

04-26-2019 LETTING ITEM 066

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	NO.
832	(113, 113Z)RS-4	Clark	40	1
ILLINOIS			CONTRACT NO. 74419	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATION EQUATION:  
STA 192+22.52 BK = STA 25+62.18 AH

PAVING OMISSIONS:  
STA 125+72 TO STA 126+05  
STA 49+36 TO STA 51+70

ADT (2017) = 6,650

# PROPOSED HIGHWAY PLANS

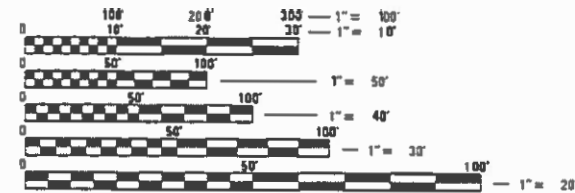
FAP ROUTE 832 (IL 49)  
SECTION (113, 113Z) RS-4  
PROJECT STP HMP8(251)  
RESURFACING & ADA IMPROVEMENTS  
CLARK COUNTY

C-97-134-09



PROJECT ENDS  
STA 69+56

PROJECT BEGINS  
STA 99+00



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

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

PROJECT ENGINEER: DEBRA BARRETT  
PROJECT MANAGER: BRIAN BIERMAN

CONTRACT NO. 74419

GROSS LENGTH = 13716 FT. = 2.598 MILE  
NET LENGTH = 13449 FT. = 2.547 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED OCTOBER 19 2018  
Jeffrey M. South  
REGIONAL ENGINEER

March 20 19  
Paul P. [Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

March 20 19  
Paul P. [Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESS TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT ITEMS.

AN ESTIMATED QUANTITY OF FRAMES AND LIDS TO BE ADJUSTED HAS BEEN INCLUDED TO ADJUST ANY DRAINAGE AND UTILITY STRUCTURE LIDS THAT ARE AFFECTED DURING CONSTRUCTION OPERATIONS. THE ACTUAL LOCATIONS AND FINAL QUANTITIES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, LEVELING BINDER AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACE AND LEVELING BINDER.

THE CONTRACTOR SHALL PROCURE RAILROAD FLAGGERS AS DIRECTED BY THE ENGINEER WHENEVER CONSTRUCTION ACTIVITY TAKES PLACE WITHIN 25' OF THE NEAREST RAIL OF THE RAILROAD CROSSING WITHIN THE PROJECT LIMITS. THE CONTRACTOR WILL BE REIMBURSED FOR THE COST OF RAILROAD FLAGGERS IN ACCORDANCE WITH ARTICLE 109.05.

THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 4" CONSISTS OF 21,588 FEET OF YELLOW AND 16,370 FEET OF WHITE.  
 THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 6" CONSISTS OF 1,408 FEET OF WHITE.  
 THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 8" CONSISTS OF 318 FEET OF WHITE.  
 THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 12" CONSISTS OF 507 FEET OF YELLOW AND 135 FEET OF WHITE.  
 THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LINE 24" CONSISTS OF 228 FEET OF WHITE.  
 THE TOTAL QUANTITY OF THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS CONSISTS OF 825 SQUARE FEET OF WHITE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	TESTING PARAMETER
<b>MAINLINE:</b>					
POLY HMA SURFACE COURSE, MIX "D", N90 (1 1/2")	SBS 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	OCP
HMA LEVEL BINDER, MACHINE METHOD, FINE GRADED, N90 (3/4")	PG 64-22	4.0% @ N=90	IL - 9.5FG	N/A	QC/QA
HMA PATCHING, CLASS "D"	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	QC/QA
<b>SHOULDERS:</b>					
HMA SURFACE COURSE, MIX "C", N70 (1 1/2")	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	QC/QA
HMA LEVEL BINDER, MACHINE METHOD, FINE GRADED, N70 (3/4")	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	QC/QA

INDEX OF SHEETS

SHEET NO	TITLE
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, LIST OF STANDARDS
3-7	SUMMARY OF QUANTITIES
8-10	TYPICAL SECTIONS
11-12	SCHEDULES
13-17	PLAN SHEETS
18-19	VFW PLAN SHEETS
20-35	ADA RAMP DETAILS
36-39	TYPICAL APPLICATIONS OF PAVEMENT MARKING
40	PERMANENT SURVEY MARKER VAULT DETAIL

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
667101-02	PERMANENT SURVEY MARKERS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS-DAY ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-05	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS & LISTS OF STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	2
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	PARKING		RADIUS	PARKING		VFW
SUMMARY OF QUANTITIES				80%/20%	50%/50%	RETURNS	LANES	ENTRANCES	
CODE NO	ITEM	UNIT		FED/STATE	STATE/CITY	100% CITY	PATCHING 100% CITY	100% CITY	
				0005	0005	0005	0005	0005	
25200100	SODDING	SO YD	88					88	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	49172	45625	1956	1591			
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	529	529					
40600647	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	TON	2526	2306	122	98			
40600990	TEMPORARY RAMP	SO YD	268	268					
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1057	1057					
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	5052	4612	243	197			
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SO FT	2676	2143				533	
42400800	DETECTABLE WARNINGS	SO FT	160	160					
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	72732	67489	2898	2345			
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	124					124	
44000300	CURB REMOVAL	FOOT	37					37	
44000400	GUTTER REMOVAL	FOOT	84					84	

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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74419										
PLOT DATE = 10/19/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	PARKING	RADIUS	PARKING	VFW	
SUMMARY OF QUANTITIES				LANES	RETURNS	LANES	ENTRANCES	
CODE NO	ITEM	UNIT		80%/20% FED/STATE	50%/50% STATE/CITY	100% CITY	PATCHING 100% CITY	100% CITY
				0005	0005	0005	0005	0005
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	250	236			14	
44000600	SIDEWALK REMOVAL	SQ FT	2017	2017				
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	58			58		
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	878	878				
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	314	314				
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	487	487				
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	10	10				
60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	98				98	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	236	236				
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	21	21				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	20	20				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2				
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				

\* SPECIALTY ITEM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	4
CONTRACT NO. 74419			ILLINOIS FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	PARKING	RADIUS	PARKING	VFW	
SUMMARY OF QUANTITIES				80%/20%	50%/50%	100%	100%	100%
				FED/STATE	STATE/CITY	CITY	PATCHING	ENTRANCES
CODE NO	ITEM	UNIT		0005	0005	0005	0005	0005
* 66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	2	2				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1				
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4	4				
67100100	MOBILIZATION	LSUM	1	1				
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	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	10143	10143				

\* SPECIALTY ITEM

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PLOT DATE = 10/19/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	5
CONTRACT NO. 74419			ILLINOIS FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	PARKING		RADIUS	PARKING		VFW
SUMMARY OF QUANTITIES				80%/20%	50%/50%	RETURNS	LANES	ENTRANCES	
CODE NO	ITEM	UNIT		FED/STATE	STATE/CITY	100% CITY	PATCHING 100% CITY	100% CITY	
				0005	0005	0005	0005	0005	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1690	1690					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	825	825					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	37958	37870	88				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1408	1408					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	318	318					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	507	507					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	228	228					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1133	1133					
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	1069	1069					
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	180				180		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28					
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	825	825					
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	37958	37870	88				

\* SPECIALTY ITEM

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PLOT DATE = 10/19/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113,113Z)RS-4	Clark	40	6
CONTRACT NO. 74419			ILLINOIS FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION			TOTAL QUANTITIES	PARKING		RADIUS	PARKING		VFW
SUMMARY OF QUANTITIES				80%/20%	50%/50%	RETURNS	LANES	ENTRANCES	
				FED/STATE	STATE/CITY	100%	PATCHING	100%	
						CITY	100%	CITY	
CODE NO	ITEM	UNIT		0005	0005	0005	0005	0005	
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1408	1408					
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	318	318					
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	507	507					
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	228	228					
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	22553	22553					
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1					
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	30	30					
Z0070202	SURVEY MARKER VAULT	EACH	9	9					
Ø Z0076600	TRAINEES	HOUR	500	500					
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500					

\* SPECIALTY ITEM      Ø 0042

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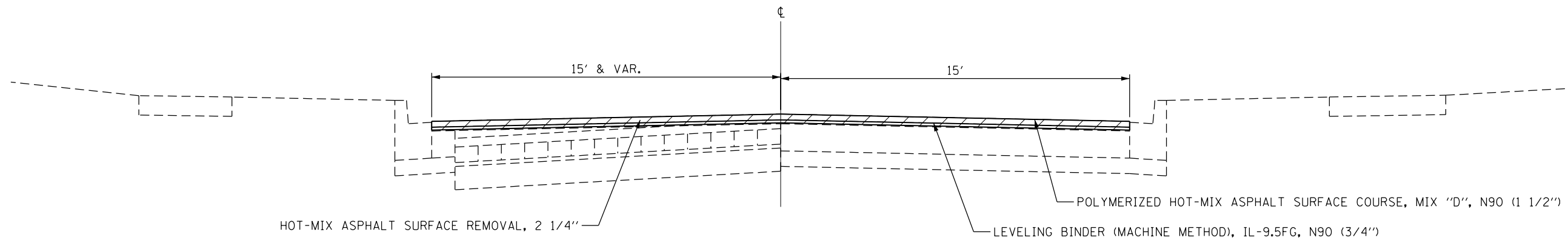
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

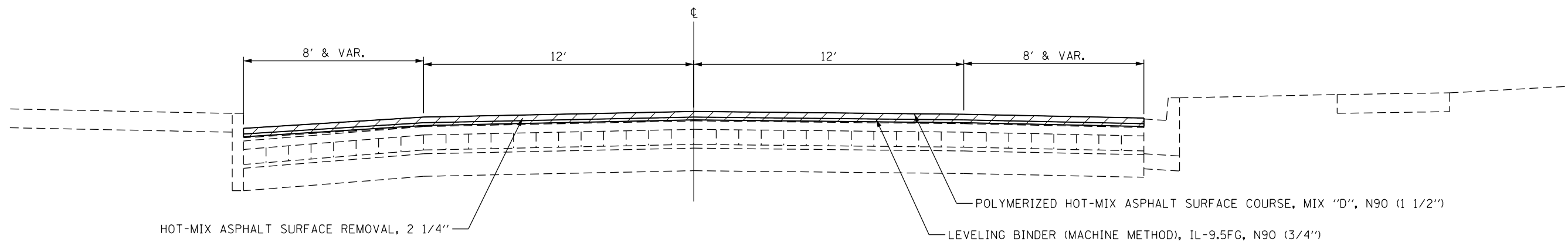
**SUMMARY OF QUANTITIES**

SCALE:      SHEET      OF      SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	7
			CONTRACT NO. 74419	
ILLINOIS FED. AID PROJECT				



**STA. 99+00 TO STA. 113+79**



**STA. 113+79 TO STA. 133+96**

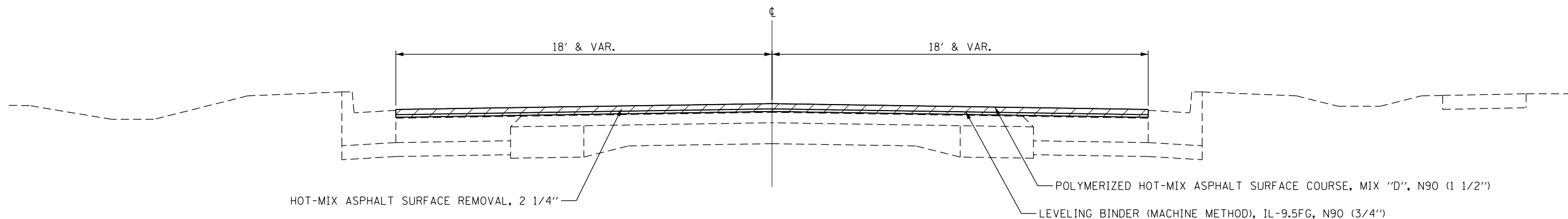
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

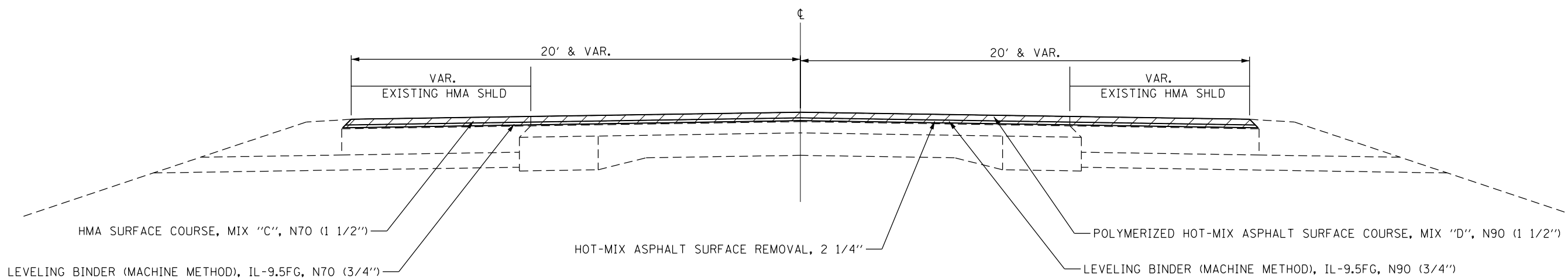
<b>TYPICAL SECTIONS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113, 113Z)RS-4	CLARK	40	8
CONTRACT NO. 74419			ILLINOIS FED. AID PROJECT	



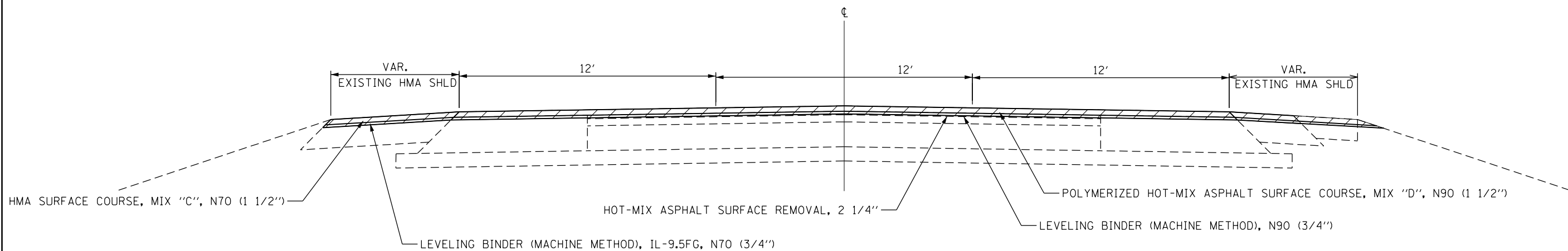


**STA. 133+96 TO STA. 169+31**

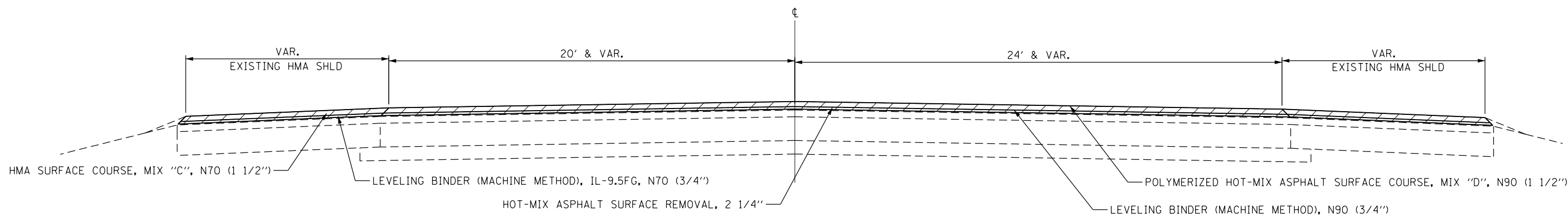


**STA. 169+31 TO STA. 189+64**

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								ILLINOIS FED. AID PROJECT				



**STA. 189+64 TO STA 192+22.52**  
**STA. 25+62.18 TO STA. 37+32**



**STA. 37+31.69 TO STA. 69+56**

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	PLOT DATE = 10/19/2018	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113, 113Z)RS-4	CLARK	40	10
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				

PAVING SCHEDULE													
			LENGTH	WIDTH	HMA SURFACE REMOVAL, 2 1/4"	BITUMINOUS MATERIAL TACK COAT	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	POLYMERIZED HMA SURFACE COURSE, MIX "D", N90	HMA SURFACE COURSE, MIX "C", N70	TEMPORARY RAMPS	TEMPORARY RAMP, SPECIAL	LONGITUDINAL JOINT SEALANT
STATION	TO	STATION	(FT)	(FT)	SQ YD	POUND	TON	TON	TON	TON	SQ YD	SQ YD	FOOT
69+56	TO	65+56	400	24-30	1200	810	50		101		33		400
65+56	TO	63+46	210	30-40	817	551	34		69				420
63+46	TO	60+10	336	40-48	1643	1109	69		138		7		672
60+10	TO	57+51	259	48-66	1640	1107	69		138				518
57+51	TO	56+78	73	66-60	511	345	21		43			133	146
56+78	TO	54+37	241	60-60	1607	1085	67		135				482
54+37	TO	52+69	168	60-48	1008	680	42		85				336
52+69	TO	51+70	99	48-48	528	356	22		44		33		198
51+70	TO	49+36	234	BRIDGE OMISSION									
49+36	TO	48+27	109	48-48	581	392	24		49		33		218
48+27	TO	47+26	101	48-60	606	409	25		51				202
47+26	TO	44+48	278	60-66	1946	1314	82		163				556
44+48	TO	43+74	74	66-48	469	316	20		39				148
43+74	TO	40+84	290	48-48	1547	1044	65		130			116	580
40+84	TO	39+56	128	48-46	668	451	28		56				256
39+56	TO	38+90	66	46-52	359	243	15		30				132
38+90	TO	36+74	216	52-37	1068	721	45		90				432
36+74	TO	35+27	147	37-37	604	408	25		51				294
35+27	TO	31+57	370	37-37	1521	1027	64		128			41	740
31+57	TO	25+62	595	37-37	2446	1651	103		205			136	1190
25+62	TO	192+22	STA EQUATION										
192+22	TO	189+85	237	37-37	974	658	41		82			27	474
189+85	TO	187+13	272	37-25	937	632	39		79			14	544
187+13	TO	176+88	1025	25-25	2847	1922	120		239			40	1025
176+88	TO	169+15	773	25-40	2791	1884	117		234			78	773
169+15	TO	163+21	594	40-37	2541	1715	107		213			48	1188
163+21	TO	132+34	3087	37-39	13034	8798	547		1095			354	6174
132+34	TO	130+80	154	39-39	667	450	28		56			7	308
130+80	TO	129+60	120	39-24	420	284	18		35			67	120
129+60	TO	126+05	355	24-24	947	639	40		80		33	33	355
126+05	TO	125+72	33	RAILROAD OMISSION									
125+72	TO	113+94	1178	24-24	3141	2120	132		264		33	170	1178
113+94	TO	113+20	74	24-32	230	155	10		19				74
113+20	TO	99+52	1368	32-27	4484	3027	188		377			123	1368
99+52	TO	99+00	52	27-25	150	101	6		13		35		52
IL 49 PAVEMENT AND PARKING LANE TOTALS:					53934	36405	2265	0	4530	0	201	1394	21553
114+85	TO	123+95	910.27	8	1618	1092	68		136				
123+95	TO	127+60	365.56	11	894	603	38		75				
127+60	TO	129+78	217.26	8	386	261	16		32				
IL 49 PARKING LANE ONLY TOTALS:					2898	1956	122	0	243	0	0	0	0
2524+68	TO	2529+68	500	24	1809	1221	76		152		33		500
2529+68	TO	2534+68	500	24	2059	1390	86		173		33		500
US 40 MAINLINE ONLY TOTALS:					3868	2611	162	0	325	0	67	0	1000

(CONT.)

PAVING SCHEDULE													
			LENGTH	WIDTH	HMA SURFACE REMOVAL, 2 1/4"	BITUMINOUS MATERIAL TACK COAT	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N90	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	POLYMERIZED HMA SURFACE COURSE, MIX "D", N90	HMA SURFACE COURSE, MIX "C", N70	TEMPORARY RAMPS	TEMPORARY RAMP, SPECIAL	LONGITUDINAL JOINT SEALANT
167+00	TO	190+05	2305	8	3902	2634		164		328			
190+05	TO	192+22	217	6	289	195		12		24			
25+62	TO	35+27	965	6	956	645		40		80			
35+27	TO	49+36	1409	10	3131	2114		132		263			
49+36	TO	51+70	234	BRIDGE OMISSION									
51+70	TO	69+56	1786	10	3969	2679		167		333			
IL 49 SHOULDER TOTALS:					12248	8267	0	514	0	1029	0	0	0
2527+00	TO	2529+48	248	8	337	298		14		28			
US 40 SHOULDER TOTALS:					337	298	0	14	0	28	0	0	0
LT	114+01	MONROE			152	102	6		13				
RT	114+01	MONROE			118	80	5		10				
RT	120+65	JEFFERSON			165	112	7		14				
RT	123+95	ADAMS			189	127	8		16				
RT	126+85	ALBANY			75	51	3		6				
LT	127+60	ALBANY			68	46	3		6				
LT	130+45	MAIN			157	106	7		13				
RT	130+45	MAIN			160	108	7		13				
LT	133+87	ALABAMA			57	38	2		5				
RT	133+96	ALABAMA			282	191	12		24				
LT	142+44	DELAWARE			350	236	15		29				
LT	168+47	KEACH			235	158	10		20				
LT	28+94	WARRIOR WAY			338	237	14		28				
IL 49 SIDEROAD RADIUS RETURNS:					2345	1591	98	0	197	0	0	0	0
PROJECT TOTALS:					72731	49172	2526	529	5052	1057	268	1394	22553

PATCHING SCHEDULE					
		CLASS D PATCHES, TYPE I, 13 INCH	CLASS D PATCHES, TYPE II, 13 INCH	CLASS D PATCHES, TYPE III, 13 INCH	CLASS D PATCHES, TYPE IV, 13 INCH
ROUTE	LANE	SQ YD	SQ YD	SQ YD	SQ YD
IL 49	NB	0	393	165	55
IL 49	SB	0	313	117	219
US 40	EB	0	72	16	213
US 40	WB	0	100	16	0
TOTALS:		0	878	314	487
IL 49	PARKING	58	0	0	0
TOTALS:		58	878	314	487

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PLOT DATE = 10/19/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULES</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 832	SECTION (113.113Z)RS-4	COUNTY Clark	TOTAL SHEETS 40	SHEET NO. 11
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE				THERMOPLASTIC PAVEMENT MARKING - LINE 4"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	RAISED REFLECTIVE PAVEMENT MARKER	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL
STATION	TO	STATION	LENGTH	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	EACH	FOOT	SO FT
69+56	TO	25+62	4394.00	18533		128		531	203	567	3449	575
25+62	TO	192+22		STATION EQUATION								
192+22	TO	99+00	9322.00	17175	37	244		587	499	566	5636	939
US 40 & IL 49 INTERSECTION				2250	119	135	318	290			1058	176
RAILROAD CROSSING					72				123			
TOTALS:				37958	228	507	318	1408	825	1133	10143	1690

SURVEY MARKER SCHEDULE			PROTECTING OR RESETTING SURVEY MARKERS	PERMANENT SURVEY MARKERS, TYPE I	SURVEY MARKER VAULT
LOCATION	OFFSET	DESCRIPTION	EACH	EACH	EACH
P.O.T. 96+11.03	0	IP W/ YELLOW IDOT CAP - BURIED 4"	1	1	
100+20.08	1.24' RT	SEC CORNER - ALUM DISK IN SURVEY VAULT	1		1
P.C. 100+81.75	0	ALUM DISK IN SURVEY VAULT	1		1
P.I. 101+11.45	0.2' LT	MAG NAIL	1	1	
P.T. 101+41.16	0	ALUM IDOT DISK IN SURVEY VAULT	1		1
P.C. 109+99.17	0	MAG NAIL	1	1	
P.I. 111+49.14	0.56' LT	ALUM IDOT DISK IN SURVEY VAULT	1		1
P.R.C. 112+99.11	0	MAG NAIL	1	1	
P.I. 114+49.08	0.64' RT	ALUM IDOT DISK IN SURVEY VAULT	1		1
P.T. 115+99.05	0	MAG NAIL	1	1	
P.C. 124+37.14	0	MAG NAIL	1	1	
P.I. 125+12.14	0.45' RT	ALUM IDOT DISK IN SURVEY VAULT	1		1
P.T. 125+87.14	0	MAG NAIL	1	1	
127+21.19	0.12' LT	SEC CORNER - ALUM DISK IN SURVEY VAULT	1		1
P.O.T. 135+00.00	0	MAG NAIL	1	1	
P.C. 145+83.87	0	MAG NAIL	1	1	
P.I. 146+83.87	13.3' LT	ALUM IDOT DISK IN SURVEY VAULT	1		1
P.T. 147+79.18	0	MAG NAIL	1	1	
P.C. 156+24.11	0	MAG NAIL	1	1	
P.T. 158+97.30	0	MAG NAIL	1	1	
P.C. 160+56.24	0	MAG NAIL	1	1	
P.T. 163+77.44	0	ALUM IDOT DISK IN SURVEY VAULT	1		1
166+50.09 (IL 49) = 2529+68.49 (US 40)	0	INTERSECTION OF CENTERLINES	1	1	
P.C. 167+98.27	0	MAG NAIL	1	1	
P.I. 168+65.31	6.14' LT	MAG NAIL	1	1	
P.T. 169+30.86	0	MAG NAIL	1	1	
P.O.T. 182+00.00	0	MAG NAIL	1	1	
192+22.52 BK = 25+62.18 AH	0	STATION EQUATION - MAG NAIL	1	1	
P.O.C. 30+00.00	0	MAG NAIL	1	1	
P.T. 42+21.83	0	ALUM IDOT DISK IN CONC. MEDIAN	1	1	
TOTALS:			30	21	9

ADA SCHEDULE	PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH (SQ FT)	DETECTABLE WARNINGS (SQ FT)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	SIDEWALK REMOVAL (SQ FT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)
US 40 ISLAND		12		12	
		12		12	
US 40 SE	160	10	14	163	14
EDGAR ST EAST	224	10	18	123	18
EDGAR ST WEST	121	10	9	191	9
MAIN ST NW	209	10	17	208	17
MAIN ST NE	336	10	61	336	61
MAIN ST SE	172	10	12	173	12
MAIN ST SW	152	10	26	151	26
MONROE ST NW	97	16	25	83	25
MONROE ST NE	220	10	11	188	11
MONROE ST SE	246	20	22	192	22
MONROE ST SW	206	21	20	184	20
TOTALS:	2143	160	236	2017	236

VFW SCHEDULE		PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	DRIVEWAY PAVEMENT REMOVAL	CURB REMOVAL	GUTTER REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE MEDIAN SURFACE REMOVAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	SODDING
FROM	TO	SO FT	SO YD	FOOT	FOOT	FOOT	SO FT	FOOT	SO YD
119+28.70	120+26.50	533	124					98	88
119+30.89	119+33.34			7					
119+66.52	119+69.72			10					
119+71.96	119+75.23			10					
120+14.32	120+26.50			10					
119+28.70	119+32.51					4			
119+32.51	119+67.32				35				
119+67.32	119+74.31					7			
119+74.31	120+23.30				49				
120+23.30	120+26.50					3			
119+67.32	119+74.31						49		
120+14.88	120+26.50						131		
TOTALS		533	124	37	84	14	180	98	88

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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**SCHEDULES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113,113Z)RS-4	Clark	40	12
CONTRACT NO. 74419				
ILLINOIS		FED. AID PROJECT		

EXIST. CURVE C1  
 PI STA. = 101+11.45  
 $\Delta = 1^{\circ} 33' 40''$  (RT)  
 $D = 2^{\circ} 37' 40''$   
 $R = 2,180.50'$   
 $T = 29.71'$   
 $L = 59.41'$   
 $E = 0.20'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 100+81.75  
 P.T. STA. = 101+41.16

EXIST. CURVE C2  
 PI STA. = 111+49.14  
 $\Delta = 0^{\circ} 51' 36''$  (RT)  
 $D = 0^{\circ} 17' 12''$   
 $R = 19,984.96'$   
 $T = 149.97'$   
 $L = 299.94'$   
 $E = 0.56'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 109+99.17  
 P.T. STA. = 112+99.11

EXIST. CURVE C3  
 PI STA. = 114+49.08  
 $\Delta = 0^{\circ} 58' 25''$  (LT)  
 $D = 0^{\circ} 19' 29''$   
 $R = 17,650.05'$   
 $T = 149.97'$   
 $L = 299.94'$   
 $E = 0.64'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 112+99.11  
 P.T. STA. = 115+99.05

EXIST. CURVE C4  
 PI STA. = 125+12.14  
 $\Delta = 1^{\circ} 22' 30''$  (LT)  
 $D = 0^{\circ} 55' 00''$   
 $R = 6,250.41'$   
 $T = 75.00'$   
 $L = 150.00'$   
 $E = 0.45'$   
 $e =$   
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 124+37.14  
 P.T. STA. = 125+87.14

PROJECT BEGINS:  
 STA 99+00

SEE ADA RAMP  
 DETAIL SHEETS

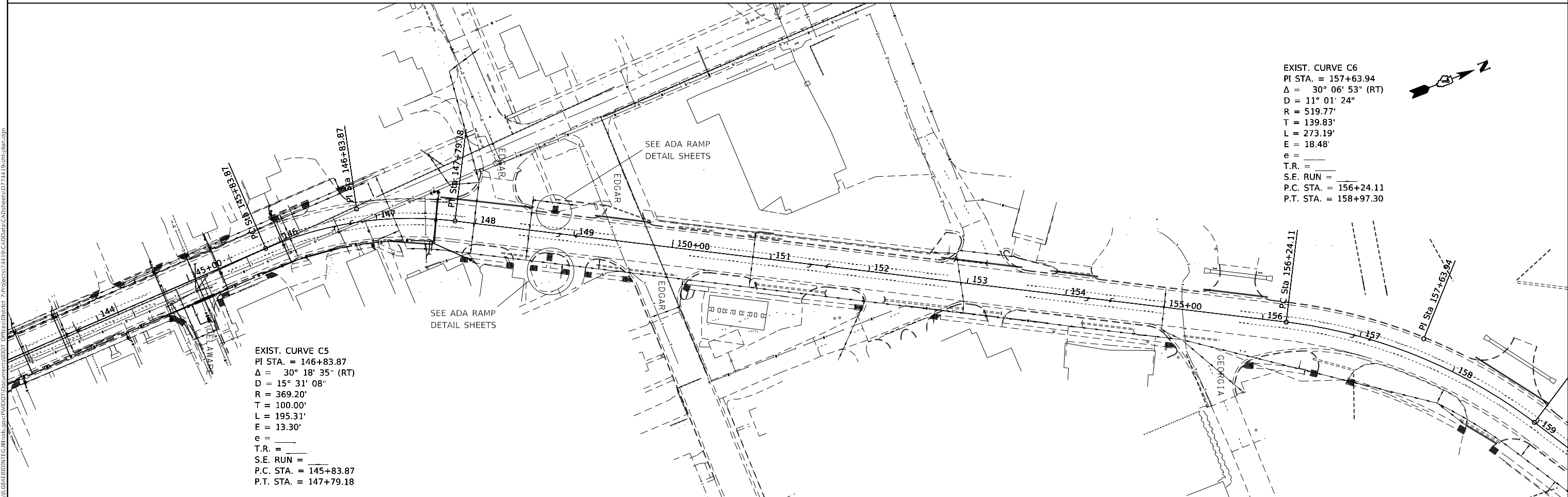
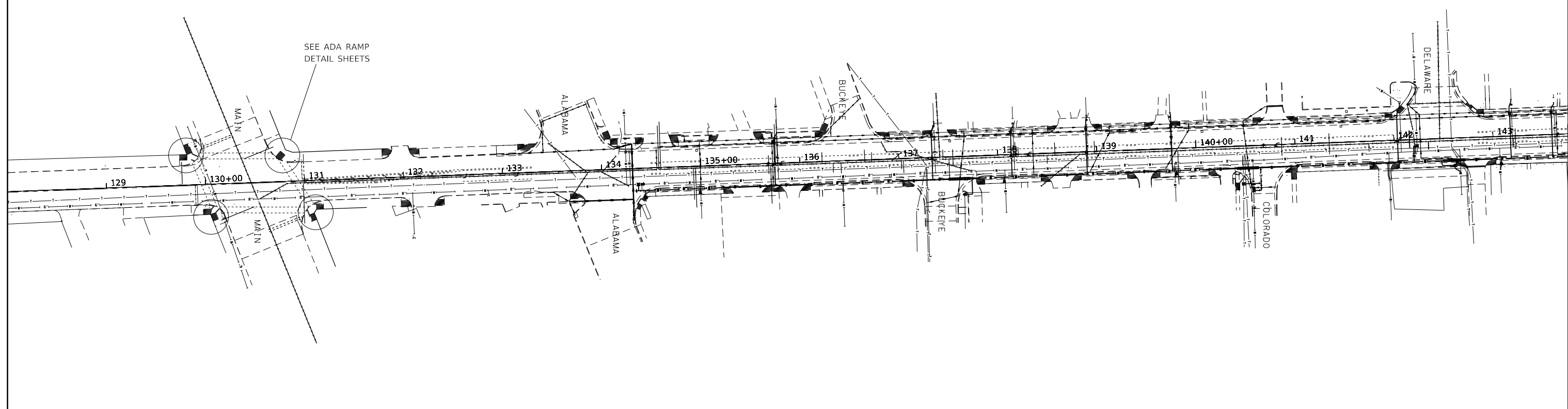
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113,113Z)RS-4	Clark	40	13
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				

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 PROJECT: 74419  
 OFFICE: JEFFERSONVILLE  
 DATE: 10/19/2018



EXIST. CURVE C5  
 PI STA. = 146+83.87  
 $\Delta = 30^\circ 18' 35''$  (RT)  
 D = 15° 31' 08"  
 R = 369.20'  
 T = 100.00'  
 L = 195.31'  
 E = 13.30'  
 e =  
 T.R. =  
 S.E. RUN =  
 P.C. STA. = 145+83.87  
 P.T. STA. = 147+79.18

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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SCALE:		PLAN SHEET	
		SHEET OF SHEETS	STA. TO STA.

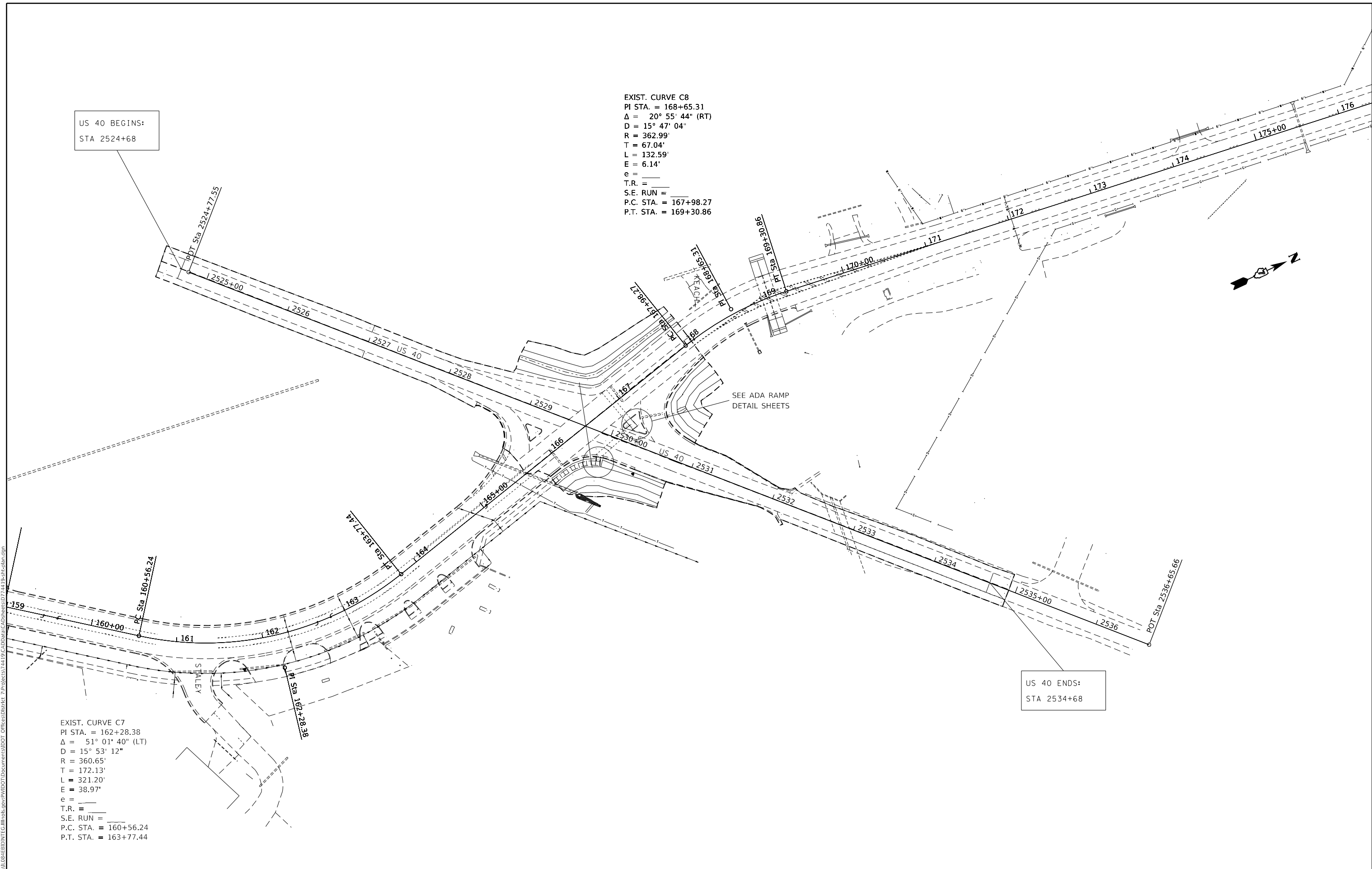
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832	(113.113Z)RS-4	Clark	40	14
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				

US 40 BEGINS:  
STA 2524+68

EXIST. CURVE C8  
PI STA. = 168+65.31  
 $\Delta$  = 20° 55' 44" (RT)  
D = 15° 47' 04"  
R = 362.99'  
T = 67.04'  
L = 132.59'  
E = 6.14'  
e = \_\_\_\_\_  
T.R. = \_\_\_\_\_  
S.E. RUN = \_\_\_\_\_  
P.C. STA. = 167+98.27  
P.T. STA. = 169+30.86

EXIST. CURVE C7  
PI STA. = 162+28.38  
 $\Delta$  = 51° 01' 40" (LT)  
D = 15° 53' 12"  
R = 360.65'  
T = 172.13'  
L = 321.20'  
E = 38.97'  
e = \_\_\_\_\_  
T.R. = \_\_\_\_\_  
S.E. RUN = \_\_\_\_\_  
P.C. STA. = 160+56.24  
P.T. STA. = 163+77.44

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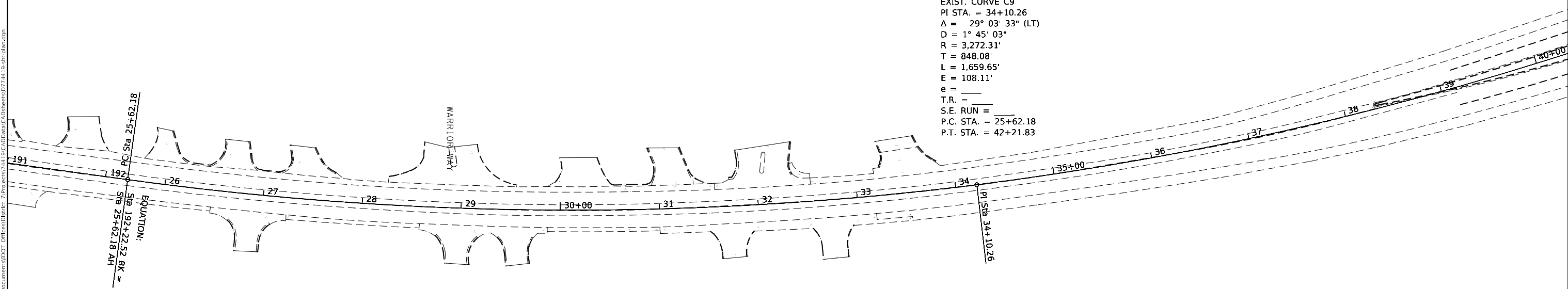
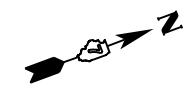
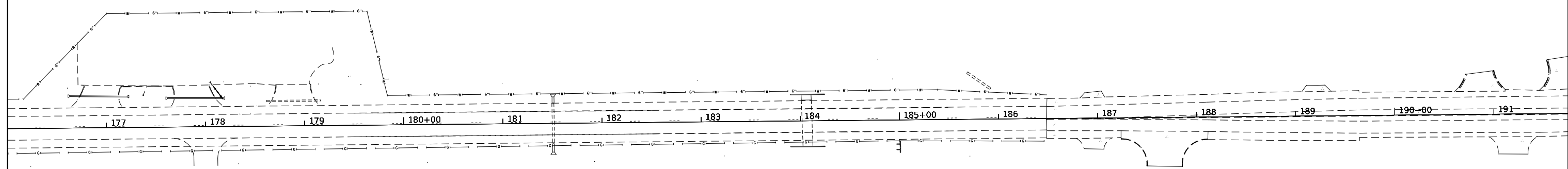
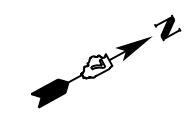
US 40 ENDS:  
STA 2534+68

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	15
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE C9  
 PI STA. = 34+10.26  
 $\Delta = 29^\circ 03' 33''$  (LT)  
 $D = 1^\circ 45' 03''$   
 $R = 3,272.31'$   
 $T = 848.08'$   
 $L = 1,659.65'$   
 $E = 108.11'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 25+62.18$   
 $P.T. STA. = 42+21.83$

PC Sta 25+62.18  
 STB 192+22.32 BK =  
 STB 25+62.18 AH =  
 EQUATION:

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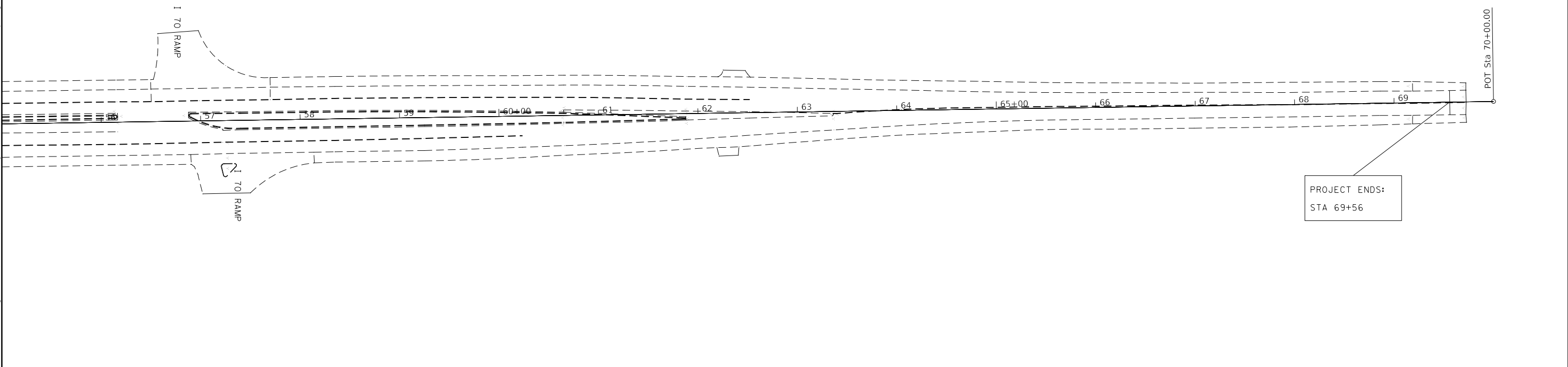
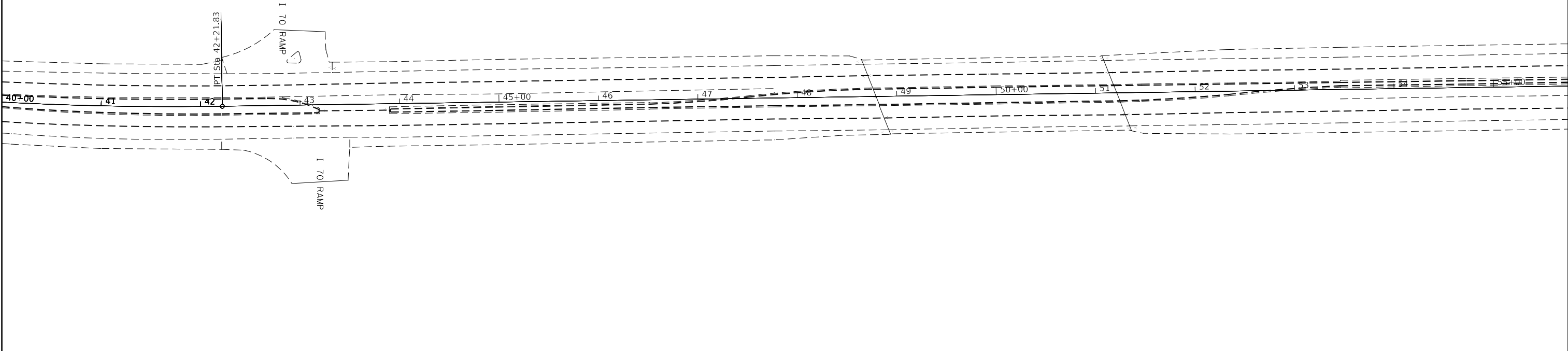
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	16
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				





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PLOT DATE = 10/19/2018	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET</b>			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE. 832	SECTION (113,113Z)RS-4	COUNTY Clark	TOTAL SHEETS 40	SHEET NO. 17
ILLINOIS FED. AID PROJECT				
CONTRACT NO. 74419				

TP107



119

← IL RT 49 SOUTH

120+00

IL RT 49 NORTH →

EXISTING PARKING LANE

119+28.70 FRONT OF PROPOSED NEW SIDEWALK

120+26.50

LINE OF REMOVAL LIMITS

119+33.92

EXISTING ISLAND AND SIDEWALK TO REMAIN

**LEGEND**

- DRIVEWAY PAVEMENT REMOVAL
- CURB REMOVAL
- GUTTER REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- CONCRETE MEDIAN SURFACE REMOVAL

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PLOT DATE = 10/19/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**VFW ENTRANCE REMOVAL PLAN**

SCALE: SHEET OF SHEETS STA. 118+95.10 TO STA. 120+52.59

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113,113Z)RS-4	Clark	40	18
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				

TP107

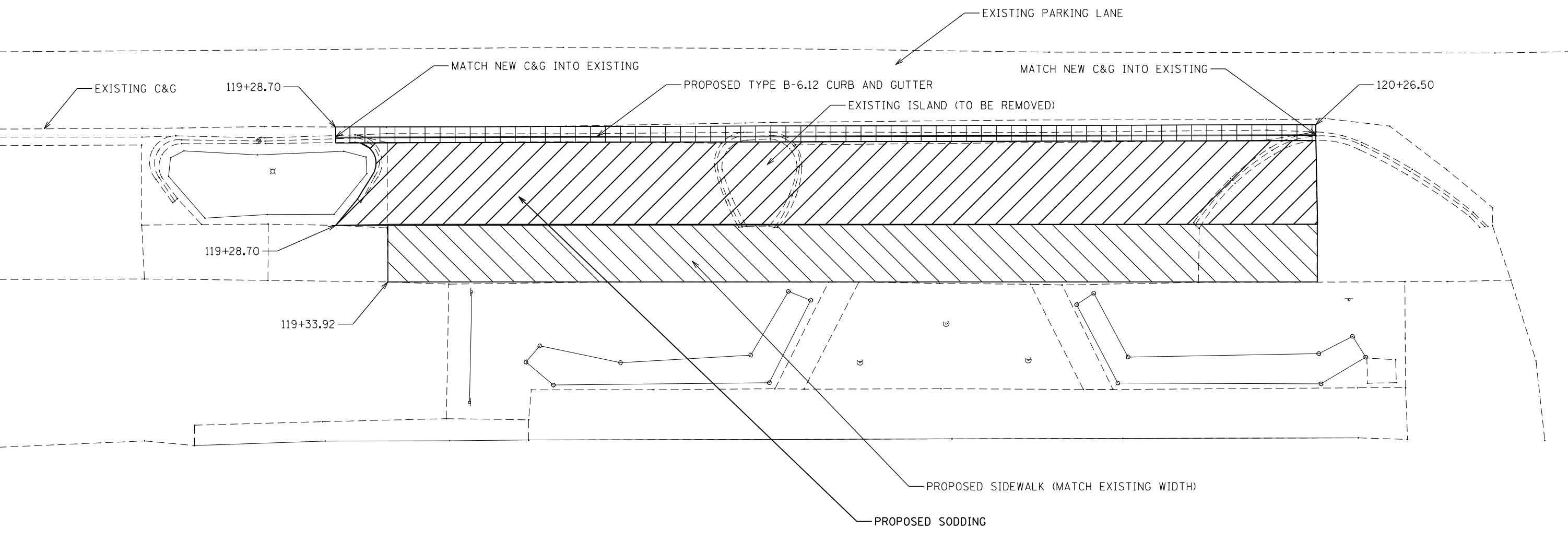


119

← IL RT 49 SOUTH

120+00

IL RT 49 NORTH →



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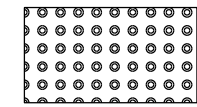
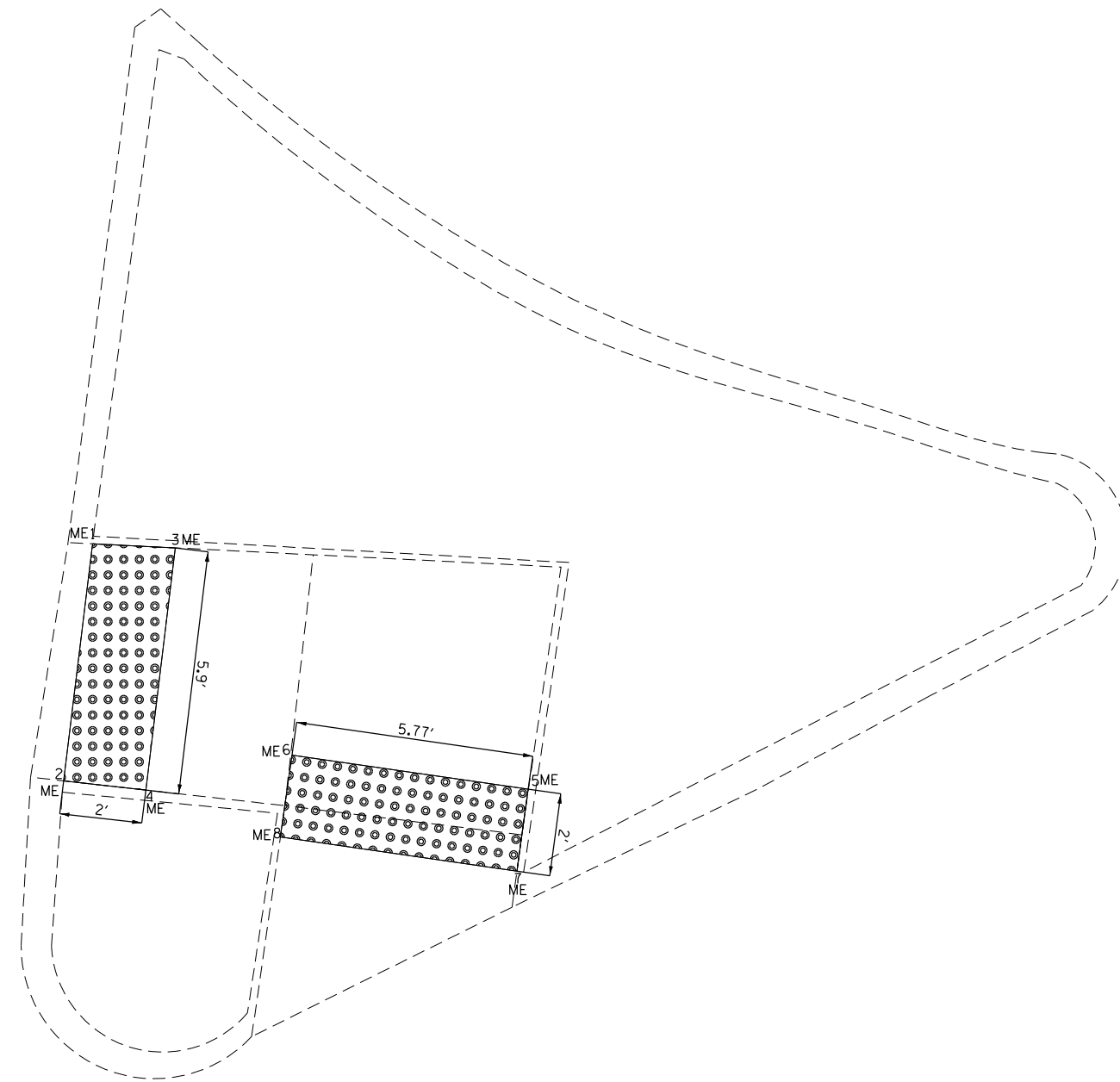
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

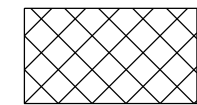
**PROPOSED VFW SIDEWALK /CURB & GUTTER PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113,113Z)RS-4	Clark	40	19
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				



DETECTABLE WARNING



TRANSITION PANEL



LANDING AREA

ME MATCH EXISTING

POINT NUMBER	STATION	OFFSET	ELEVATION
1	166+96.03	26.05 RT	644.06
2	166+90.25	26.08 RT	644.08
3	166+96.18	28.05 RT	644.06
4	166+90.28	28.08 RT	644.08
5	166+91.47	37.25 RT	644.04
6	166+91.57	31.48 RT	644.09
7	166+89.47	37.23 RT	643.99
8	166+89.57	31.45 RT	644.07

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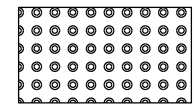
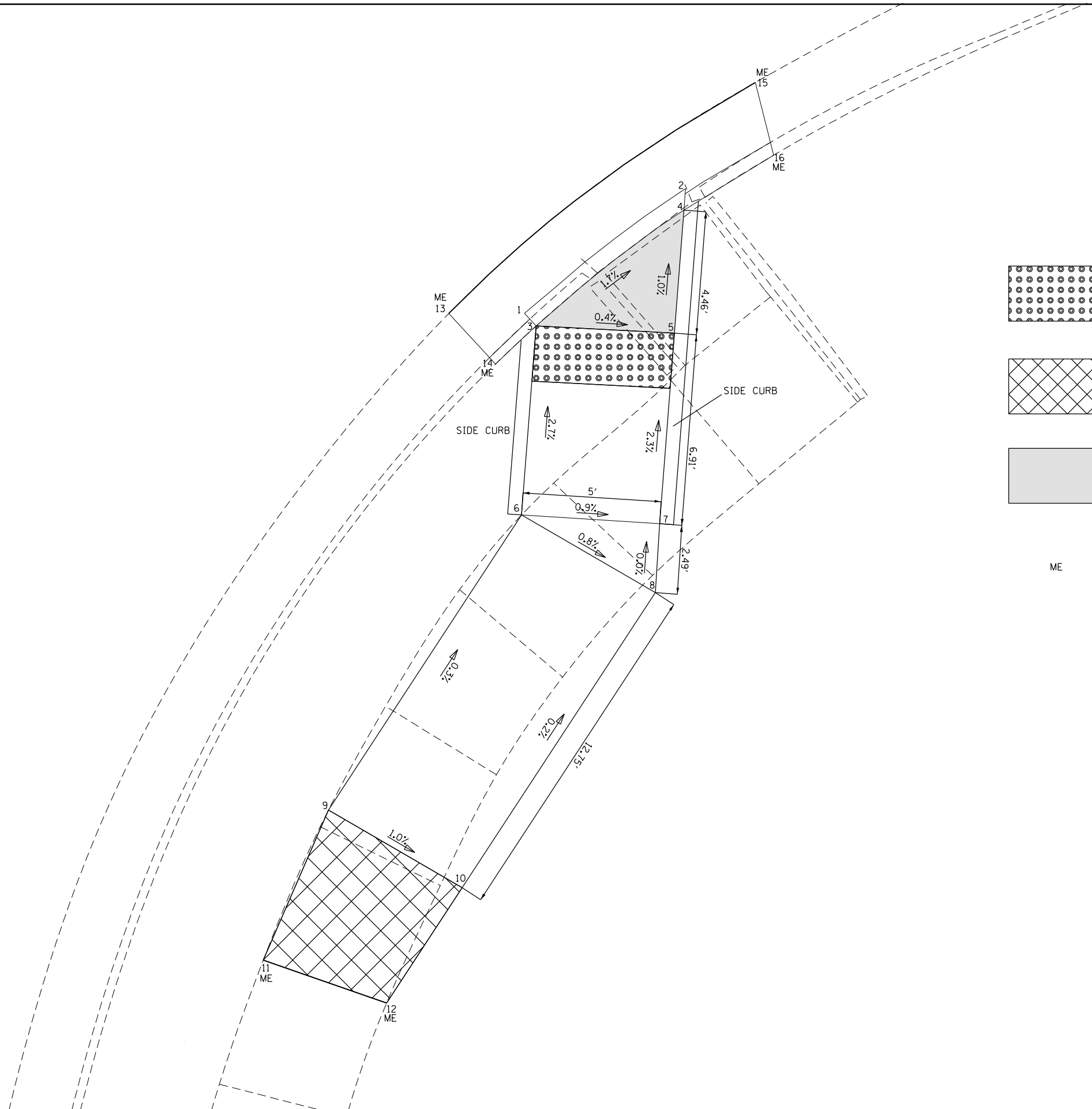
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

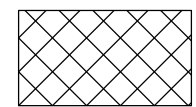
**US 40 & IL 49  
ADA RAMPS ISLAND**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74419	



DETECTABLE WARNING



TRANSITION PANEL



LANDING AREA

ME

MATCH EXISTING

POINT NUMBER	STATION	OFFSET	ELEVATION
1	166+37.50	33.34 RT	643.86
2	166+40.97	38.55 RT	643.80
3	166+35.37	33.82 RT	643.90
4	166+40.19	38.59 RT	643.84
5	166+35.74	38.81 RT	643.88
6	166+28.52	34.16 RT	644.09
7	166+28.84	39.15 RT	644.04
8	166+26.36	39.31 RT	644.04
9	166+17.06	28.59 RT	644.12
10	166+14.89	33.74 RT	644.07
11	166+11.39	26.94 RT	644.16
12	166+10.41	31.56 RT	644.07
13	166+33.82	32.54 RT	644.32
14	166+35.41	30.64 RT	643.97
15	166+45.10	40.56 RT	643.82
16	166+42.57	41.55 RT	648.18

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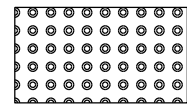
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

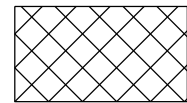
**US 40 & IL 49**  
**ADA RAMPS SE QUAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	21
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				



DETECTABLE WARNING

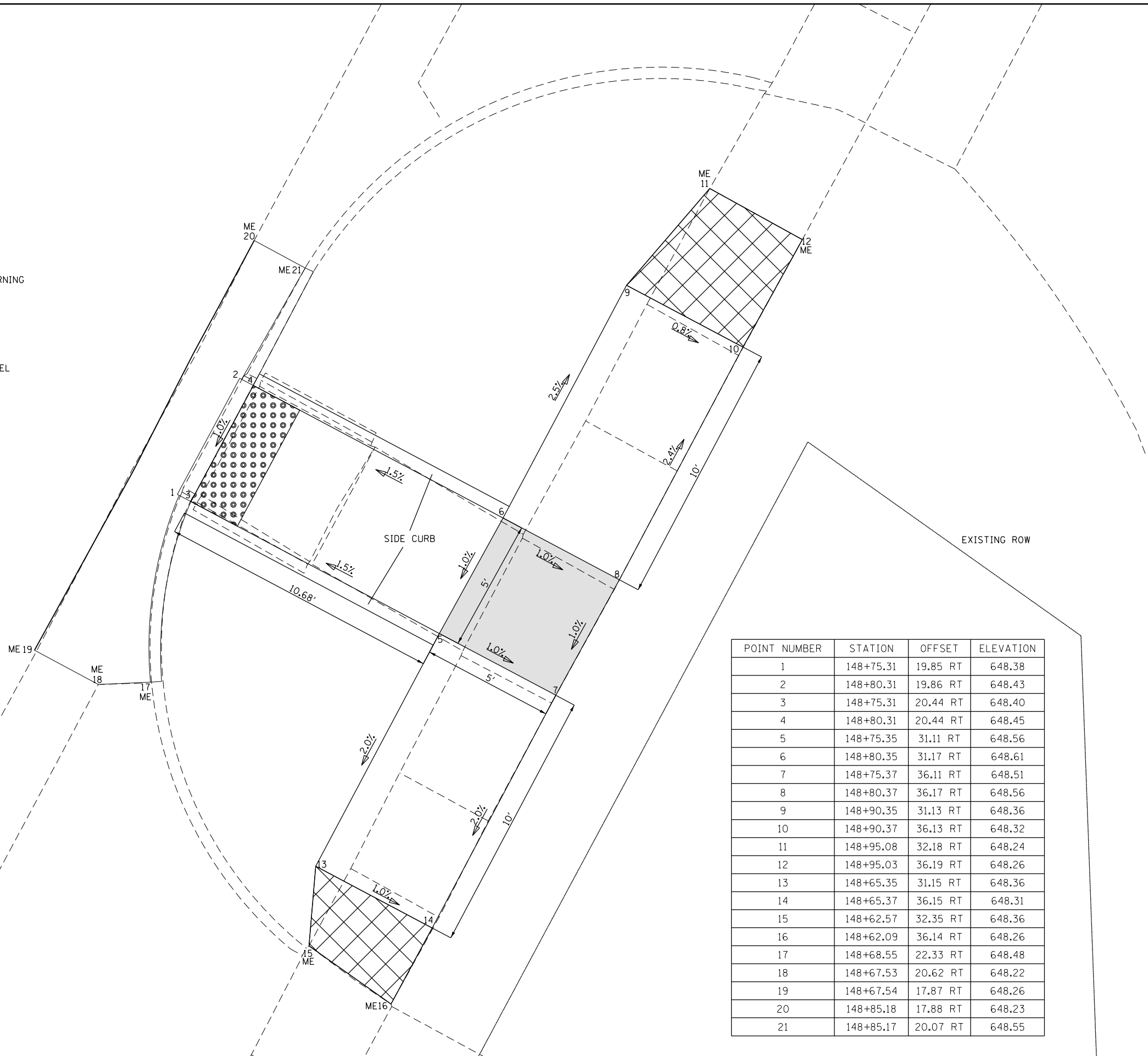


TRANSITION PANEL



LANDING AREA

ME MATCH EXISTING



POINT NUMBER	STATION	OFFSET	ELEVATION
1	148+75.31	19.85 RT	648.38
2	148+80.31	19.86 RT	648.43
3	148+75.31	20.44 RT	648.40
4	148+80.31	20.44 RT	648.45
5	148+75.35	31.11 RT	648.56
6	148+80.35	31.17 RT	648.61
7	148+75.37	36.11 RT	648.51
8	148+80.37	36.17 RT	648.56
9	148+90.35	31.13 RT	648.36
10	148+90.37	36.13 RT	648.32
11	148+95.08	32.18 RT	648.24
12	148+95.03	36.19 RT	648.26
13	148+65.35	31.15 RT	648.36
14	148+65.37	36.15 RT	648.31
15	148+62.57	32.35 RT	648.36
16	148+62.09	36.14 RT	648.26
17	148+68.55	22.33 RT	648.48
18	148+67.53	20.62 RT	648.22
19	148+67.54	17.87 RT	648.26
20	148+85.18	17.88 RT	648.23
21	148+85.17	20.07 RT	648.55

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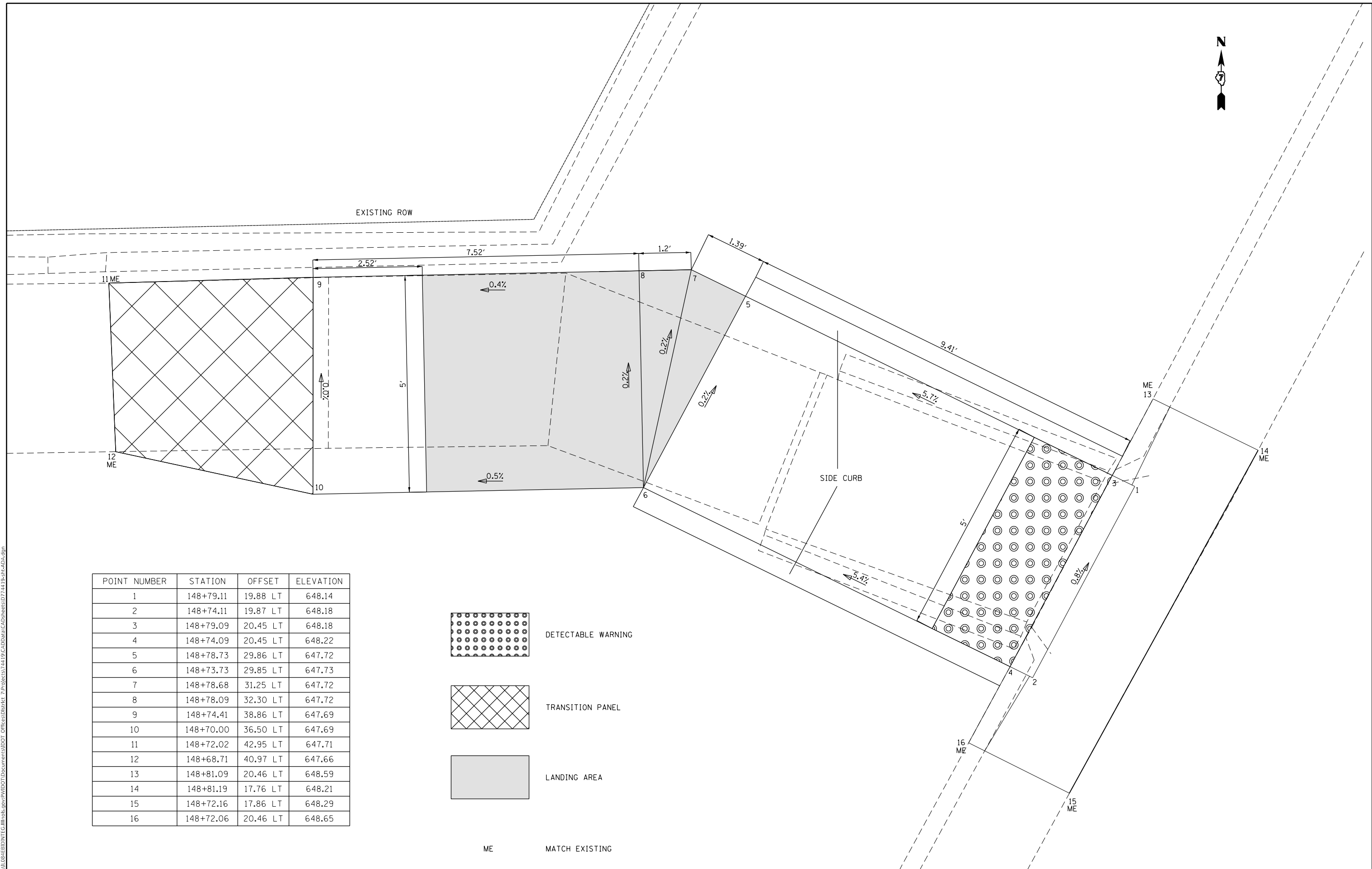
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

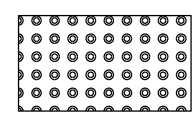
**IL 49 & EDGAR AVE**  
**ADA RAMPS EAST QUAD**

SCALE: SHEET OF SHEETS STA. TO STA.

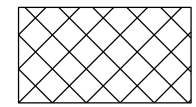
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.1132)RS-4	Clark	40	22
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				



POINT NUMBER	STATION	OFFSET	ELEVATION
1	148+79.11	19.88 LT	648.14
2	148+74.11	19.87 LT	648.18
3	148+79.09	20.45 LT	648.18
4	148+74.09	20.45 LT	648.22
5	148+78.73	29.86 LT	647.72
6	148+73.73	29.85 LT	647.73
7	148+78.68	31.25 LT	647.72
8	148+78.09	32.30 LT	647.72
9	148+74.41	38.86 LT	647.69
10	148+70.00	36.50 LT	647.69
11	148+72.02	42.95 LT	647.71
12	148+68.71	40.97 LT	647.66
13	148+81.09	20.46 LT	648.59
14	148+81.19	17.76 LT	648.21
15	148+72.16	17.86 LT	648.29
16	148+72.06	20.46 LT	648.65



DETECTABLE WARNING



TRANSITION PANEL



LANDING AREA

ME MATCH EXISTING

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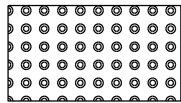



**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

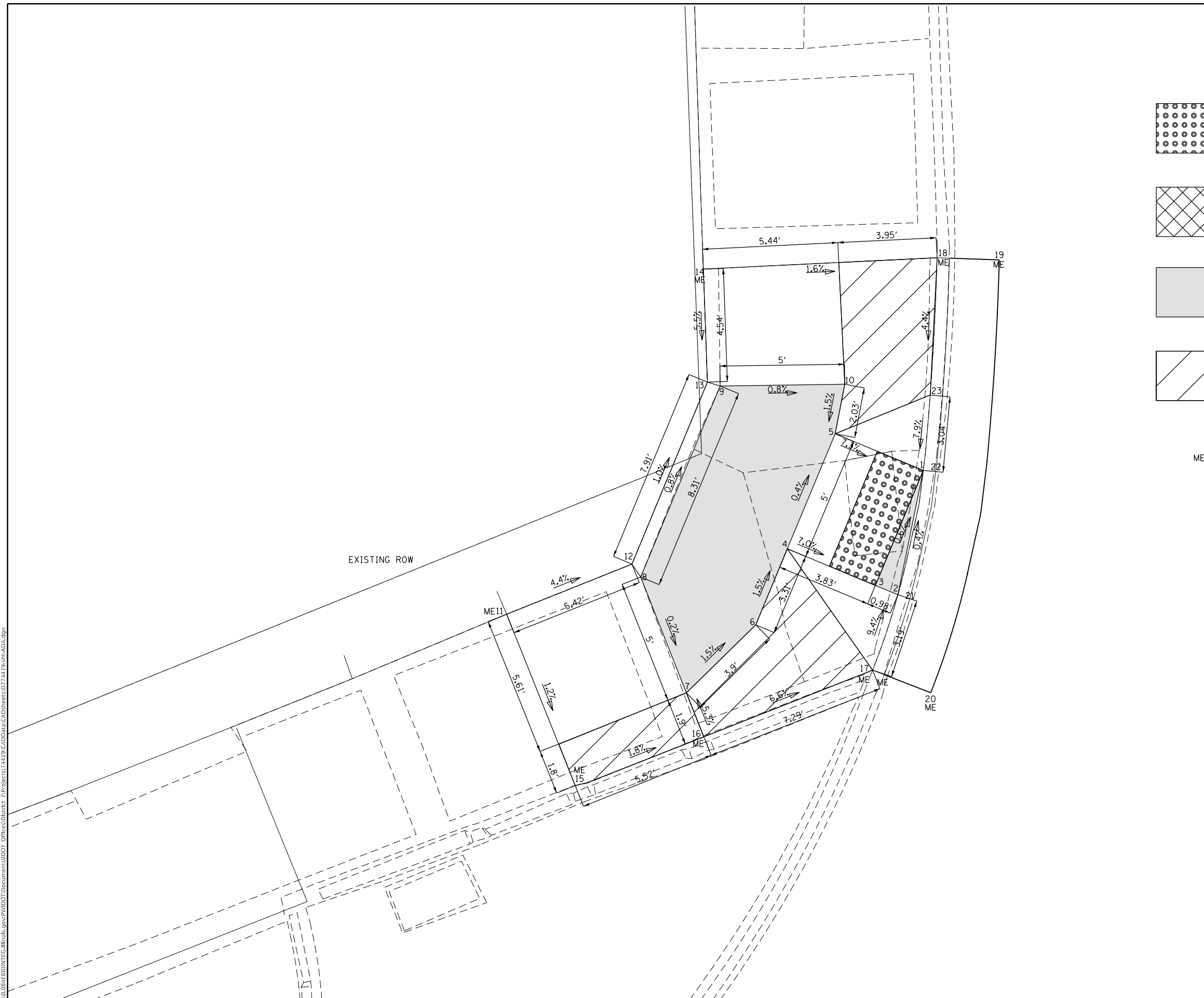
**IL 49 & EDGAR AVE**  
**ADA RAMPS WEST QUAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 832	SECTION (113.113Z)RS-4	COUNTY Clark	TOTAL SHEETS 40	SHEET NO. 23
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				



-  DETECTABLE WARNING
-  TRANSITION PANEL
-  LANDING AREA
-  PAVED BOULEVARD
- ME MATCH EXISTING



POINT NUMBER	STATION	OFFSET	ELEVATION
1	130+85.27	21.26 LT	647.88
2	130+80.32	22.46 LT	647.90
3	130+80.72	23.35 LT	647.91
4	130+82.33	26.82 LT	648.18
5	130+86.87	24.73 LT	648.16
6	130+79.32	28.21 LT	648.23
7	130+76.69	31.09 LT	648.29
8	130+81.41	32.75 LT	648.30
9	130+88.96	29.28 LT	648.23
10	130+88.84	24.28 LT	648.19
11	130+80.12	38.18 LT	648.58
12	130+81.94	33.08 LT	648.34
13	130+89.13	29.78 LT	648.26
14	130+93.67	29.78 LT	648.51
15	130+73.14	35.68 LT	648.49
16	130+74.91	30.46 LT	648.39
17	130+77.33	23.58 LT	648.20
18	130+93.78	20.36 LT	648.36
19	130+93.60	17.89 LT	647.82
20	130+76.33	21.29 LT	647.93
21	130+80.14	21.99 LT	647.87
22	130+85.20	20.76 LT	647.85
23	130+88.28	20.86 LT	648.12

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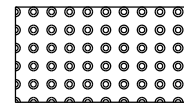
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MAIN ST & IL 49**  
**ADA RAMPS NW QUAD**

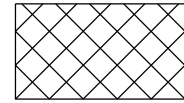
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	24
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				





DETECTABLE WARNING



TRANSITION PANEL



LANDING AREA



PAVED BOULEVARD

ME MATCH EXISTING



IT IS THE INTENT OF THE DEPARTMENT TO MATCH THE EXISTING ELEVATION OF THE SIDEWALK AROUND THE NOSE OF THE EXISTING STEP.

EXISTING ROW

IT IS THE INTENT OF THE DEPARTMENT TO REMOVE & REPLACE PCC CURB & GUTTER AS SHOWN IN ORDER TO ACHIEVE POSITIVE DRAINAGE IN THE AREA SHOWN. POINTS 15 THROUGH 18 ARE IN THE FLOWLINE OF THE PROPOSED CURB & GUTTER. SPECIAL ATTENTION SHOULD BE PAID TO ENSURE THAT NO PONDING SHALL OCCUR IN THE GUTTER IN FRONT OF THE ADA RAMP.

POINT NUMBER	STATION	OFFSET	ELEVATION
1	131+00.68	28.01 RT	647.30
2	130+97.53	32.12 RT	647.29
3	130+98.77	32.63 RT	647.30
4	131+04.04	29.41 RT	647.58
5	131+02.13	34.03 RT	647.58
6	131+03.31	37.21 RT	647.62
7	131+09.38	34.96 RT	647.70
8	131+01.98	44.12 RT	647.68
9	131+11.48	40.60 RT	647.72
10	131+14.00	28.10 RT	647.72
11	131+14.04	23.06 RT	647.67
12	131+14.05	20.54 RT	647.65
13	131+25.17	28.14 RT	647.85
14	131+25.25	21.55 RT	647.82
15	131+44.40	19.36 RT	647.35
16	131+25.29	19.44 RT	647.33
17	131+14.07	19.85 RT	647.32
18	130+92.42	38.65 RT	647.28
19	130+90.75	37.55 RT	647.35
20	131+25.31	17.32 RT	647.31
21	130+98.71	35.30 RT	647.56
22	131+02.76	25.89 RT	647.54

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

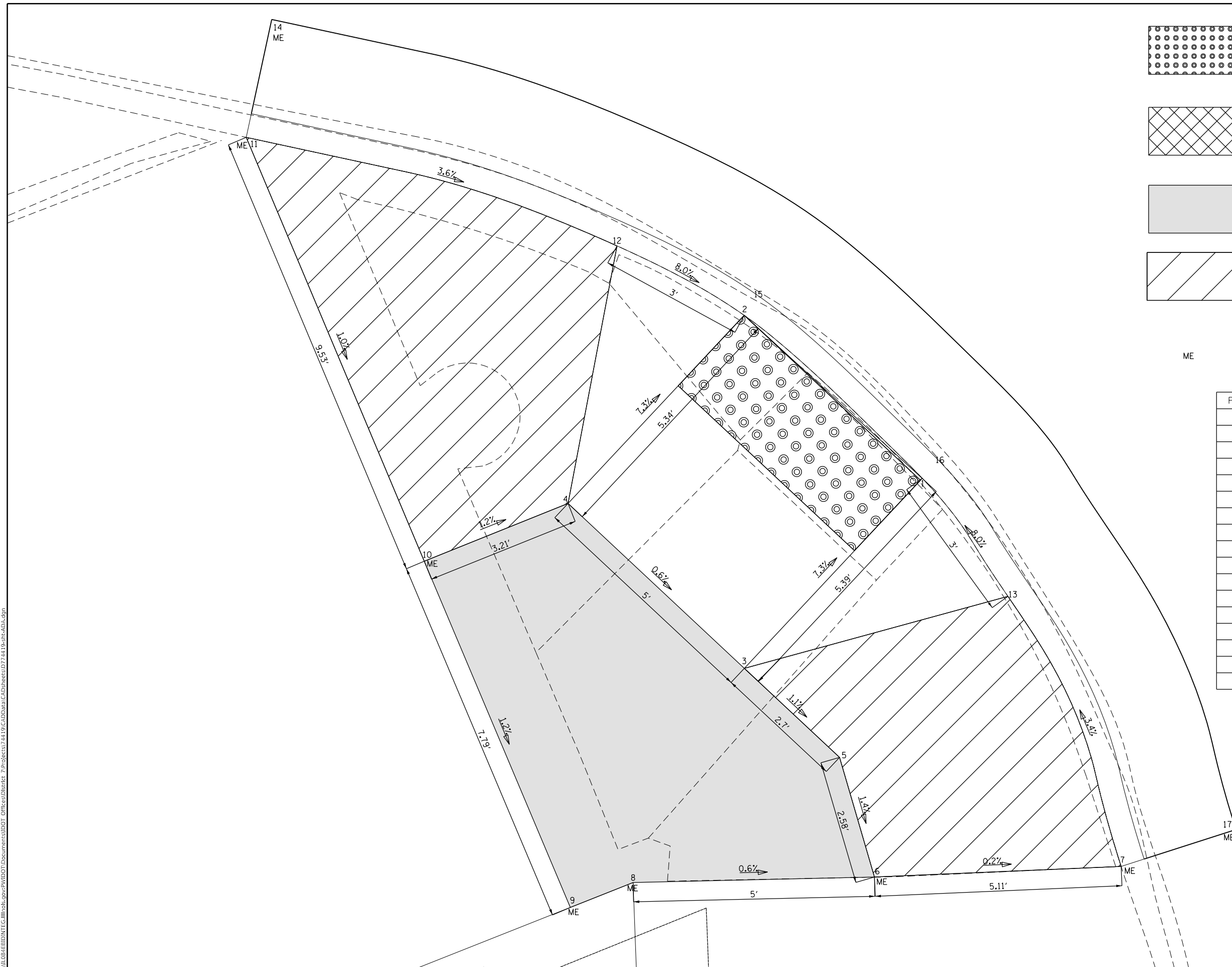
MAIN ST & IL 49  
ADA RAMPS NE QUAD

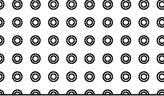


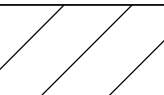
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.1132)RS-4	Clark	40	25
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				



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 DETECTABLE WARNING  
 TRANSITION PANEL  
 LANDING AREA  
 PAVED BOULEVARD



ME MATCH EXISTING

POINT NUMBER	STATION	OFFSET	ELEVATION
1	129+90.79	25.32 LT	647.29
2	129+94.30	28.88 LT	647.32
3	129+86.99	29.15 LT	647.68
4	129+90.54	32.67 LT	647.71
5	129+85.07	27.24 LT	647.65
6	129+82.57	26.62 LT	647.61
7	129+82.60	21.50 LT	647.60
8	129+82.64	31.62 LT	647.64
9	129+82.17	32.94 LT	647.66
10	129+89.45	35.69 LT	647.75
11	129+98.37	39.05 LT	647.85
12	129+95.83	31.46 RT	647.56
13	129+88.28	23.64 RT	647.53
14	130+00.79	38.43 RT	647.44
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16	129+90.94	24.79 RT	647.26
17	129+83.27	19.10 RT	647.24

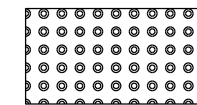
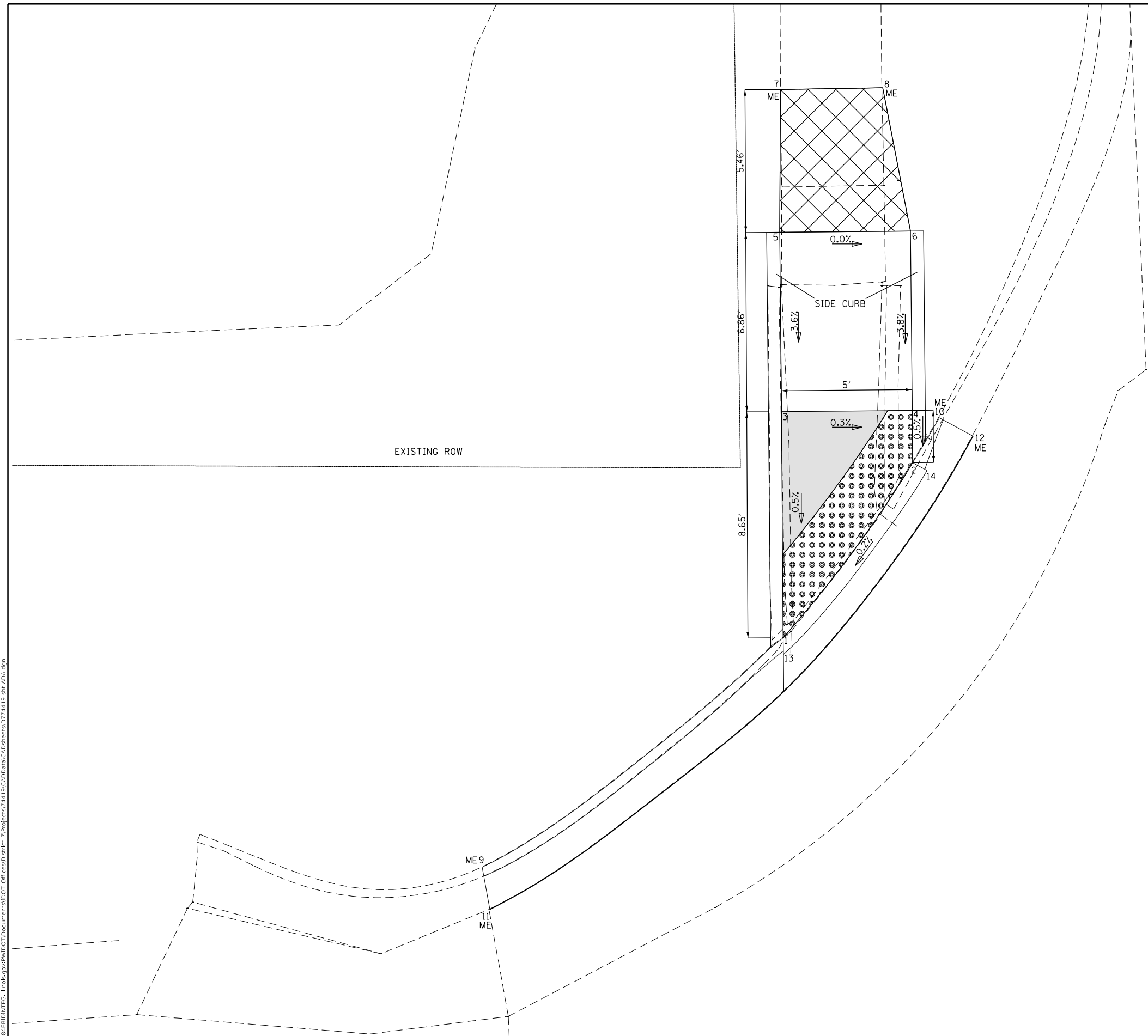
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

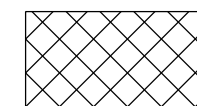
**MAIN ST & IL 49  
 ADA RAMPS SW QUAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.1132)RS-4	Clark	40	27
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				



DETECTABLE WARNING



TRANSITION PANEL



LANDING AREA

ME MATCH EXISTING

POINT NUMBER	STATION	OFFSET	ELEVATION
1	114+29.91	32.10 LT	642.41
2	114+36.60	27.12 LT	642.43
3	114+38.58	32.14 LT	642.46
4	114+38.60	27.14 LT	642.44
5	114+45.45	32.17 LT	642.70
6	114+15.48	27.17 LT	642.70
7	114+50.92	32.12 LT	642.81
8	114+50.97	28.21 LT	642.69
9	114+21.15	43.64 LT	642.78
10	114+38.32	26.10 LT	642.39
11	114+19.53	43.39 LT	642.35
12	114+37.61	24.81 LT	642.21
13	114+29.27	32.10 LT	642.37
14	114+36.30	26.58 LT	642.39

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

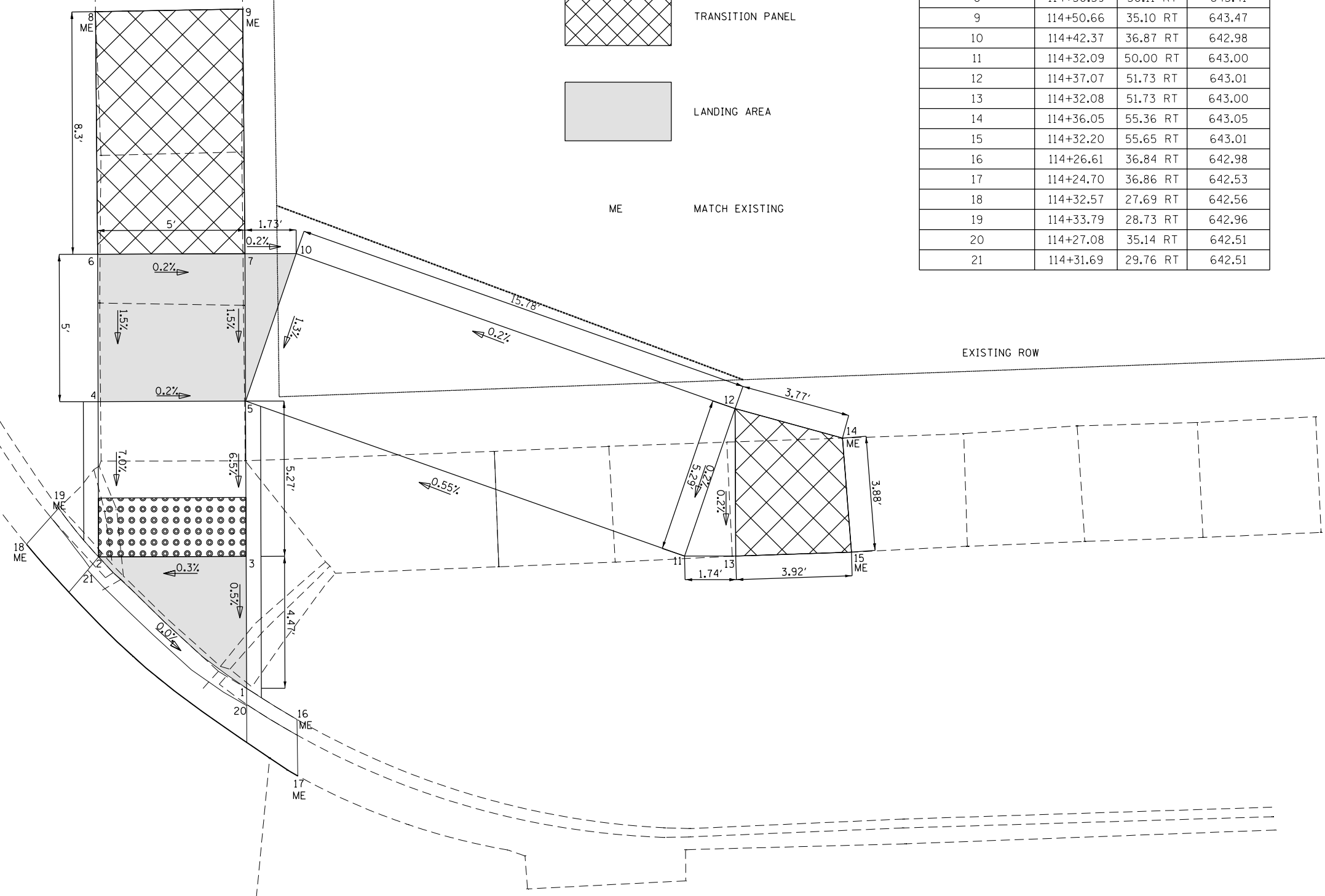
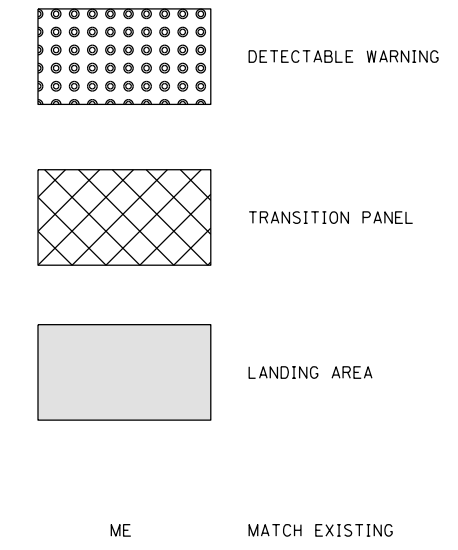
**IL 49 & MONROE ST**  
**ADA RAMPS NW QUAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	28
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				



POINT NUMBER	STATION	OFFSET	ELEVATION
1	114+27.66	35.14 RT	642.55
2	114+32.13	30.14 RT	642.55
3	114+32.13	35.14 RT	642.57
4	114+37.36	30.14 RT	642.92
5	114+37.39	35.14 RT	642.91
6	114+42.38	30.14 RT	643.00
7	114+42.38	35.14 RT	642.99
8	114+50.59	30.11 RT	643.41
9	114+50.66	35.10 RT	643.47
10	114+42.37	36.87 RT	642.98
11	114+32.09	50.00 RT	643.00
12	114+37.07	51.73 RT	643.01
13	114+32.08	51.73 RT	643.00
14	114+36.05	55.36 RT	643.05
15	114+32.20	55.65 RT	643.01
16	114+26.61	36.84 RT	642.98
17	114+24.70	36.86 RT	642.53
18	114+32.57	27.69 RT	642.56
19	114+33.79	28.73 RT	642.96
20	114+27.08	35.14 RT	642.51
21	114+31.69	29.76 RT	642.51



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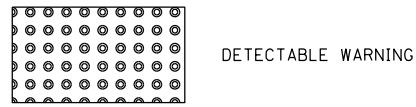
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PLOT DATE = 10/19/2018	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

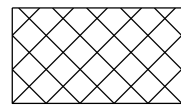
**MONROE ST & IL 49**  
**ADA RAMPS NE QUAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	29
CONTRACT NO. 74419			ILLINOIS FED. AID PROJECT	



DETECTABLE WARNING

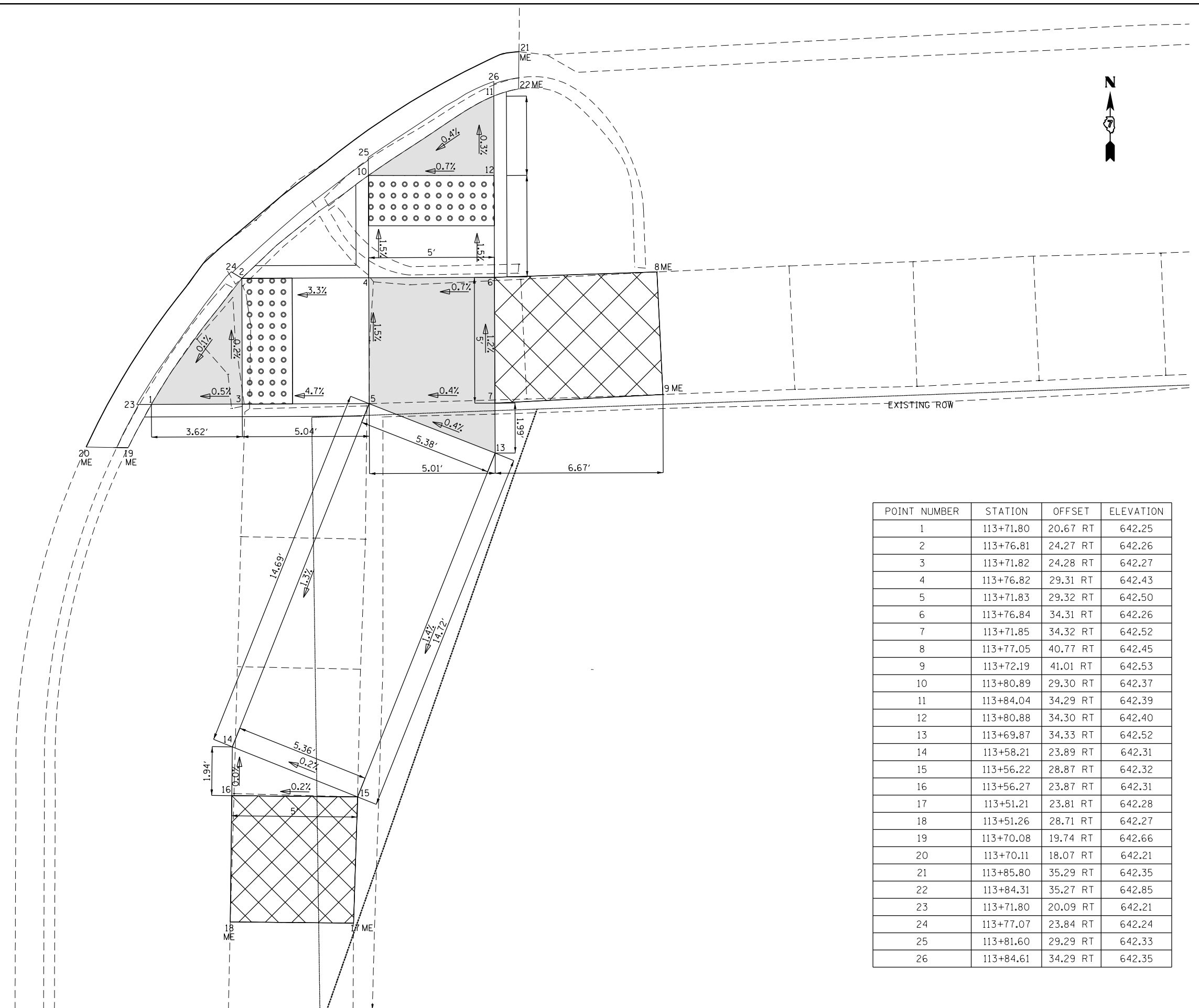


TRANSITION PANEL



LANDING AREA

ME MATCH EXISTING



POINT NUMBER	STATION	OFFSET	ELEVATION
1	113+71.80	20.67 RT	642.25
2	113+76.81	24.27 RT	642.26
3	113+71.82	24.28 RT	642.27
4	113+76.82	29.31 RT	642.43
5	113+71.83	29.32 RT	642.50
6	113+76.84	34.31 RT	642.26
7	113+71.85	34.32 RT	642.52
8	113+77.05	40.77 RT	642.45
9	113+72.19	41.01 RT	642.53
10	113+80.89	29.30 RT	642.37
11	113+84.04	34.29 RT	642.39
12	113+80.88	34.30 RT	642.40
13	113+69.87	34.33 RT	642.52
14	113+58.21	23.89 RT	642.31
15	113+56.22	28.87 RT	642.32
16	113+56.27	23.87 RT	642.31
17	113+51.21	23.81 RT	642.28
18	113+51.26	28.71 RT	642.27
19	113+70.08	19.74 RT	642.66
20	113+70.11	18.07 RT	642.21
21	113+85.80	35.29 RT	642.35
22	113+84.31	35.27 RT	642.85
23	113+71.80	20.09 RT	642.21
24	113+77.07	23.84 RT	642.24
25	113+81.60	29.29 RT	642.33
26	113+84.61	34.29 RT	642.35

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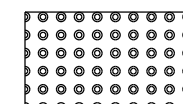
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PLOT DATE = 10/19/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MONROE ST & IL 49  
ADA RAMPS SE QUAD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	30
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				



DETECTABLE WARNING

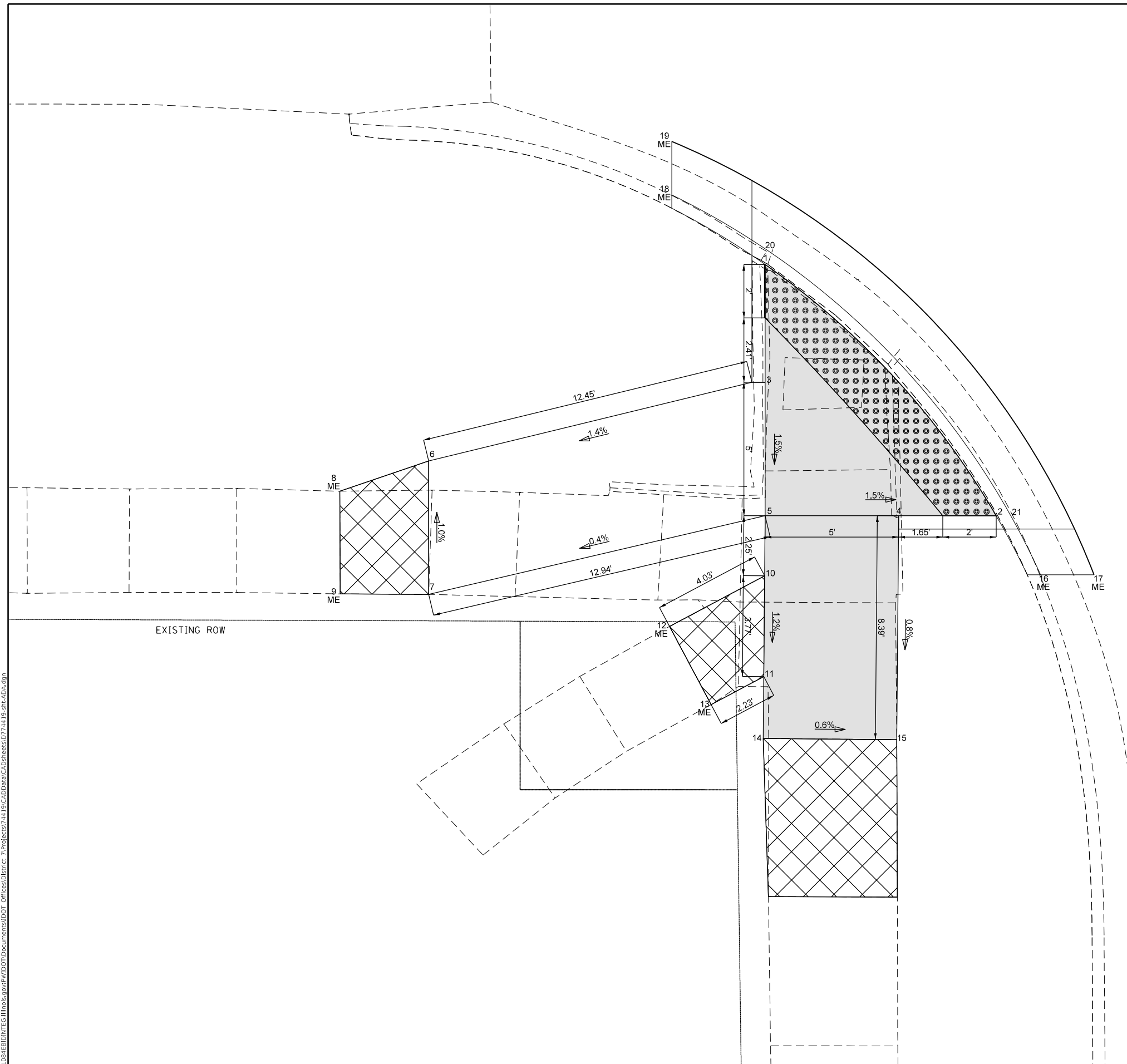


TRANSITION PANEL



LANDING AREA

ME MATCH EXISTING



POINT NUMBER	STATION	OFFSET	ELEVATION
1	113+83.71	31.81 LT	642.77
2	113+74.28	23.17 LT	642.50
3	113+79.29	31.82 LT	642.70
4	113+74.28	26.82 LT	642.56
5	113+74.28	31.82 LT	642.63
6	113+76.35	44.42 LT	642.53
7	113+71.33	44.42 LT	642.58
8	113+75.21	47.75 LT	642.51
9	113+71.35	47.73 LT	642.56
10	113+72.03	31.84 LT	642.60
11	113+68.25	31.88 LT	642.55
12	113+70.13	35.40 LT	642.47
13	113+67.20	33.84 LT	642.46
14	113+65.93	31.90 LT	642.53
15	113+65.88	26.90 LT	642.50
16	113+72.06	21.51 LT	642.45
17	113+86.32	19.51 LT	642.11
18	113+86.32	35.31 LT	642.81
19	113+88.33	35.31 LT	642.41
20	113+84.21	31.70 LT	642.75
21	113+74.28	22.63 LT	642.48
22	113+59.99	31.70 LT	642.46
23	113+59.98	26.87 LT	642.45

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MONROE ST & IL 49  
ADA RAMPS SW QUAD**

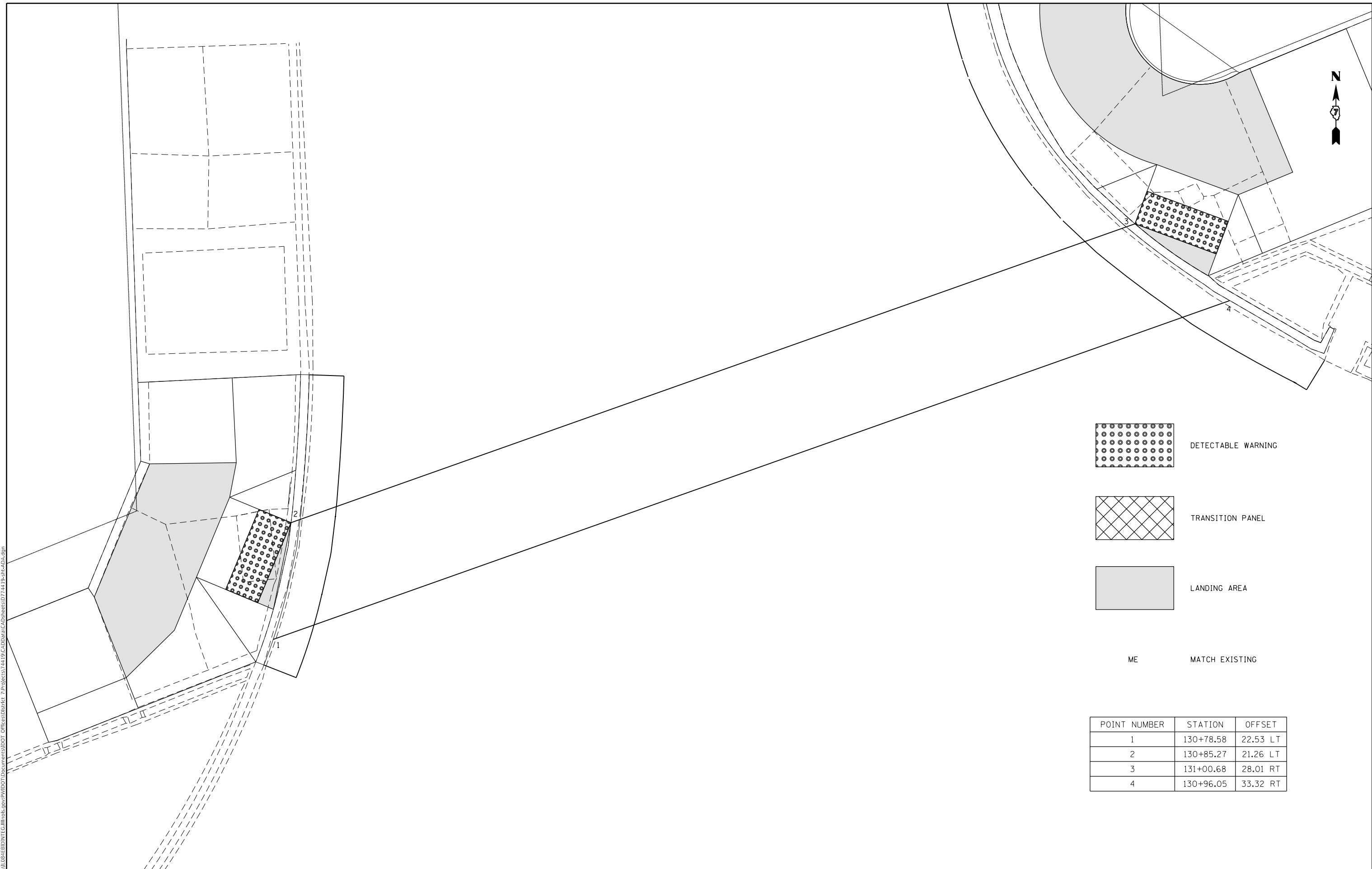
SCALE: SHEET OF SHEETS STA. TO STA.

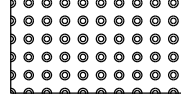


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	31
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				





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 DETECTABLE WARNING  
 TRANSITION PANEL  
 LANDING AREA  
 ME MATCH EXISTING

POINT NUMBER	STATION	OFFSET
1	130+78.58	22.53 LT
2	130+85.27	21.26 LT
3	131+00.68	28.01 RT
4	130+96.05	33.32 RT

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	DRAWN -	REVISED -
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

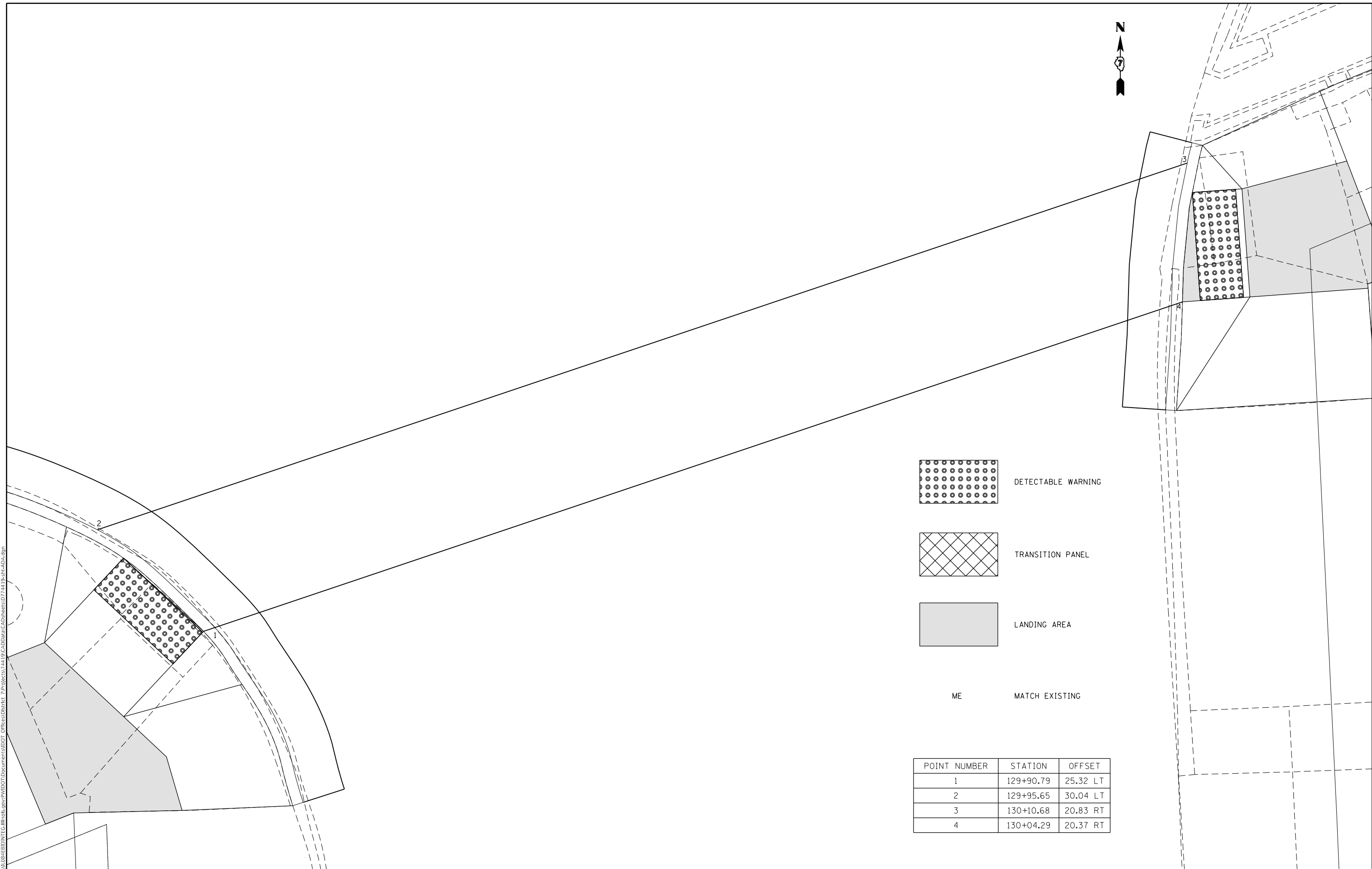
**CROSSWALK DETAIL**  
**IL 49 & MAIN ST NORTH**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	33
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



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- DETECTABLE WARNING
- TRANSITION PANEL
- LANDING AREA
- MATCH EXISTING

POINT NUMBER	STATION	OFFSET
1	129+90.79	25.32 LT
2	129+95.65	30.04 LT
3	130+10.68	20.83 RT
4	130+04.29	20.37 RT

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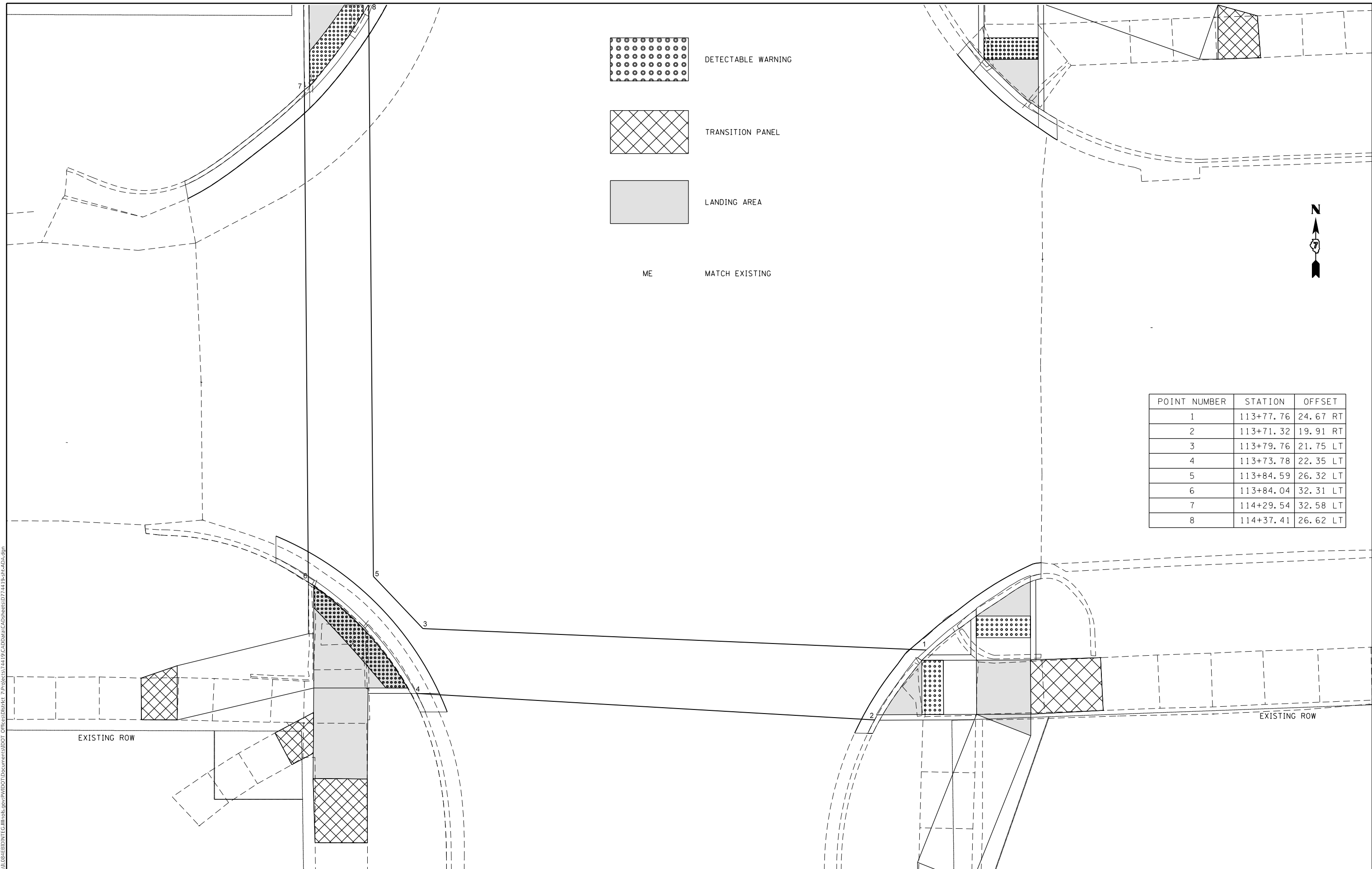
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

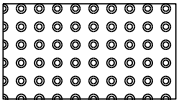
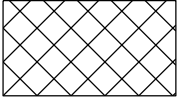

CROSSWALK DETAIL  
 IL 49 & MAIN ST SOUTH

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	34
CONTRACT NO. 74419				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

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 DETECTABLE WARNING  
 TRANSITION PANEL  
 LANDING AREA  
 ME MATCH EXISTING

POINT NUMBER	STATION	OFFSET
1	113+77.76	24.67 RT
2	113+71.32	19.91 RT
3	113+79.76	21.75 LT
4	113+73.78	22.35 LT
5	113+84.59	26.32 LT
6	113+84.04	32.31 LT
7	114+29.54	32.58 LT
8	114+37.41	26.62 LT

EXISTING ROW

EXISTING ROW

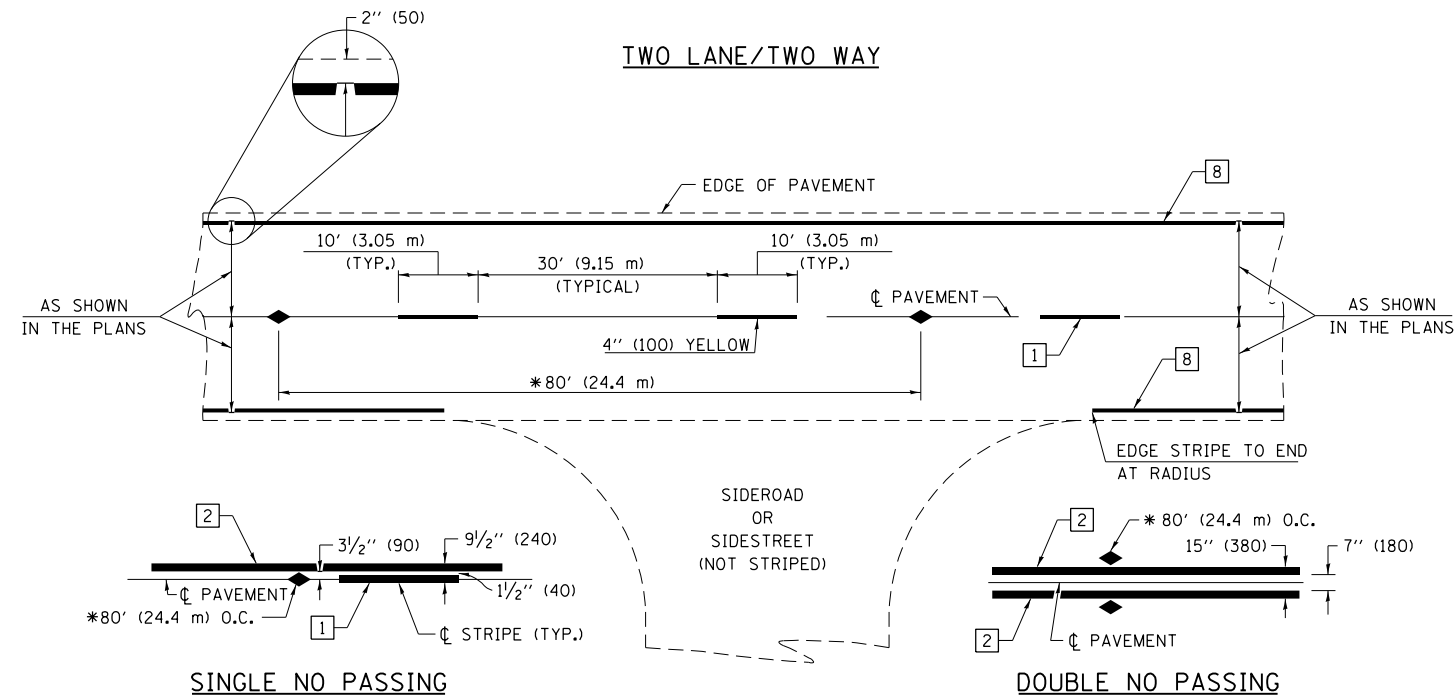
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PLOT DATE = 10/19/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CROSSWALK DETAIL  
 IL 49 & MONROE ST**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113.113Z)RS-4	Clark	40	35
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74419	



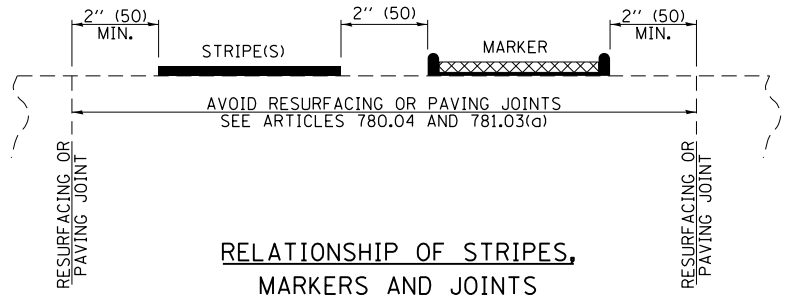
**PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

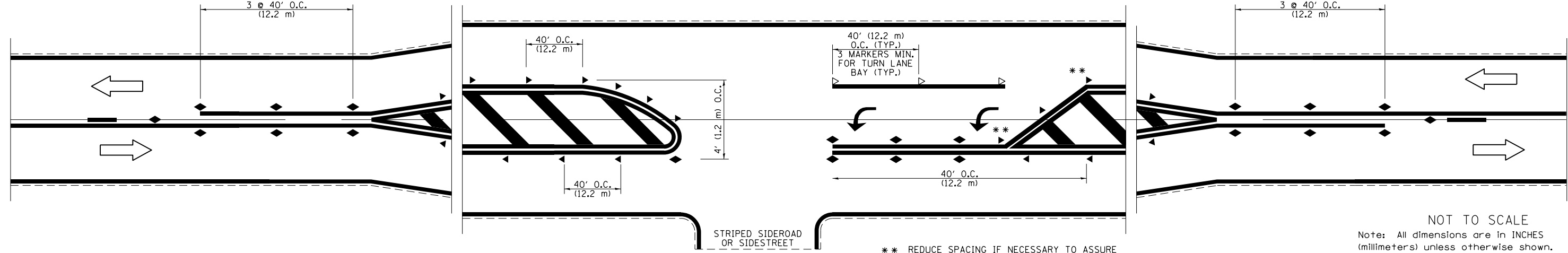
**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**



**RAISED REFLECTIVE PAVEMENT MARKERS**



NOT TO SCALE  
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

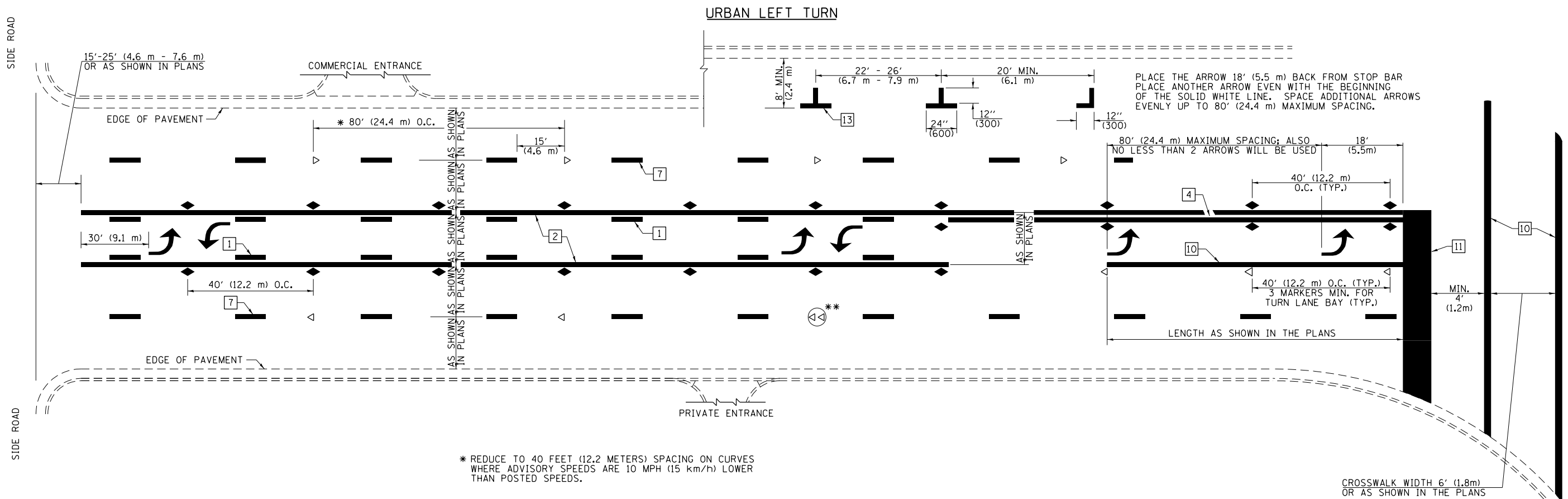
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		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

<b>DISTRICT 7 DETAIL NO. 7800001</b>				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113,113Z)RS-4	Clark	40	36
			CONTRACT NO. 74419	
ILLINOIS FED. AID PROJECT				



PLACE THE ARROW 18' (5.5 m) BACK FROM STOP BAR  
PLACE ANOTHER ARROW EVEN WITH THE BEGINNING  
OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS  
EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING.

\* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES  
WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER  
THAN POSTED SPEEDS.

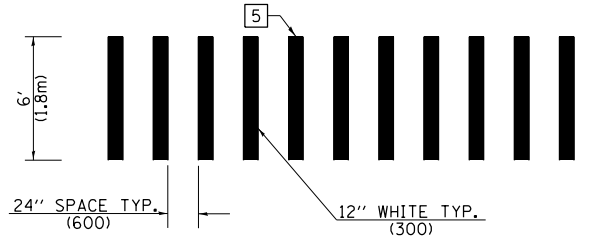
\*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED  
AND SPACED AS SHOWN IN HIGHWAY STANDARD  
781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED  
HIGHWAYS.

**PAVEMENT MARKING LEGEND**

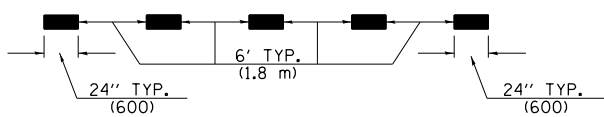
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

**GENERAL NOTES**

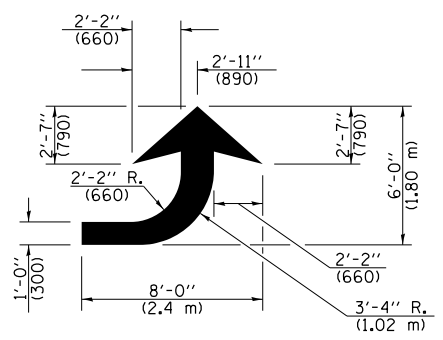
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



**CROSSWALK DETAIL  
(DECATUR CITY LIMITS ONLY)**

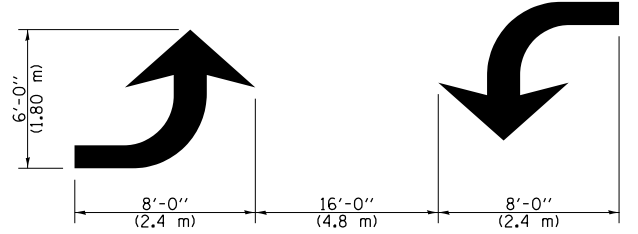


**LANE LINE EXTENSIONS**



**LEFT ARROW**

REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)



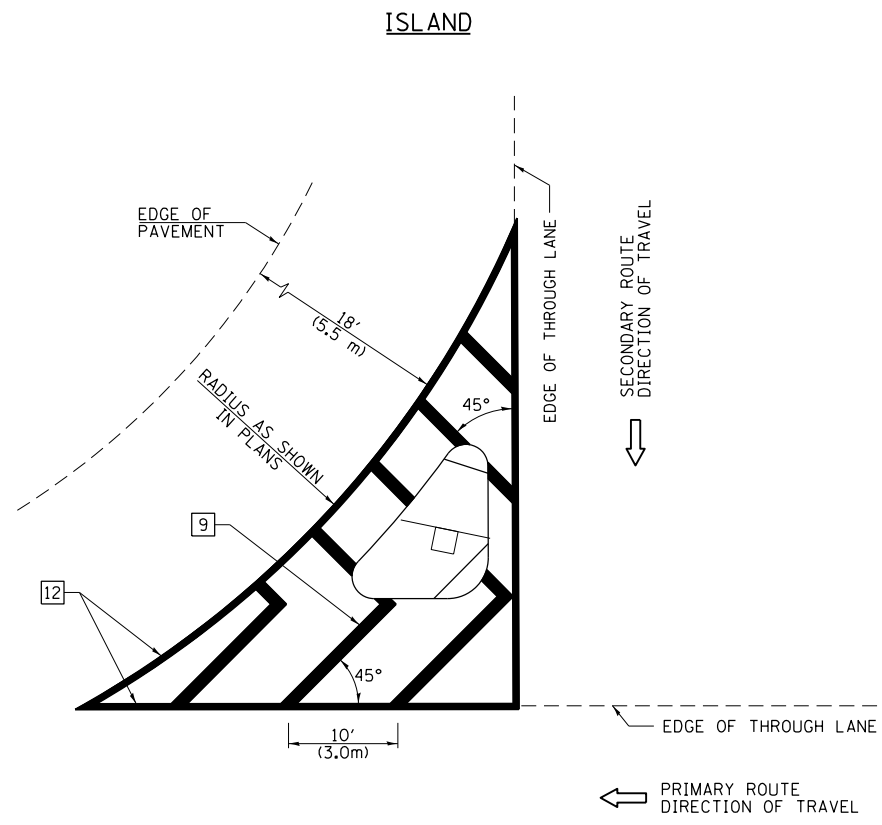
**TYPICAL DOUBLE  
TURN ARROWS (WHITE)**

NOT TO SCALE

Note: All dimensions are in INCHES  
(millimeters) unless otherwise shown.

**DISTRICT 7 DETAIL NO. 7800001**

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\7449\Drawings\CADsheets\0774419-shd-details.dwg	PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -			832	(113,113Z)RS-4	Clark	40	37	
	PLOT DATE = 10/19/2018	DATE -	REVISED -			CONTRACT NO. 74419		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.		

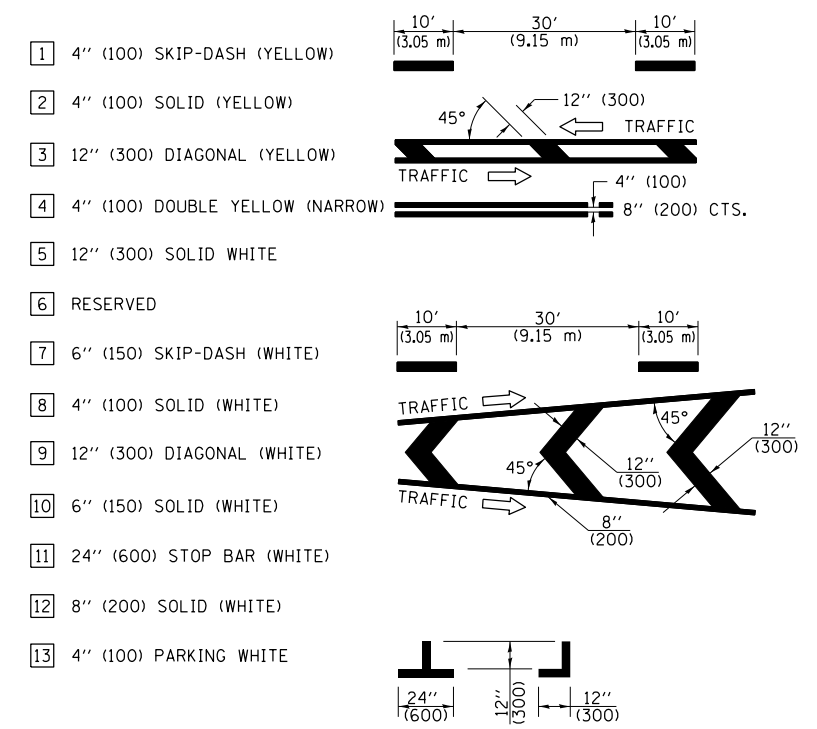


**GENERAL NOTES**

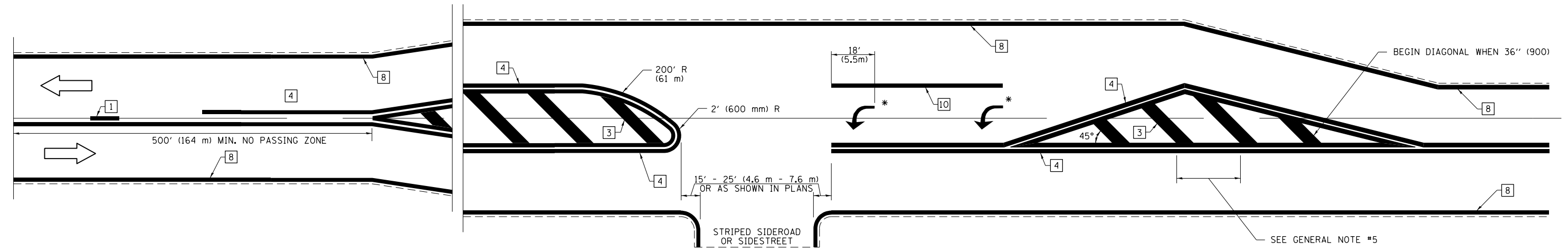
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:
 

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

**PAVEMENT MARKING LEGEND**



**RURAL LEFT TURN STRIPING**



\* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE  
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 7 DETAIL NO. 7800001**

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT DATE = 10/19/2018	DATE -	REVISED -

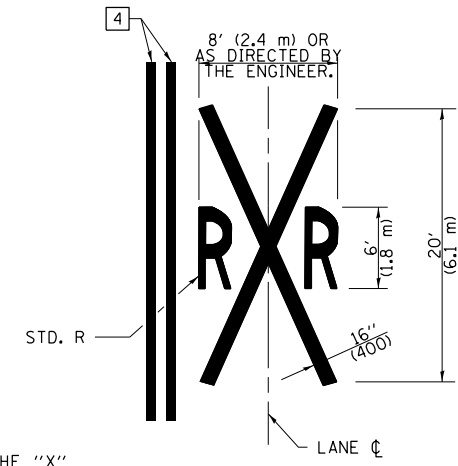
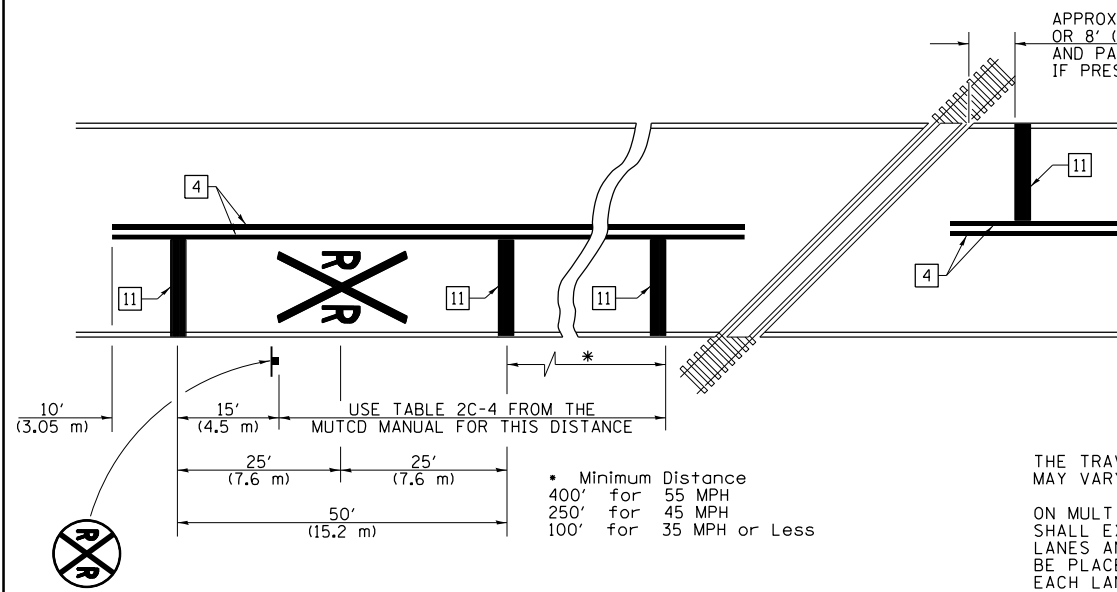
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
832	(113,113Z)RS-4	Clark	40	38
CONTRACT NO. 74419				ILLINOIS FED. AID PROJECT

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

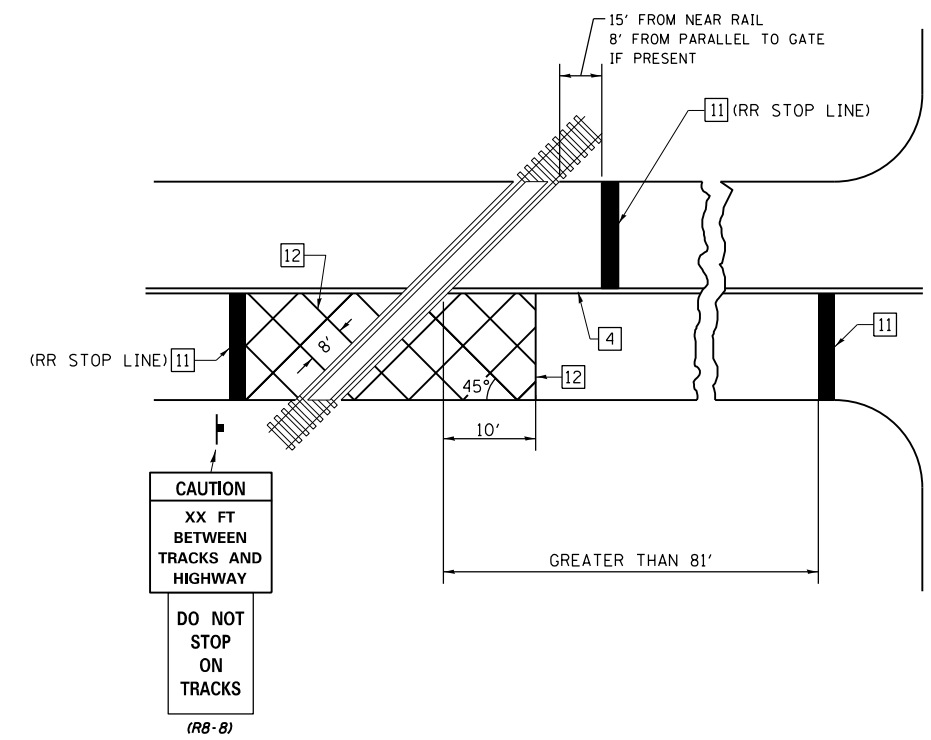
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

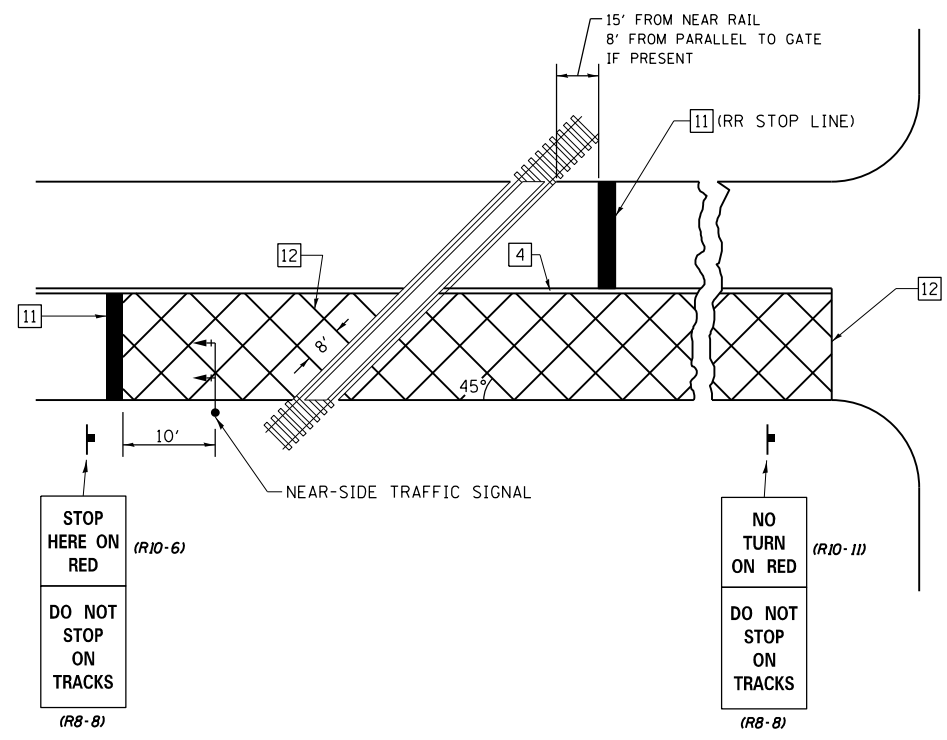
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
  - 2 4" (100) SOLID (YELLOW)
  - 3 12" (300) DIAGONAL (YELLOW)
  - 4 4" (100) DOUBLE YELLOW (NARROW)
  - 5 12" (300) SOLID WHITE
  - 6 RESERVED
  - 7 6" (150) SKIP-DASH (WHITE)
  - 8 4" (100) SOLID (WHITE)
  - 9 12" (300) DIAGONAL (WHITE)
  - 10 6" (150) SOLID (WHITE)
  - 11 24" (600) STOP BAR (WHITE)
  - 12 8" (200) SOLID (WHITE)
  - 13 4" (100) PARKING WHITE
- 

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

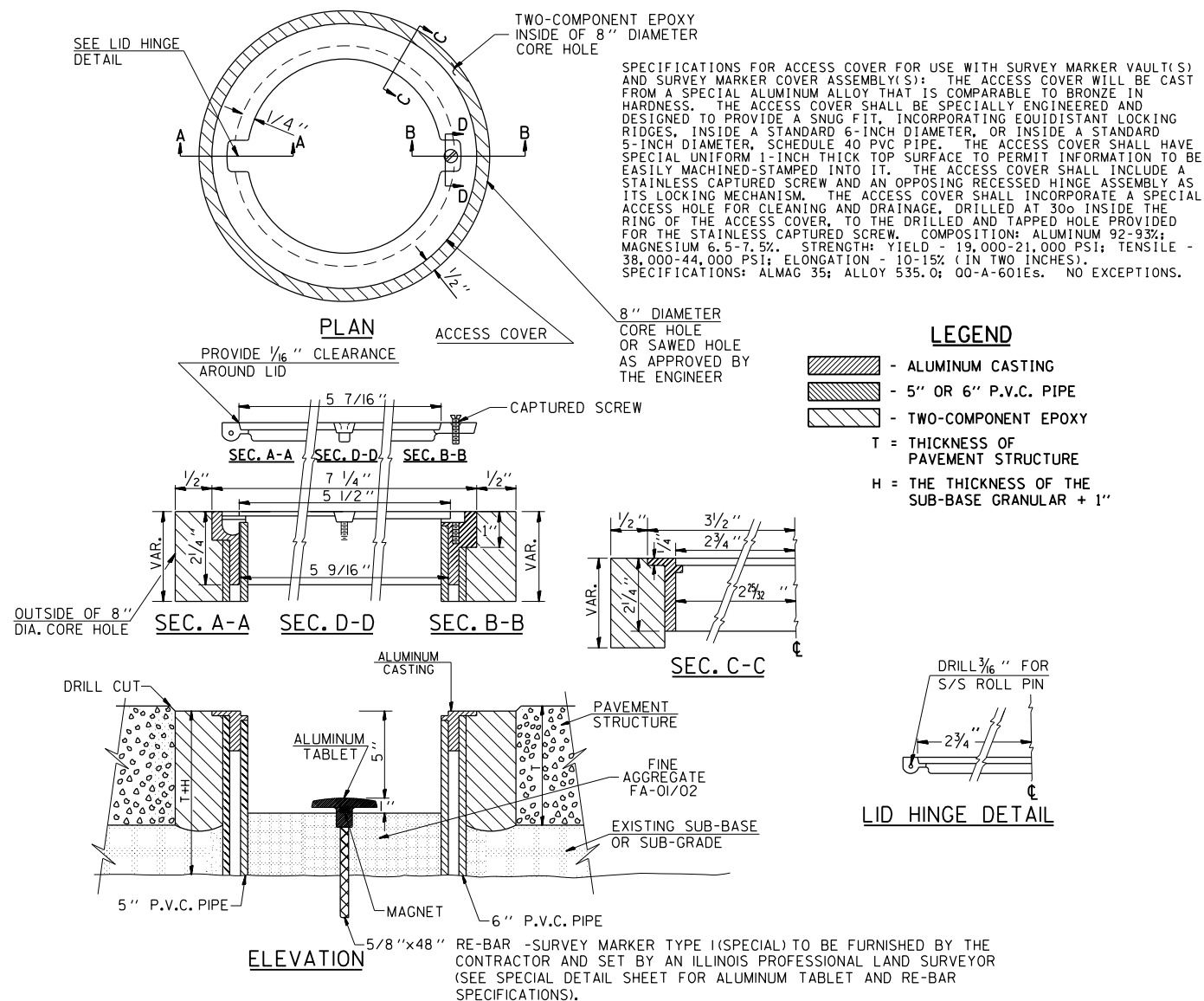
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\744\DRAWING\CADsheets\0774419-shd-details.dwg		CHECKED -	REVISED -			832	(113,113Z)RS-4	Clark	40	39	
		DATE -	REVISED -			CONTRACT NO. 74419		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET NO. 4 OF 4 SHEETS	STA.	TO STA.		

# DETAIL OF PERMANENT SURVEY MARKER VAULT

## FOR RESET LAND SURVEY MONUMENTS IN RIGID AND COMPODSITE PAVEMENTS



### GENERAL NOTES

1. ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" P.V.C. PIPE OR INSIDE OF A 6" P.V.C. PIPE.
2. BACKFILL WITH SELECT MATERIAL AS DIRECTED BY THE ENGINEER.
3. TO PREVENT DAMAGE TO THE TOP OF THE 5/8" Ø RE-BAR, AN APPROVED RE-BAR DRIVER SHALL BE USED.
4. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF CLASS I HAS BEEN COMPLETED.
5. SEE SPECIAL PROVISION "PRESERVATION OF LAND SURVEY MONUMENTS".
5. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING DRILLING, EPOXY AND BACKFILL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. THE 8" DIAMETER CASTING SHALL BE ANCHORED IN THE CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 718.08 OF THE STANDARD SPECIFICATIONS.
7. ALL PERMANENT SURVEY MARKERS (SPECIAL) SHALL BE PLACED 1/4" (±) BELOW THE FINAL SURFACE.
8. THE 8" DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

### BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS,  
5" OR 6" Ø P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET,  
STAMPED IN ACCORDANCE WITH STANDARD 2135.  
5/8" Ø x 48" RE-BAR, EPOXY, BACKFILL.

FILE NAME =	USER NAME = steffenmk	DESIGNED - A.W.H.	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL OF PERMANENT SURVEY MARKER VAULT</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
						832	(113,113Z)RS-4	Clark	40	40		
						CONTRACT NO. 74419						
						ILLINOIS FED. AID PROJECT						
						SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.