., PVC
155.0	FOOT CONDUIT, AUGERED, 1 1/2" DIA., PVC
251.0	FOOT CONDUIT, AUGERED, 3" DIA., PVC
82.0	FOOT CONDUIT, AUGERED, 4" DIA., PVC
1	EACH JUNCTION BOX (SPECIAL)
5	EACH HANDHOLE
1	EACH DOUBLE HANDHOLE

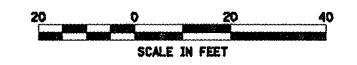


272.0	FOOT TRENCH AND BACKFILL FOR ELECTRICAL WORK		
580.0	FOOT ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE), 3-1/C *12		
4	EACH LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, PHOTOCELL CONTROL, 400 WATT		
1	EACH FULL ACTUATED CONTROLLER AND TYPE IV CABINET		
1	EACH UNINTERRUPTIBLE POWER SUPPLY, STANDARD		
1	EACH TRANSCEIVER - FIBER OPTIC		
312.5	FOOT FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 24F		
378.0	FOOT ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 2/C	2	EACH SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
290.5	FOOT ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 3/C	1	EACH SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
1153.5	FOOT ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 5/C	2	EACH SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
982.5	FOOT ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 7/C	1	EACH SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED
492.0	FOOT ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14, 9/C	2	EACH PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER
580.0	FOOT ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 18, 3/C	2	EACH PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER
13.0	FOOT ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6, 2/C	24	EACH TRAFFIC SIGNAL BACKPLATE
5	EACH TRAFFIC SIGNAL POST, ALUMINUM, 16 FT.	5	EACH PEDESTRIAN PUSHBUTTON
1	EACH STEEL MAST ARM ASSEMBLY AND POLE, 16 FT.	1	EACH VIDEO VEHICLE DETECTION SYSTEM
2	EACH STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 38 FT.	509.5	FOOT ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)
1	EACH STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT.		
1	EACH STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 42 FT.		
1	EACH STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 44 FT.		
15.0	FOOT CONCRETE FOUNDATION, TYPE A		
3.0	FOOT CONCRETE FOUNDATION, TYPE C		
10.0	FOOT CONCRETE FOUNDATION, TYPE E, 30" DIA.		
50.0	FOOT CONCRETE FOUNDATION, TYPE E, 36" DIA.		
10	EACH SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED		
2	EACH SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED		

2	EACH SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
2	EACH SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
1	EACH SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED
2	EACH PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER
2	EACH PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER
24	EACH TRAFFIC SIGNAL BACKPLATE
5	EACH PEDESTRIAN PUSHBUTTON
1	EACH VIDEO VEHICLE DETECTION SYSTEM
509.5	FOOT ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)

NOTES:

1.) TRAFFIC SIGNAL MAST ARM ASSEMBLIES SHALL BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER

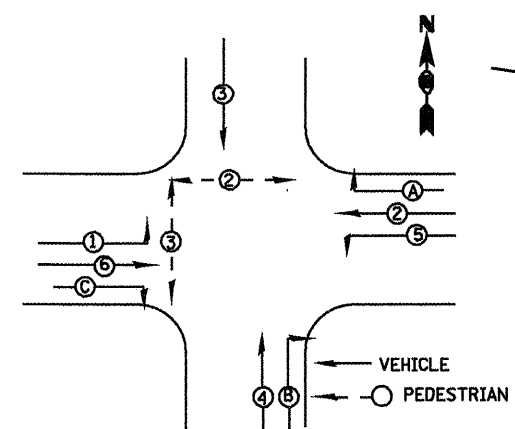
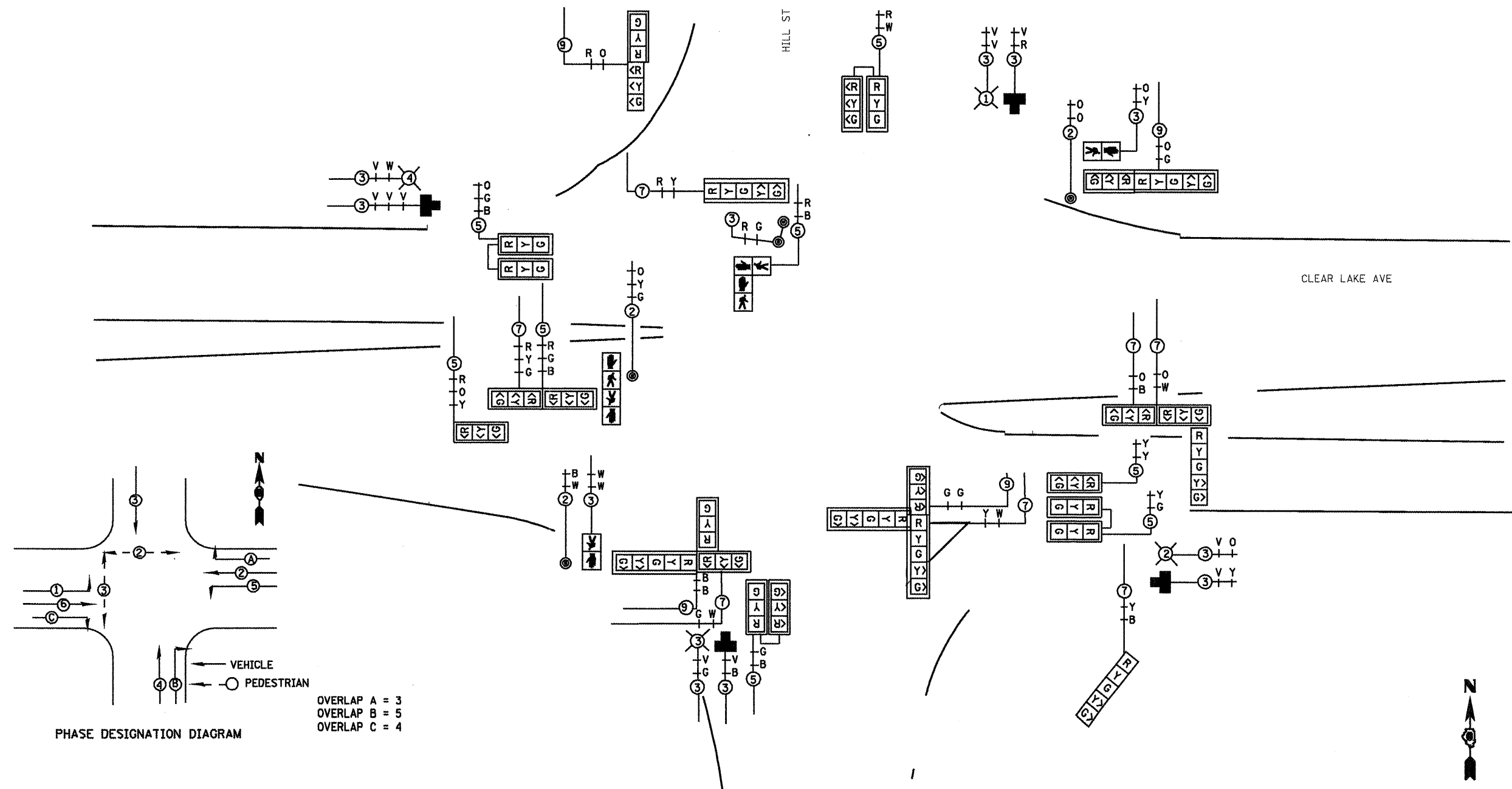
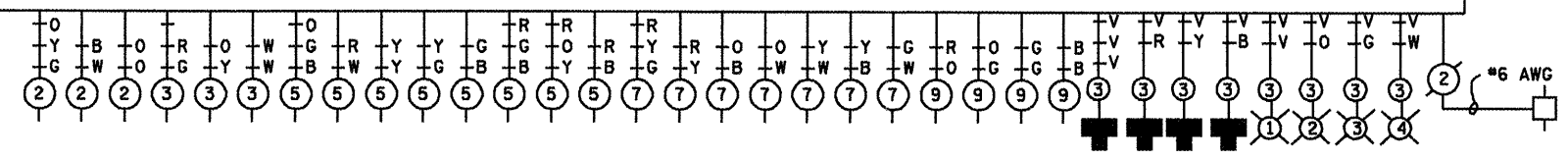


\* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
en:\pw\work\VPWID007\LAUGHLINR\1\0204163\1	S.Sheet.dgn	DRAWN -	REVISED -											SANGAMON	363	183
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												CONTRACT NO. T2088		ILLINOIS FED. AID PROJECT		

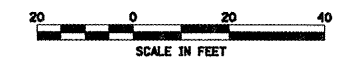
INTERCONNECT TO DIRKSEN 24 FIBER

PROPOSED CONTROLLER



PHASE DESIGNATION DIAGRAM

OVERLAP A = 3  
OVERLAP B = 5  
OVERLAP C = 4



\* F.A.P. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
\*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

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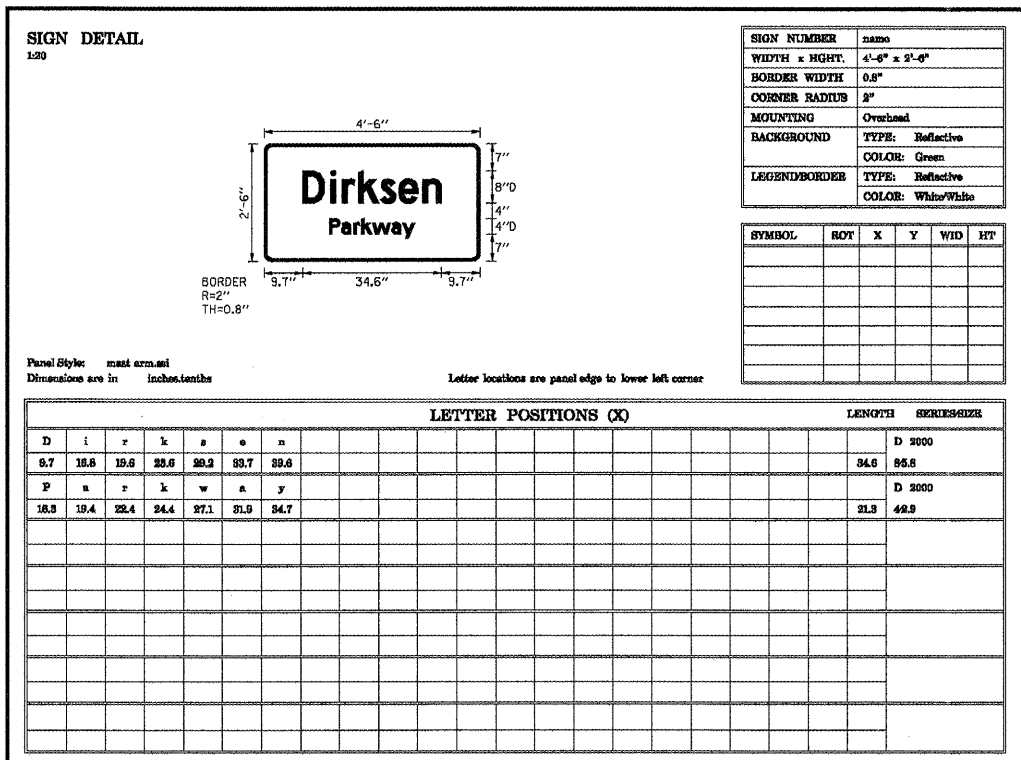
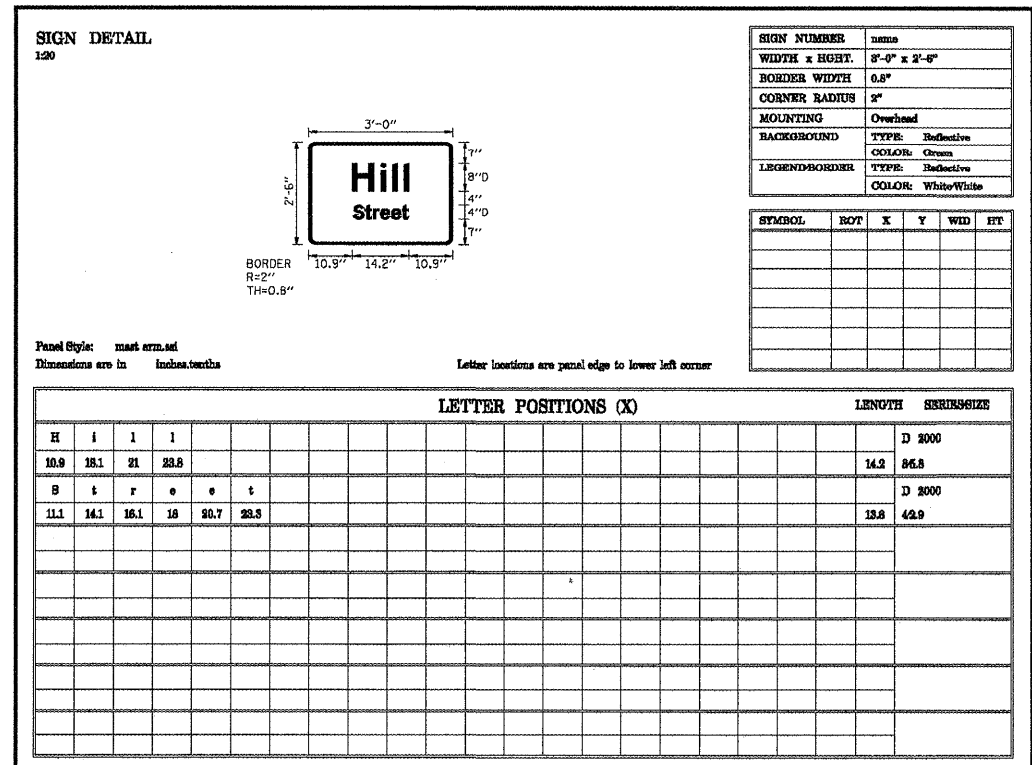
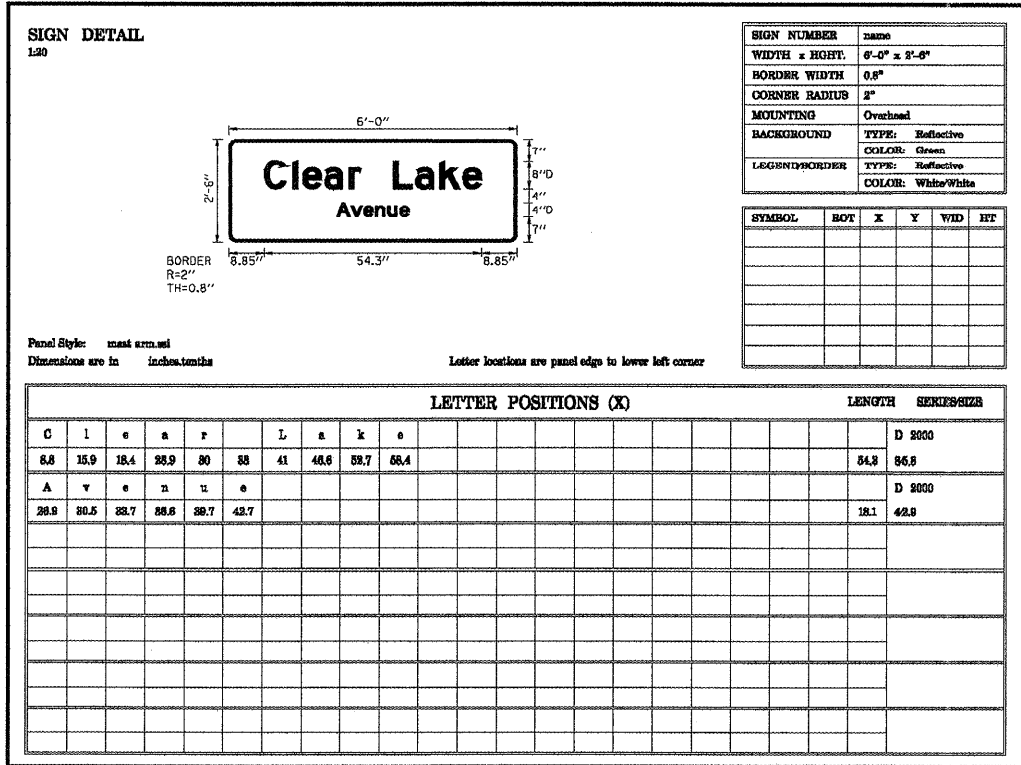
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DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
.	..	SANGAMON	363	184
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 72088	



• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
•• D-6 SPFLD-CLRLAKE DIRKSEN 2002

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	SANGAMON	363	185
CONTRACT NO. T2088			ILLINOIS FED. AID PROJECT	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	186
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				

1/1/03

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 400W LUMINAIRE PERFORMANCE TABLE (STAGGERED)

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	<u>24</u>
	Number Of Lanes	<u>2</u>
	Median Width	<u>41</u>
	IES Surface Classification	<u>R3</u>
	Q-Zero Value	<u>.07</u>
LIGHT POLE DATA:	Mounting Height	<u>50</u>
	Mast Arm Length	<u>15</u>
	Pole Set-Back From Edge Of Pavement	<u>7</u>
LUMINAIRE DATA:	Lamp Type	<u>HPS</u>
	Lamp Lumens	<u>50,000</u>
	IES Vertical Distribution	<u>M</u>
	IES Control Of Distribution	<u>FC</u>
	IES Lateral Distribution	<u>3</u>
	Total Light Loss Factor	<u>0.684</u>
LAYOUT DATA:	Spacing	<u>240</u>
	Configuration	<u>Staggered</u>
	Luminaire Overhang Over Edge Of Pavement Lane	<u>8</u>

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINATION:	Average Horizontal Illumination, ( $E_{Ave}$ )	<u>1.3 fc</u>
	Uniformity Ratio, ( $E_{Ave}/E_{Min}$ )	<u>3.0</u>
LUMINANCE:	Average Luminance: ( $L_{Ave}$ )	<u>0.9 cd/m<sup>2</sup></u>
	Uniformity Ratios: ( $L_{Ave}/L_{Min}$ )	<u>3.0</u>
	( $L_{Max}/L_{Min}$ )	<u>5.0</u>
	Maximum Veiling Luminance Ratio: ( $L_v/L_{Ave}$ )	<u>0.30</u>

LIGHTING GENERAL NOTES

- ALL PROPOSED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- THE PROPOSED LIGHT POLES SHALL BE INSTALLED, AS NOTED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. AFTER UNIT DUCT IS INSTALLED, FOUNDATIONS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. A STAINLESS STEEL SCREEN SHALL BE INSTALLED TO SEAL THE OPENING BELOW THE POLE BASE FROM RODENT ENTRY.
- THE PROPOSED LIGHT POLES SHALL BE POWDER COAT PAINTED BLACK.
- CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE "TRENCH AND BACKFILL FOR ELECTRICAL WORK" PAY ITEM.
- ALL EXISTING LIGHT POLES SHALL OPERATE FROM DUSK TO DAWN DAILY FOR THE DURATION OF THIS PROJECT. SPECIFIC LIGHT POLES SHALL BE REMOVED OR RELOCATED PER THE PLANS BY THE CITY OF SPRINGFIELD (CWLP) DURING SPECIFIC STAGES OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.
- NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.

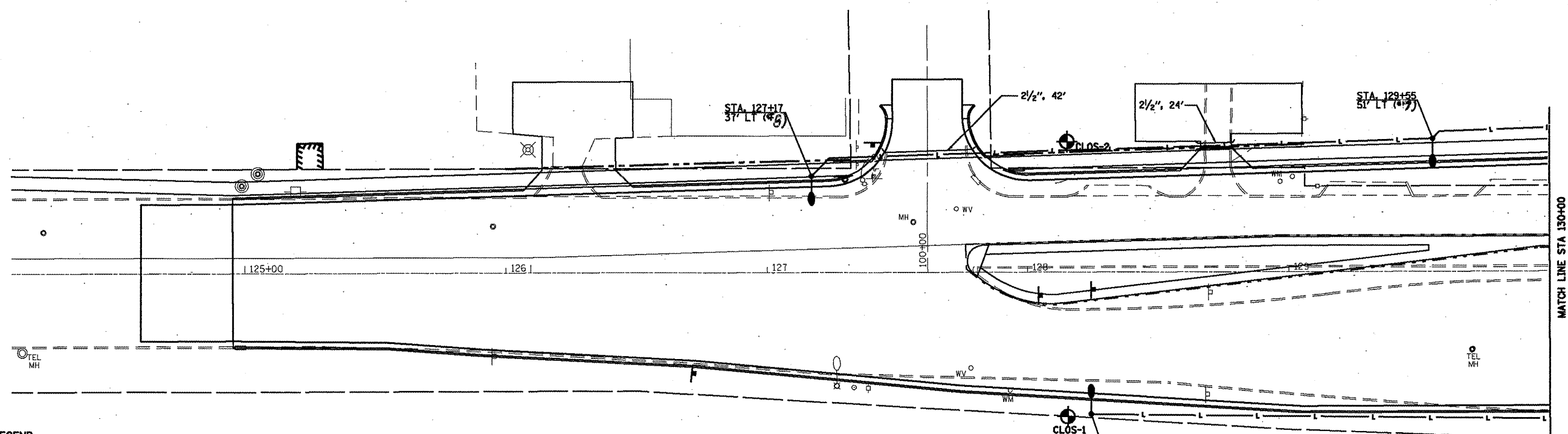
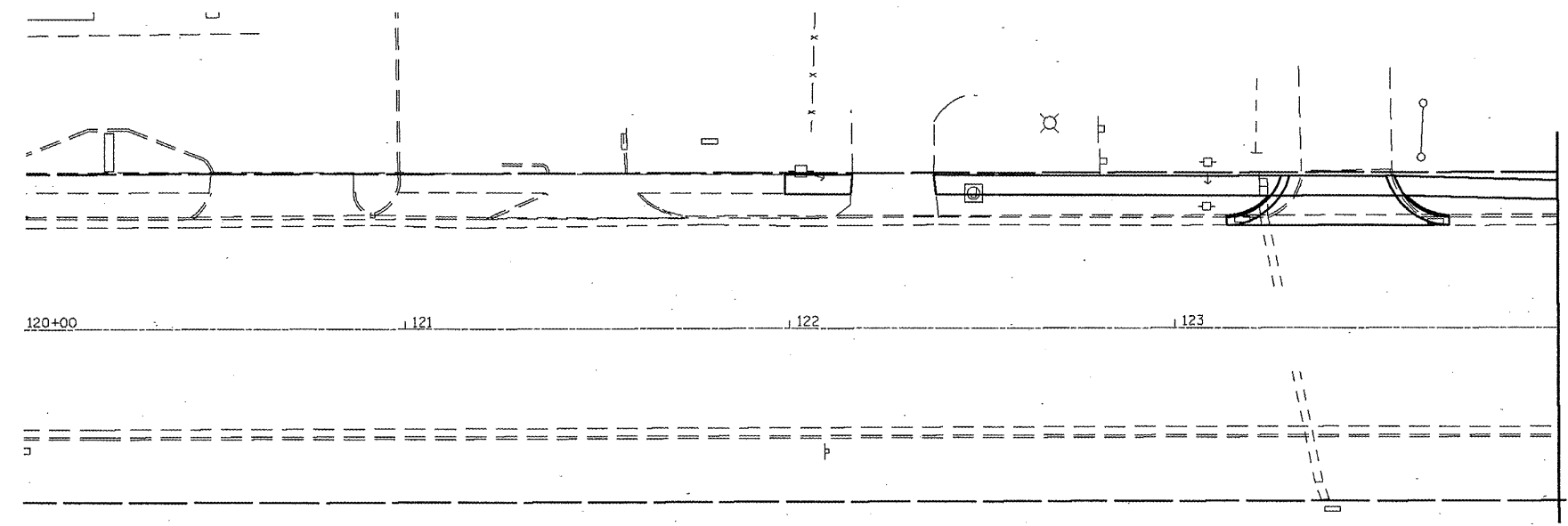
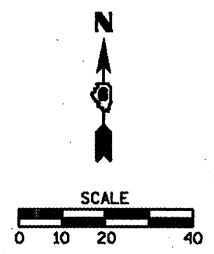
SUMMARY OF QUANTITIES

PAY CODE NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY TOTAL
8040000	ELECTRIC SERVICE INSTALLATION	EACH	1
8020800	CONDUIT PUSHED, 2 1/2" DIA. INTERMEDIATE METAL	FOOT	1065
8020900	CONDUIT PUSHED, 4" DIA. INTERMEDIATE METAL	FOOT	126
8160000	UNIT DUCT, 600V, 2-1/2" NO. 8, 1/2" NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	4574
8190200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3198
8200400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	15
82500350	LIGHTING CONTROLLER, BASE MOUNTED, 100AMP, 240VOLT	EACH	1
8300400	LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM	EACH	15
83600357	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8"X8"	EACH	15
83800650	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	60
82106700	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT (MATERIAL ONLY)	EACH	2
	LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 DAVIT ARM (MATERIAL ONLY)	EACH	1

Rev

• F.A.P. 72, F.A.P. 6T, F.A.P. 75 & F.A.P. 668  
 •• D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	187
STA. 120+00.00		TO STA. 130+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72088				



**LEGEND**

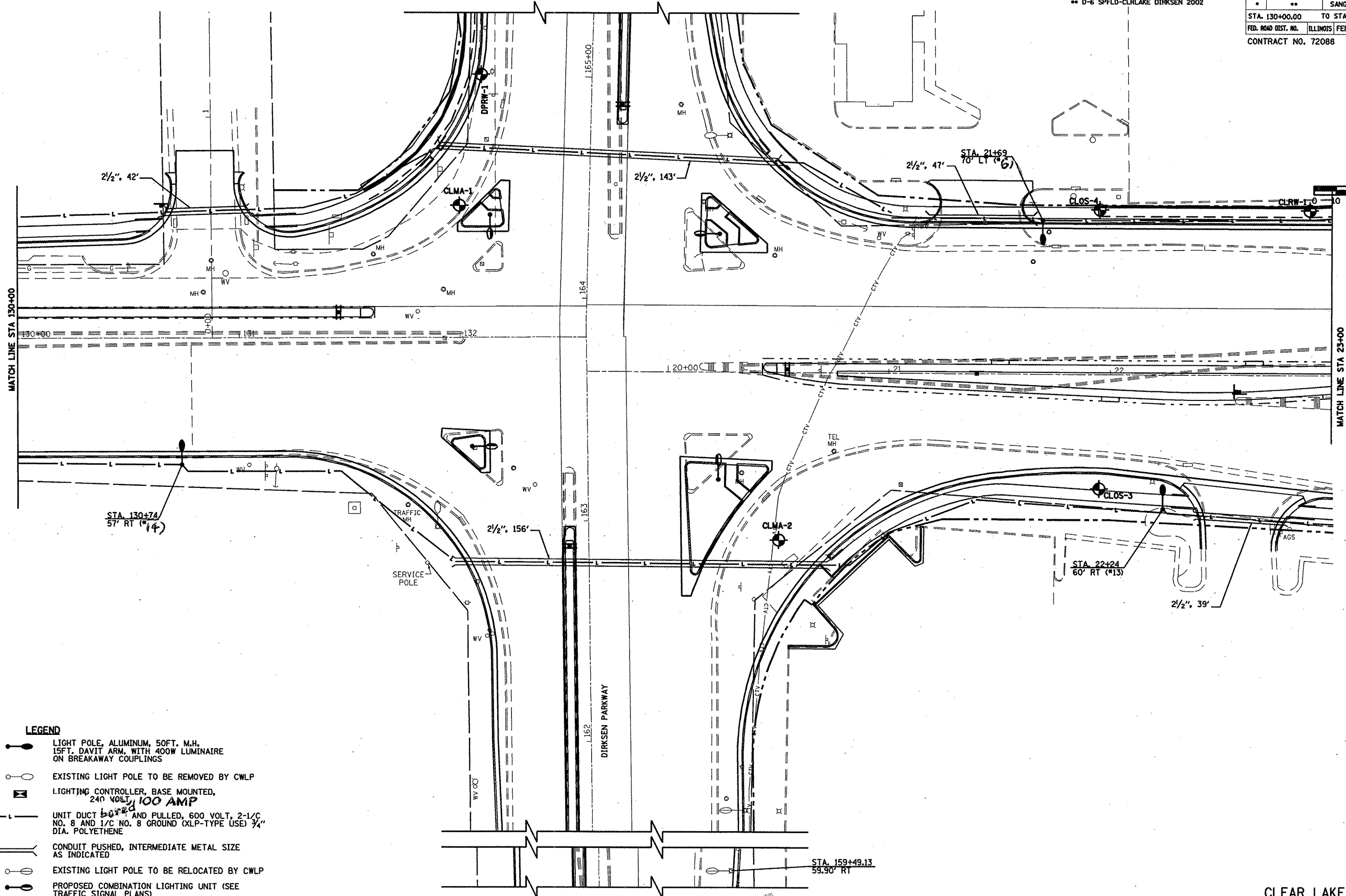
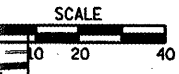
- LIGHT POLE, ALUMINUM, 50FT. M.H., 15FT. DAVIT ARM, WITH 400W LUMINAIRE ON BREAKAWAY COUPLINGS
- EXISTING LIGHT POLE TO BE REMOVED BY CWLP
- LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100AMP
- UNIT DUCT ~~600V~~ AND PULLED, 600 VOLT, 2-1/2" NO. 8 AND 1/2" NO. 8 GROUND (XLP-TYPE USE) 3/4" DIA. POLYETHENE
- CONDUIT PUSHED, INTERMEDIATE METAL SIZE AS INDICATED
- EXISTING LIGHT POLE TO BE RELOCATED BY CWLP
- PROPOSED COMBINATION LIGHTING UNIT (SEE TRAFFIC SIGNAL PLANS)

Rev.

CLEAR LAKE AVE

F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	**	SANGAMON	363	188
STA. 130+00.00		TO STA. 23+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				

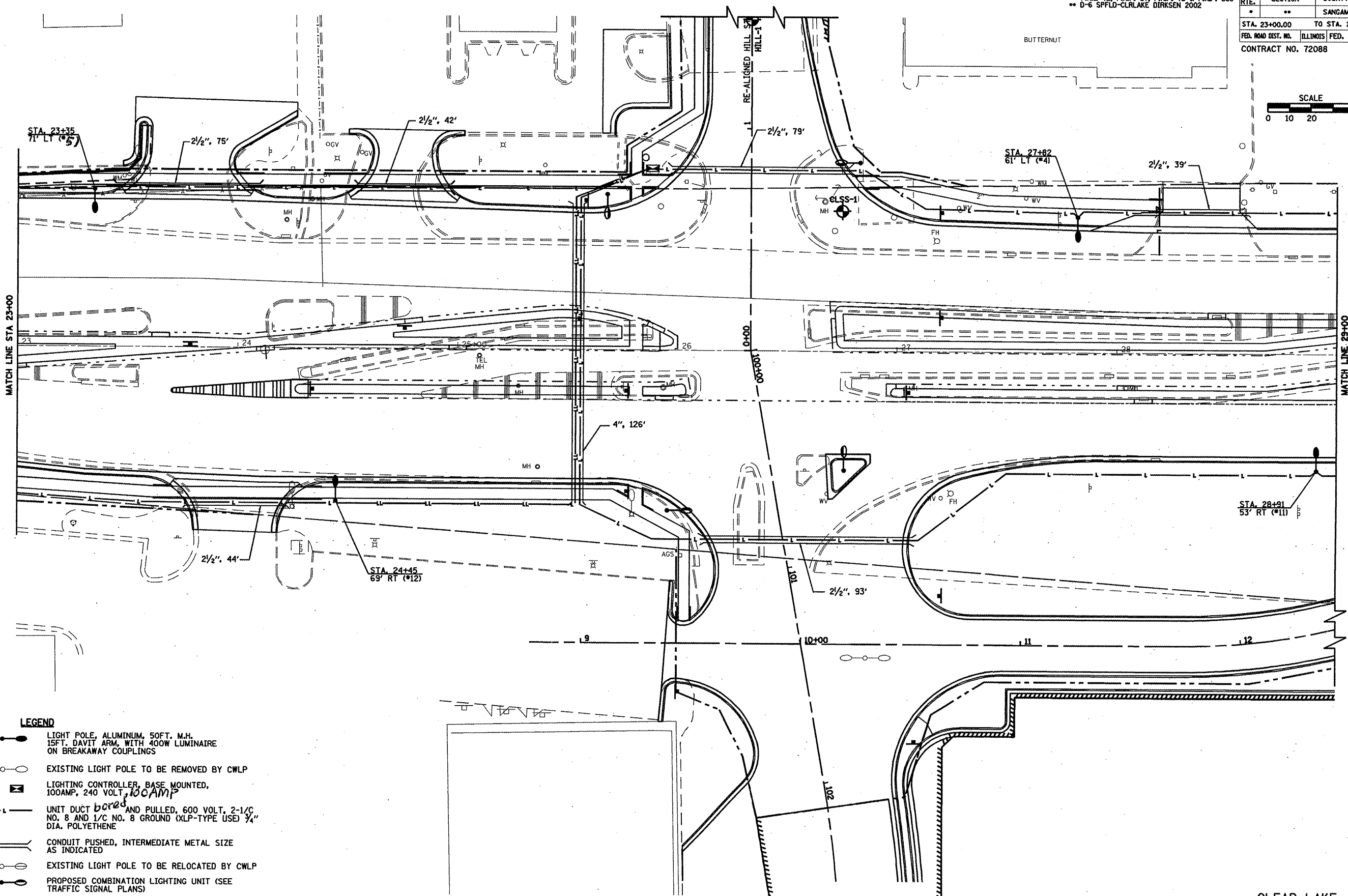
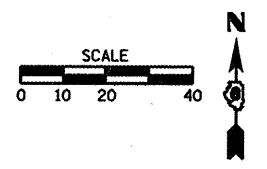


- LEGEND**
- LIGHT POLE, ALUMINUM, 50FT. M.H., 15FT. DAVIT ARM, WITH 400W LUMINAIRE ON BREAKAWAY COUPLINGS
  - EXISTING LIGHT POLE TO BE REMOVED BY CWLP
  - LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP
  - UNIT DUCT 2-1/2" DIA. AND PULLED, 600 VOLT, 2-1/2" DIA. NO. 8 AND 1/2" NO. 8 GROUND (XLP-TYPE USE) 3/4" DIA. POLYETHENE
  - CONDUIT PUSHED, INTERMEDIATE METAL SIZE AS INDICATED
  - EXISTING LIGHT POLE TO BE RELOCATED BY CWLP
  - PROPOSED COMBINATION LIGHTING UNIT (SEE TRAFFIC SIGNAL PLANS)



F.A.L. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	**	SANGAMON	363	189
STA. 23+00.00		TO STA. 29+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				

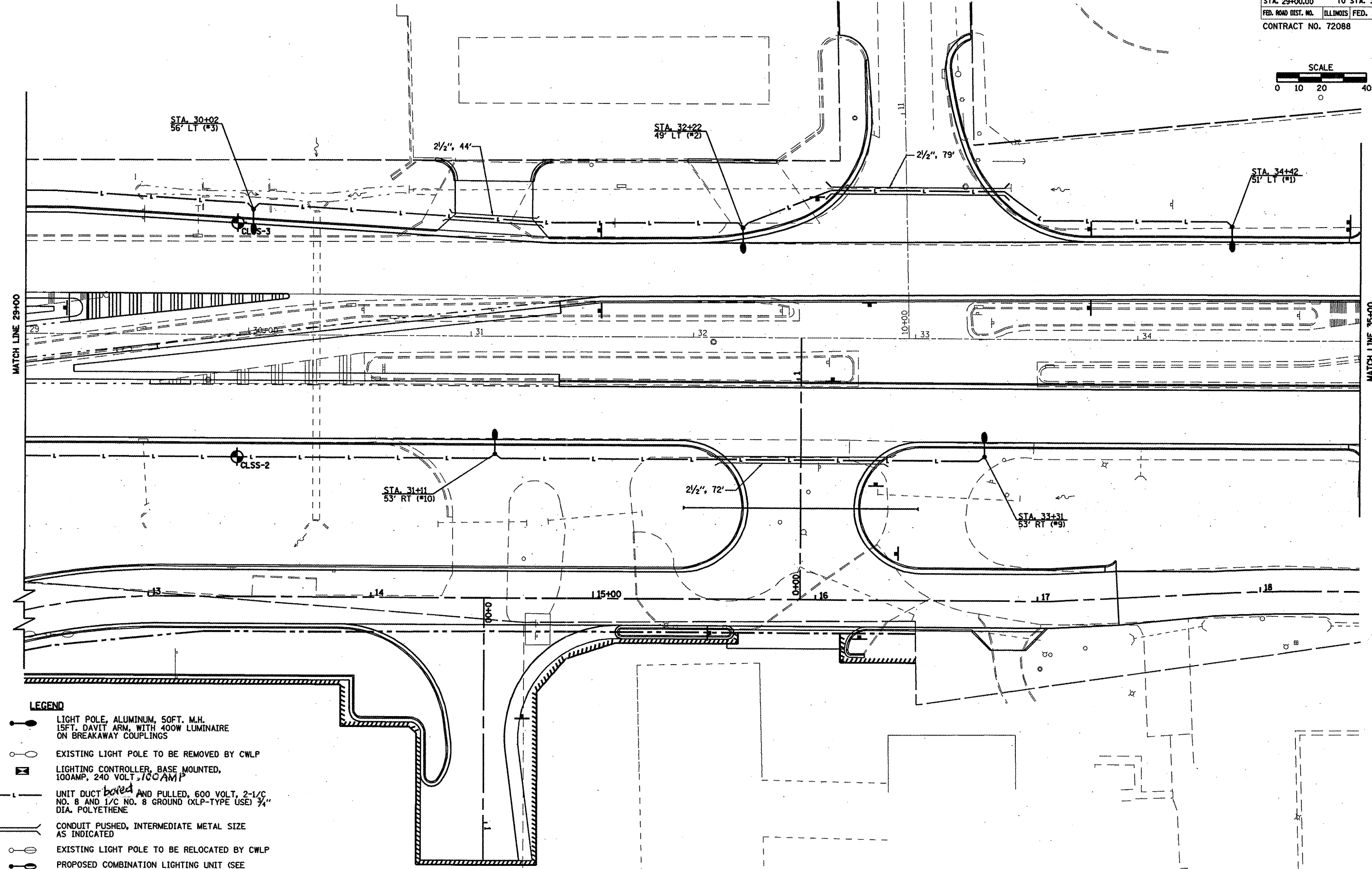
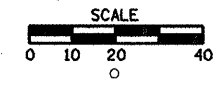


**LEGEND**

- LIGHT POLE, ALUMINUM, 50FT. M.H. 15FT. DAVIT ARM, WITH 400W LUMINAIRE ON BREAKAWAY COUPLINGS
- EXISTING LIGHT POLE TO BE REMOVED BY CWLP
- LIGHTING CONTROLLER, BASE MOUNTED, 100AMP, 240 VOLT, 100AMP
- UNIT DUCT *bcys* AND PULLED, 600 VOLT, 2-1/C NO. 8 AND 1/C NO. 8 GROUND (XLP-TYPE USED 3/4" DIA. POLYETHENE)
- CONDUIT PUSHED, INTERMEDIATE METAL SIZE AS INDICATED
- EXISTING LIGHT POLE TO BE RELOCATED BY CWLP
- PROPOSED COMBINATION LIGHTING UNIT (SEE TRAFFIC SIGNAL PLANS)

Rev

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• F.A.L. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668 •• D-6 SPFLD-CLRLAKE DIRKSEN 2002	••	SANGAMON	363	189A
STA. 29+00.00		TO STA. 35+00.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



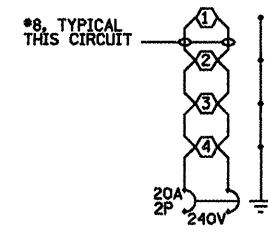
**LEGEND**

- LIGHT POLE, ALUMINUM, 50FT. M.H. 15FT. DAVIT ARM, WITH 400W LUMINAIRE ON BREAKAWAY COUPLINGS
- EXISTING LIGHT POLE TO BE REMOVED BY CWLP
- LIGHTING CONTROLLER, BASE MOUNTED, 100AMP, 240 VOLT, 100AMP
- UNIT DUCT <sup>bored</sup> AND PULLED, 600 VOLT, 2-1/2" NO. 8 AND 1/2" NO. 8 GROUND (XLP-TYPE USE) 3/4" DIA. POLYETHENE
- CONDUIT PUSHED, INTERMEDIATE METAL SIZE AS INDICATED
- EXISTING LIGHT POLE TO BE RELOCATED BY CWLP
- PROPOSED COMBINATION LIGHTING UNIT (SEE TRAFFIC SIGNAL PLANS)

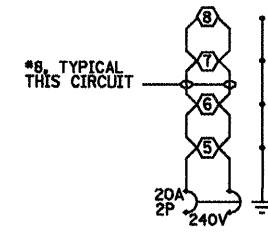
Rev.

CLEAR LAKE AVE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	189B
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



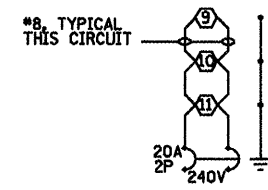
LIGHTING CKT 1  
 PROPOSED LIGHTING CONTROLLER NO. 1



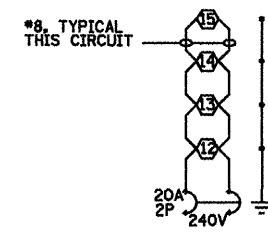
LIGHTING CKT 2  
 PROPOSED LIGHTING CONTROLLER NO. 1

NOTES:  
 1. ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

○ 400W ROADWAY LUMINAIRE



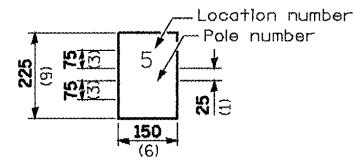
LIGHTING CKT 3  
 PROPOSED LIGHTING CONTROLLER NO. 1



LIGHTING CKT 4  
 PROPOSED LIGHTING CONTROLLER NO. 1

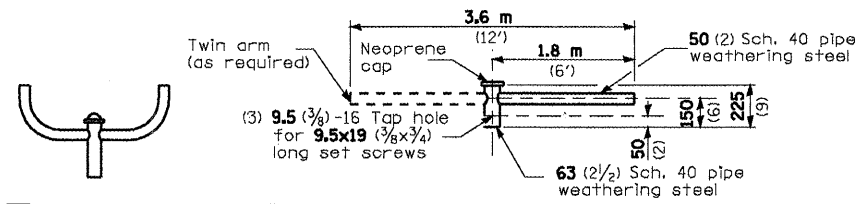
CONTROLLER AT CLEAR LAKE AVE. AND RELOCATED HILL STREET

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	189C
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 72088				



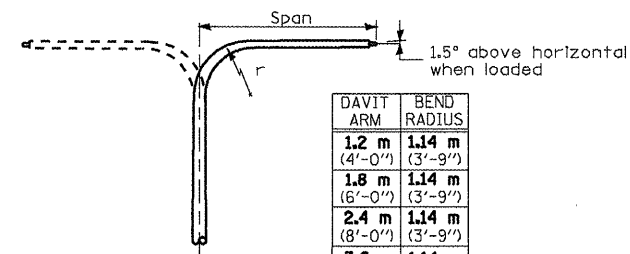
The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements of section T602.01 of the Standard Specifications for Traffic Control Items. The numerals shall conform to the FHWA "Standard Alphabets for Highway Signs".

The light pole identification shall be applied to sign base material as specified in section 1069.06 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 720001.



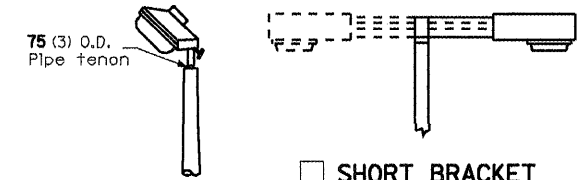
TWIN TENON  TENON MOUNT BRACKET ARM

NOTE: Single or twin arm assembly shall be tilted 3° above horizontal.

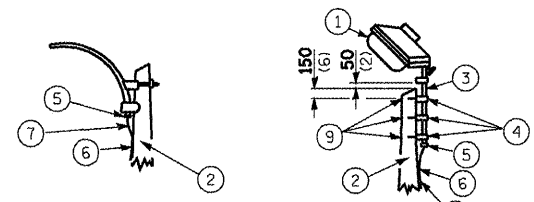


DAVIT ARM	BEND RADIUS
1.2 m (4'-0")	1.14 m (3'-9")
1.8 m (6'-0")	1.14 m (3'-9")
2.4 m (8'-0")	1.14 m (3'-9")
3.6 m (12'-0")	1.14 m (3'-9")

DAVIT ARM  DAVIT ARM-TWIN

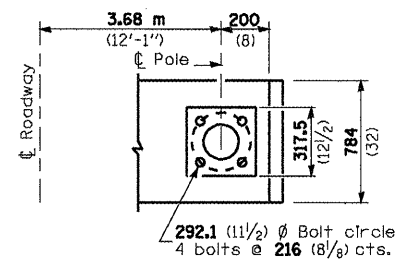
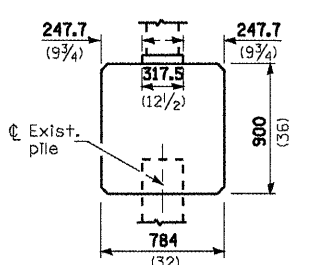
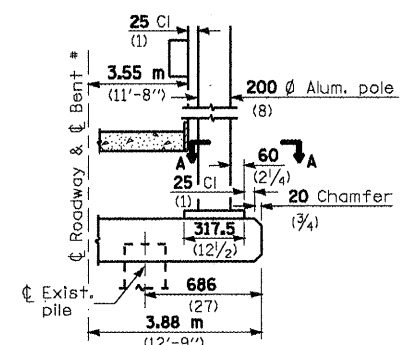


TENON  SHORT BRACKET  SHORT BRACKET - TWIN



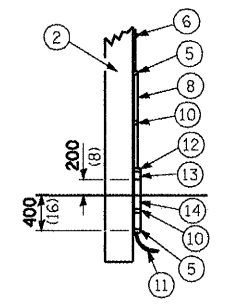
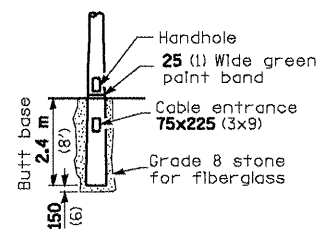
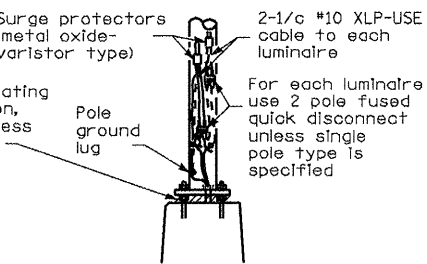
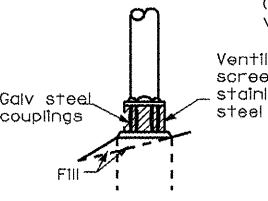
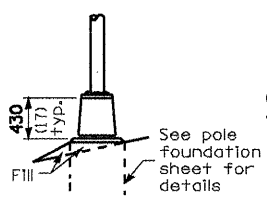
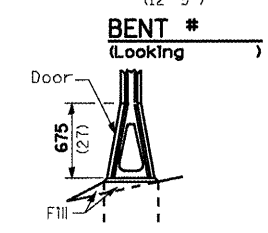
MAST ARM  TENON

- Luminaire
- Wood pole, class 3 or better
- 63 (2 1/2) Galv. steel conduit
- Single offset pole band
- Conduit bushing
- Cable clamps on 600 (24) centers
- 2/c #12 Type use cable
- 25 (1) Galv. steel conduit 3.0 m (10') in length
- 16 (5/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- Conduit clamps on 900 (36) centers
- Unit duct
- Threaded reducer
- "C" Conduit, threaded
- 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



BRIDGE PIER MOUNT

SECTION A-A



POLE LENGTH	DEPTH IN GROUND
19.8 m (65')	3.6 m (12')
18.0 m (60')	3.0 m (10')
16.8 m (55')	2.7 m (9')
16.0 m (50')	2.4 m (8')
13.7 m (45')	2.1 m (7')
12.0 m (40')	2.0 m (6.5')
10.7 m (35')	1.8 m (6')
9.0 m (30')	1.7 m (5.5')

POLE, WOOD

BUTT BASE

All dimensions are in millimeters (inches) unless otherwise shown.

STAINLESS STEEL FLAIR BASE

TRANSFORMER BASE

BREAKAWAY COUPLING

ANCHOR

DRAFT COPY not for distribution

FRANGIBLE

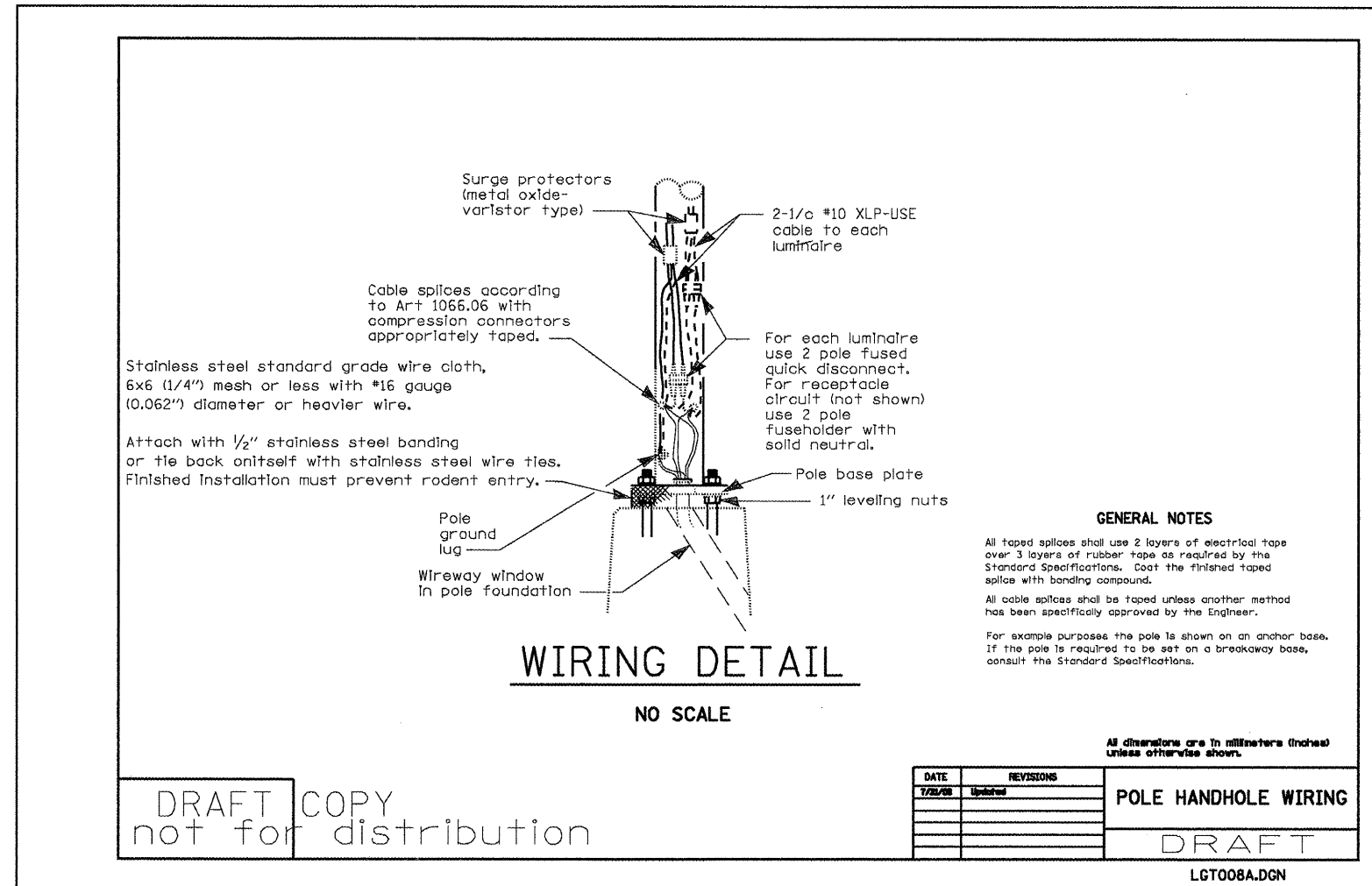
METAL OR  CONCRETE

Details for underground distribution if required

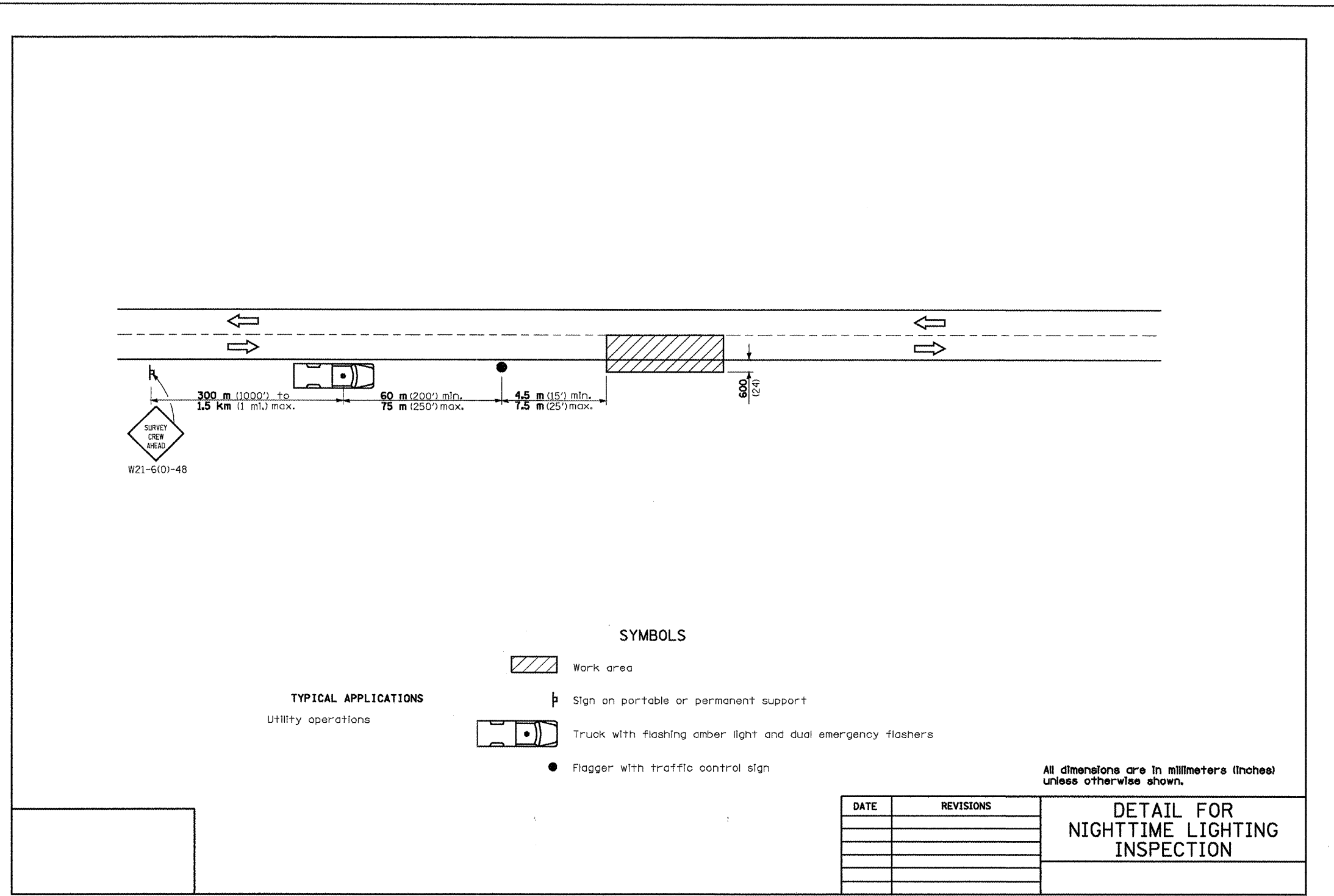
DATE	REVISIONS
	Corrected 6/24/09

POLE STANDARDS  
 DRAFT  
 LGT008.M32

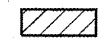



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	189D
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	00	SANGAMON	363	189E
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 72088				



SYMBOLS

-  Work area
-  Sign on portable or permanent support
-  Truck with flashing amber light and dual emergency flashers
-  Flagger with traffic control sign

TYPICAL APPLICATIONS  
 Utility operations

All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS

DETAIL FOR  
 NIGHTTIME LIGHTING  
 INSPECTION

LGT017.M32

STATION/LOCATION	FACING	SIGN NO. (MUTCD)	SIZE	SIGN PANEL TYPE 1 SQ FT	SIGN PANEL TYPE 2 SQ FT	SIGN PANEL TYPE 3 SQ FT	MESSAGE	REMOVE SIGN PANEL SQ FT	REMOVE SIGN PANEL ASSEMBLY EACH	RELOCATE SIGN PANEL TYPE 1 SQ FT	RELOCATE SIGN PANEL TYPE 2 SQ FT	NUMBER OF POSTS EACH	TELESCOPING STEEL SIGN SUPPORT FOOT	BASE FOR TELESCOPING STEEL SIGN SUPPORT EACH	REMOVE SIGN SUPPORT EACH	OBJECT MARKER TYPE I EACH
FAP 67 CLEAR LAKE AVE.																
126+72	38.4' RT	WEST	R3-I100R	24"X24"			RIGHT TURN LANE					1	14			
127+41	48.8' LT	NORTH	R1-1	30"X30"	6.25		STOP					1	14.5			
128+05	8.9' RT	WEST	R4-7	24"X30"	5		KEEP RIGHT (SYMBOL)					1	9.5	1		1
128+15	40.8' LT	EAST	R2-1	30"X36"	7.5		SPEED LIMIT 40									
		EAST	R8-3A	24"X24"	4		NO PARKING (SYMBOL)									
128+25	6.8' RT	WEST	R3-I100L	24"X24"			LEFT TURN LANE					1	9	1		
128+69	46' RT	WEST	R3-I100R	24"X24"			RIGHT TURN LANE			4						1
128+70	8' RT	WEST	R3-I100L	24"X24"			LEFT TURN LANE			4						1
130+65	59.9' LT	NORTH	R1-1	30"X30"	6.25		STOP					1	14.5			
131+45	11.5' LT	WEST		24"X30"	5		STAY IN YOUR LANE					1	9.5	1		
		EAST	R4-7	24"X30"	5		KEEP RIGHT (SYMBOL)									1
132+13.50	LT	EAST	R10-10L	24"X30"	5		LEFT TURN SIGNAL									
		EAST		24"X30"	5		STAY IN YOUR LANE									
20+22.50	RT	WEST	R10-10L	24"X30"	5		LEFT TURN SIGNAL									
		WEST		24"X30"	5		STAY IN YOUR LANE									
20+33	97' RT	SOUTH							1							
20+53	1.5' LT	WEST	R4-7	24"X30"	5		KEEP RIGHT (SYMBOL)					1	9.5	1		1
		EAST		24"X30"	5		STAY IN YOUR LANE									
20+69	100' RT	SOUTH	R10-11B	24"X24"	4		NO TURN ON RED									
21+25	e/c	SOUTH	R10-11B	24"X24"	4		NO TURN ON RED									
21+39.39	e/c	NORTH	R6-2R	18"X24"	3		ONE WAY (RIGHT)					1	9	1		
21+95	46.8' RT	WEST	R3-I100R	24"X24"	4		RIGHT TURN LANE									
22+56.5	7.2' RT	WEST	R3-I100L	24"X24"	4		LEFT TURN LANE					1	9	1		
22+58.23	7.2' RT	SOUTH	R6-2R	18"X24"	3		ONE WAY (RIGHT)					1	9	1		
23+78.40	1.2' LT	NORTH	R6-2R	18"X24"	3		ONE WAY (RIGHT)					1	9	1		
		SOUTH	R6-2R	18"X24"	3		ONE WAY (RIGHT)									
24+34	18.5' RT	WEST	W12-1	36"X36"	9		DOUBLE ARROW					1	11	1		1
24+76.03	9.0' LT	NORTH	R6-2R	18"X24"	3		ONE WAY (RIGHT)					1	9	1		
25+55	13.7' LT	EAST	R3-I100L	24"X24"	4		LEFT TURN LANE					1	9	1		
25+58	67.1' LT	EAST	R3-I100R	24"X24"	4		RIGHT TURN LANE					1	14			
25+77	18.5' RT	EAST	R5-1	36"X36"	9		DO NOT ENTER					1	9.5	1		
	64.2' RT	EAST	R5-1	36"X36"	9		DO NOT ENTER					1	14.5			
27+05	18.5' RT	WEST	R4-7	24"X30"	5		KEEP RIGHT (SYMBOL)					1	9.5	1		1
27+20	15.2' LT	WEST	R5-1	36"X36"	9		DO NOT ENTER					1	9.5	1		
	62.5' LT	WEST	R5-1	36"X36"	9		DO NOT ENTER					1	14.5			
SHEET SUB-TOTALS					168	0	0	0	1	8	0	20	217	14	2	5

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	PERMANENT SIGNING SCHEDULE	
		DRAWN BY RJC	
		CHECKED BY	
		DATE 01/08	

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	191
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 72088				

STATION/LOCATION	FACING	SIGN NO. (MUTCD)	SIZE	SIGN PANEL TYPE 1	SIGN PANEL TYPE 2	SIGN PANEL TYPE 3	MESSAGE	REMOVE SIGN PANEL	REMOVE SIGN PANEL ASSEMBLY	RELOCATE SIGN PANEL TYPE 1	RELOCATE SIGN PANEL TYPE 2	NUMBER OF POSTS	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT	REMOVE SIGN SUPPORT	OBJECT MARKER TYPE I
				SO FT	SO FT	SO FT		SO FT	EACH	SO FT	SO FT	EACH	FOOT	EACH	EACH	EACH
<b>FAP 67 CLEAR LAKE AVE. (CONTINUED)</b>																
27+73	60.1' LT	EAST	48"X30"				SPRINGFIELD POP.				10				2	
		EAST	24"X30"				NO HATE	5								
		EAST	12"X18"				CRIMESTOPPERS	1.5								
29+18	11.5' LT	EAST	W12-1	36"X36"	9		DOUBLE ARROW					1	11	1		1
31+58	11.5' LT	EAST	R3-I100L	24"X24"	4		LEFT TURN LANE					1	9	1		
	47.5' LT	EAST	R3-I100R	24"X24"	4		RIGHT TURN LANE					1	14			
	47.5' LT	EAST					NORTHBOUND DIRKSEN TRAFFIC USE RIGHT LANE									
32+56	62' LT	NORTH	R1-1	30"X30"	6.25		STOP					1	14.5			
32+63	18.5' RT	SOUTH	R6-2R	24"X30"	5		ONE WAY (RIGHT)					1	9.5	1		
32+79	15' LT	NORTH	R6-2R	24"X30"	5		ONE WAY (RIGHT)					1	9.5	1		
32+82	66' RT	SOUTH	R1-1	30"X30"	6.25		STOP					1	15			
33+78	14.5' LT	EAST	W3-3	36"X36"	9		SIGNAL AHEAD SYMBOL					1	11	1		
	50' LT	EAST	W3-3	36"X36"	9		SIGNAL AHEAD SYMBOL					1	16.5			
34+95	51.5' LT	EAST		30"X48"		10	SPRINGFIELD POP.					2	30.5			
<b>FAP 75 DIRKSEN PARKWAY</b>																
154+22	12.2' RT	NORTH	R3-I100L	24"X24"	4		LEFT TURN LANE					1	9	1		
156+93	13.8' RT	SOUTH	R3-I100L	24"X24"	4		LEFT TURN LANE					1	9	1		
157+20	48.8' RT	SOUTH	R3-I100R	24"X24"	4		RIGHT TURN LANE					1	14			
158+34.22	2.6' LT	EAST	R6-2R	18"X24"	3		ONE WAY (RIGHT)					1	9	1		
158+61	64.5' RT	EAST	R1-1	30"X30"	6.25		STOP					1	14.5			
158+92	9' LT	NORTH	R3-I100L	24"X24"	4		LEFT TURN LANE					1	9	1		
160+50.82	9' LT	EAST	R6-2R	18"X24"	3		ONE WAY (RIGHT)					1	9	1		
160+79	75.1' RT	EAST	R1-1	30"X30"	6.25		STOP					1	14.5			
162+89	8.7' LT	SOUTH		24"X30"	5		STAY IN YOUR LANE					1	9.5	1		
		NORTH	R4-7	24"X30"	5		KEEP RIGHT (SYMBOL)									1
163+34	LT	NORTH	R10-10L	24"X30"	5		LEFT TURN SIGNAL									
		NORTH		24"X30"	5		STAY IN YOUR LANE									
<b>FAP 668 DIRKSEN PARKWAY</b>																
164+31	RT	SOUTH	R10-10L	24"X30"	5		LEFT TURN SIGNAL									
		SOUTH		24"X30"	5		STAY IN YOUR LANE									
164+88	14.5' RT	NORTH		24"X30"	5		STAY IN YOUR LANE					1	9.5	1		
		SOUTH	R4-7	24"X30"	5		KEEP RIGHT (SYMBOL)									1
166+01.50	14.5' RT	WEST	R6-2R	18"X24"	3		ONE WAY (RIGHT)					1	9	1		
166+36.07	14.5' RT	EAST	R6-2R	18"X24"	3		ONE WAY (RIGHT)					1	9	1		
167+48.50	14.5' RT	EAST	R6-2R	18"X24"	3		ONE WAY (RIGHT)					1	9	1		
168+74	42' LT	NORTH	R3-I100R	24"X24"	4		RIGHT TURN LANE					1	14			
169+46.34	9.7' RT	EAST	R6-2R	18"X24"	3		ONE WAY (RIGHT)					1	9	1		
<b>SHEET SUB-TOTALS</b>					148	10	0	6.5	0	0	10	26	297.5	16	2	3

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PERMANENT SIGNING SCHEDULE**  
 DRAWN BY RJC  
 CHECKED BY  
 DATE 01/08

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STATION/LOCATION	FACING	SIGN NO. (MUTCD)	SIZE	SIGN PANEL	SIGN PANEL	SIGN PANEL	MESSAGE	REMOVE	REMOVE	RELOCATE	RELOCATE	NUMBER OF POSTS	TELESCOPING	BASE FOR	REMOVE	OBJECT MARKER TYPE I	
				TYPE 1	TYPE 2	TYPE 3		SIGN PANEL	SIGN PANEL ASSEMBLY	SIGN PANEL TYPE 1	SIGN PANEL TYPE 2		STEEL SIGN SUPPORT	TELESCOPING STEEL SIGN SUPPORT	SIGN SUPPORT		
				SO FT	SO FT	SO FT					SO FT	EACH	SO FT	SO FT	EACH	EACH	EACH
<b>FAP 668 DIRKSEN PARKWAY (CONTINUED)</b>																	
169+95	7.8' LT	NORTH	R3-I100L	24"X24"	4		LEFT TURN LANE					1	9	1			
170+23	0' C	NORTH	R4-7	24"X30"	5		KEEP RIGHT (SYMBOL)					1	9.5	1			1
172+33	53' LT	WEST	R1-1	30"X30"	6.25		STOP					1	14.5				
<b>NORTH FRONTAGE ROAD</b>																	
9+99.41	LT	SOUTH	R11-I100	48"X30"		10	ROAD ENDS					3	27	3			2
<b>SOUTH FRONTAGE ROAD</b>																	
9+44	22.4' RT	WEST	R1-1	30"X30"	6.25		STOP					1	14.5				
	22.4' RT	WEST	R1-3A	12"X6"	0.50		3 WAY										
10+52	44.6' RT	SOUTH	R1-1	30"X30"	6.25		STOP					1	14.5				
	44.6' RT	SOUTH	R10-7	24"X30"	5.00		DO NOT BLOCK INTERSECTION										
	44.6' RT	SOUTH	R1-52A	30"X12"	2.50		ON COMING TRAFFIC DOES NOT STOP										
10+63	22.6' LT	EAST	R1-1	30"X30"	6.25		STOP					1	14.5				
	22.6' LT	EAST	R1-3A	12"X6"	0.50		3 WAY										
14+68	52.4' RT	SOUTH	R1-1	30"X30"	6.25		STOP					1	12.5				
15+52	15.2' RT	WEST	R1-1	30"X30"	6.25		STOP					1	14.5				
16+20	16.6' RT	SOUTH	R1-1	30"X30"	6.25		STOP					1	14.5				
16+36	21' LT	EAST	R1-1	30"X30"	6.25		STOP					1	15				
<b>SHEET SUB-TOTALS</b>					67.5	10	0		0	0	0	0	13	160	5	0	3
CLEAR LAKE/DIRKESEN SIGNAL PLANS						52.5											
HILL STREET/CLEAR LAKE SIGNAL PLANS					15	30.0											
<b>TOTALS</b>					381.0	102.5	0		6.5	1	8	10	60	690	35	4	11

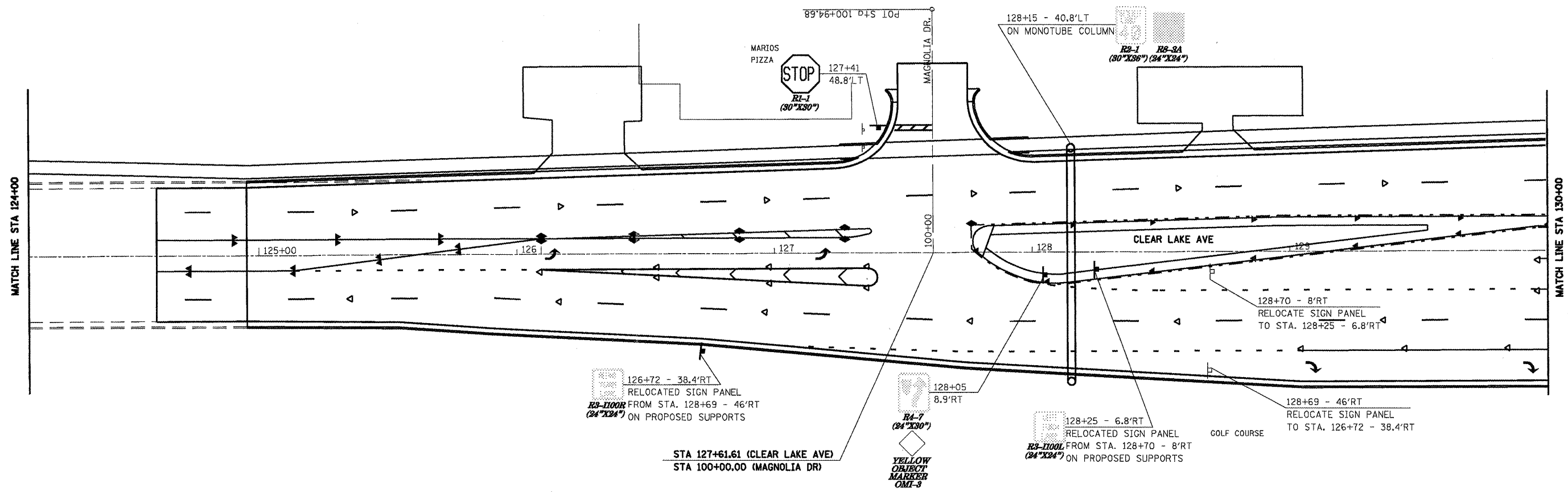
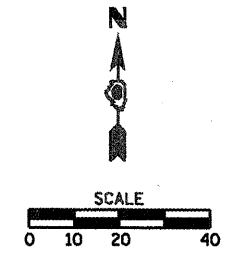
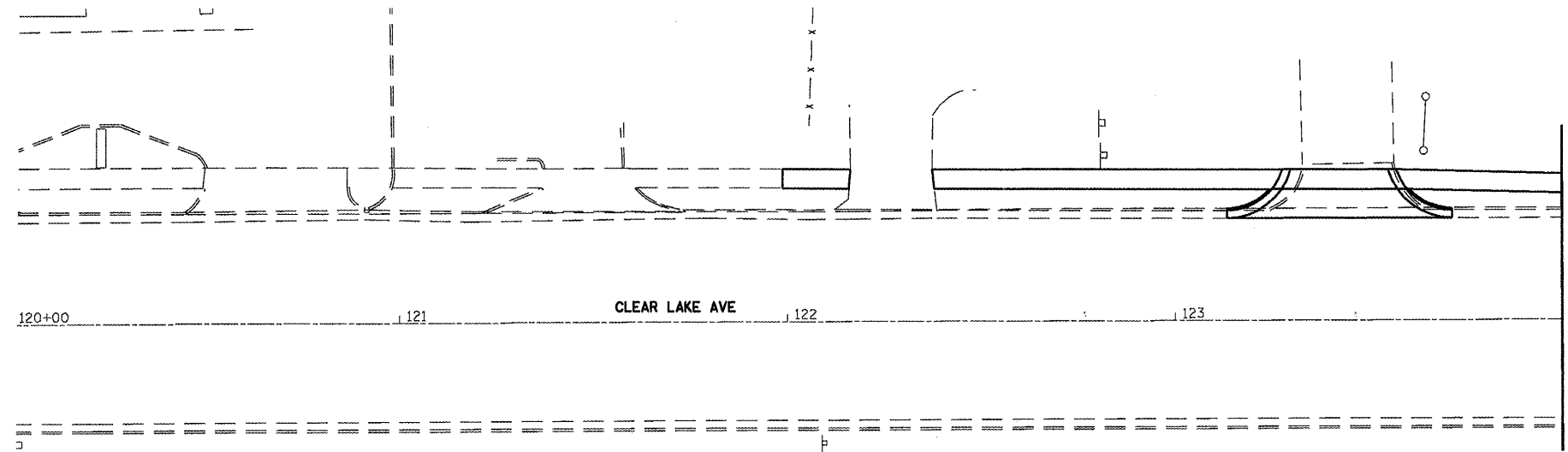
NOTE:  
 SEE TRAFFIC SIGNAL PLANS FOR SIGN DETAILS AND QUANTITIES FOR "CLEAR LAKE AVE", "DIRKSEN PARKWAY", AND "HILL ST" SIGN PANELS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
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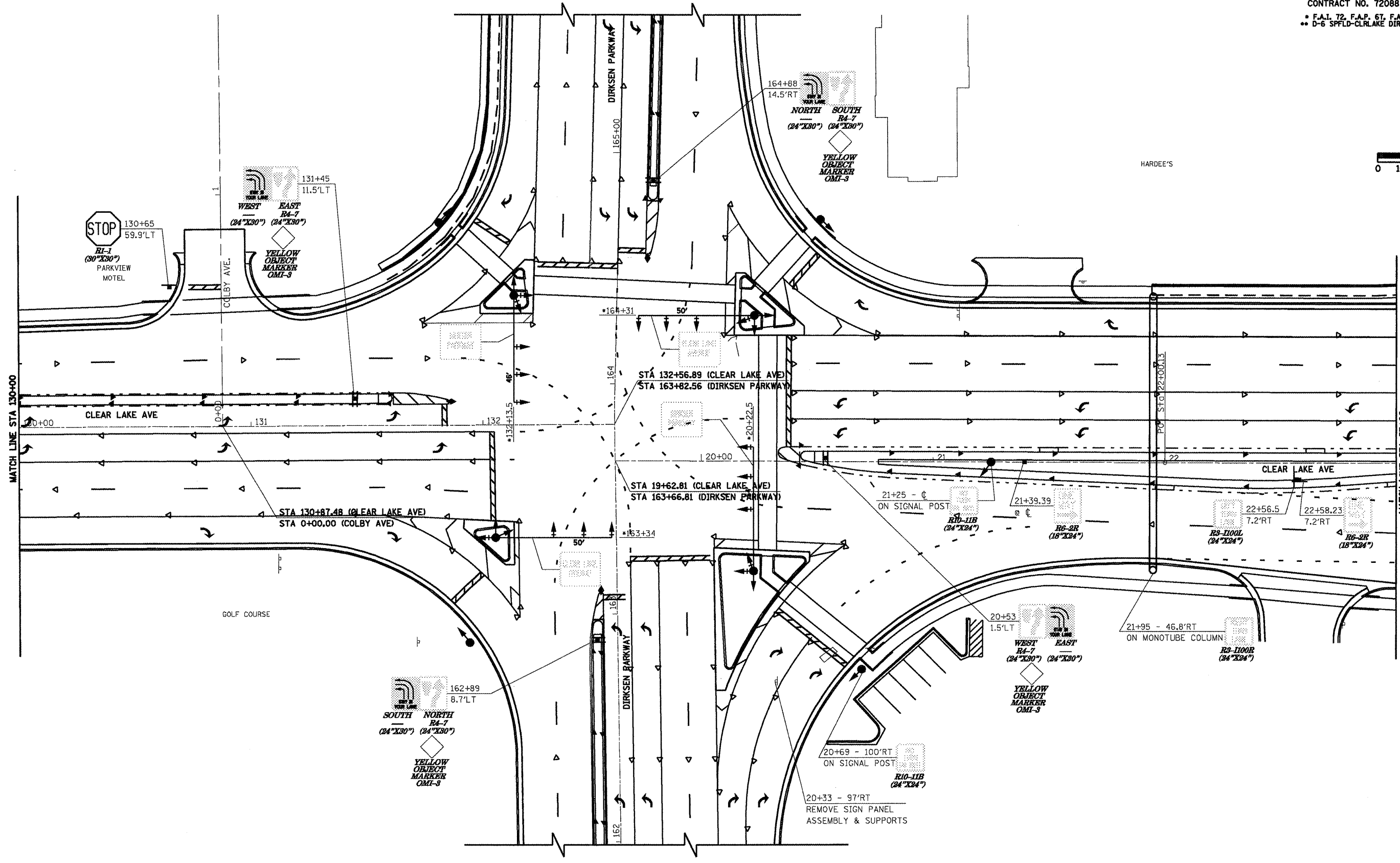
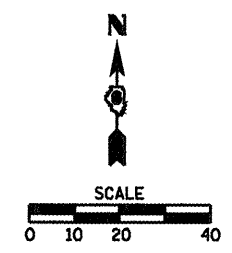
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\* Sheet 193 NOT USED \*

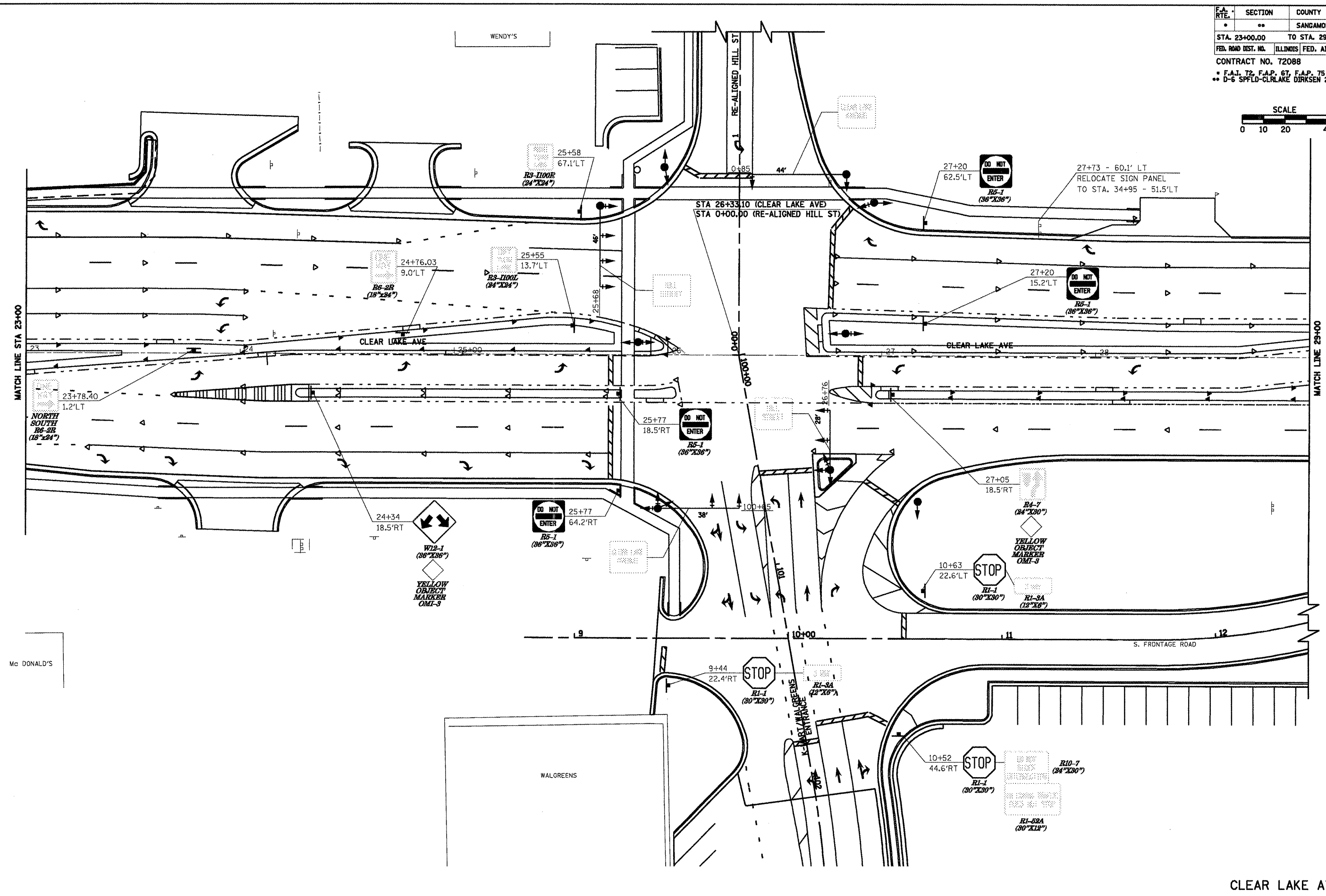
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	194
STA. 124+95.41		TO STA. 130+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				
• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668				
•• D-6 SPFLD-CLRLAKE DIRKSEN 2002				



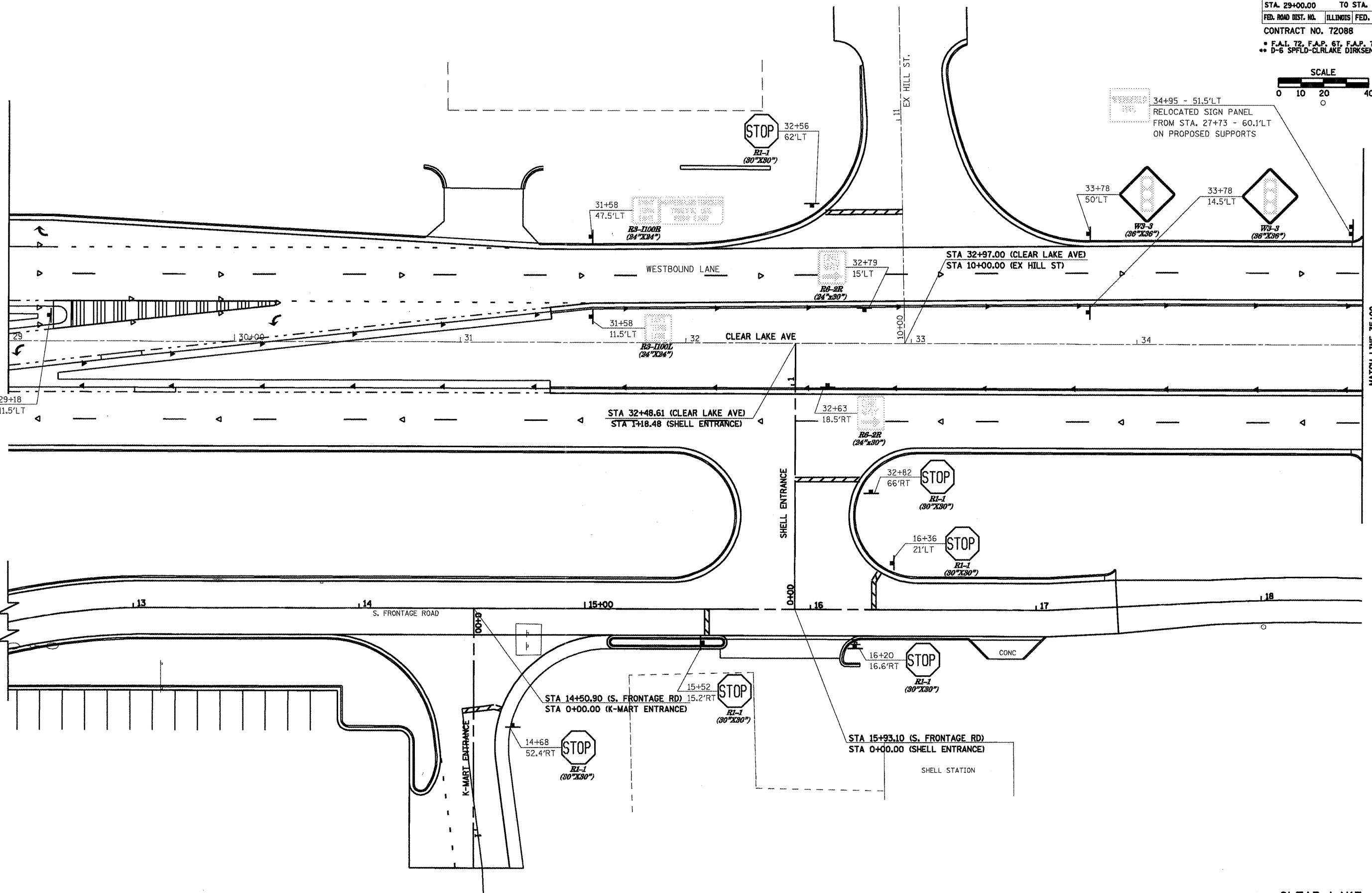
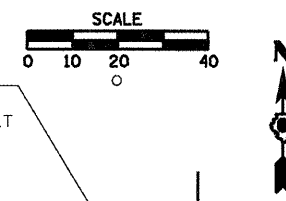
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SANGAMON	363	195
STA. 130+00.00		TO STA. 23+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				
* F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668				
** D-6 SPFLD-CLRLAKE DIRKSEN 2002				



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	196
STA. 23+00.00		TO STA. 29+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				
• F.A.I. T2, F.A.P. 67, F.A.P. 75 & F.A.P. 668				
•• D-6 SPFLD-CLRLAKE DIRKSEN 2002				



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	197
STA. 29+00.00		TO STA. 35+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				
• F.A.L. 72, F.A.P. 61, F.A.P. 75 & F.A.P. 668				
•• D-6 SPFLD-CLRLAKE DIRKSEN 2002				

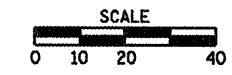


MATCH LINE 35+00

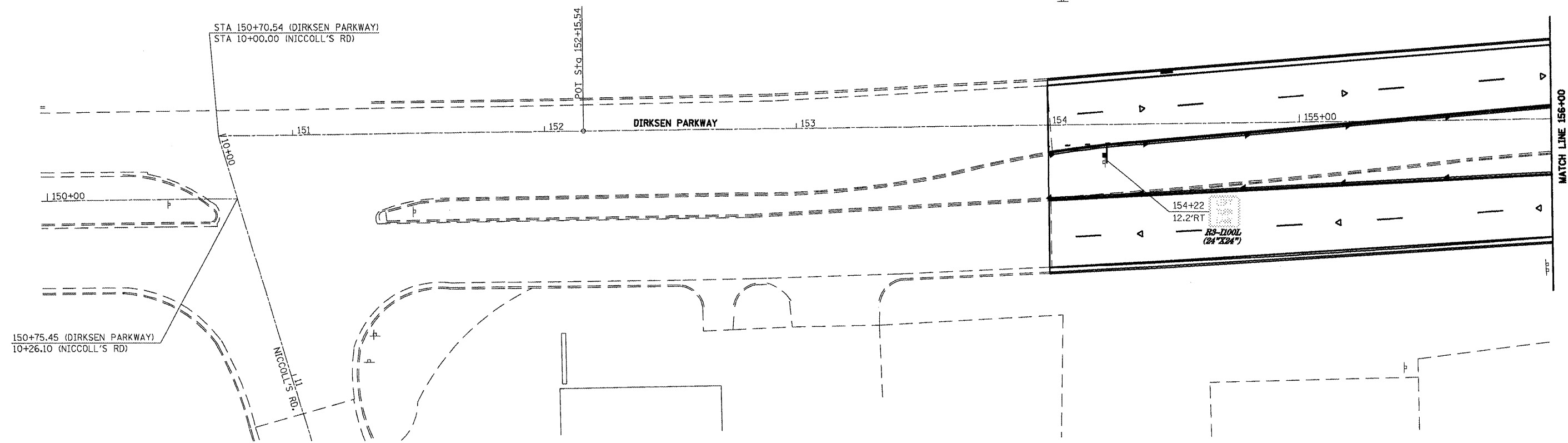
CLEAR LAKE AVE

• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	**	SAGAMON	363	198
STA. 150+00.00		TO STA. 156+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				



GOLF COURSE



150+75.45 (DIRKSEN PARKWAY)  
 10+26.10 (NICCOLL'S RD)

STA 150+70.54 (DIRKSEN PARKWAY)  
 STA 10+00.00 (NICCOLL'S RD)

POT Sta 152+15.54

DIRKSEN PARKWAY

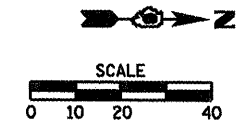
154+22  
 12.2'RT  
 RS-1100L  
 (24"x24")

MATCH LINE 156+00

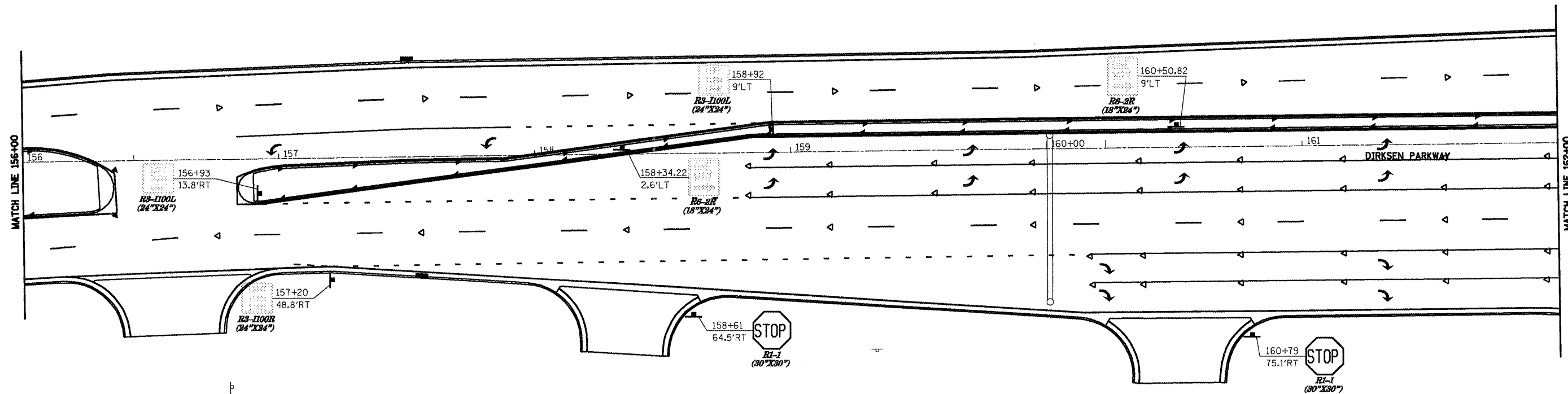
DIRKSEN PARKWAY

• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668  
 \*\* D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	SAGAMON	363	199
STA. 156+00.00		TO STA. 162+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				



GOLF COURSE



DIRKSEN PARKWAY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	200
STA. 162+00.00		TO STA. 168+00.00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 72088				
• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668				
•• D-6 SPFLD-CLRLAKE DIRKSEN 2002				

