

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 682 (IL 4)
21-1RS-4

RESURFACING 3P - 0.3 MI N OF STEVENSON
DRIVE TO IL 154
RANDOLPH COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
682	21-1RS-4	RANDOLPH	24	1
		ILLINOIS	CONTRACT NO. 76G97	

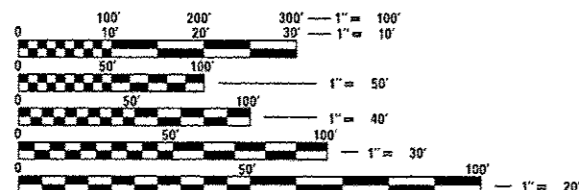
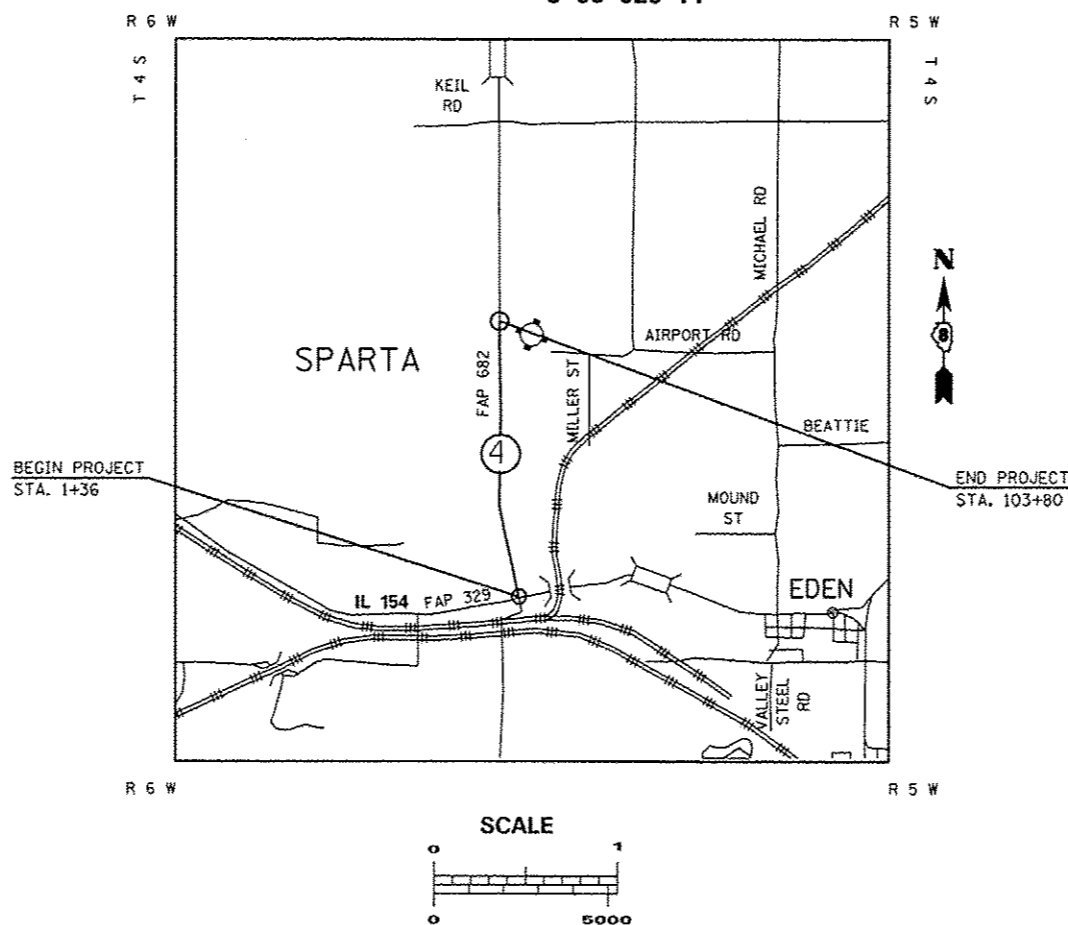
FOR INDEX OF SHEETS, SEE SHEET NO. 2

D-98-023-14



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

C-98-023-14



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: TIM PADGETT 618-346-3325
PROJECT MANAGER: LIZ BURNSIDE 618-346-3196

CONTRACT NO. 76G97

GROSS LENGTH = 10,244 FT. = 1.94 MILE
NET LENGTH = 10,244 FT. = 1.94 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED July 11 20 14

Jeffrey J. Keim
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Aug 15 20 14
John D. Baranzoli, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

Aug 15 20 14
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

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14-16	DETECTOR LOOP REPLACEMENT PLAN
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STANDARDS

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- 781001-03

COMMITMENTS

NONE

GENERAL NOTES

① ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
*CLEARWAVE COMMUNICATIONS	X	X
*FRONTIER NORTH, INC. (COMMUNICATIONS)	X	X
*NEW WAVE COMMUNICATIONS (CABLE TV)		X
*CITY OF SPARTA (WATER & SANITARY)		X
*AMEREN ILLINOIS (GAS & ELECTRIC)	X	X

MEMBERS OF J.U.L.I.E. (800)-892-0123 OR 811 ARE INDICATED BY *. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

② THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAP 682 (IL 4)
SECTION	21-IRS-4
COUNTY	RANDOLPH
CONTRACT	76G97

DESCRIPTION	IL 4 FROM 0.3 MILES NORTH OF STEVENSON DRIVE TO IL 154
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ADT (Construction Yr):	10900
MU%:	1.6
SUZ%:	2.5
20YR. ESAL'S:	0.91

MIXTURE USE	POLY SURFACE	LEVELING BINDER	PATCHING	SHOULDERS>2.25'
AC/PG	SBS PG 75-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% □ Ndes=70	4.0% □ Ndes=70	4.0% □ Ndes=70	**2.0% □ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5 FG	IL 19.0 FG	NMAS 3/4"
FRICTION ACC	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	
QUALITY MGMT PROGRAM	QC/QA	QC/QA	QC/QA	QC/QA

** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.
 Plan quantities for Bituminous Concrete Surface Course Items are calculated using a unit weight of 112 lb/sq yd/ln (59.8 kg/sq m/25 mm thickness).

- ③ THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- ④ FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- ⑤ THERE ARE EXISTING CONCRETE PATCHES ALONG THE PROJECT. THESE ARE TO BE MILLED AT THE LOCATION AND DEPTH AS STATED IN THE RESURFACING SCHEDULE FOR HMA SURFACE REMOVAL AND SHALL BE PAID FOR AS HMA SURFACE REMOVAL.
- ⑥ THE PROPOSED PAVEMENT MARKINGS SHALL BE PLACED IN THE SAME LOCATION AS EXISTING OR AS DIRECTED BY THE RESIDENT ENGINEER.
- ⑦ "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE. (48" x 48")

- ⑧ SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, BINDER AND BITUMINOUS SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS. ONLY REMOVAL OF SHORT TERM PAVEMENT MARKING REMOVAL FROM FINAL SURFACE TO BE PAID AS 'WORK ZONE PAVEMENT MARKING REMOVAL.
- ⑨ THE CONTRACTOR SHALL ORGANIZE THE WORK IN THIS PROJECT TO AVOID A DROP OFF AT CENTERLINE GREATER THAN 2 INCHES BETWEEN ADJACENT OPEN TRAFFIC LANES.
- ⑩ NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- ⑪ ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO BITUMINOUS SURFACE REMOVAL.
- ⑫ THE CONTRACTOR AND ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING, TOPOGRAPHY, AND QUANTITIES SHOWN IN THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ⑬ BETWEEN STA. 1+36 AND STA. 34+74, LEVEL BINDER MUST BE APPLIED AFTER MILLING BEFORE OPENING THE ROAD UP TO TRAFFIC.

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	PLOT SCALE: 100.0000 / 1" = 100'	DRAWN: -	REVISED: -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT DATE: 7/11/2014	CHECKED: -	REVISED: -	REVISED: -								24	2	
	DATE: -	REVISED: -	REVISED: -								CONTRACT NO. 76G97		

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE ROADWAY	
				0005	RURAL
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	2195	2195	
40600990	TEMPORARY RAMP	SQ YD	1168	1168	
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3276	3276	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3318	3318	
42400800	DETECTABLE WARNINGS	SQ FT	399	399	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	39549	39549	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	500	500	
44000600	SIDEWALK REMOVAL	SQ FT	3043	3043	
44200176	PAVEMENT PATCHING, TYPE I, 15 INCH	SQ YD	5	5	
44200180	PAVEMENT PATCHING, TYPE II, 15 INCH	SQ YD	61	61	
44200184	PAVEMENT PATCHING, TYPE III, 15 INCH	SQ YD	69	69	
44200186	PAVEMENT PATCHING, TYPE IV, 15 INCH	SQ YD	1779	1779	
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	760	760	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	373	373	

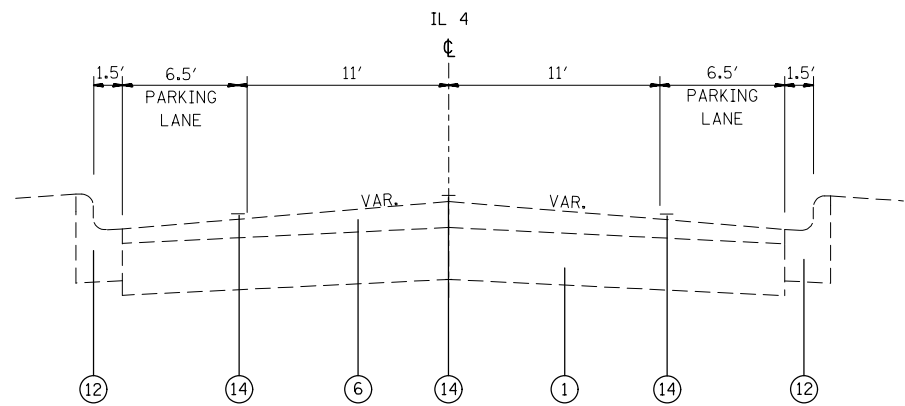
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE ROADWAY	
				0005	RURAL
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	482	482	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	18	18	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5713	5713	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	962	962	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	29490	29490	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	427	427	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	118	118	

SUMMARY OF QUANTITIES

100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	
				0005	RURAL
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	635	635	
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	3	3	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	962	962	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	29490	29490	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	427	427	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	118	118	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	448	448	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	448	448	
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	100	100	
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	1954	1954	
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	1	
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	26323	26323	
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	Hour	1000	1000	
X8140115	HANDHOLE TO BE ADJUSTED	EACH	2	2	

13
* SPECIALTY ITEMS
∅ 0042

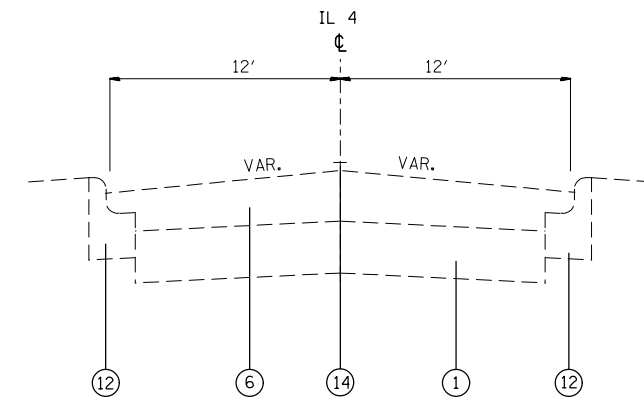


EXISTING TYPICAL SECTION
STA 1+36 TO 3+86

NOTE: EXISTING OVERLAY VARIES 2-1/2" TO 7-5/8"
STA 2+65 TO STA 3+86 RT - GUTTER IS OVERLAID

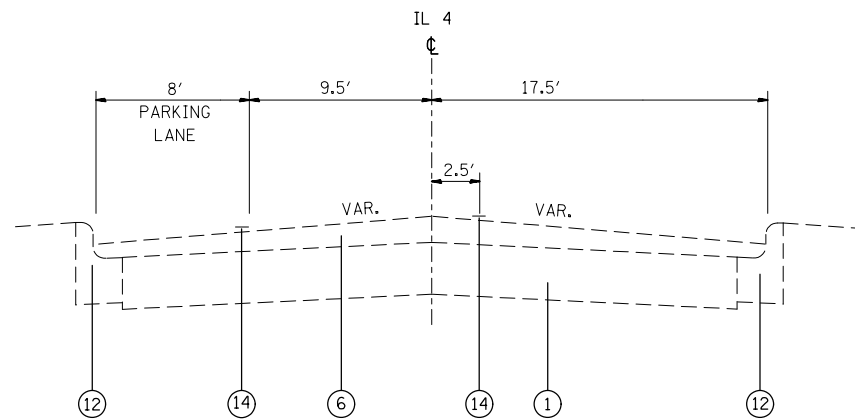
LEGEND

- ① EXISTING PCC PAVEMENT, 9"
- ② EXISTING PCC PAVEMENT, 9"-6"-9"
- ③ EXISTING PCC BASE COURSE, 7"
- ④ EXISTING PCC BASE COURSE WIDENING, 8"
- ⑤ EXISTING HMA BASE COURSE, 11"
- ⑥ EXISTING HMA OVERLAY
- ⑦ EXISTING HMA OVERLAY, 1-1/2"
- ⑧ EXISTING HMA OVERLAY, 2-1/2"
- ⑨ EXISTING HMA OVERLAY, 7-1/4"
- ⑩ EXISTING HMA SHOULDERS, 8"
- ⑪ EXISTING AGGREGATE SHOULDERS, 6"
- ⑫ EXISTING CURB AND GUTTER
- ⑬ EXISTING LIME MODIFIED SOIL, 12"
- ⑭ EXISTING PAVEMENT MARKING LINE
- ⑮ PROPOSED HMA SURFACE REMOVAL, 2-1/2"
- ⑯ PROPOSED LEVELING BINDER, IL 9.5FG, N70, 1"
- ⑰ PROPOSED HMA POLY SURFACE COURSE, MIX D, N70, 1-1/2"
- ⑱ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑲ PROPOSED HMA SHOULDERS, 2-1/2"
- ⑳ PROPOSED PAVEMENT MARKING LINE



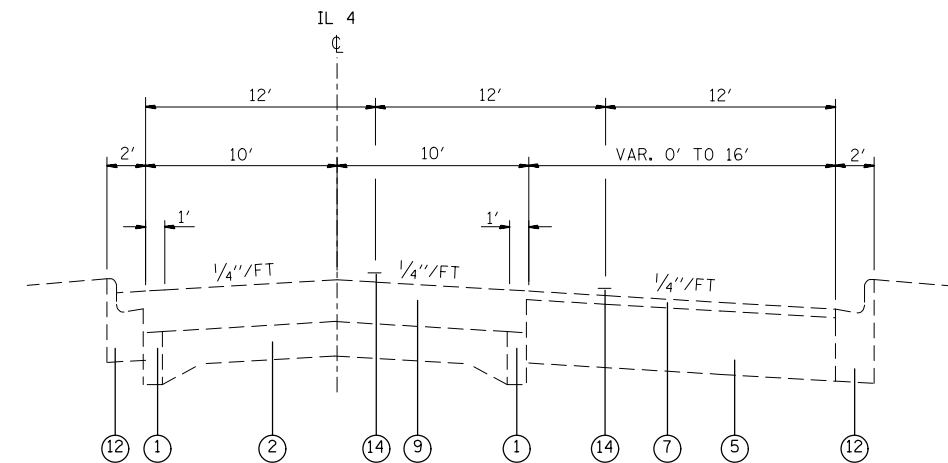
EXISTING TYPICAL SECTION
STA 6+68 TO STA 34+74

NOTE: EXISTING OVERLAY VARIES 2-1/2" TO 8-3/4"



EXISTING TYPICAL SECTION
STA 3+86 TO 6+68

NOTE: EXISTING OVERLAY VARIES 2-1/2" TO 7-5/8"



EXISTING TYPICAL SECTION
STA 34+74 TO 50+70

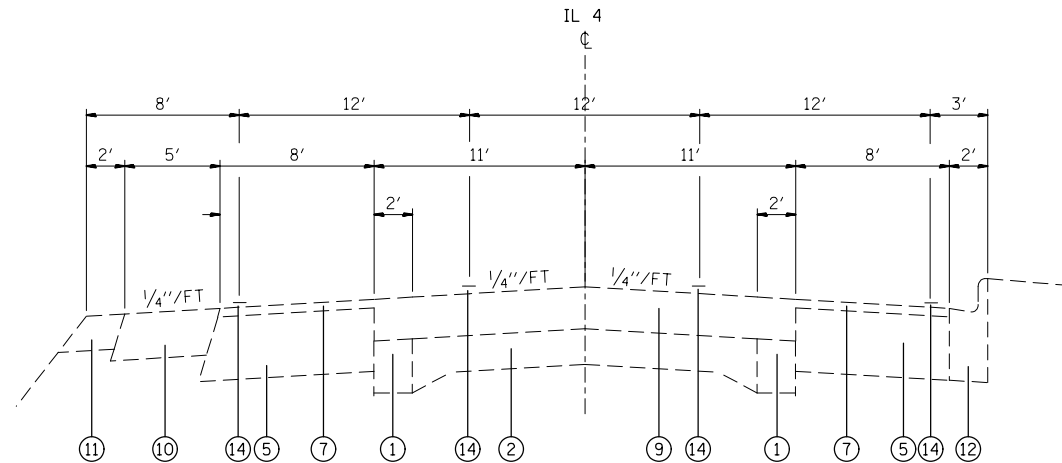
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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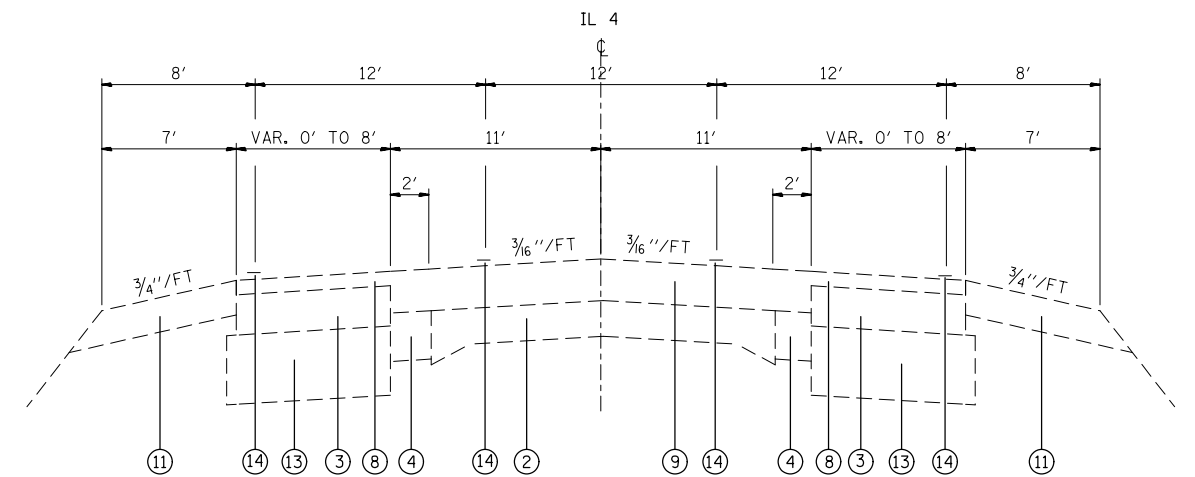
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IL 4	21-IRS-4	RANDOLPH	24	5
CONTRACT NO. 76G97				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



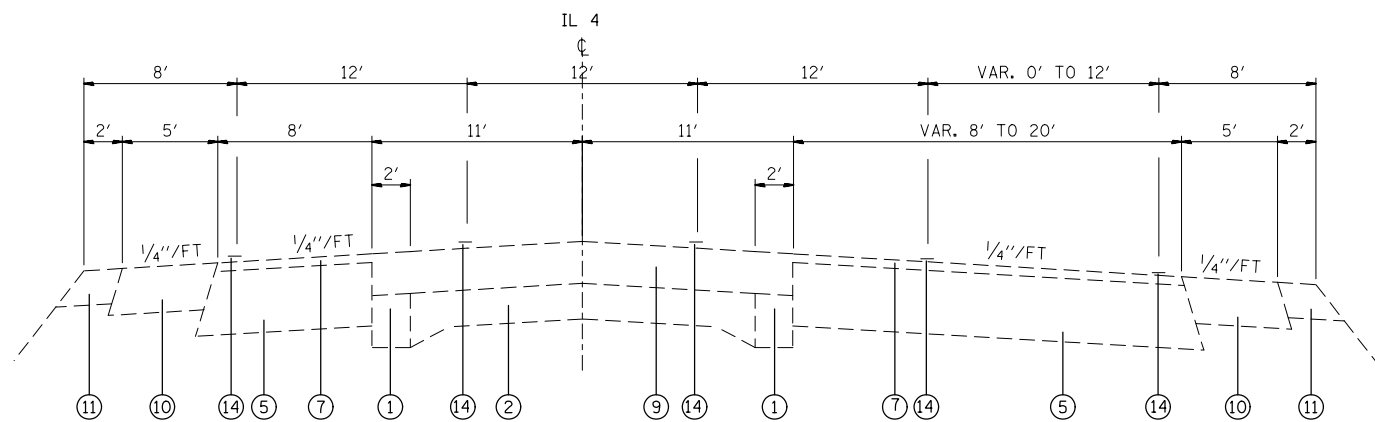
EXISTING TYPICAL SECTION
STA. 50+70 TO STA. 57+21

LEGEND

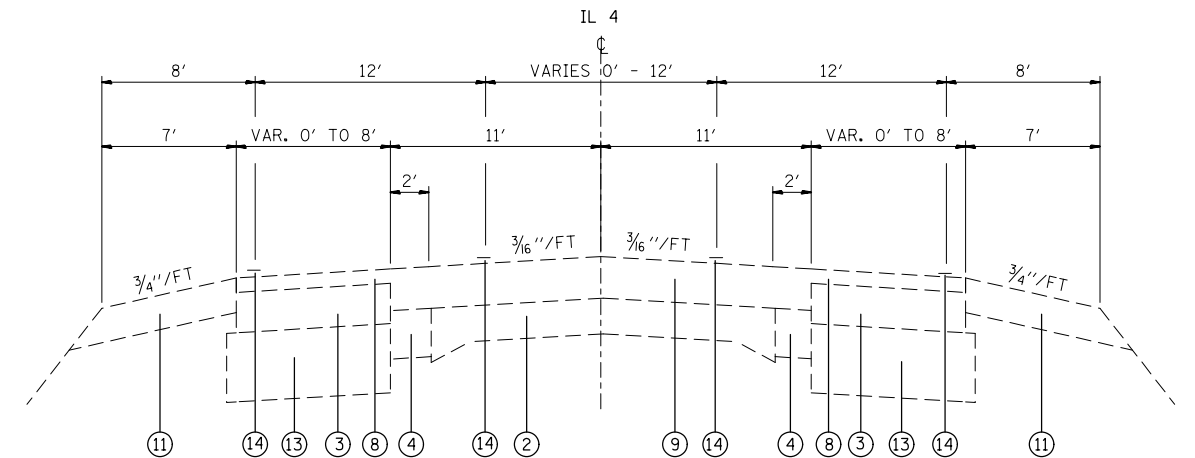
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- ② EXISTING PCC PAVEMENT, 9"-6"-9"
- ③ EXISTING PCC BASE COURSE, 7"
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- ⑥ EXISTING HMA OVERLAY
- ⑦ EXISTING HMA OVERLAY, 1-1/2"
- ⑧ EXISTING HMA OVERLAY, 2-1/2"
- ⑨ EXISTING HMA OVERLAY, 7-1/4"
- ⑩ EXISTING HMA SHOULDERS, 8"
- ⑪ EXISTING AGGREGATE SHOULDERS, 6"
- ⑫ EXISTING CURB AND GUTTER
- ⑬ EXISTING LIME MODIFIED SOIL, 12"
- ⑭ EXISTING PAVEMENT MARKING LINE
- ⑮ PROPOSED HMA SURFACE REMOVAL, 2-1/2"
- ⑯ PROPOSED LEVELING BINDER, IL 9.5FG, N70, 1"
- ⑰ PROPOSED HMA POLY SURFACE COURSE, MIX D, N70, 1-1/2"
- ⑱ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑳ PROPOSED HMA SHOULDERS, 2-1/2"
- ㉑ PROPOSED PAVEMENT MARKING LINE



EXISTING TYPICAL SECTION
STA. 66+15 TO STA. 101+00



EXISTING TYPICAL SECTION
STA. 57+21 TO STA. 66+15



EXISTING TYPICAL SECTION
STA. 100+00 TO STA. 103+80

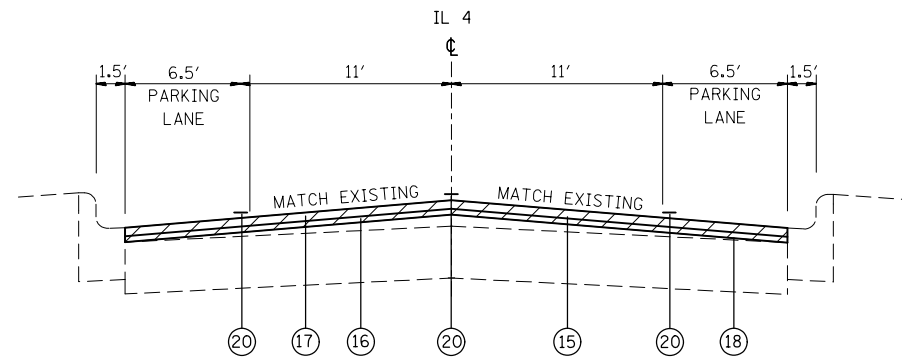
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL 4	21-IRS-4	RANDOLPH	24	6
CONTRACT NO. 76G97				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

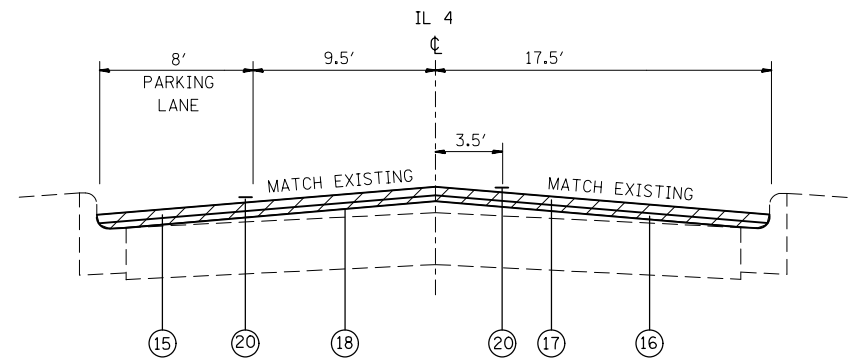


PROPOSED TYPICAL SECTION
STA 1+36 TO 3+86

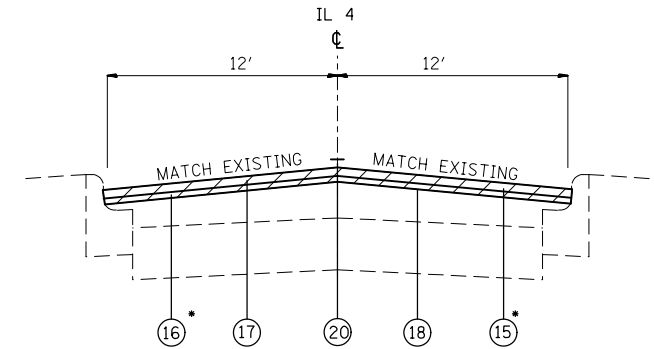
NOTE: STA 2+65 TO STA 3+86 RT - GUTTER IS OVERLAID

LEGEND

- ① EXISTING PCC PAVEMENT, 9"
- ② EXISTING PCC PAVEMENT, 9"-6"-9"
- ③ EXISTING PCC BASE COURSE, 7"
- ④ EXISTING PCC BASE COURSE WIDENING, 8"
- ⑤ EXISTING HMA BASE COURSE, 11"
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- ⑫ EXISTING CURB AND GUTTER
- ⑬ EXISTING LIME MODIFIED SOIL, 12"
- ⑭ EXISTING PAVEMENT MARKING LINE
- ⑮ PROPOSED HMA SURFACE REMOVAL, 2-1/2"
- ⑯ PROPOSED LEVELING BINDER, IL 9.5FG, N70, 1"
- ⑰ PROPOSED HMA POLY SURFACE COURSE, MIX D, N70, 1-1/2"
- ⑱ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑲ PROPOSED HMA SHOULDERS, 2-1/2"
- ⑳ PROPOSED PAVEMENT MARKING LINE
- ㉑ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT



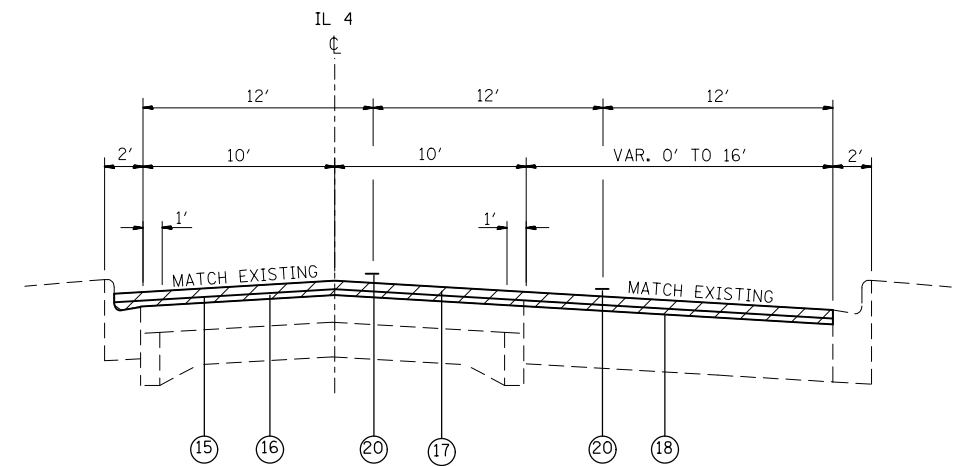
PROPOSED TYPICAL SECTION
STA 3+86 TO 6+68



PROPOSED TYPICAL SECTION
STA 6+68 TO STA 34+74

NOTE:

- STA. 7+43 TO STA. 8+93; TAPER MILLING FROM 2-1/2" TO 0"
- STA. 8+93 TO STA. 9+43; TAPER BINDER (16) FROM 1" TO 1-1/2"
- STA. 9+43 TO STA. 10+43; BINDER (16) = 1-1/2"
- STA. 10+43 TO STA. 10+93; TAPER BINDER (16) FROM 1-1/2" TO 1"
- STA. 10+93 TO STA. 12+23; TAPER MILLING (16) FROM 0" TO 2-1/2"
- STA. 8+93 TO STA. 10+93; NO MILLING



PROPOSED TYPICAL SECTION
STA 34+74 TO 50+70

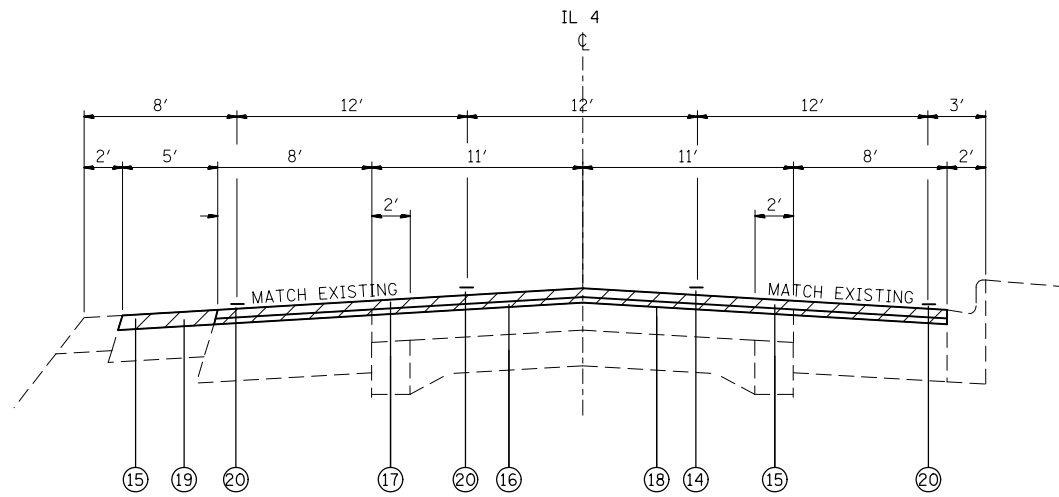
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

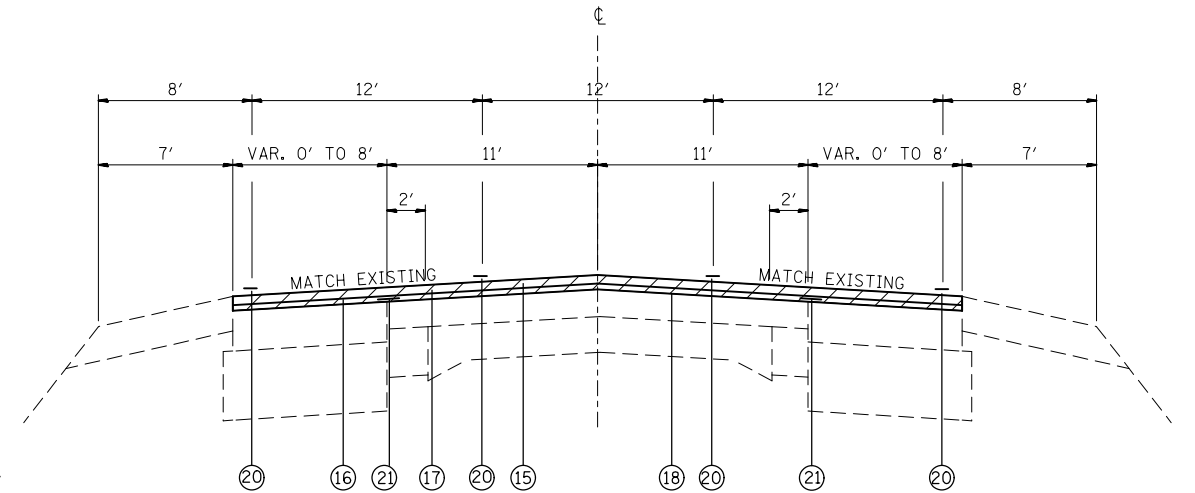
TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL 4	21-IRS-4	RANDOLPH	24	7
CONTRACT NO. 76G97				
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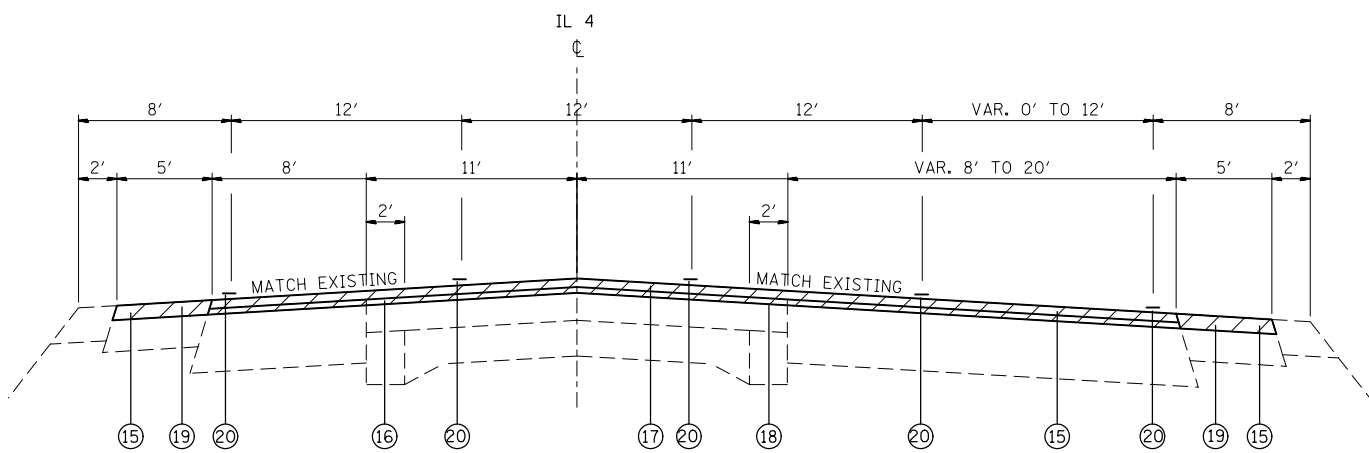
PROPOSED TYPICAL SECTION
STA. 50+70 TO STA. 57+21



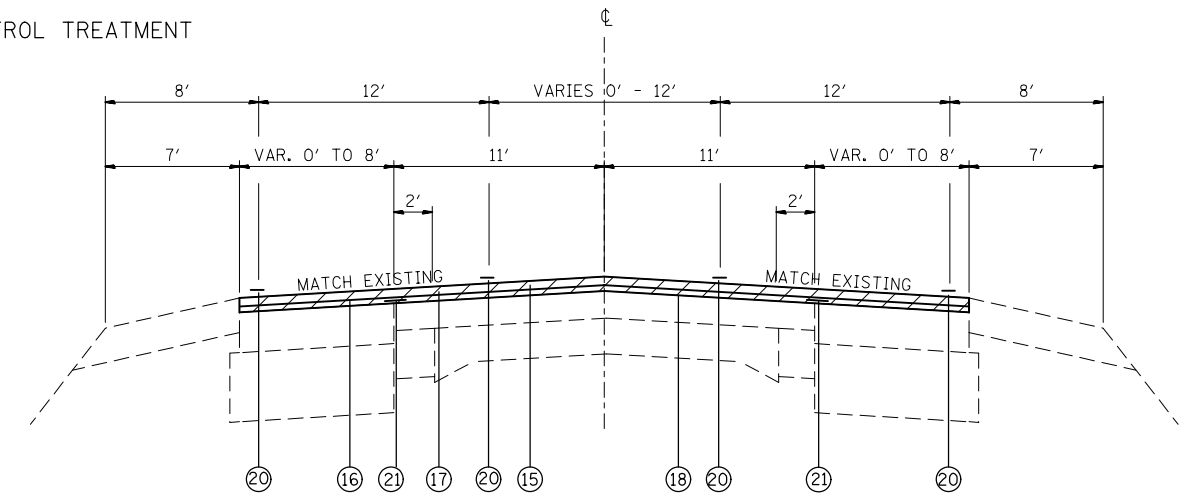
PROPOSED TYPICAL SECTION
STA. 66+15 TO STA. 101+00

NOTE: STRIP REFLECTIVE CRACK CONTROL TREATMENT
STA. 100+00 TO 103+80

- LEGEND**
- ① EXISTING PCC PAVEMENT, 9"
 - ② EXISTING PCC PAVEMENT, 9"-6"-9"
 - ③ EXISTING PCC BASE COURSE, 7"
 - ④ EXISTING PCC BASE COURSE WIDENING, 8"
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 - ⑬ EXISTING LIME MODIFIED SOIL, 12"
 - ⑭ EXISTING PAVEMENT MARKING LINE
 - ⑮ PROPOSED HMA SURFACE REMOVAL, 2-1/2"
 - ⑯ PROPOSED LEVELING BINDER, IL 9.5FG, N70, 1"
 - ⑰ PROPOSED HMA POLY SURFACE COURSE, MIX D, N70, 1-1/2"
 - ⑱ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
 - ⑲ PROPOSED HMA SHOULDERS, 2-1/2"
 - ⑳ PROPOSED PAVEMENT MARKING LINE
 - ㉑ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT



PROPOSED TYPICAL SECTION
STA. 57+21 TO STA. 66+15



PROPOSED TYPICAL SECTION
STA. 101+00 TO STA. 103+80

NOTE: STRIP REFLECTIVE CRACK CONTROL TREATMENT
STA. 100+00 TO 103+80

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -
et:\pw\work\p\idot\burnsideem\d0378703\d876g97-sht-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 7/11/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL 4	21-IRS-4	MADISON	24	8
CONTRACT NO. 76G97				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE							
LOCATION			BIT MATERIAL (PRIME COAT) 2 LIFTS	LEVELING BINDER (MACHINE METHOD) IL 9.5FG, N70, 1"	LEVELING BINDER (MACHINE METHOD) IL 9.5FG, N70, 1-1/2"	POLY HMA SURFACE COURSE, MIX "D", N70, 1-1/2"	HMA SURFACE REMOVAL, 2-1/2"
STA	TO	STA	(POUND)	(TON)	(TON)	(TON)	(SQYD)
IL 4							
1+36	TO	3+86	713	59		89	1056
3+86	TO	6+68	740	61		92	1097
6+68	TO	7+43	135	11		17	200
7+43	TO	8+93	270	22		34	200
8+93	TO	9+43	90		9	11	
9+43	TO	10+43	180		22	22	
10+43	TO	10+93	90		9	11	
10+93	TO	12+23	234	19		29	173
12+23	TO	19+68	1341	111		167	1987
19+68	TO	34+74	2711	225		337	4016
34+74	TO	50+70	3830	318		477	5675
50+70	TO	57+21	1953	162		243	2893
57+21	TO	58+85	467	39		58	692
58+85	TO	66+15	2409	200		300	3569
66+15	TO	76+97	3246	269		404	4809
76+97	TO	101+00	6849	568		852	10146
101+00	TO	103+80	630	52		78	933
MOODY DR							
0+00	TO	1+29	435	36		54	644
TOTAL:			26323	2154	41	3276	38090

SHOULDER SCHEDULE					
LOCATION			RT/LT	HMA SHOULDERS, 2-1/2"	HMA SURFACE REMOVAL, 2-1/2"
STA	TO	STA		(TON)	(SQYD)
IL 4					
50+70	TO	57+21	LT	53	362
57+21	TO	58+85	RT/LT	27	91
58+85	TO	66+15	RT/LT	118	406
66+15	TO	76+97	RT/LT	175	601
TOTAL:				373	1459

RAISED PAVEMENT MARKERS						
LOCATION			RAISED REFLECTOR PAVEMENT MARKER TWO-WAY AMBER	RAISED REFLECTOR PAVEMENT MARKER ONE-WAY AMBER	RAISED REFLECTOR PAVEMENT MARKER REMOVAL	
STA	TO	STA	(EACH)	(EACH)	(EACH)	
IL 4						
1+36	TO	33+98	41		41	
33+98	TO	35+56	5		5	
35+56	TO	37+97	14		14	
37+97	TO	55+19	88		88	
55+19	TO	57+16	9	6	15	
57+16	TO	59+91	9	10	19	
59+91	TO	65+43	30	37	67	
65+43	TO	67+80	9	6	15	
67+80	TO	101+00	166		166	
101+00	TO	103+80	18		18	
SUBTOTAL:			389	59	448	
TOTAL:				448	448	

PAVEMENT PATCHING 15INCH SCHEDULE							
LOCATION	LANE	LENGTH	LANE WIDTH	PAVEMENT PATCHING TYPE I	PAVEMENT PATCHING TYPE II	PAVEMENT PATCHING TYPE III	PAVEMENT PATCHING TYPE IV
	(SB/NB)	(FOOT)	(FOOT)	(SQ. YD.)	(SQ YD.)	(SQ YD.)	(SQ YD.)
IL 4							
4+00	NB	6.0	6.0	4.0			
11+06	NB	570.0	6.0				380.0
11+06	SB	570.0	6.0				380.0
16+88	NB	15.0	12.0			20.0	
16+88	SB	15.0	12.0			20.0	
18+99	NB	40.0	12.0				53.3
18+99	SB	40.0	12.0				53.3
19+52	NB	20.0	12.0				26.7
19+52	SB	20.0	12.0				26.7
20+58	NB	8.0	12.0		10.7		
20+58	SB	8.0	12.0		10.7		
24+80	NB	50.0	6.0				33.3
24+80	SB	50.0	6.0				33.3
28+50	NB	100.0	6.0				66.7
28+50	SB	100.0	6.0				66.7
30+08	NB	100.0	6.0				66.7
30+08	SB	100.0	6.0				66.7
33+00	NB	8.0	12.0		10.7		
34+83	SB	6.0	12.0		8.0		
35+36	SB	10.0	12.0		13.3		
39+40	SB	70.0	12.0				93.3
40+00	SB	15.0	12.0			20.0	
40+64	SB	100.0	12.0				133.3
45+72	SB	50.0	12.0				66.7
SUBTOTAL:				4.0	53.3	60.0	1546.7
ANTICIPATED FAILURES (15%) :				0.6	8.0	9.0	232.0
TOTAL:				5	61	69	1779

TEMPORARY RAMPS						
STA	TO	STA	W	L	RT/LT	(SQ YD)
IL 4						
1+36	TO	1+46	38	10		42
3+72	TO	4+00	28	10	RT/LT	62
6+54	TO	6+82	27.5	10	RT/LT	61
10+94	TO	11+18	24	10	LT	27
13+12	TO	13+36	24	10	RT/LT	53
16+61	TO	16+91	30.5	10	RT/LT	68
19+54	TO	19+83	29	10	RT/LT	64
22+19	TO	22+89	70	10	RT	78
25+93	TO	26+17	24	10	RT	27
26+82	TO	27+06	24	10	RT/LT	53
31+65	TO	31+95	30	10	RT	33
31+85	TO	32+09	24	10	LT	27
35+51	TO	35+75	24	10	LT	27
40+28	TO	40+61	33	10	LT	37
49+88	TO	50+12	24	10	LT	27
54+12	TO	54+47	35	10	RT	39
54+19	TO	54+54	35	10	LT	39
57+32	TO	57+82	50	10	LT	56
67+46	TO	67+83	37	10	RT	41
65+50	TO	65+88	38	10	RT	42
70+07	TO	70+67	60	10	LT	67
70+02	TO	70+87	85	10	RT	94
73+58	TO	73+82	24	10	RT	27
81+42	TO	81+66	24	10	RT	27
87+15	TO	87+39	24	10	LT	27
103+69	TO	103+91	22	10		24
TOTAL:						1168

LOCATION	THERMOPLASTIC PAVEMENT MARKING AND TEMPORARY PAVEMENT MARKING								SHORT- TERM PAVEMENT MARKING (3 LIFTS) (WHITE)	SHORT- TERM PAVEMENT MARKING (3 LIFTS) (YELLOW)	WORKZONE PAVEMENT MARKING REMOVAL		
	LINE, 4" SOLID (WHITE)	LINE, 4" SKIP-DASH (WHITE)	LINE, 4" SOLID (YELLOW)	LINE, 4" SKIP-DASH (YELLOW)	LINE, 12" SOLID (YELLOW)	LINE, 12" SOLID (WHITE)	LINE, 24" SOLID (WHITE)	LETTERS & SYMBOLS (WHITE)					
STA	TO	STA	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ.FT		
IL 4													
1+36	TO	5+80	716					111			133	15	
5+80	TO	13+00						180			216	24	
13+00	TO	18+63			563			141			169	19	
18+63	TO	20+45						46			55	6	
20+45	TO	25+80			535			134			161	18	
25+80	TO	33+98						205			245	27	
33+98	TO	35+56			316						95	11	
35+56	TO	37+97			964			96			145	16	
37+97	TO	50+00			2406			602		72	722	80	
50+00	TO	57+57	675		1400			258		116	454	54	
57+57	TO	61+65	820	30	665			100		26	245	31	
61+65	TO	65+69	685	75	565			210		40	242	51	
65+69	TO	67+80	385		280			26		15.6	127	33	
67+80	TO	101+00	5940		6640			1660			1992	221	
101+00	TO	103+80	560		1120			93			168	19	
MOODY DR													
0+00	TO	1+29	315		190			50			25	9	
SUBTOTAL:			10096	105	15644	3645	189	238	118	962	485	5228	635
TOTAL:					29490			427	118	962	5713		635

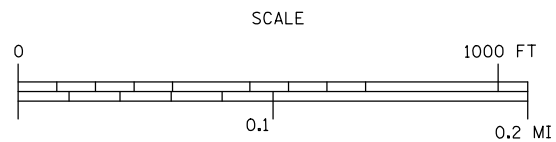
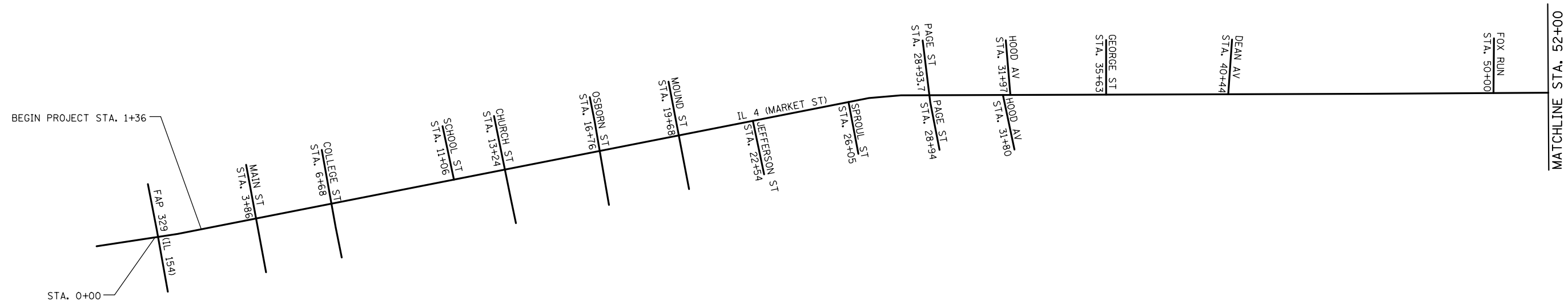
STRIP REFLECTIVE CRACK CONTROL TREATMENT				
STA	TO	STA	RT/LT	(FOOT)
IL 4				
100+00	TO	103+80	RT/LT	760
TOTAL:				760

CURB RAMP SCHEDULE												
LOCATION		INCIDENTAL HMA SURFACING 2"	PCC SIDEWALK 4"	DETECTABLE WARNINGS	COMBINATION CURB & GUTTER REMOVAL	SIDEWALK REMOVAL	VALVE BOXES TO BE ADJUSTED	COMBINATION CURB & GUTTER TYPE B-6-18	COMBINATION CURB & GUTTER TYPE B-6-24	RELOCATE SIGN PANEL ASSEMBLY TYPE A	REMOVE EXISTING CONCRETE FOUNDATION	HANDHOLE TO BE ADJUSTED
INTERSECTION	QUADRANT /OFFSET	(TON)	(SQ FT)	(SQ FT)	(FOOT)	(SQ FT)	(EACH)	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)
MAIN STREET AND IL RTE 4	NW		73.0	15	17	72		17				
	SW		206.0	21	33	199		33		1		
COLLEGE STREET AND IL RTE 4	SE		205.0	25	35	205		35				
	NW		192.5	21	28	161		28				
CHURCH STREET AND IL RTE 4	NE		74.0	14	17	108		17				
	SW		163.5	16	32	136		32		1		
OSBORN STREET AND IL RTE 4	SE		101.5	13	25	137		25				
	NW		182.0	21	17	159	1	17				
PAGE STREET AND IL RTE 4	NE		97.0	18	15	96		15				
	NW		238.5	12	20	223		20				
HOOD STREET AND IL RTE 4	NE		488.0	20	22	478		22		1		
	NW		124.0	20	23	96		23		1		
DEAN AVENUE AND IL RTE 4	NE		45.0	13	18	41		18				
	NW		180.0	18	23	158		23				
MASONIC AVENUE AND IL RTE 4	NE		109.5	20	25	102		25		1		
	SW	1	148.5	20	34	231		34			1	
TOTAL	SE		40.0	20	17	35		17				
	NW		97.0	13	15	78		15				1
TOTAL	NE		48.5	10	10	37		10				
	SW		99.5	17	15	100		15				1
TOTAL		1	2,961.0	359	459	2,937	1	441	18	5	1	2

DESIGNED BY: JGG - CHECKED BY: JJK

8/25/14

FILE NAME =	USER NAME = jdk1	DESIGNED JGG	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
X:\CHN\14\2014\11\024-21\CAD\plans\067609	shh\schedule.dgn	DRAWN JDK	REVISED			682	21-IRS-4	RANDOLPH	24	10
MODELNAME =	PLOT SCALE = 3/8" = 1'	CHECKED MJB	REVISED			SCALE: NTS	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FEG. AID PROJECT
	PLOT DATE = 7/18/2014	DATE 06/30/14	REVISED							CONTRACT NO. 76G97



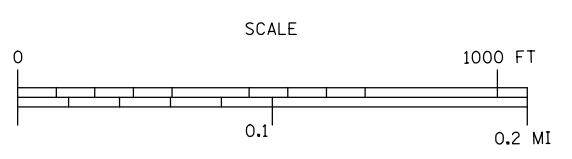
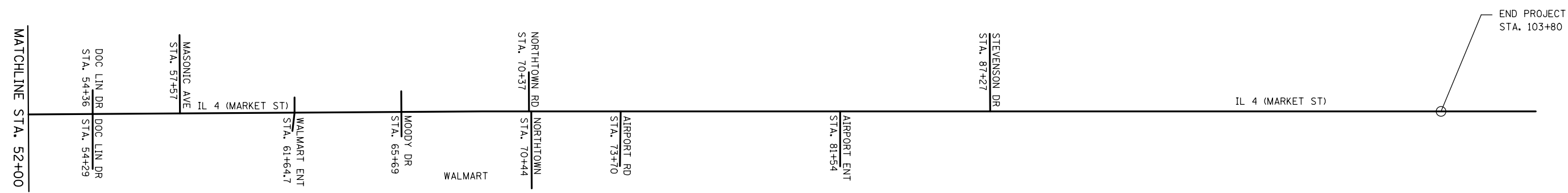
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 7/11/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
682	21-IRS-4	RANDOLPH	24	11
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C97	

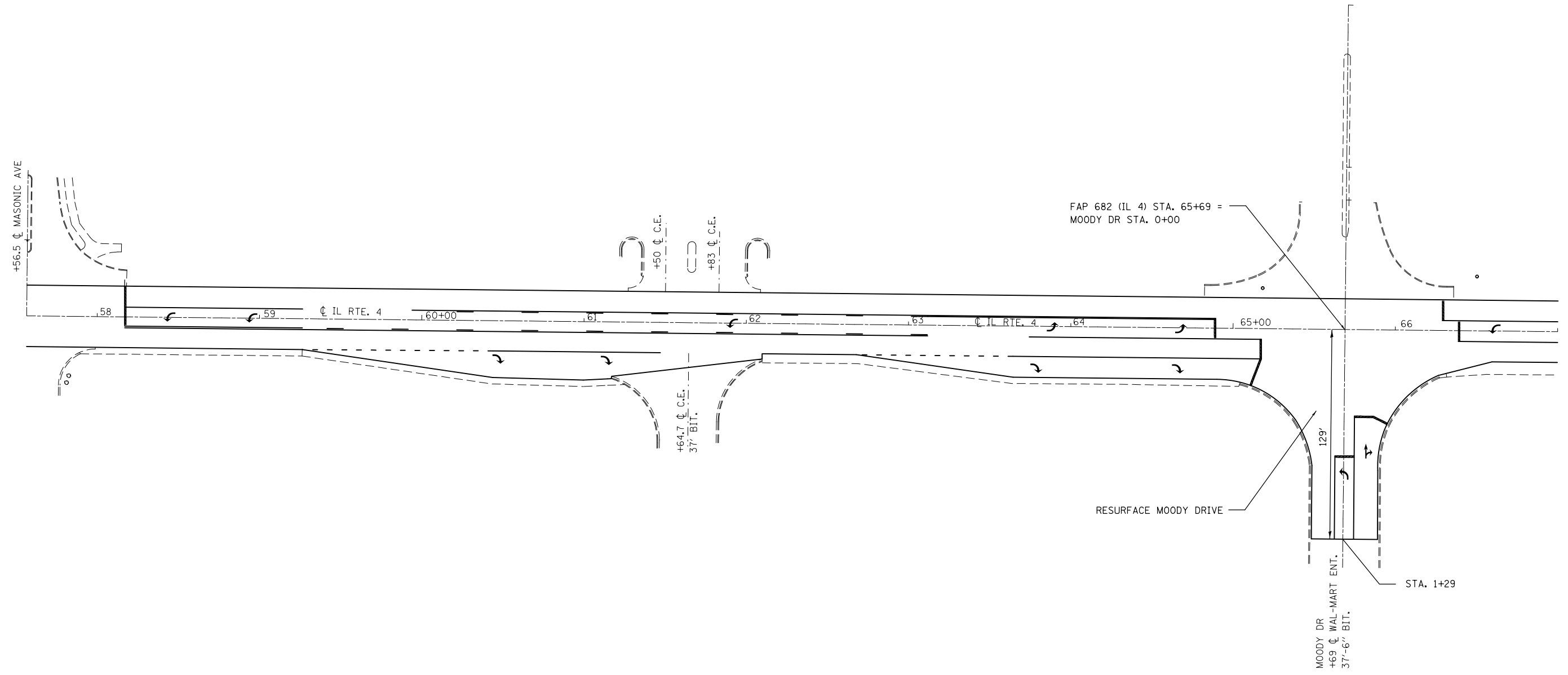


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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 7/11/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
682	21-IRS-4	RANDOLPH	24	12
CONTRACT NO. 76G97				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



NOT TO SCALE

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 7/11/2014	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WALMART ENTRANCE DETAIL

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

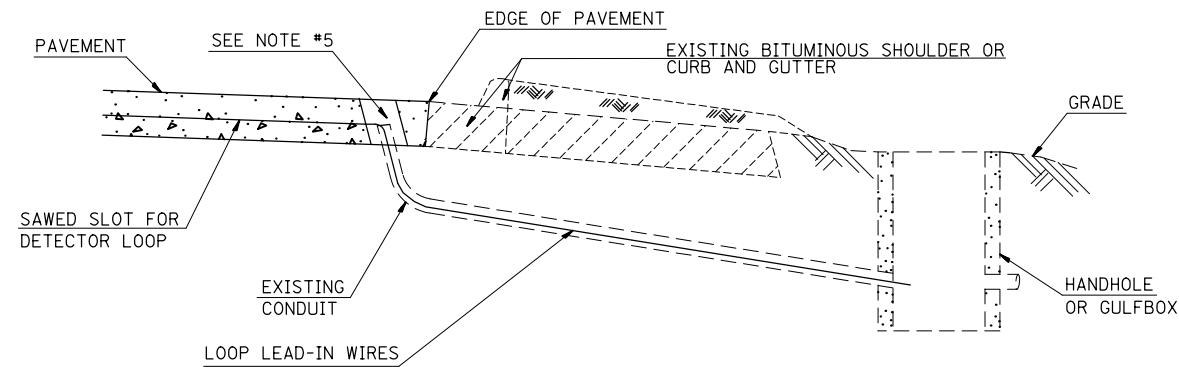
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
682	21-IRS-4	RANDOLPH	24	13
CONTRACT NO. 76C97				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS"
FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.

SEE "DETAIL A" FOR INSTALLING DETECTOR LOOP WIRES
IN EXISTING CONDUITS.

SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	IL 004 & MASONIC AVE.	IL 004 & WAL-MART ENT.
CODE NO	ITEM	UNIT			
80300100	LOCATING UNDERGROUND CABLE	FOOT	100	50	50
88600000	DETECTOR LOOP REPLACEMENT	FOOT	1954	768	1186



DETAIL A
(NO SCALE)

INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT

1. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
2. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE OR GULFBOX.
3. INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
4. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE OR GULFBOX.
5. FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.
6. LOCATING UNDERGROUND CABLE WILL BE PAID FOR SEPARATELY.

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

DETECTOR LOOP REPLACEMENT LEGEND

- ☒ EX. HANDHOLE
- EX. DETECTOR LOOP
- ☒ EX. TRAFFIC SIGNAL CONTROLLER
- EXISTING CONDUIT
- ▭ PROPOSED DETECTOR LOOP

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN GENERAL NOTES, SCHEDULE OF QUANTITIES, DETAIL AND LEGEND	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\burnsideem\d0378703\876g97-sht-tsp1an.dgn	DRAWN -	REVISED -	682			21-IRS-4	RANDOLPH	24	14	
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 76G97							
PLOT DATE = 7/11/2014	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. _ OF _ SHEETS	STA.	TO STA.			

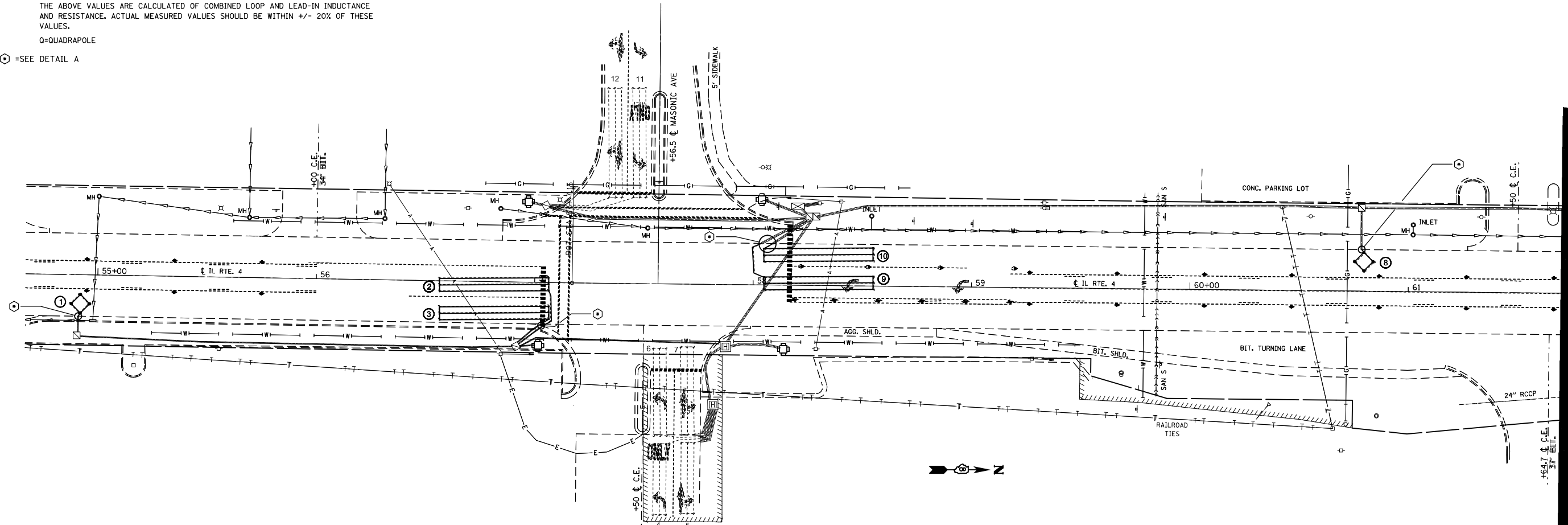
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 004 & MASONIC AVE.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. NB CCO	2	6 X 6	6	344.4	2.4
2. NB LT CD	5	6 X 50-Q	3-6-3	836.9	2.7
3. NB THRU CD	2	6 X 50-Q	3-6-3	832.6	2.7
4. WB LT CD A	4	6 X 40-Q	3-6-3	671.4	2.1
5. WB LT CD B	4	6 X 40-Q	3-6-3	669.0	2.0
6. WB THRU CD A	4	6 X 40-Q	3-6-3	671.0	2.1
7. WB THRU CD B	4	6 X 40-Q	3-6-3	667.5	2.0
8. SB CCO	6	6 X 6	6	319.8	1.8
9. SB LT CD	1	6 X 50-Q	3-6-3	800.3	1.9
10. SB THRU CD	6	6 X 50-Q	3-6-3	796.1	1.8
11. EB LT CD	3	6 X 50-Q	3-6-3	826.7	2.5
12. EB THRU CD	3	6 X 50-Q	3-6-3	824.3	2.5

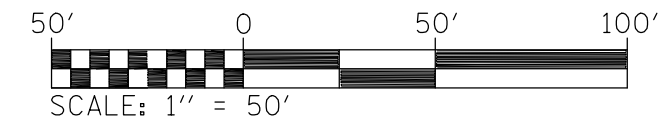
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

⊙ =SEE DETAIL A



IL 004 & MASONIC AVE.



MATCHLINE STA. 61+75

FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN 1 OF 2			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p1dot\burnsideem\d0378703\0876997-sht-tsp1an.dgn		DRAWN -	REVISED -		682	21-IRS-4	RANDOLPH	24	15			
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 76C97							
	PLOT DATE = 7/11/2014	DATE -	REVISED -		SCALE:	SHEET NO. _ OF _ SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

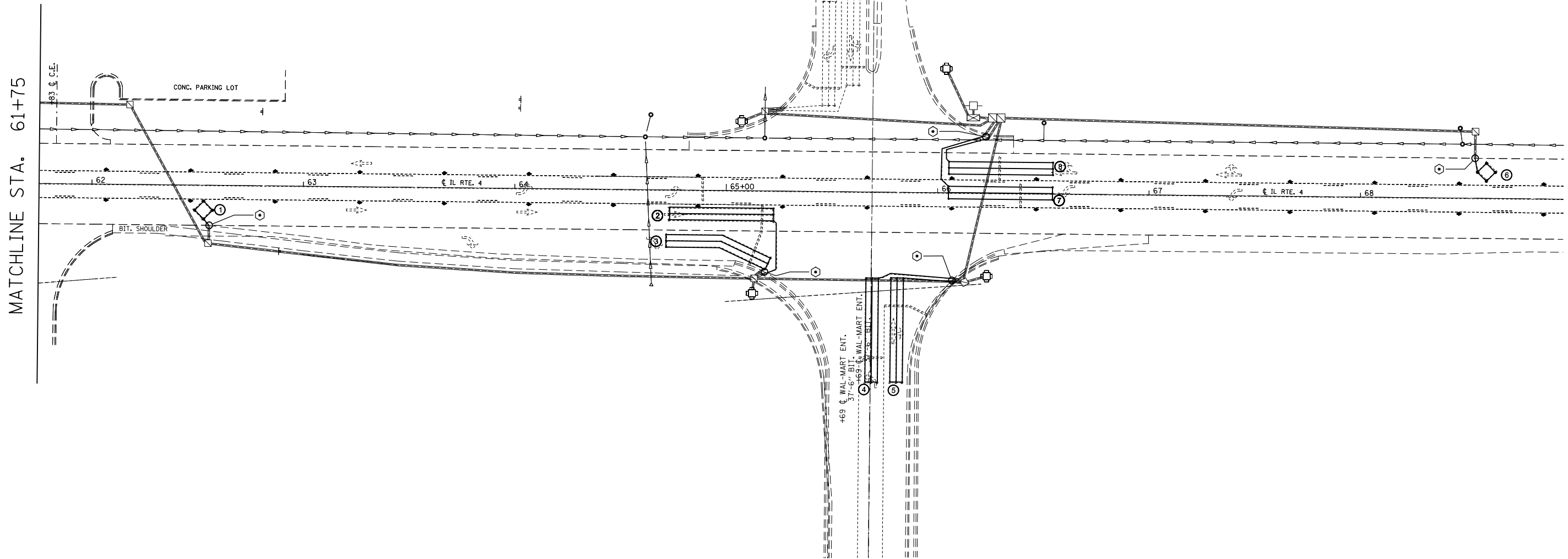
DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 004 & WAL-MART ENTRANCE

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. NB CCO	2	6 X 6	6	360.7	2.8
2. NB THRU CD	5	6 X 50-Q	3-6-3	838.8	2.8
3. NB RT CD	2	6 X 50-Q	3-6-3	833.1	2.7
4. WB LT CD	4	6 X 50-Q	3-6-3	818.1	2.3
5. WB THRU CD	4	6 X 50-Q	3-6-3	815.3	2.3
6. SB CCO	6	6 X 6	6	311.2	1.6
7. SB LT CD	1	6 X 50-Q	3-6-3	798.8	1.9
8. SB THRU CD	6	6 X 50-Q	3-6-3	796.1	1.6
9. EB LT CD	3	6 X 50-Q	3-6-3	823.0	2.4
10. EB THRU CD	3	6 X 50-Q	3-6-3	818.3	2.3

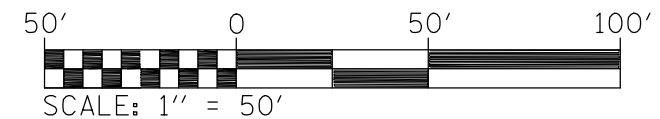
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

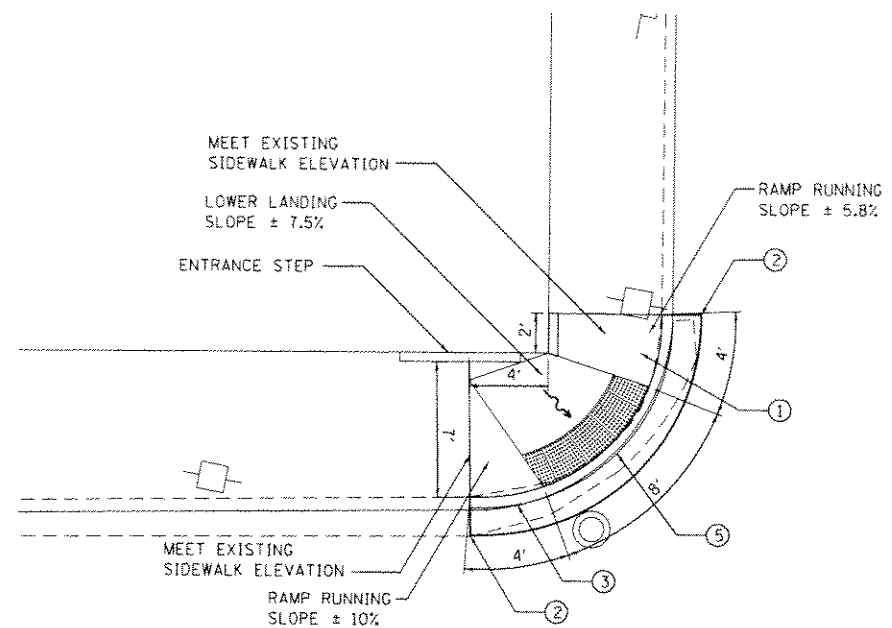
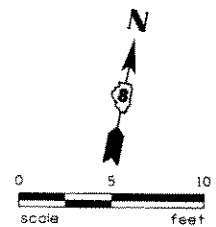
⊙ =SEE DETAIL A



IL 004 & WAL-MART ENTRANCE

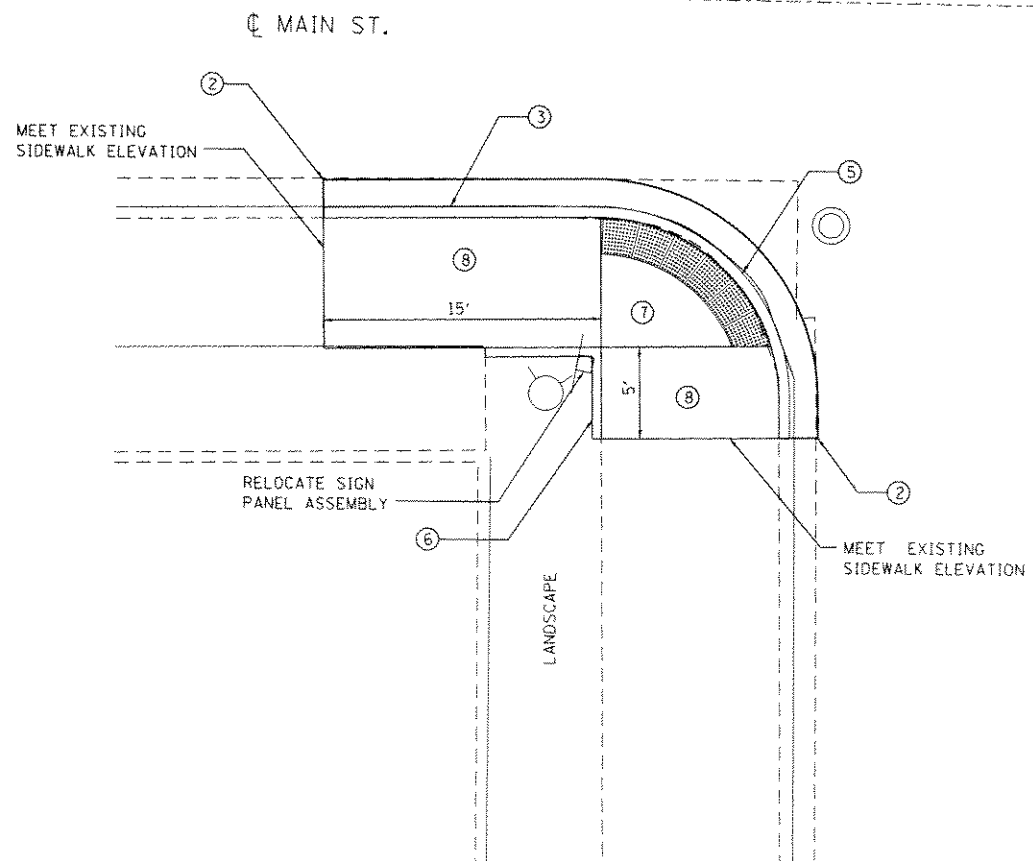


FILE NAME =	USER NAME = burnsideem	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN 2 OF 2			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\burnsideem\d0378703\876g97-sht-tsp1an.dgn		DRAWN -	REVISED -		682	21-IRS-4	RANDOLPH	24	16			
PLOT SCALE = 50.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76G97							
PLOT DATE = 7/11/2014		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. _ OF _ SHEETS	STA.	TO STA.					



SIDEWALK RAMP AT THE NORTHWEST CORNER OF MAIN ST. AND IL RTE 4

NOTE:
DESIGNED TO MAXIMUM EXTENT PRACTICABLE



SIDEWALK RAMP AT THE SOUTHWEST CORNER OF MAIN ST. AND IL RTE 4

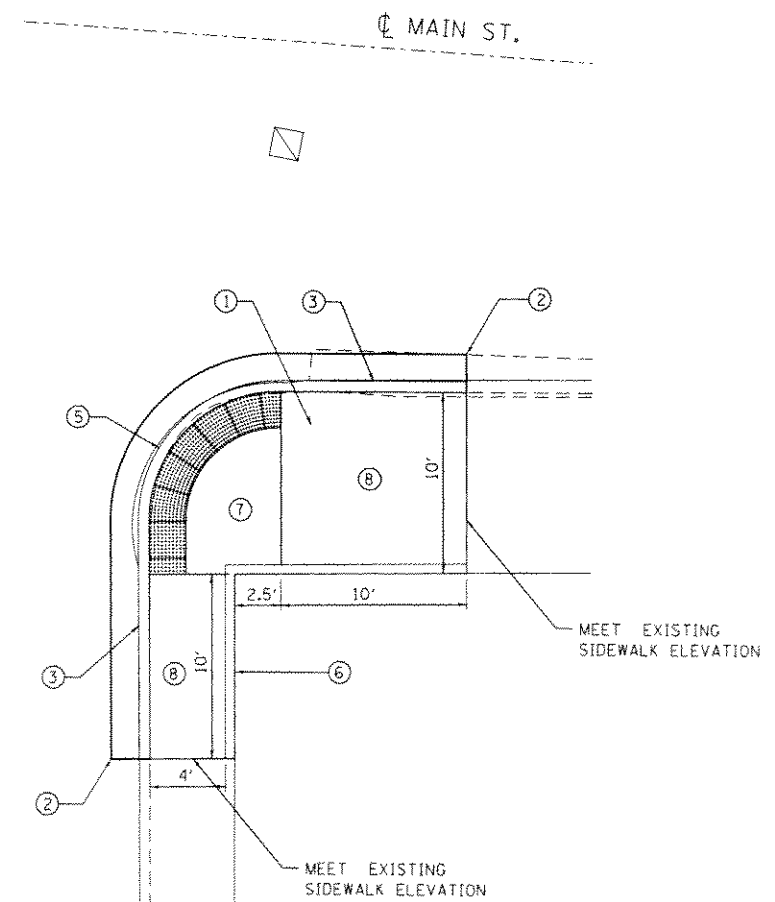
NOTE:
REFER TO STANDARD 424021-02 FOR DETAILS NOT SHOWN.

CL IL RTE 4

CL MAIN ST.

LEGEND

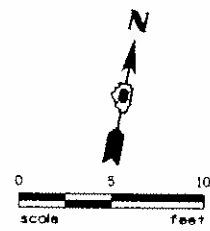
- DETECTABLE WARNING
- ① REMOVE EXISTING RAMP, SIDEWALK, AND CURB & GUTTER TO LIMITS SHOWN
- ② LIMITS OF CURB & GUTTER REMOVAL
- ③ CC CURB AND GUTTER TY B-6.18
- ④ CC CURB AND GUTTER TY B-6.24
- ⑤ DEPRESSED CURB & GUTTER
- ⑥ 6" SIDE CURB
- ⑦ 1:50 MAX SLOPE IN ALL DIRECTIONS
- ⑧ 1:12 MAX LONGITUDINAL SLOPE
1:50 MAX CROSS SLOPE



SIDEWALK RAMP AT THE SOUTHEAST CORNER OF MAIN ST. AND IL RTE 4

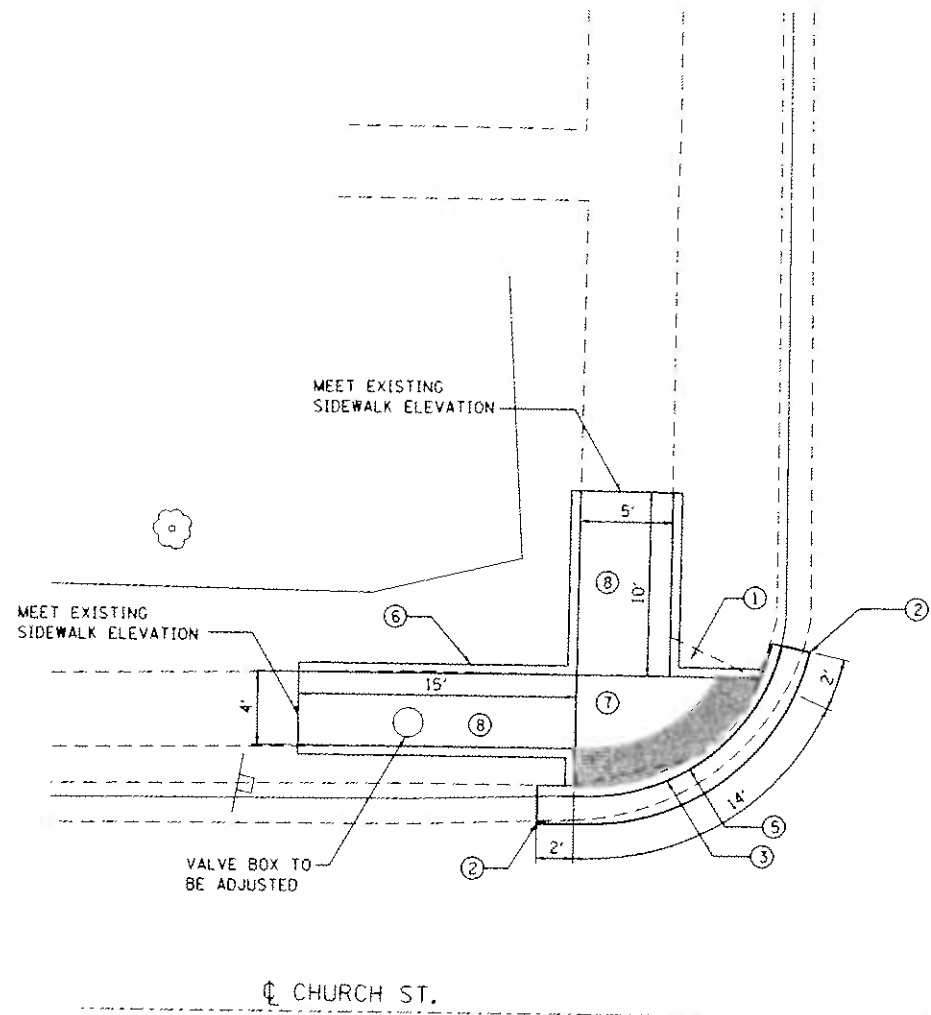
NOTE:
REFER TO STANDARD 424021-02 FOR DETAILS NOT SHOWN.

FILE NAME :	USER NAME :	DESIGNED :	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK RAMP DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
X:\CHN\15\2014\11004-21\CAD\plans\087659	shl-MASH.dgn	DRAWN :	REVISED :			682	21-IRS-4	RANDOLPH	24	17	
#MODELNAME#	PLOT SCALE = 1/8" = 1' / in.	CHECKED :	REVISED :			CONTRACT NO. 76697					
	PLOT DATE = 7/18/2014	DATE :	REVISED :			ILLINOIS FED. AID PROJECT					



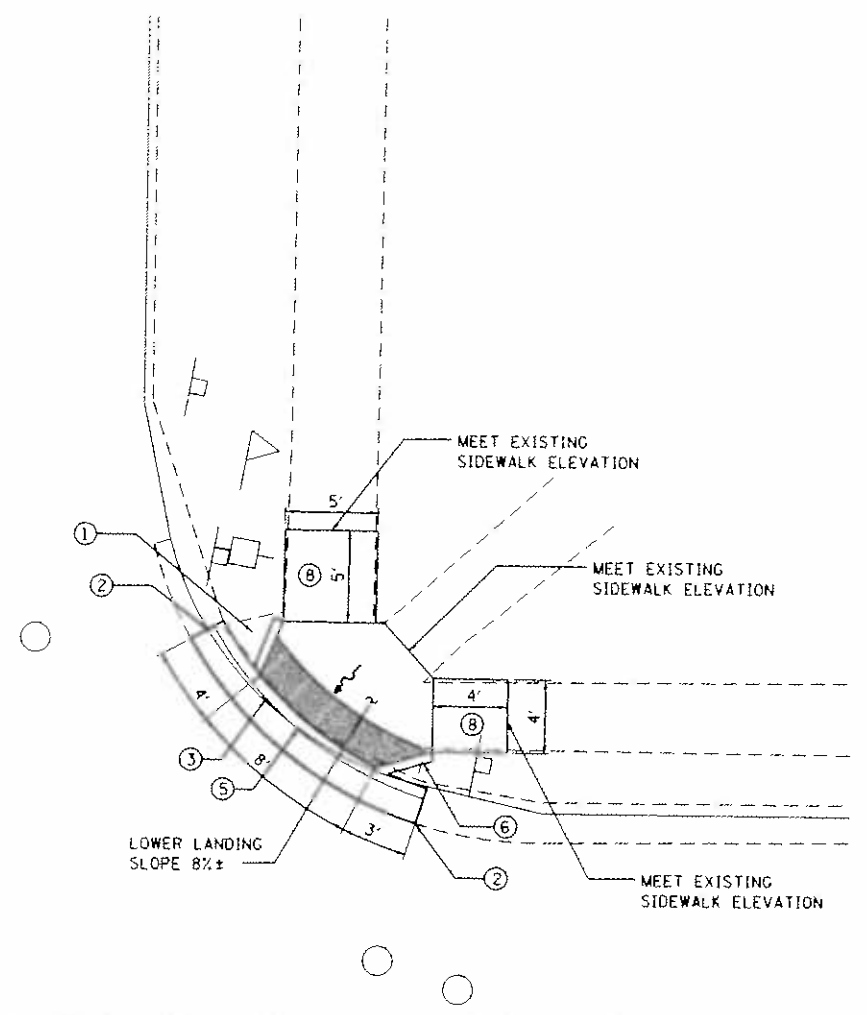
LEGEND

- DETECTABLE WARNING
- ① REMOVE EXISTING RAMP, SIDEWALK, AND CURB & GUTTER TO LIMITS SHOWN
- ② LIMITS OF CURB & GUTTER REMOVAL
- ③ CC CURB AND GUTTER TY B-6.18
- ④ CC CURB AND GUTTER TY B-6.24
- ⑤ DEPRESSED CURB & GUTTER
- ⑥ 6" SIDE CURB
- ⑦ 1:50 MAX SLOPE IN ALL DIRECTIONS
- ⑧ 1:12 MAX LONGITUDINAL SLOPE
1:50 MAX CROSS SLOPE



SIDEWALK RAMP AT THE NORTHWEST CORNER OF CHURCH ST. AND IL RTE 4

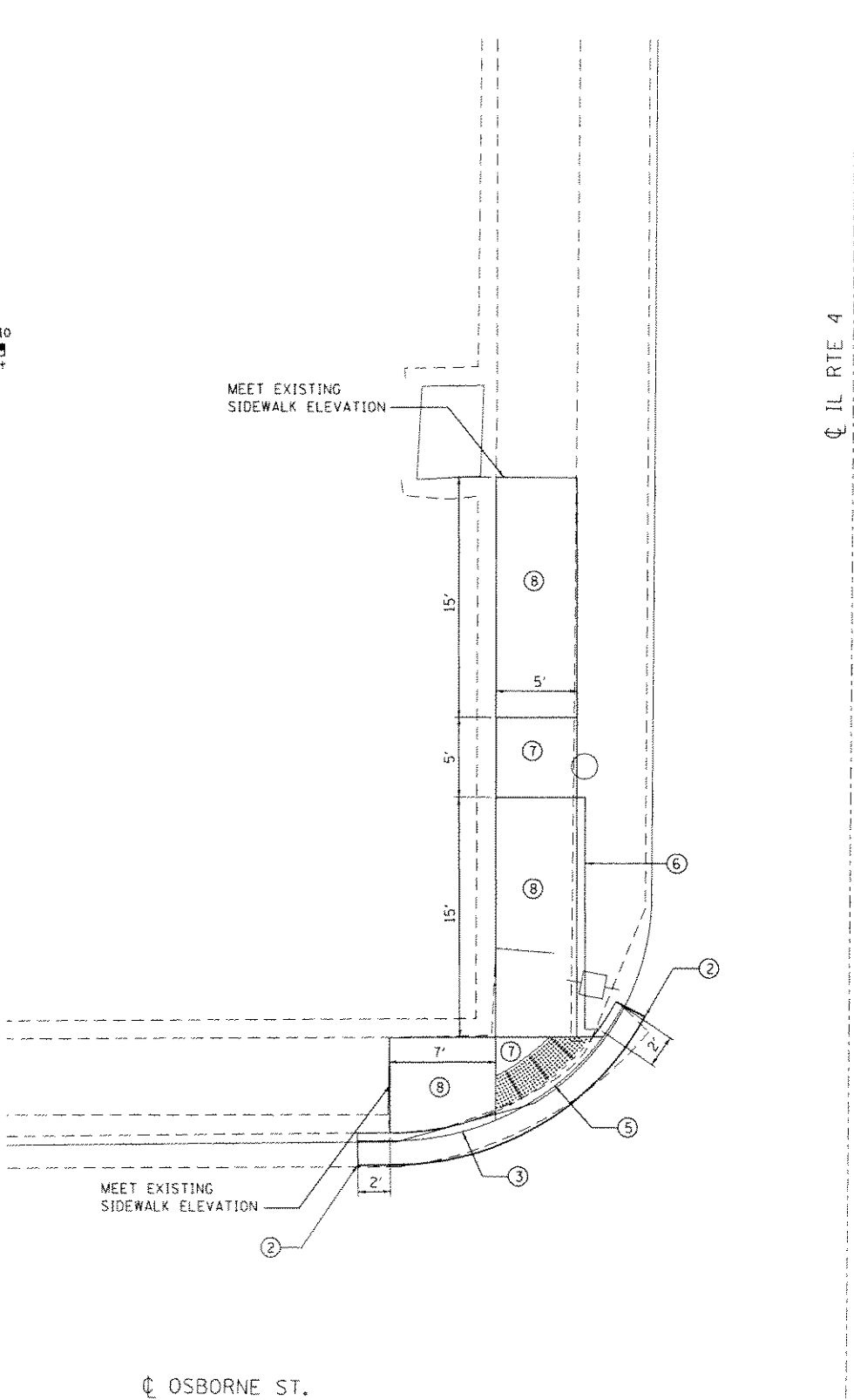
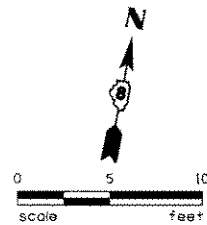
NOTE:
REFER TO STANDARD 424021-02 FOR DETAILS NOT SHOWN.



SIDEWALK RAMP AT THE NORTHEAST CORNER OF CHURCH ST. AND IL RTE 4

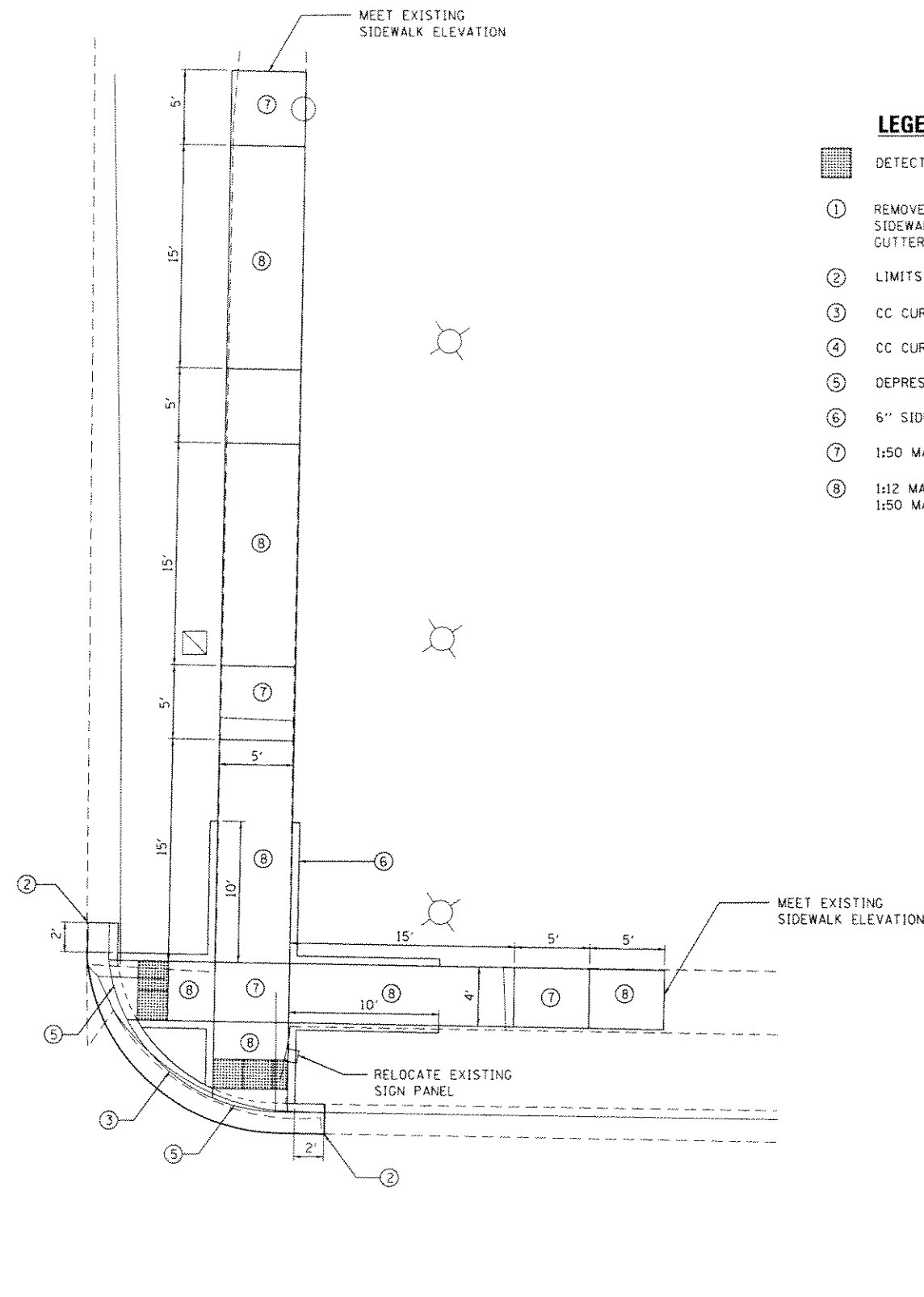
NOTE:
DESIGNED TO MAXIMUM EXTENT PRACTICAL.

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK RAMP DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PROJECT	DRAWN	REVISED	682			21-IRS-4	RANDOLPH	24	19	
PLOT SCALE	CHECKED	REVISED	SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 76697				
PLOT DATE	DATE	REVISED	ILLINOIS FED. AID PROJECT							



SIDEWALK RAMP AT THE NORTHWEST CORNER OF OSBORN ST. AND IL RTE 4


NOTE:
REFER TO STANDARD 424021-02 FOR DETAILS NOT SHOWN.



SIDEWALK RAMP AT THE NORTHEAST CORNER OF OSBORN ST. AND IL RTE 4

NOTE:
REFER TO STANDARD 424001-07 FOR DETAILS NOT SHOWN.

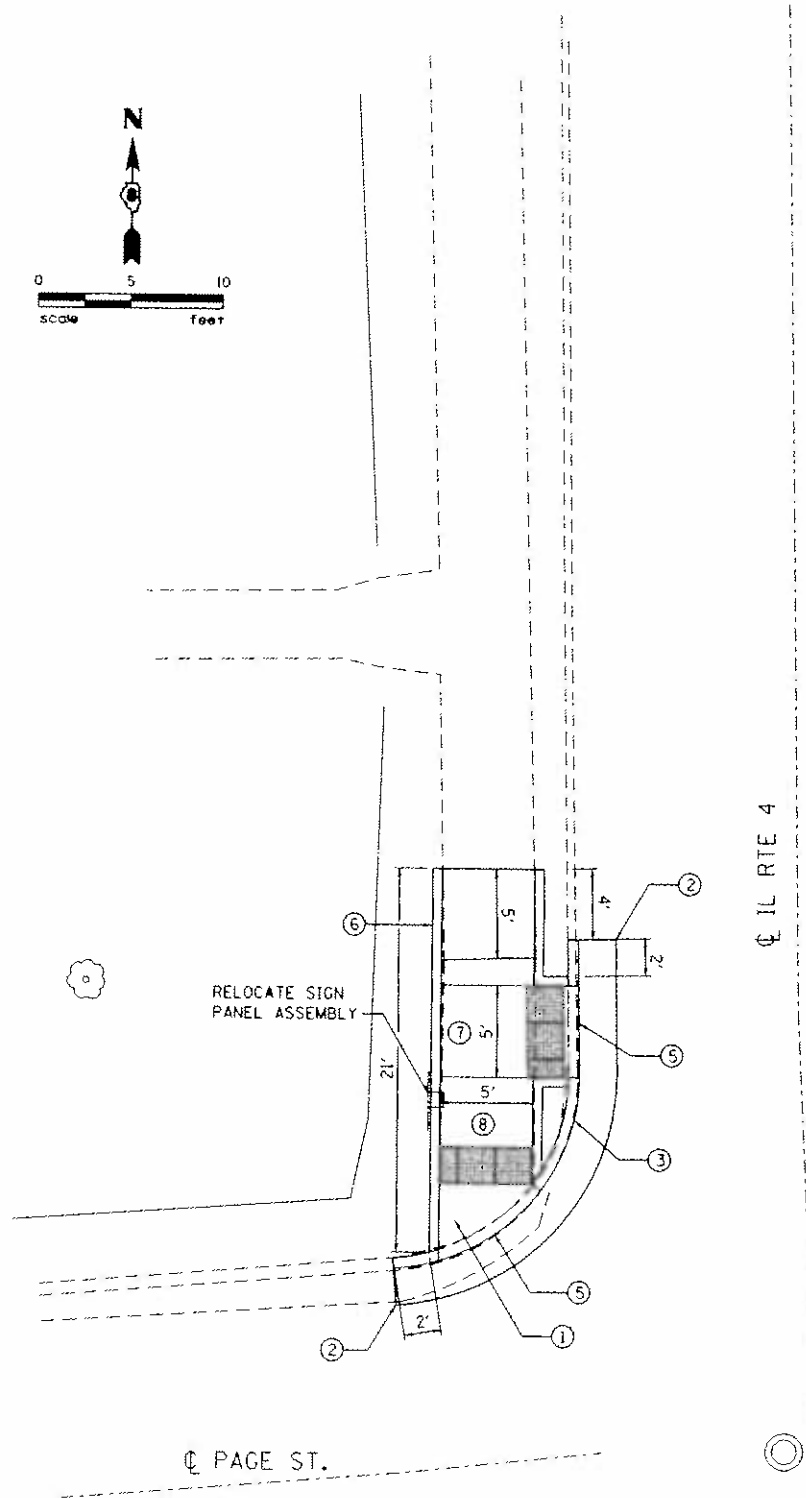
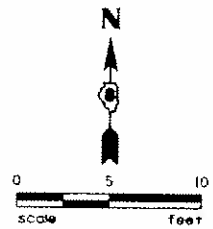
LEGEND

-  DETECTABLE WARNING
- ① REMOVE EXISTING RAMP, SIDEWALK, AND CURB & GUTTER TO LIMITS SHOWN
- ② LIMITS OF CURB & GUTTER REMOVAL
- ③ CC CURB AND GUTTER TY B-6.18
- ④ CC CURB AND GUTTER TY B-6.24
- ⑤ DEPRESSED CURB & GUTTER
- ⑥ 6" SIDE CURB
- ⑦ 1:50 MAX SLOPE IN ALL DIRECTIONS
- ⑧ 1:12 MAX LONGITUDINAL SLOPE
1:50 MAX CROSS SLOPE

FILE NAME : x:\CH\1E\2011\11004-21\CAD\plans\087609	USER NAME : jgk1	DESIGNED : JGG	REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK RAMP DETAILS	F.A.P. RTE. 682	SECTION 21-IRS-4	COUNTY RANDOLPH	TOTAL SHEETS 24	SHEET NO. 120	
DRAWN : JDK	CHECKED : MJB	DATE : 06/30/14	REVISED :			SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 76697
PLOT SCALE : 1/8" = 1'-0"	PLOT DATE : 7/18/2014					ILLINOIS FED. AID PROJECT					
MODEL NAME :											

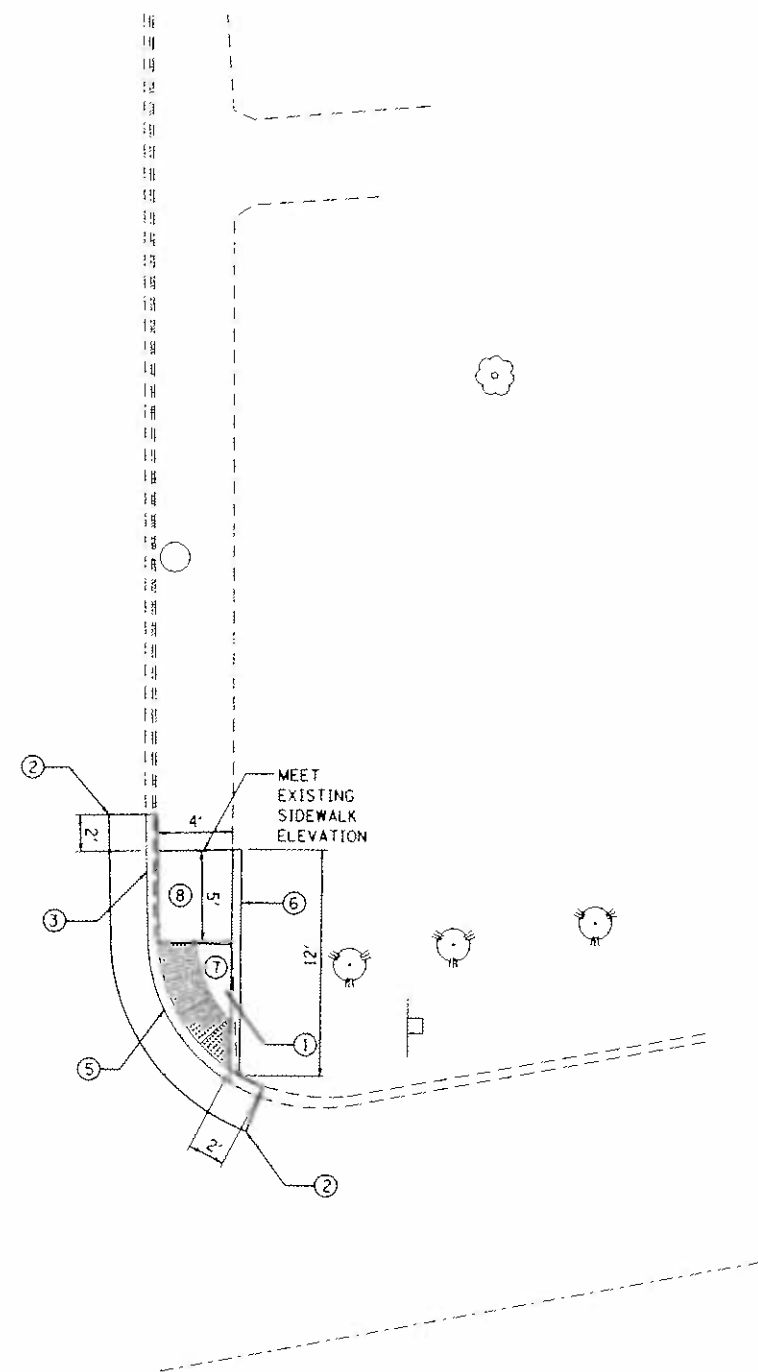
LEGEND

- DETECTABLE WARNING
- ① REMOVE EXISTING RAMP, SIDEWALK, AND CURB & GUTTER TO LIMITS SHOWN
- ② LIMITS OF CURB & GUTTER REMOVAL
- ③ CC CURB AND GUTTER TY B-6.18
- ④ CC CURB AND GUTTER TY B-6.24
- ⑤ DEPRESSED CURB & GUTTER
- ⑥ 6" SIDE CURB
- ⑦ 1:50 MAX SLOPE IN ALL DIRECTIONS
- ⑧ 1:12 MAX LONGITUDINAL SLOPE
1:50 MAX CROSS SLOPE



SIDEWALK RAMP AT THE NORTHWEST CORNER OF PAGE ST. AND IL RTE 4

NOTE:
REFER TO STANDARD 424001-07 FOR DETAILS NOT SHOWN.



SIDEWALK RAMP AT THE NORTHEAST CORNER OF PAGE ST. AND IL RTE 4

NOTE:
REFER TO STANDARD 424001-07 FOR DETAILS NOT SHOWN.

FILE NAME	USER NAME	DESIGNED	REVISED
PROJECT NUMBER	DATE	DRAWN	REVISED
MODEL NAME	DATE	CHECKED	REVISED
		DATE	REVISED

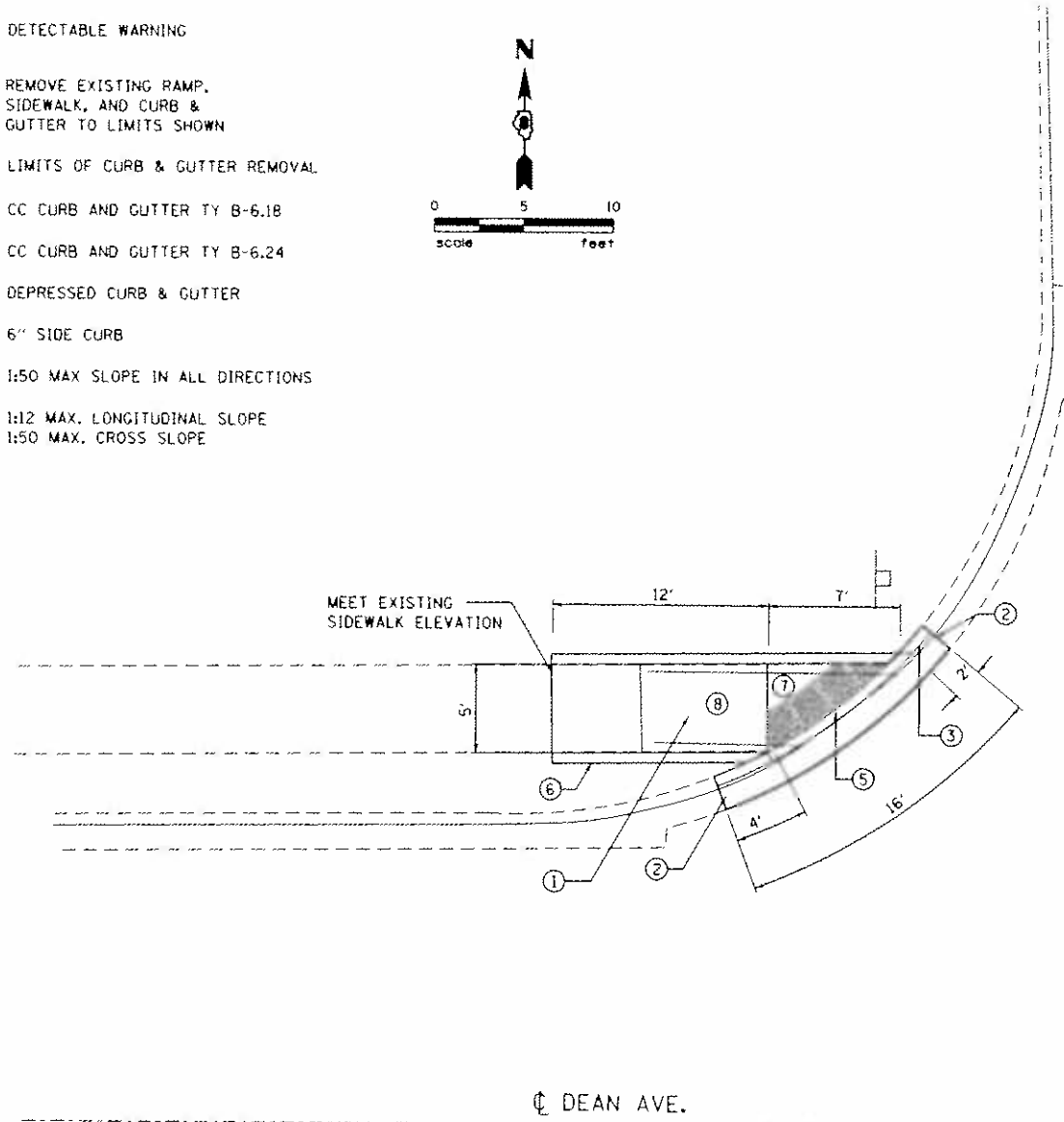
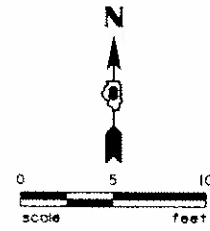
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS			
SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
682	21-IRS-4	RANDOLPH	24	21
CONTRACT NO. 76G97				
ILLINOIS FED. AID PROJECT				

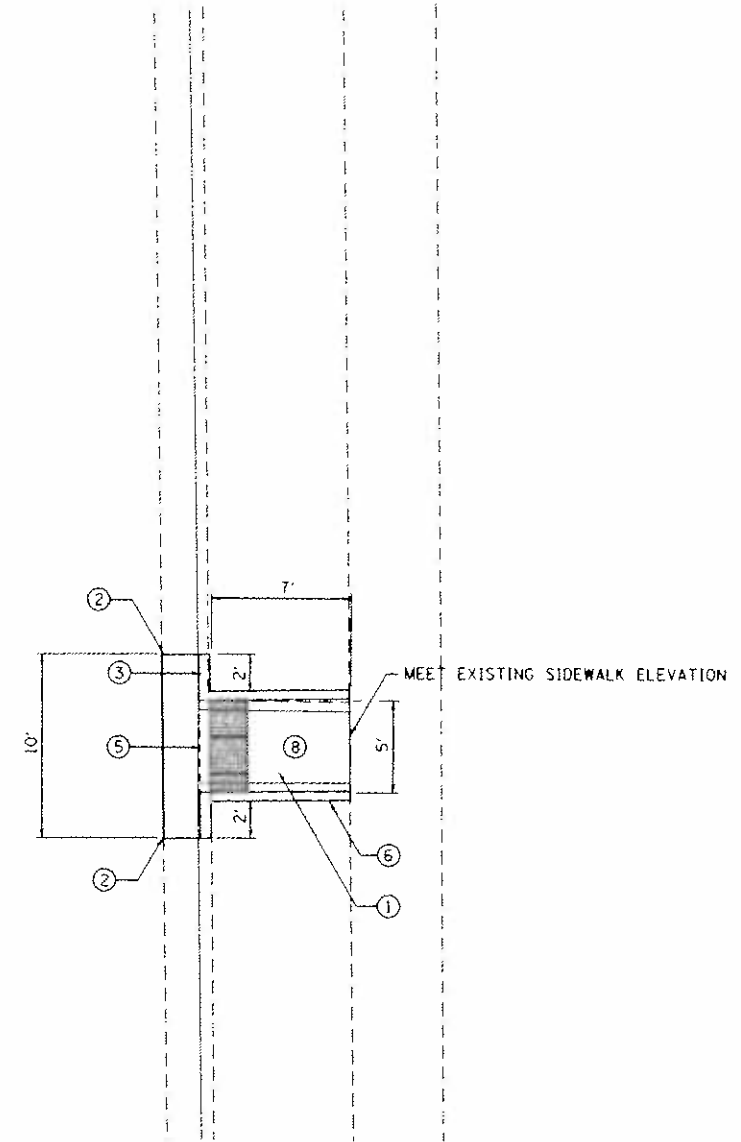
LEGEND

- DETECTABLE WARNING
- ① REMOVE EXISTING RAMP, SIDEWALK, AND CURB & GUTTER TO LIMITS SHOWN
- ② LIMITS OF CURB & GUTTER REMOVAL
- ③ CC CURB AND GUTTER TY B-6.1B
- ④ CC CURB AND GUTTER TY B-6.24
- ⑤ DEPRESSED CURB & GUTTER
- ⑥ 6" SIDE CURB
- ⑦ 1:50 MAX SLOPE IN ALL DIRECTIONS
- ⑧ 1:12 MAX. LONGITUDINAL SLOPE
1:50 MAX. CROSS SLOPE



SIDEWALK RAMP AT THE NORTHWEST CORNER OF DEAN AVE. AND IL RTE 4

NOTE:
REFER TO STANDARD 424001-07 FOR DETAILS NOT SHOWN.



SIDEWALK RAMP NORTH OF THE NORTHEAST CORNER OF DEAN AVE. AND IL RTE 4

NOTE:
REFER TO STANDARD 424016-01 FOR DETAILS NOT SHOWN.

FILE NAME	USER NAME	DESIGNED	REVISOR
PROJECT NUMBER	DATE	DRAWN	REVISOR
PROJECT TITLE	DATE	CHECKED	REVISOR
PROJECT NUMBER	DATE	DATE	REVISOR

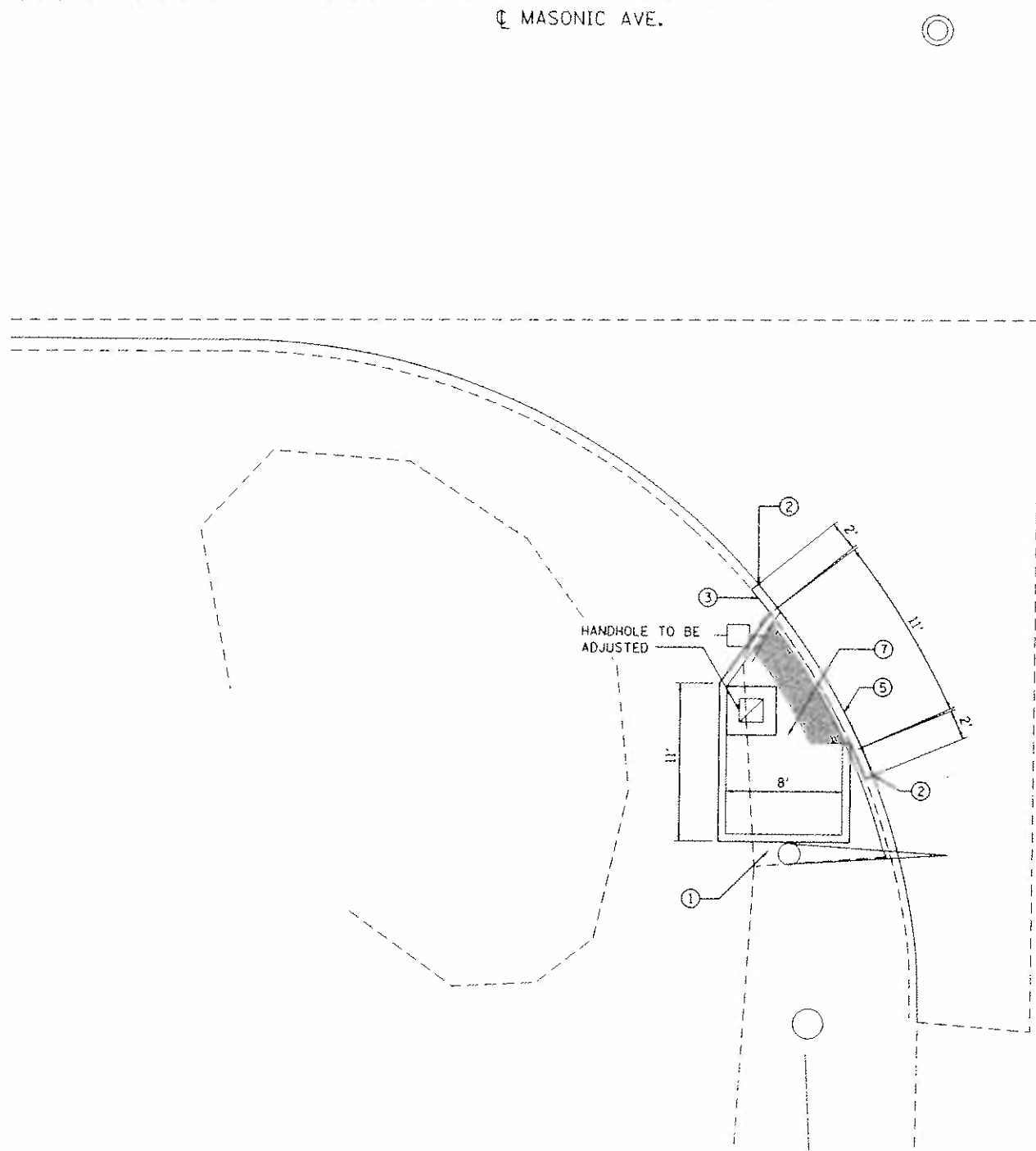
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
682	21-IRS-4	RANDOLPH	24
			NO. 23
			CONTRACT NO. 76G97

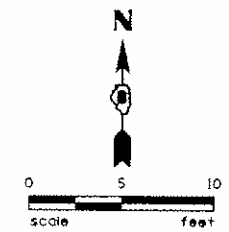
ILLINOIS FED. AID PROJECT



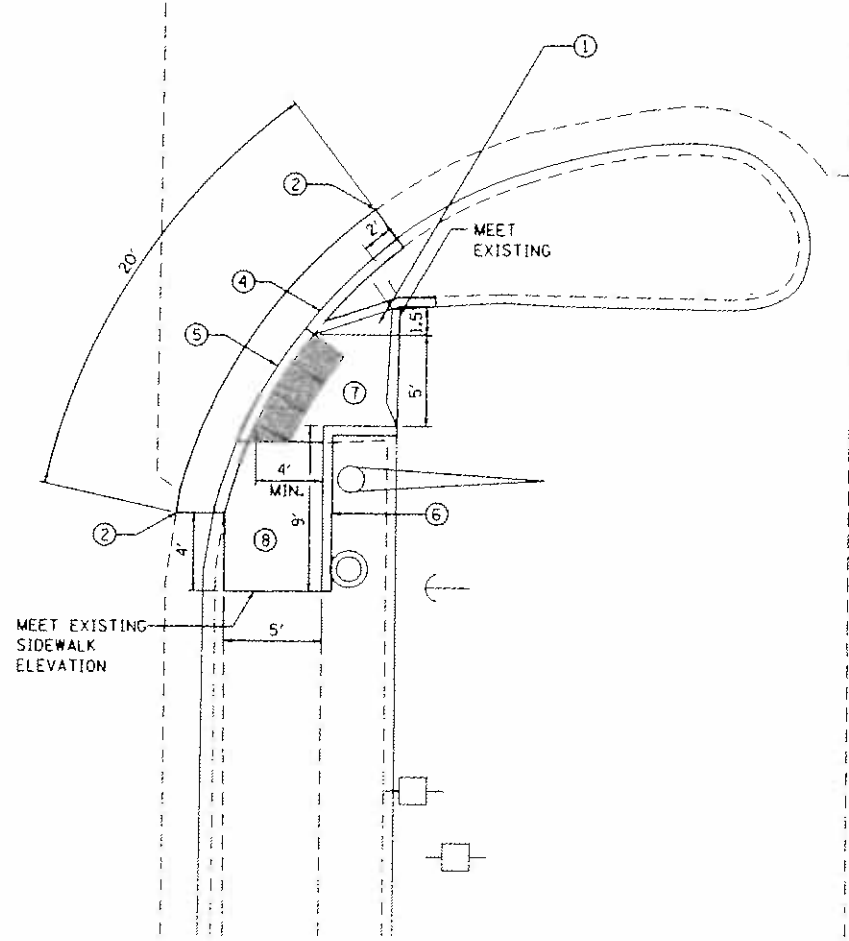
SIDEWALK RAMP AT THE SOUTHWEST CORNER OF MASONIC AVE. AND IL RTE 4

NOTE:
REFER TO STANDARD 424011-01 FOR DETAILS NOT SHOWN.

- LEGEND**
- DETECTABLE WARNING
 - ① REMOVE EXISTING RAMP, SIDEWALK, AND CURB & GUTTER TO LIMITS SHOWN
 - ② LIMITS OF CURB & GUTTER REMOVAL
 - ③ CC CURB AND GUTTER TY B-6.18
 - ④ CC CURB AND GUTTER TY B-6.24
 - ⑤ DEPRESSED CURB & GUTTER
 - ⑥ 6" SIDE CURB
 - ⑦ 1:50 MAX SLOPE IN ALL DIRECTIONS
 - ⑧ 1:12 MAX LONGITUDINAL SLOPE
1:50 MAX CROSS SLOPE



CL IL RTE 4



SIDEWALK RAMP AT THE SOUTHEAST CORNER OF MASONIC AVE. AND IL RTE 4

NOTE:
REFER TO STANDARD 424011-01 FOR DETAILS NOT SHOWN.

FILE NAME: X:\CH01\ENR\2014\11\2014-21\CAD\DATA\424011-01.DWG	USER NAME: jgk	DESIGNED: JGG	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK RAMP DETAILS	F.A.P. RTE. 682	SECTION 21-1RS-4	COUNTY RANDOLPH	TOTAL SHEETS 24	SHEET NO. 24	
MODEL NAME:	PLOT SCALE: 1/8" = 1'-0"	CHECKED: MJB	REVISED:			SCALE: 1" = 10'	SHEET 1	OF 14	SHEETS	STA. TO STA.	CONTRACT NO. 76697
	PLOT DATE: 7/18/2014	DATE: 06/30/14	REVISED:			ILLINOIS FED. AID PROJECT					