

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16) Z RS-2	LAWRENCE	63	1
		ILLINOIS	CONTRACT NO. 74473	

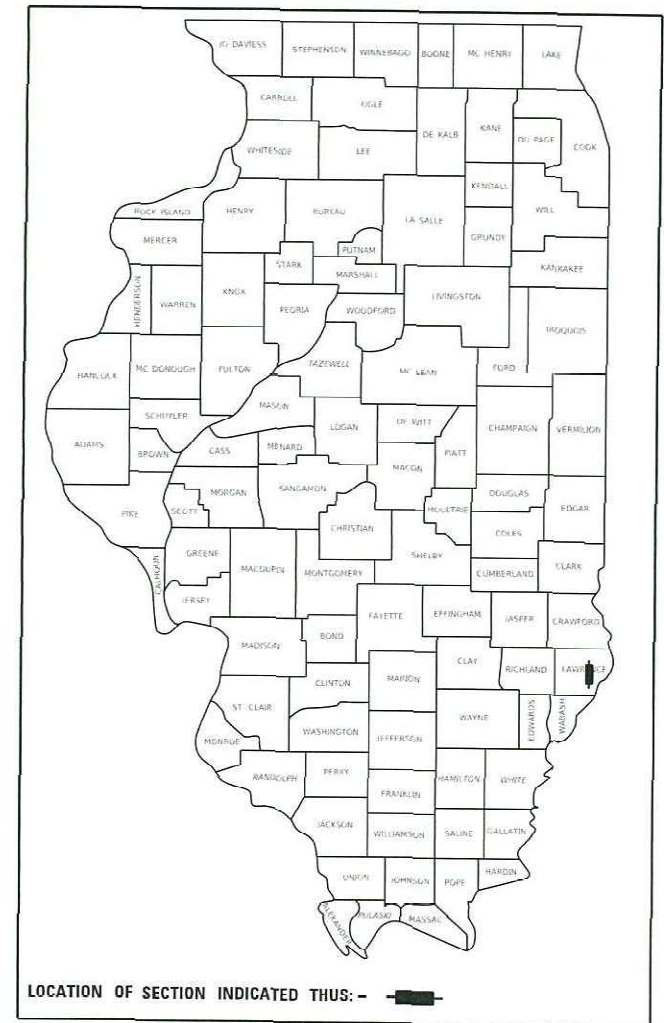
FOR INDEX OF SHEETS, SEE SHEET NO. 2

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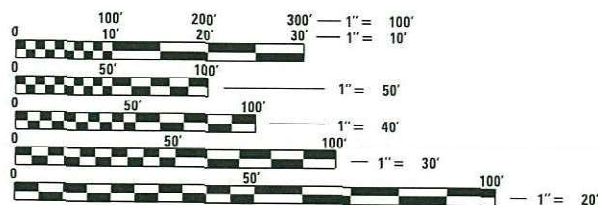
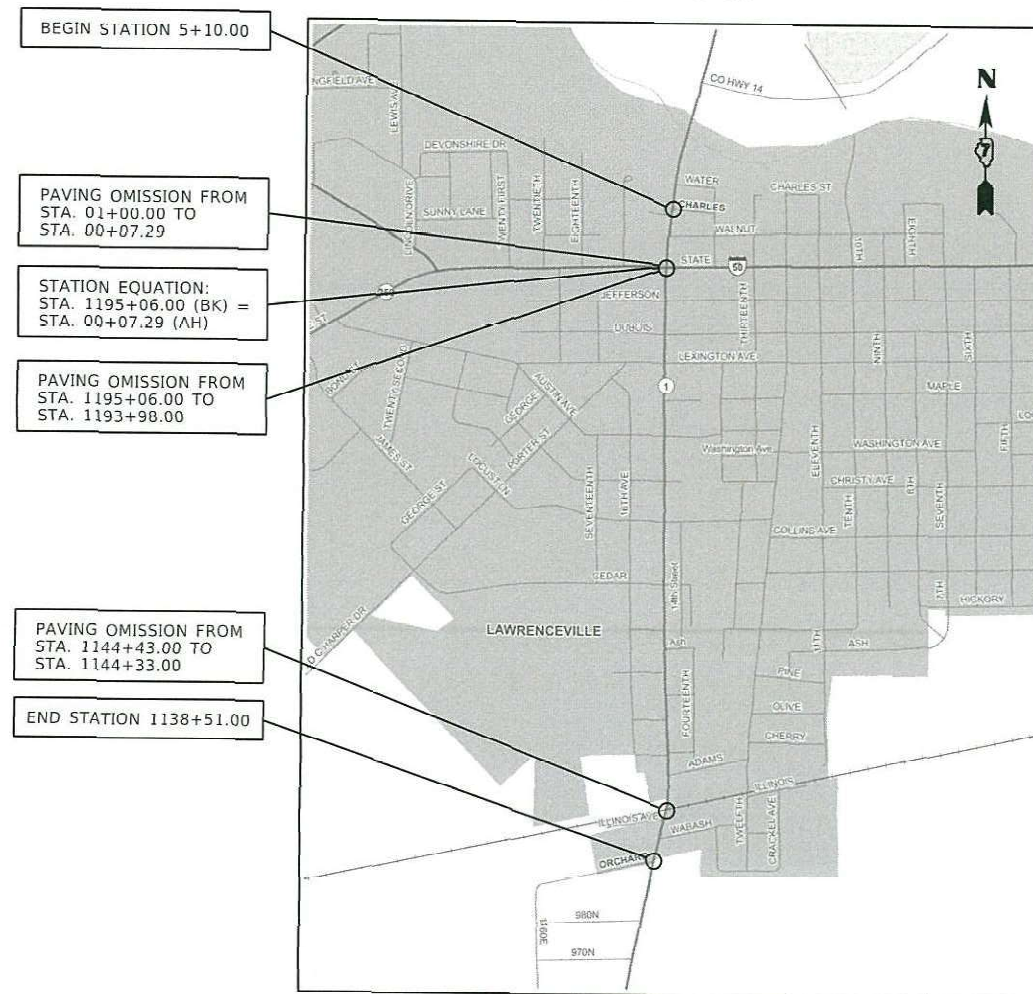
PROPOSED HIGHWAY PLANS

FAP ROUTE 332 (ILL RTE 1)
SECTION (15, 16)Z RS-2
PROJECT NHPP-HGA2 (856)
STANDARD OVERLAY, ADA IMPROVEMENTS
LAWRENCE COUNTY

D-97-056-10



C-97-115-10



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 EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: THOMAS RONAN
PROJECT MANAGER: HANNAH DAVIDSON
PHONE: (217) 342-8320
CONTRACT NO. 74473

GROSS LENGTH = 6,157.71 FT. = 1.166 MILE
NET LENGTH = 5,947.00 FT. = 1.126 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 10 2021

Jeffrey P. Myrland
REGIONAL ENGINEER

May 13, 2022 [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022 [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, LIST OF STANDARDS, AND GENERAL NOTES
3 - 7	SUMMARY OF QUANTITIES
8 - 10	TYPICAL SECTIONS
11 - 14	SCHEDULE OF QUANTITIES
15 - 17	TIE POINT DETAILS
18 - 20	ROUTE 1 PLAN SHEETS
21 - 22	PAVING DETAIL
23 - 24	PAVEMENT MARKING DETAILS
25 - 26	ADVANCED DETECTOR LOOP DETAILS
27 - 34	TRAFFIC SIGNAL DETAILS
35 - 59	ADA DETAILS
60 - 63	DISTRICT DETAILS

LIST OF STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442101-09	CLASS B PATCHES
604051-04	FRAME AND GRATE, TYPE 11
606001-08	CONCRETE CURB, TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720006-04	SIGN PANEL ERECTION DETAILS
720016-04	MAST ARM MOUNTED STREET NAME SIGNS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUND & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	POLE 16' THROUGH 55'
880001-01	CONCRETE FOUNDATION DETAILS
880006-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
886001-01	TRAFFIC SIGNAL MOUNTING DETAILS
886006-01	DETECTOR LOOP INSTALLATIONS
420001-10	TYPICAL LAYOUT FOR DETECTION LOOPS
470701-03	PAVEMENT JOINTS
720001-01	PAVEMENT WELDED WIRE REINFORCEMENT
780001-05	SIGN PANEL MOUNTING DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER A MINIMUM OF 48 HOURS PRIOR TO A QUALITY CONTROL FOR PERFORMANCE (QCP) START-UP.

VIBRATORY ROLLERS IN DYNAMIC MODE WILL NOT BE PERMITTED WITHIN THE CITY LIMITS OF LAWRENCEVILLE. DENSITY REQUIREMENTS MUST STILL BE MET.

SIDEWALK RAMP CURBS POURED MONOLITICALLY WITH SIDEWALK RAMPS ARE PAID FOR AS AS PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH.

THE PROPOSED SIDEWALKS AND SIDEWALK REMOVAL WILL REQUIRE GRADING AND SHAPING TO BLEND THE SIDEWALK IN WITH THE EXISTING TERRAIN TO THE SATISFACTION OF THE ENGINEER. ALL DISTURBED AREAS WILL REQUIRE SEEDING, CLASS 2 AS WELL AS NITROGEN, PHOSPHORUS AND POTASSIUM FERTILIZER NUTRIENTS. THE APPLICATION OF THE REQUIRED SEEDING AND FERTILIZER NUTRIENTS SHALL CONFORM TO ARTICLE 250 OF THE STANDARD SPECIFICATIONS. THE GRADING AND SHAPING, SEEDING AND FERTILIZERS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COSTS OF PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH.

TEMPORARY HMA TAPERS WILL BE REQUIRED IMMEDIATELY AFTER THE HOT-MIX ASPHALT SURFACE REMOVAL OPERATION HAS BEEN PERFORMED AND ANY SUBSEQUENT RESURFACING OPERATION NEEDING TEMPORARY TAPERS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY TAPERS (MIN. 2 FEET IN LENGTH) AT MANHOLES AND VALVE VAULTS. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

MILLING DEPTH IS SPECIFIED AS 2.75 INCHES BUT MAY BE SLIGHTLY ADJUSTED IN THE FIELD TO PREVENT SCABBING.

AFTER MILLING OF THE EXISTING SURFACE, TRAFFIC SHALL NOT BE PERMITTED TO RUN ON SUCH SURFACE FOR MORE THAN 4 DAYS BEFORE BINDER IS OVERLAIN ON THE MILLED SURFACE.

WHEN APPLYING SHORT TERM PAVEMENT MARKINGS, TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE, AND PAINT SHALL BE USED ON MILLED SURFACES.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

HOT-MIX ASPHALT	112 LBS/SQ YD/IN
GRANULAR MATERIAL	2.05 TONS/CU YD

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	QUALITY MANAGEMENT
POLYMERIZED HMA SURFACE COURSE, MIX "D", N90 (1 1/2")	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	QCP
POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90, (1 1/4")	SBS PG 70-22	4.0% @ N=90	IL - 9.5FG	N/A	QCP
INCIDENTAL HMA SURFACING	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	QC/QA

REV. - MS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, LIST OF STANDARDS,
AND GENERAL NOTES**

SCALE: N/A SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	2
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			RURAL			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				0005 (80% FED, 20% STATE)	0021 (100% STATE)	0021 (80% FED, 10% STATE, 10% LOCAL)
35400510	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING	SQ YD	119		119	
	11"					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	13639	13639		
40600990	TEMPORARY RAMP	SQ YD	360	360		
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE,	TON	1415	1415		
	IL-9.5FG, N90					
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,	TON	1698	1698		
	IL-9.5, MIX "D", N90					
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	82	82		
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT,	SQ YD	10		10	
	8 INCH					
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	3134		3134	
42400800	DETECTABLE WARNINGS	SQ FT	279		279	
44000100	PAVEMENT REMOVAL	SQ YD	119		119	
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	20206	20206		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	32		32	

SUMMARY OF QUANTITIES			RURAL			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				0005 (80% FED, 20% STATE)	0021 (100% STATE)	0021 (80% FED, 10% STATE, 10% LOCAL)
44000300	CURB REMOVAL	FOOT	80		80	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	499		499	
44000600	SIDEWALK REMOVAL	SQ FT	2302		2302	
44200050	WELDED WIRE REINFORCEMENT	SQ YD	721	721		
44200978	CLASS B PATCHES, TYPE I, 11 INCH	SQ YD	10	10		
44200982	CLASS B PATCHES, TYPE II, 11 INCH	SQ YD	73	73		
44200986	CLASS B PATCHES, TYPE III, 11 INCH	SQ YD	137	137		
44200988	CLASS B PATCHES, TYPE IV, 11 INCH	SQ YD	584	584		
44201297	DOWEL BARS 1"	EACH	975	975		
44213200	SAW CUTS	FOOT	2726	2726		
44213204	TIE BARS 3/4"	EACH	308	308		
60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME	EACH	3		3	
	AND GRATE					
60600605	CONCRETE CURB, TYPE B	FOOT	84		84	

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	3
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			RURAL			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				0005 (80% FED, 20% STATE)	0021 (100% STATE)	0021 (80% FED, 10% STATE, 10% LOCAL)
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	292		292	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	157		157	
60626500	TRANSITIONAL COMBINATION CONCRETE CURB AND GUTTER	FOOT	74		74	
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	22	22		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	45	45		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1		
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	6	6		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	6	6		
67100100	MOBILIZATION	L SUM	1	1		

SUMMARY OF QUANTITIES			RURAL			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				0005 (80% FED, 20% STATE)	0021 (100% STATE)	0021 (80% FED, 10% STATE, 10% LOCAL)
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	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		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1765	1765		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	197	197		
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	123	123		
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	2347	2347		
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	356	356		
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	130	130		
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	126	126		

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SCALE: N/A	SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 4
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

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SUMMARY OF QUANTITIES			RURAL			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
				0005 (80% FED, 20% STATE)	0021 (100% STATE)	0021 (80% FED, 10% STATE, 10% LOCAL)
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	123	123		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2347	2347		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	356	356		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	130	130		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	126	126		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	74	74		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	74	74		
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1463	1463		
* 81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	32		32	
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	55		55	
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	71		71	
* 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	160		160	
* 81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	16		16	

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				0005 (80% FED, 20% STATE)	0021 (100% STATE)	0021 (80% FED, 10% STATE, 10% LOCAL)
* 81400100	HANDHOLE	EACH	4		4	
* 81500100	GULFBOX JUNCTION	EACH	1		1	
* 85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1		1	
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	793		793	
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	870		870	
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	112		112	
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	214	13	201	
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	62		62	
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	373		373	
* 87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1		1	
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	5		5	
* 87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	4		4	

* SPECIALTY ITEM

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	5
CONTRACT NO. 74473			ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES			RURAL			
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				0005 (80% FED, 20% STATE)	0021 (100% STATE)	0021 (80% FED, 10% STATE, 10% LOCAL)
* 87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1			1
* 87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1			1
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18			18
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5			3.5
* 87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	22			22
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4			4
* 88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4			4
* 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4			4
* 88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2			2
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	14			14

SUMMARY OF QUANTITIES			RURAL			
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				0005 (80% FED, 20% STATE)	0021 (100% STATE)	0021 (80% FED, 10% STATE, 10% LOCAL)
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	4			4
* 88600100	DETECTOR LOOP, TYPE I	FOOT	282	58		224
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	8			8
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1
* 89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1			1
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1
* 89502380	REMOVE EXISTING HANDHOLE	EACH	3			3
* 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1			1
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5			5
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	529	529		
X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	3		3	
X4060995	TEMPORARY RAMP, SPECIAL	SQ YD	888	888		
X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	28		28	

* SPECIALTY ITEM

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RURAL

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 (80% FED, 20% STATE)	0021 (100% STATE)	0021 (80% FED, 10% STATE, 10% LOCAL)
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	123	123		
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	2347	2347		
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	356	356		
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	130	130		
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	126	126		
* X8050115	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1			1
40600370	LONGITUDINAL JOINT SEALANT	FOOT	5947	5947		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	22	22		

* SPECIALTY ITEM

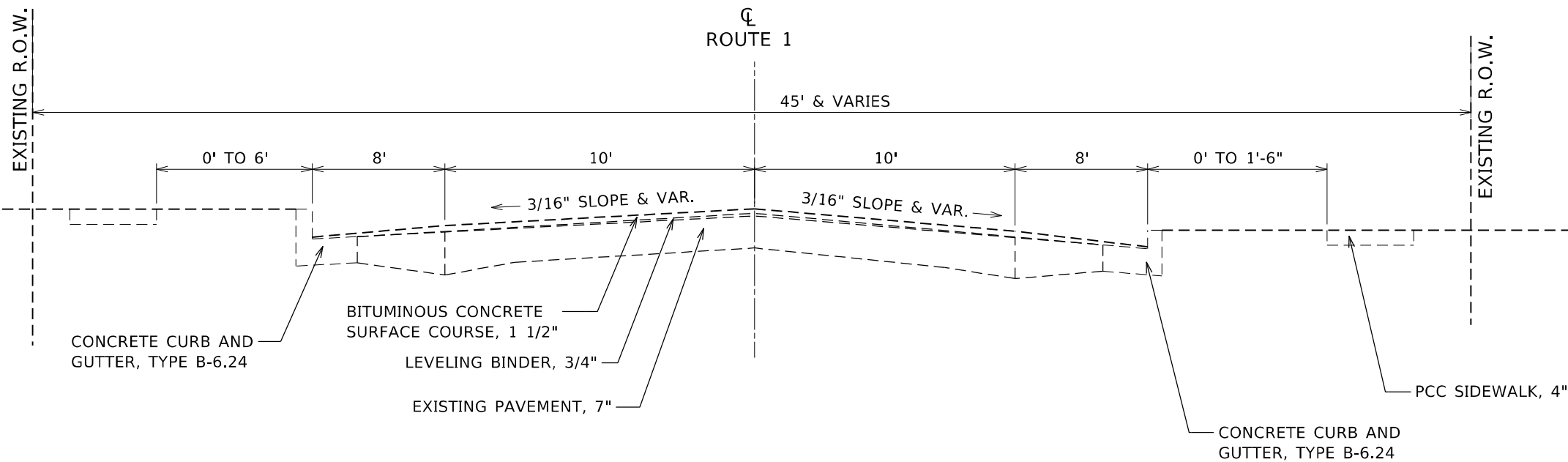
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -					332	(15, 16)Z RS-2	LAWRENCE	63	7
PLOT DATE = 3/12/2021	CHECKED -	REVISED -		SCALE: N/A	SHEET 5 OF 5 SHEETS	STA. TO STA.	CONTRACT NO. 74473				
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

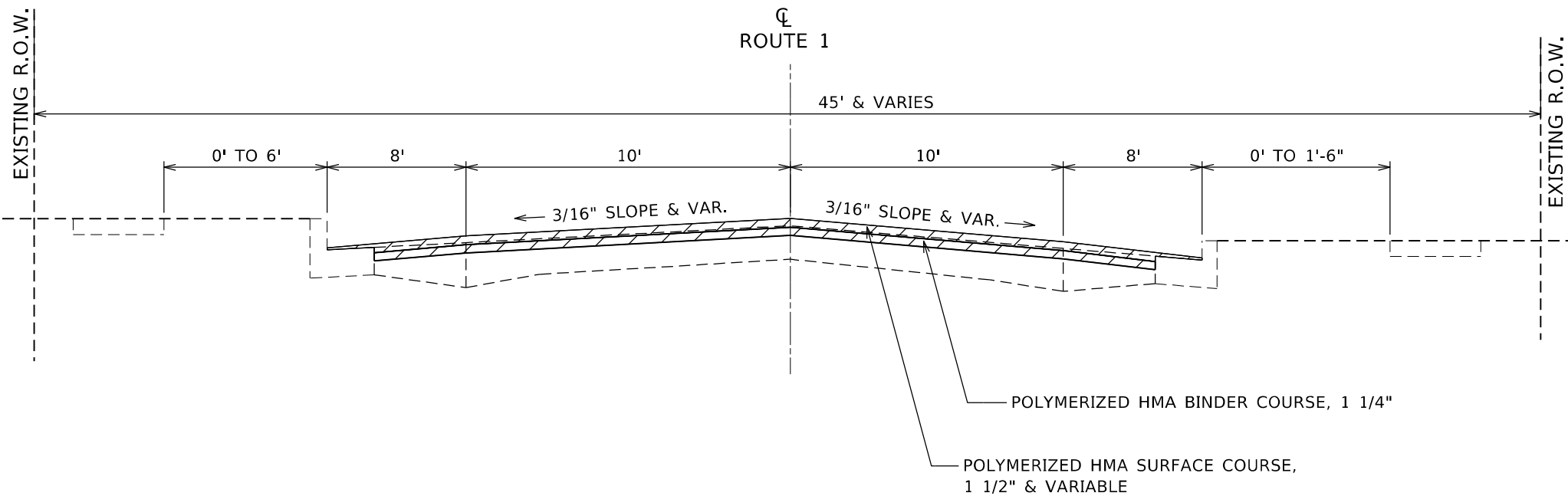
EXISTING TYPICAL CROSS SECTION ①

STATION TO STATION
5+10.00 1185+88.18



PROPOSED TYPICAL CROSS SECTION ①

STATION TO STATION
5+10.00 1185+88.18



HMA SURFACE REMOVAL, 2 3/4"

NOTE: NOT DRAWN TO SCLAE

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PLOT DATE = 3/12/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

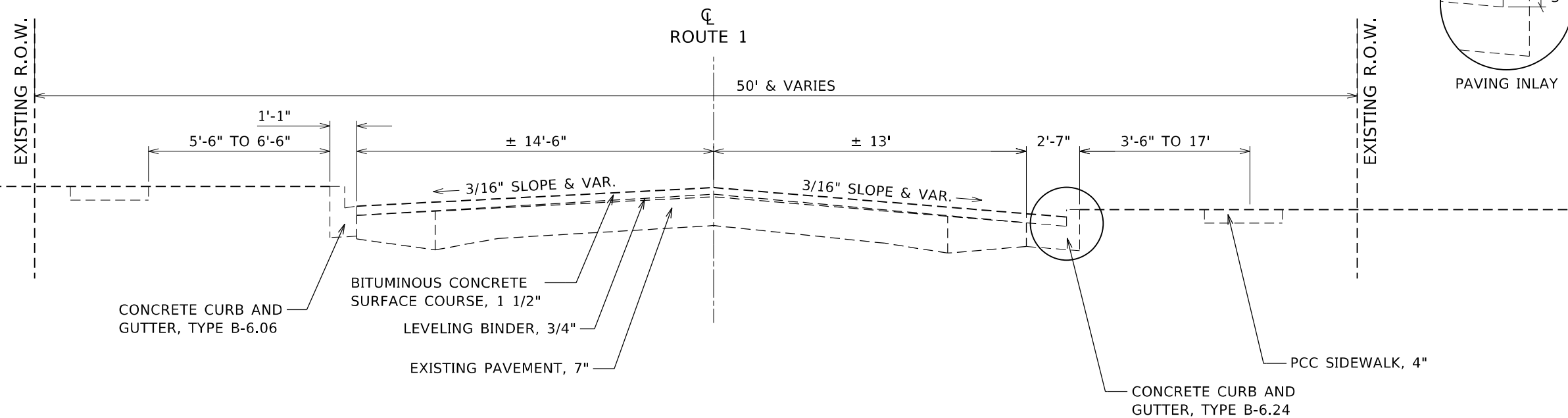
TYPICAL CROSS SECTIONS

SCALE: N/A SHEET 1 OF 3 SHEETS STA. 5+10.00 TO STA. 1185+88.18

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)ZRS-2	LAWRENCE	63	8
			CONTRACT NO. 74473	
ILLINOIS FED. AID PROJECT				

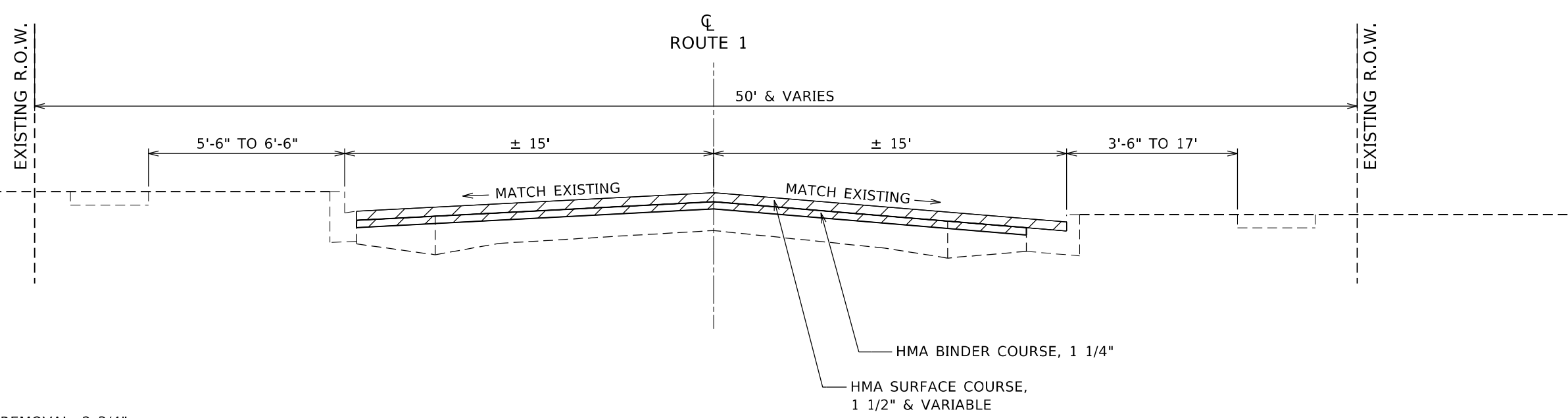
EXISTING TYPICAL CROSS SECTION ②

STATION TO STATION
1185+88.18 1147+32.19



PROPOSED TYPICAL CROSS SECTION ②

STATION TO STATION
1185+88.18 1147+32.19



HMA SURFACE REMOVAL, 2 3/4"

NOTE: NOT DRAWN TO SCLAE

MODEL: Default
 FILE NAME: p:\pub\harronm.dwt\illinois\pwr\PROJECTS\DOT Documents\DOT Office\Drawings\74473\Drawings\typical.dwg

USER NAME = steffenmk	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/12/2021	CHECKED -	REVISED -
	DATE -	REVISED -

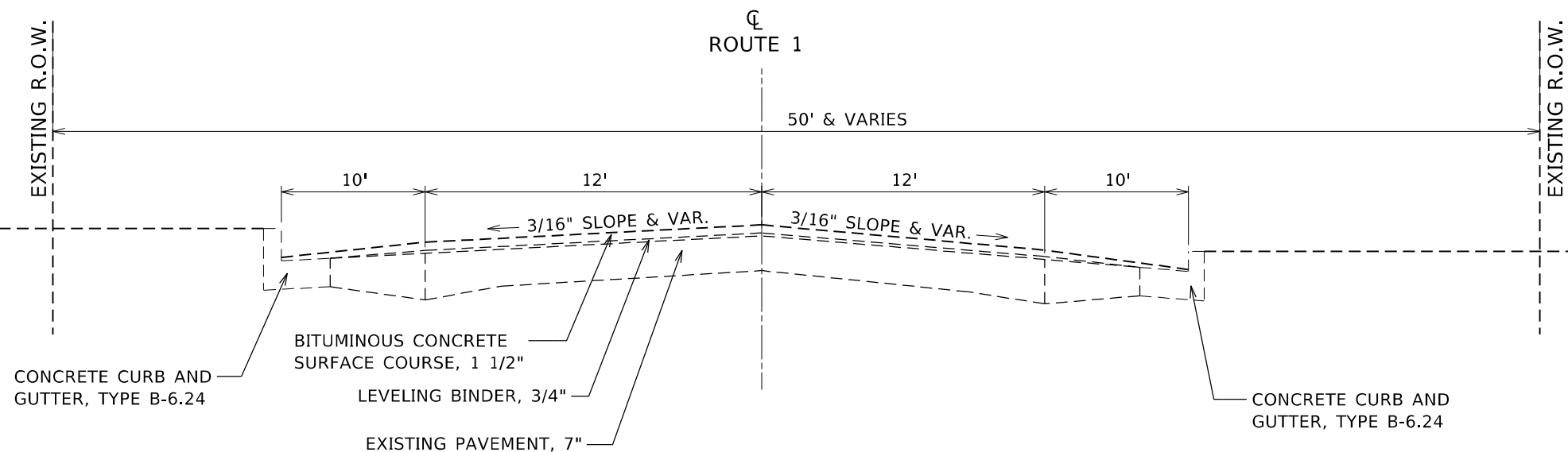
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS
SCALE: N/A SHEET 2 OF 3 SHEETS STA. 1185+88.18 TO STA. 1147+32.19

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)ZRS-2	LAWRENCE	63	9
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

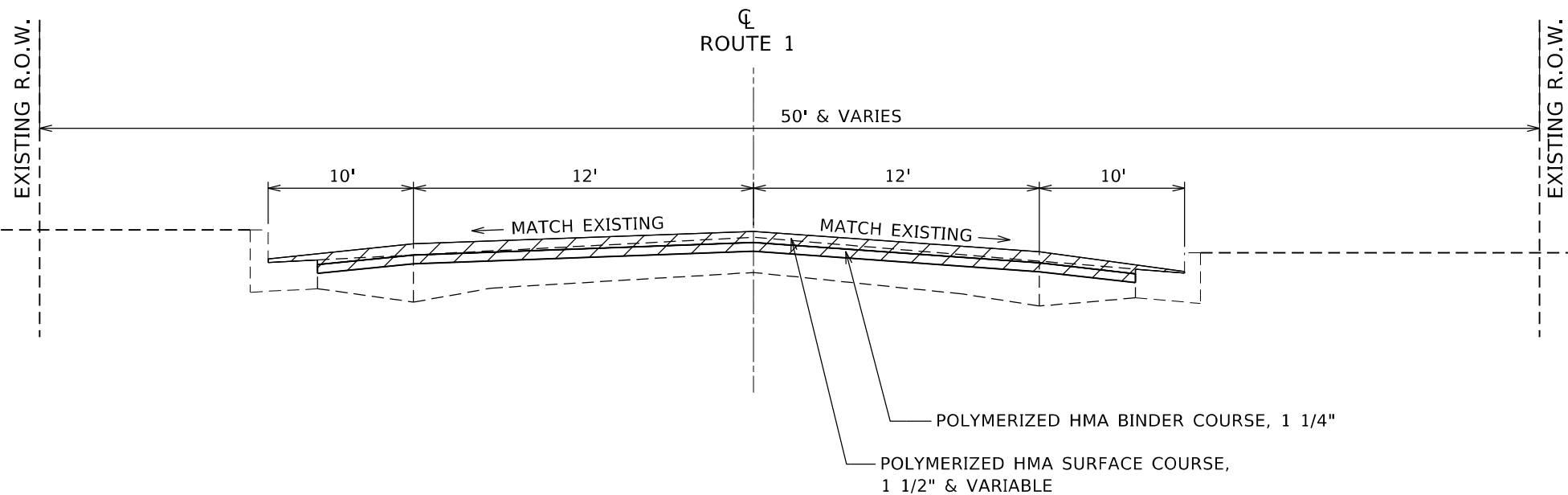
EXISTING TYPICAL CROSS SECTION ③

STATION TO STATION
1147+32.19 1138+51.00



PROPOSED TYPICAL CROSS SECTION ③

STATION TO STATION
1147+32.19 1138+51.00



 HMA SURFACE REMOVAL, 2 3/4"

NOTE: NOT DRAWN TO SCLAE

MODEL: Default
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USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: N/A SHEET 3 OF 3 SHEETS STA. 1147+32.19 TO STA. 1138+51.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)ZRS-2	LAWRENCE	63	10
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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TEMPORARY RAMP, SPECIAL SCHEDULE						
STATION	LT/RT	TYPE	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	TEMPORARY RAMP, SPECIAL (SQ YD)
04+92.00	LT	PRA	28.0	2.0	6.2	6.2
04+22.00	RT	PE	38.0	2.0	8.4	8.4
04+25.00	LT	PE	16.0	2.0	3.6	3.6
03+07.00	RT	PRA	31.0	2.0	6.9	6.9
02+98.00	LT	CE	33.0	2.0	7.3	7.3
02+39.00	RT	CE	51.0	2.0	11.3	11.3
01+33.00	LT	CE	33.0	2.0	7.3	7.3
1194+13.00	LT	CE	18.0	2.0	4.0	4.0
1193+68.00	RT	PE	36.0	2.0	8.0	8.0
1193+36.00	RT	PE	19.0	2.0	4.2	4.2
1192+73.00	LT	CE	54.0	2.0	12.0	12.0
1192+00.00	RT	PRA	45.0	2.0	10.0	10.0
1191+89.00	LT	PRA	51.0	2.0	11.3	11.3
1191+03.00	LT	CE	34.0	2.0	7.6	7.6
1190+93.00	RT	PE	20.0	2.0	4.4	4.4
1190+32.00	RT	PE	13.0	2.0	2.9	2.9
1189+67.00	RT	PE	22.0	2.0	4.9	4.9
1189+78.00	LT	PE	14.0	2.0	3.1	3.1
1188+77.00	RT	PRA	45.0	2.0	10.0	10.0
1188+77.00	LT	PRA	47.0	2.0	10.4	10.4
1187+97.00	LT	PE	13.0	2.0	2.9	2.9
1187+26.00	RT	CE	36.0	2.0	8.0	8.0
1187+26.00	LT	CE	39.0	2.0	8.7	8.7
1186+50.00	RT	CE	41.0	2.0	9.1	9.1
1186+00.00	RT	PRA	45.0	2.0	10.0	10.0
1186+00.00	LT	PRA	45.0	2.0	10.0	10.0
1184+67.00	RT	CE	34.0	2.0	7.6	7.6
1184+35.00	LT	PE	39.0	2.0	8.7	8.7
1184+25.00	RT	PE	22.0	2.0	4.9	4.9
1183+62.00	RT	PE	15.0	2.0	3.3	3.3
1182+99.00	LT	PE	25.0	2.0	5.6	5.6
1182+55.00	RT	PRA	30.0	2.0	6.7	6.7
1182+33.00	LT	PE	12.0	2.0	2.7	2.7
1181+78.00	RT	CE	37.0	2.0	8.2	8.2
1181+28.00	LT	PE	12.0	2.0	2.7	2.7
1180+77.00	RT	CE	24.0	2.0	5.3	5.3
1180+60.00	LT	PE	13.0	2.0	2.9	2.9
1179+82.00	LT	CE	26.0	2.0	5.8	5.8
1179+20.00	LT	PRA	50.0	2.0	11.1	11.1
1179+07.00	RT	PRA	27.0	2.0	6.0	6.0
1178+59.00	RT	CE	43.0	2.0	9.6	9.6
1178+28.00	LT	PE	15.0	2.0	3.3	3.3
1178+03.00	RT	CE	30.0	2.0	6.7	6.7

TEMPORARY RAMP, SPECIAL SCHEDULE (CONT'D)						
STATION	LT/RT	TYPE	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	TEMPORARY RAMP, SPECIAL (SQ YD)
1177+63.00	RT	PE	19.0	2.0	4.2	4.2
1177+10.00	LT	PE	13.0	2.0	2.9	2.9
1176+92.00	RT	PE	24.0	2.0	5.3	5.3
1176+48.00	LT	PE	13.0	2.0	2.9	2.9
1176+34.00	RT	PE	20.0	2.0	4.4	4.4
1175+88.00	LT	PE	13.0	2.0	2.9	2.9
1174+90.00	RT	PRA	45.0	2.0	10.0	10.0
1174+90.00	LT	PRA	38.0	2.0	8.4	8.4
1174+03.00	RT	PE	13.0	2.0	2.9	2.9
1174+02.00	LT	PE	13.0	2.0	2.9	2.9
1173+50.00	RT	PE	13.0	2.0	2.9	2.9
1173+39.00	LT	PE	13.0	2.0	2.9	2.9
1172+41.00	RT	PE	29.0	2.0	6.4	6.4
1171+85.00	LT	PE	19.0	2.0	4.2	4.2
1171+04.00	RT	PRA	41.0	2.0	9.1	9.1
1171+04.00	LT	PRA	42.0	2.0	9.3	9.3
1170+13.00	RT	PE	17.0	2.0	3.8	3.8
1169+60.00	RT	PE	16.0	2.0	3.6	3.6
1169+60.00	LT	PE	16.0	2.0	3.6	3.6
1169+04.00	LT	PE	13.0	2.0	2.9	2.9
1168+58.00	RT	PE	26.0	2.0	5.8	5.8
1168+49.00	LT	PE	13.0	2.0	2.9	2.9
1167+95.00	LT	PE	13.0	2.0	2.9	2.9
1167+52.00	RT	PE	16.0	2.0	3.6	3.6
1166+94.00	RT	PE	30.0	2.0	6.7	6.7
1166+92.00	LT	PE	13.0	2.0	2.9	2.9
1166+29.00	RT	PE	17.0	2.0	3.8	3.8
1165+07.00	LT	PE	14.0	2.0	3.1	3.1
1165+10.00	RT	PRA	43.0	2.0	9.6	9.6
1165+10.00	LT	PRA	34.0	2.0	7.6	7.6
1164+24.00	RT	PE	19.0	2.0	4.2	4.2
1163+63.00	LT	PE	12.0	2.0	2.7	2.7
1163+17.00	RT	PE	19.0	2.0	4.2	4.2
1162+89.00	LT	PE	11.0	2.0	2.4	2.4
1162+55.00	RT	PE	28.0	2.0	6.2	6.2
1161+88.00	RT	PE	23.0	2.0	5.1	5.1
1161+79.00	LT	PE	10.0	2.0	2.2	2.2
1161+31.00	RT	PE	22.0	2.0	4.9	4.9
1160+85.00	LT	PRA	52.0	2.0	11.6	11.6
1160+28.00	RT	PE	29.0	2.0	6.4	6.4
1159+95.00	LT	PE	10.0	2.0	2.2	2.2
1159+43.00	LT	PE	10.0	2.0	2.2	2.2
1159+04.00	RT	PRA	31.0	2.0	6.9	6.9
1158+96.00	LT	PE	10.0	2.0	2.2	2.2

TEMPORARY RAMP, SPECIAL SCHEDULE (CONT'D)						
STATION	LT/RT	TYPE	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	TEMPORARY RAMP, SPECIAL (SQ YD)
1158+61.00	RT	CE	43.0	2.0	9.6	9.6
1157+88.00	RT	CE	28.0	2.0	6.2	6.2
1157+95.00	LT	PE	11.0	2.0	2.4	2.4
1157+34.00	RT	PE	31.0	2.0	6.9	6.9
1156+79.00	LT	PRA	44.0	2.0	9.8	9.8
1156+61.00	RT	PE	35.0	2.0	7.8	7.8
1156+05.00	RT	PE	29.0	2.0	6.4	6.4
1156+05.00	LT	PE	10.0	2.0	2.2	2.2
1155+54.00	LT	PE	10.0	2.0	2.2	2.2
1154+67.00	RT	PRA	36.0	2.0	8.0	8.0
1154+59.00	LT	PE	28.0	2.0	6.2	6.2
1154+03.00	LT	PE	10.0	2.0	2.2	2.2
1153+61.00	RT	PE	21.0	2.0	4.7	4.7
1152+98.00	RT	PE	18.0	2.0	4.0	4.0
1152+42.00	LT	PRA	46.0	2.0	10.2	10.2
1152+33.00	RT	PE	27.0	2.0	6.0	6.0
1151+41.00	RT	PE	28.0	2.0	6.2	6.2
1150+74.00	LT	PE	67.0	2.0	14.9	14.9
1150+71.00	RT	PE	21.0	2.0	4.7	4.7
1150+33.00	RT	PE	24.0	2.0	5.3	5.3
1149+77.00	LT	CE/PE	87.0	2.0	19.3	19.3
1149+19.00	RT	PRA	45.0	2.0	10.0	10.0
1149+00.00	LT	PRA	52.0	2.0	11.6	11.6
1147+88.00	RT	CE/PE	67.0	2.0	14.9	14.9
1147+15.00	LT	CE/PE	162.0	2.0	36.0	36.0
1147+07.00	RT	PRA	43.0	2.0	9.6	9.6
1146+51.00	RT	CE	141.0	2.0	31.3	31.3
1145+95.00	LT	CE/PE	26.0	2.0	5.8	5.8
1145+14.00	RT	CE	29.0	2.0	6.4	6.4
1144+94.00	LT	PE	22.0	2.0	4.9	4.9
1143+89.00	RT	PE	48.0	2.0	10.7	10.7
1142+92.00	RT	CE	25.0	2.0	5.6	5.6
1142+82.00	LT	PRA	38.0	2.0	8.4	8.4
1142+33.00	RT	CE	31.0	2.0	6.9	6.9
1142+15.00	LT	CE	30.0	2.0	6.7	6.7
1141+67.00	RT	CE	32.0	2.0	7.1	7.1
1141+39.00	LT	CE	35.0	2.0	7.8	7.8
1141+14.00	RT	PRA	35.0	2.0	7.8	7.8
1141+06.00	LT	PRA	22.0	2.0	4.9	4.9
1140+43.00	LT	PE	37.0	2.0	8.2	8.2
1139+80.00	LT	PE	39.0	2.0	8.7	8.7
1138+92.00	RT	CE	82.0	2.0	18.2	18.2
1138+82.00	LT	PRA	44.0	2.0	9.8	9.8
					TOTAL	888.0

ENTRANCE SCHEDULE								
STATION	LT/RT	TYPE	WIDTH, W1 (FT)	WIDTH, W2 (FT)	LENGTH (FT)	AREA (SQ YD)	INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)	SURFACE REMOVAL VARIABLE DEPTH (SPECIAL) (SQ YD)
1192+00.00	RT	PRA	45.0	22.0	23.0	85.6	13.2	85.6
1191+89.00	LT	PRA	51.0	25.0	20.0	84.4	13.0	84.4
1188+77.00	RT	PRA	47.0	23.0	19.0	73.9	11.4	73.9
1188+77.00	LT	PRA	45.0	18.0	22.0	77.0	11.9	77.0
1186+00.00	RT	PRA	45.0	25.0	31.0	120.6	18.5	120.6
1186+00.00	LT	PRA	45.0	26.0	22.0	86.8	13.4	86.8
						TOTAL	82.0	529.0

USER NAME = stefnrmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	11
			CONTRACT NO. 74473	
		ILLINOIS FED. AID PROJECT		

PAVING SCHEDULE											
STATION	TO	STATION	(FT)	(FT)	(FT)	(SQ YD)	(SQ YD)	(POUND)	(TON)	(TON)	(FOOT)
05+10.00		03+00.00	210.0	20.0	12.0	746.7	746.7	504.0	52.3	62.7	210.0
03+00.00		01+00.00	200.0	20.0	12.0	711.1	711.1	480.0	49.8	59.7	200.0
01+00.00		00+07.29	92.7								
00+07.29	=	1195+06.00	0.0								
1195+06.00		1193+98.00	108.0								
1193+98.00		1192+00.00	198.0	20.0	12.0	704.0	704.0	475.2	49.3	59.1	198.0
1192+00.00		1189+00.00	300.0	20.0	12.0	1066.7	1066.7	720.0	74.7	89.6	300.0
1189+00.00		1186+62.00	238.0	20.0	12.0	846.2	846.2	571.2	59.2	71.1	238.0
1186+62.00		1185+88.18	73.8	20.0	12.0	262.5	262.5	177.2	18.4	22.0	73.8
1185+88.18		1175+00.00	1088.2	22.0	6.0	3385.4	3385.4	2285.2	237.0	284.4	1088.2
1175+00.00		1165+22.00	978.0	22.0	6.0	3042.7	3042.7	2053.8	213.0	255.6	978.0
1165+22.00		1161+00.00	422.0	22.0	6.0	1312.9	1312.9	886.2	91.9	110.3	422.0
1161+00.00		1147+32.19	1367.8	22.0	6.0	4255.4	4255.4	2872.4	297.9	357.5	1367.8
1147+32.19		1144+43.00	289.2	24.0	16.0	1285.3	1285.3	867.6	90.0	108.0	289.2
1144+43.00		1144+33.00	10.0								
1144+33.00		1141+50.00	283.0	24.0	16.0	1257.8	1257.8	849.0	88.0	105.7	283.0
1141+50.00		1138+51.00	299.0	24.0	16.0	1328.9	1328.9	897.0	93.0	111.6	299.0
						TOTAL	20206.0	13639.0	1415.0	1698.0	5947.0

GROOVING FOR RECESSED PAVEMENT MARKING SCHEDULE								
STATION	TO	STATION	(FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(SQ FT)
05+10.00		03+00.00	210.0	52.5	0.0	0.0	0.0	0.0
03+00.00		01+00.00	200.0	50.0	0.0	0.0	0.0	0.0
01+00.00		00+07.29	92.7					
00+07.29	=	1195+06.00	0.0					
1195+06.00		1193+98.00	108.0					
1193+98.00		1192+00.00	198.0	49.5	0.0	0.0	0.0	0.0
1192+00.00		1189+00.00	300.0	75.0	0.0	0.0	0.0	0.0
1189+00.00		1186+62.00	238.0	59.5	0.0	0.0	0.0	0.0
1186+62.00		1186+32.00	30.0	7.5	0.0	0.0	17.0	0.0
1186+32.00		1185+68.00	64.0	0.0	235.0	0.0	36.5	0.0
1185+68.00		1175+00.00	1068.0	267.0	0.0	0.0	0.0	0.0
1175+00.00		1165+22.00	978.0	244.5	120.5	67.0	0.0	0.0
1165+22.00		1161+00.00	422.0	105.5	0.0	62.5	0.0	0.0
1161+00.00		1148+30.00	1270.0	317.5	0.0	0.0	0.0	0.0
1148+30.00		1147+32.19	97.8	122.3	0.0	0.0	24.0	61.2
1147+32.19		1144+43.00	289.2	361.5	0.0	0.0	12.0	0.0
1144+43.00		1144+33.00	10.0					
1144+33.00		1141+50.00	283.0	353.8	0.0	0.0	12.0	0.0
1141+50.00		1140+19.00	131.0	163.8	0.0	0.0	24.0	61.2
1140+19.00		1139+26.00	93.0	23.3	0.0	0.0	0.0	0.0
1139+26.00		1138+51.00	75.0	93.8	0.0	0.0	0.0	0.0
			TOTAL	2347.0	356.0	130.0	126.0	123.0

PATCHING SCHEDULE											
STATION	DIRECTION	LENGTH	WIDTH	CLASS B PATCHES, TYPE I, 11 INCH	CLASS B PATCHES, TYPE II, 11 INCH	CLASS B PATCHES, TYPE III, 11 INCH	CLASS B PATCHES, TYPE IV, 11 INCH	SAW CUTS	DOWEL BARS 1"	TIE BARS 3/4"	WELDED WIRE REINFORCEMENT
	(NB/SB)	(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(FOOT)	(EACH)	(EACH)	(SQ YD)
05+10.00	SB	22.0	20.0	0.0	0.0	0.0	48.9	126.0	54.0	22.0	48.9
04+85.00	SB	34.0	14.5	0.0	0.0	0.0	54.8	145.5	50.0	34.0	54.8
03+64.00	SB	23.0	11.0	0.0	0.0	0.0	28.1	102.0	27.0	23.0	28.1
02+53.00	SB	17.0	17.0	0.0	0.0	0.0	32.1	102.0	45.0	0.0	32.1
01+58.00	SB	15.5	17.0	0.0	0.0	0.0	29.3	97.5	45.0	0.0	29.3
1191+80.00	SB	8.0	18.0	0.0	0.0	16.0	0.0	78.0	32.0	0.0	16.0
1185+60.00	SB	13.0	21.0	0.0	0.0	0.0	30.3	102.0	38.0	0.0	30.3
1181+84.00	SB	6.5	14.5	0.0	10.5	0.0	0.0	63.0	25.0	0.0	0.0
1181+47.00	SB	15.0	14.5	0.0	0.0	24.2	0.0	88.5	25.0	0.0	24.2
1171+12.00	SB	12.5	15.0	0.0	0.0	20.8	0.0	82.5	26.0	0.0	20.8
1170+73.00	SB	33.0	15.0	0.0	0.0	0.0	55.0	144.0	52.0	33.0	55.0
1170+65.00	SB	7.0	14.5	0.0	11.3	0.0	0.0	64.5	25.0	0.0	0.0
1170+16.00	SB	24.0	14.0	0.0	0.0	0.0	37.3	114.0	36.0	24.0	37.3
1163+88.00	SB	21.0	14.0	0.0	0.0	0.0	32.7	105.0	36.0	21.0	32.7
1161+70.00	SB	46.0	14.0	0.0	0.0	0.0	71.6	180.0	60.0	46.0	71.6
1158+38.00	SB	12.0	14.0	0.0	0.0	18.7	0.0	78.0	24.0	0.0	18.7
1158+06.00	SB	6.0	14.0	0.0	9.3	0.0	0.0	60.0	24.0	0.0	0.0
1157+40.00	SB	73.0	14.0	0.0	0.0	0.0	113.6	261.0	72.0	73.0	113.6
1156+49.00	SB	32.0	14.0	0.0	0.0	0.0	49.8	138.0	48.0	32.0	49.8
1150+29.00	SB	6.0	14.0	0.0	9.3	0.0	0.0	60.0	24.0	0.0	0.0
1191+80.00	NB	8.0	18.0	0.0	0.0	16.0	0.0	78.0	32.0	0.0	16.0
1185+60.00	NB	13.0	16.0	0.0	0.0	23.1	0.0	87.0	28.0	0.0	23.1
1181+47.00	NB	6.0	14.5	0.0	9.7	0.0	0.0	61.5	25.0	0.0	0.0
1170+73.00	NB	11.5	14.0	0.0	0.0	17.9	0.0	76.5	24.0	0.0	17.9
1168+15.00	NB	3.0	14.0	4.7	0.0	0.0	0.0	51.0	24.0	0.0	0.0
1164+25.00	NB	3.0	14.0	4.7	0.0	0.0	0.0	51.0	24.0	0.0	0.0
1161+50.00	NB	9.0	15.5	0.0	14.5	0.0	0.0	70.5	25.0	0.0	0.0
1149+88.00	NB	5.0	14.5	0.0	8.1	0.0	0.0	58.5	25.0	0.0	0.0
			TOTAL	10.0	73.0	137.0	584.0	2726.0	975.0	308.0	721.0

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USER NAME = stefnkmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	12
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE NAME: p:\pub\baronm.dwt
 ILLINOIS DOT
 OFFICE: DISTRICT 7
 PROJECT: 74473
 CAD: 74473-5hcsch.dgn

PAVEMENT MARKING SCHEDULE																				
STATION	TO	STATION	LENGTH (FT)	SHORT TERM PAVEMENT MARKING (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)	TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW - SKIP DASH) (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW - NO PASSING ZONE) (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE - EDGE LINE) (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE - PEDESTRIAN CROSSING) (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 12" (WHITE - DIAGONAL PEDESTRIAN CROSSING) (FOOT)	TEMPORARY PAVEMENT MARKING - LINE 24" (WHITE - STOP BARS) (FOOT)	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS (SQ FT)	TEMPORARY PAVEMENT MARKING REMOVAL (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SQ FT)	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (AMBER) (EACH)	RAISED REFLECTIVE PAVEMENT MARKER (AMBER) (EACH)
05+10.00		03+00.00	210.0	63.0	7.0	52.5	0.0	0.0	0.0	0.0	0.0	0.0	17.5	52.5	0.0	0.0	0.0	0.0	2.6	2.6
03+00.00		01+00.00	200.0	60.0	6.7	50.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	50.0	0.0	0.0	0.0	0.0	2.5	2.5
01+00.00		00+07.29	92.7	INTERSECTION OMISSION: STATE STREET (BUS 50)																
00+07.29	=	1195+06.00	0.0	STATION EQUATION																
1195+06.00		1193+98.00	108.0	INTERSECTION OMISSION, CONT'D																
1193+98.00		1192+00.00	198.0	59.4	6.6	49.5	0.0	0.0	0.0	0.0	0.0	0.0	16.5	49.5	0.0	0.0	0.0	0.0	2.5	2.5
1192+00.00		1189+00.00	300.0	90.0	10.0	75.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	75.0	0.0	0.0	0.0	0.0	3.8	3.8
1189+00.00		1186+62.00	238.0	71.4	7.9	59.5	0.0	0.0	0.0	0.0	0.0	0.0	19.8	59.5	0.0	0.0	0.0	0.0	3.0	3.0
1186+62.00		1186+32.00	30.0	9.0	1.0	7.5	0.0	0.0	0.0	0.0	17.0	0.0	36.5	7.5	0.0	0.0	17.0	0.0	0.4	0.4
1186+32.00		1185+68.00	64.0	0.0	0.0	0.0	0.0	0.0	235.0	0.0	36.5	0.0	190.5	0.0	235.0	0.0	36.5	0.0	0.0	0.0
1185+68.00		1175+00.00	1068.0	320.4	35.6	267.0	0.0	0.0	0.0	0.0	0.0	0.0	89.0	267.0	0.0	0.0	0.0	0.0	13.4	13.4
1175+00.00		1165+22.00	978.0	293.4	32.6	244.5	0.0	0.0	120.5	67.0	0.0	0.0	208.8	244.5	120.5	67.0	0.0	0.0	12.2	12.2
1165+22.00		1161+00.00	422.0	126.6	14.1	105.5	0.0	0.0	0.0	62.5	0.0	0.0	97.7	105.5	0.0	62.5	0.0	0.0	5.3	5.3
1161+00.00		1148+30.00	1270.0	381.0	42.3	317.5	0.0	0.0	0.0	0.0	0.0	0.0	105.8	317.5	0.0	0.0	0.0	0.0	15.9	15.9
1148+30.00		1147+32.19	97.8	29.3	3.3	24.5	97.8	0.0	0.0	0.0	24.0	61.2	150.0	122.3	0.0	0.0	24.0	61.2	1.2	1.2
1147+32.19		1144+43.00	289.2	86.8	9.6	72.3	289.2	0.0	0.0	0.0	12.0	0.0	144.5	361.5	0.0	0.0	12.0	0.0	3.6	3.6
1144+43.00		1144+33.00	10.0	RAILROAD OMISSION																
1144+33.00		1141+50.00	283.0	84.9	9.4	70.8	283.0	0.0	0.0	0.0	12.0	0.0	141.9	353.8	0.0	0.0	12.0	0.0	3.5	3.5
1141+50.00		1140+19.00	131.0	39.3	4.4	32.8	131.0	0.0	0.0	0.0	0.0	61.2	163.8	163.8	0.0	0.0	24.0	61.2	1.6	1.6
1140+19.00		1139+26.00	93.0	27.9	3.1	23.3	0.0	0.0	0.0	0.0	0.0	0.0	7.8	23.3	0.0	0.0	0.0	0.0	1.2	1.2
1139+26.00		1138+51.00	75.0	22.5	2.5	18.8	0.0	75.0	0.0	0.0	0.0	0.0	31.3	93.8	0.0	0.0	0.0	0.0	0.9	0.9
			TOTAL	1765.0	197.0	1471.0	801.0	75.0	356.0	130.0	126.0	123.0	1463.0	2347.0	356.0	130.0	126.0	123.0	74.0	74.0

TEMPORARY RAMP SCHEDULE							
STATION	LOCATION	AFTER MAINLINE MILLING			AFTER MAINLINE BINDER		
		WIDTH (FT)	LENGTH (FT)	AREA (SQ YD)	WIDTH (FT)	LENGTH (FT)	AREA (SQ YD)
05+10.00	PROJECT BEGINNING	10.0	32.0	35.6	5.0	32.0	17.8
01+00.00	INTERSECTION OMISSION	10.0	32.0	35.6	5.0	32.0	17.8
1193+98.00	INTERSECTION OMISSION	10.0	32.0	35.6	5.0	32.0	17.8
1144+43.00	RAILROAD OMISSION	10.0	40.0	44.4	5.0	40.0	22.2
1144+33.00	RAILROAD OMISSION	10.0	40.0	44.4	5.0	40.0	22.2
1138+51.00	PROJECT END	10.0	40.0	44.4	5.0	40.0	22.2
	SUB-TOTAL		240.0	---	---	120.0	
	GRAND TOTAL =					360.0	SQ YD

USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	13
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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 OFFICE: District 7

ADA REMOVAL SHCHEDULE					
LOCATION	CURB REMOVAL	PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	DRIVEWAY PAVEMENT REMOVAL
	(FOOT)	(SQ YD)	(FOOT)	(SQ FT)	(SQ YD)
INTERSECTION OF JEFFERSON ST & IL ROUTE 1					
NE QUADRANT	0.0	6.6	27.3	106.3	0.0
NW QUADRANT	0.0	4.8	18.0	70.0	0.0
SE QUADRANT	0.0	6.8	28.4	162.7	0.0
SW QUADRANT	2.9	6.1	13.0	63.7	7.5
INTERSECTION OF DUBOIS ST & IL ROUTE 1					
NE QUADRANT	0.0	6.2	25.7	67.2	0.0
NW QUADRANT	17.0	7.7	31.1	145.9	0.0
SE QUADRANT	0.0	7.6	31.8	113.5	0.0
SW QUADRANT	7.2	7.4	31.0	145.3	0.0
INTERSECTION OF LEXINGTON AVE & IL ROUTE 1					
NE QUADRANT	0.0	12.4	68.2	106.7	19.1
NW QUADRANT	24.4	8.0	32.8	285.1	4.6
SE QUADRANT	0.0	8.1	33.7	157.6	0.0
SW QUADRANT	0.0	5.9	23.6	251.2	0.0
INTERSECTION OF LOCUST ST & IL ROUTE 1					
NE QUADRANT	0.0	3.5	15.1	130.4	0.0
NW QUADRANT	0.0	4.9	20.5	77.9	0.0
INTERSECTION OF COLLINS AVE & IL ROUTE 1					
NE QUADRANT	0.0	6.0	24.6	115.6	0.0
NW QUADRANT	0.0	9.1	38.8	145.5	0.0
INTERSECTION OF CEDAR ST & IL ROUTE 1					
SE QUADRANT	0.0	4.1	18.5	46.1	0.0
SW QUADRANT	28.1	3.7	16.2	111.5	0.0
TOTAL	80.0	119.0	499.0	2302.0	32.0

ADA CONSTRUCTION SCHEDULE										
LOCATION	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	TRANSITIONAL COMBINATION CONCRETE CURB AND GUTTER	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 11"	CONCRETE CURB, TYPE B	CONCRETE CURB, TYPE B (SPECIAL)	DETECTABLE WARNINGS	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE
	(SQ FT)	(SQ YD)	(FOOT)	(FOOT)	(FOOT)	(SQ YD)	(FOOT)	(FOOT)	(SQ FT)	(EACH)
INTERSECTION OF JEFFERSON ST & IL ROUTE 1										
NE QUADRANT	135.2	0.0	24.3	0.0	4.0	6.6	0.0	0.0	17.9	0.0
NW QUADRANT	88.7	0.0	0.0	18.3	2.0	4.8	0.0	0.0	14.2	0.0
SE QUADRANT	197.9	0.0	25.3	0.0	4.0	6.8	0.0	0.0	20.0	0.0
SW QUADRANT	106.6	0.0	22.0	0.0	4.0	6.1	18.6	0.0	14.2	0.0
INTERSECTION OF DUBOIS ST & IL ROUTE 1										
NE QUADRANT	132.3	0.0	22.5	0.0	4.0	6.2	0.0	0.0	13.3	0.0
NW QUADRANT	171.8	0.0	28.9	0.0	4.0	7.7	15.5	0.0	13.4	0.0
SE QUADRANT	141.4	0.0	28.6	0.0	4.0	7.6	0.0	0.0	12.1	0.0
SW QUADRANT	172.8	0.0	27.9	0.0	4.0	7.4	11.8	0.0	12.8	0.0
INTERSECTION OF LEXINGTON AVE & IL ROUTE 1										
NE QUADRANT	205.6	9.8	0.0	61.0	8.0	12.4	0.0	0.0	20.0	1.0
NW QUADRANT	336.1	0.0	0.0	27.9	4.0	8.0	38.0	0.0	20.0	1.0
SE QUADRANT	226.8	0.0	0.0	31.2	4.0	8.1	0.0	0.0	20.0	0.0
SW QUADRANT	337.3	0.0	0.0	18.7	4.0	5.9	0.0	0.0	20.0	1.0
INTERSECTION OF LOCUST ST & IL ROUTE 1										
NE QUADRANT	132.3	0.0	11.3	0.0	4.0	3.5	0.0	0.0	10.0	0.0
NW QUADRANT	136.1	0.0	17.1	0.0	4.0	4.9	0.0	0.0	10.0	0.0
INTERSECTION OF COLLINS AVE & IL ROUTE 1										
NE QUADRANT	129.3	0.0	21.4	0.0	4.0	6.0	0.0	0.0	20.0	0.0
NW QUADRANT	190.3	0.0	35.3	0.0	4.0	9.1	0.0	0.0	20.5	0.0
INTERSECTION OF CEDAR ST & IL ROUTE 1										
SE QUADRANT	83.0	0.0	14.5	0.0	4.0	4.1	0.0	0.0	10.0	0.0
SW QUADRANT	210.1	0.0	12.4	0.0	4.0	3.7	0.0	27.9	10.0	0.0
TOTAL	3134.0	10.0	292.0	157.0	74.0	119.0	84.0	28.0	279.0	3.0

SURVEY MARKER SCHEDULE				
STATION	DESCRIPTION	OFFSET (FT)	PROTECTING OR RESETTNG SURVEY MARKERS (EACH)	PERMANENT SURVEY MARKERS, TYPE I (EACH)
01+59.71	MAG NAIL W/ WASHER-PI KINK	0.0	1.0	1.0
1195+06.00 BK = 00+07.28 AH	MAG NAIL W/ WASHER-PI STATION EQUATION	0.0	1.0	1.0
1192+98.70	MAG NAIL W/ WASHER-PT	0.0	1.0	1.0
1191+98.70	MAG NAIL W/ WASHER-PI	0.38 RT	1.0	1.0
1190+98.70	MAG NAIL W/ WASHER-PC	0.0	1.0	1.0
1189+76.70	MAG NAIL W/ WASHER-PT	0.0	1.0	1.0
1188+76.72	MAG NAIL W/ WASHER-PI	0.82 LT	1.0	1.0
1187+76.72	MAG NAIL W/ WASHER-PC	0.0	1.0	1.0
1187+00.22	MAG NAIL W/ WASHER-PT	0.0	1.0	1.0
1186+00.22	MAG NAIL W/ WASHER-PI	0.17 RT	1.0	1.0
1185+00.22	MAG NAIL W/ WASHER-PC	0.0	1.0	1.0
1170+00.00	MAG NAIL W/ WASHER-POT	0.0	1.0	1.0
1163+68.03	MAG NAIL W/ WASHER-PT	0.0	1.0	1.0
1161+01.39	MAG NAIL W/ WASHER-PI	2.55 LT	1.0	1.0
1158+34.68	MAG NAIL W/ WASHER-PRC	0.0	1.0	1.0
1157+48.01	MAG NAIL W/ WASHER-PI	0.17 RT	1.0	1.0
1156+61.34	MAG NAIL W/ WASHER-PC	0.0	1.0	1.0
1146+11.45	MAG NAIL W/ WASHER-PT	0.0	1.0	1.0
1144+34.90	MAG NAIL W/ WASHER-PI	14.10 RT	1.0	1.0
1142+55.40	MAG NAIL W/ WASHER-PC	0.0	1.0	1.0
1142+09.90	MAG NAIL W/ WASHER-PT	0.0	1.0	1.0
1140+00.00	MAG NAIL W/ WASHER-PI	3.94 LT	1.0	1.0
	TOTAL		22.0	22.0

USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/12/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

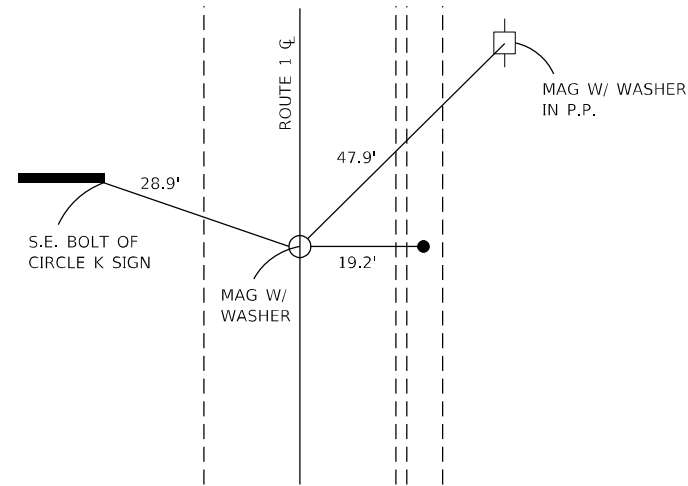
SCHEDULE OF QUANTITIES

SCALE: N/A SHEET 4 OF 4 SHEETS STA. TO STA.

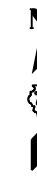
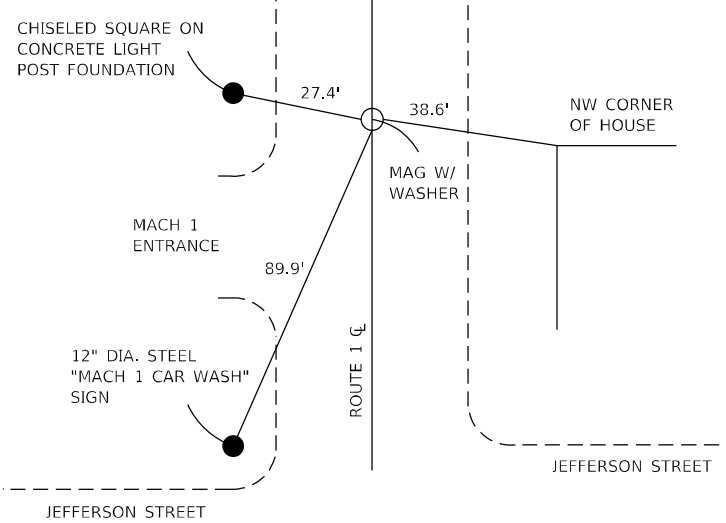
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	14
			CONTRACT NO. 74473	
		ILLINOIS	FED. AID PROJECT	



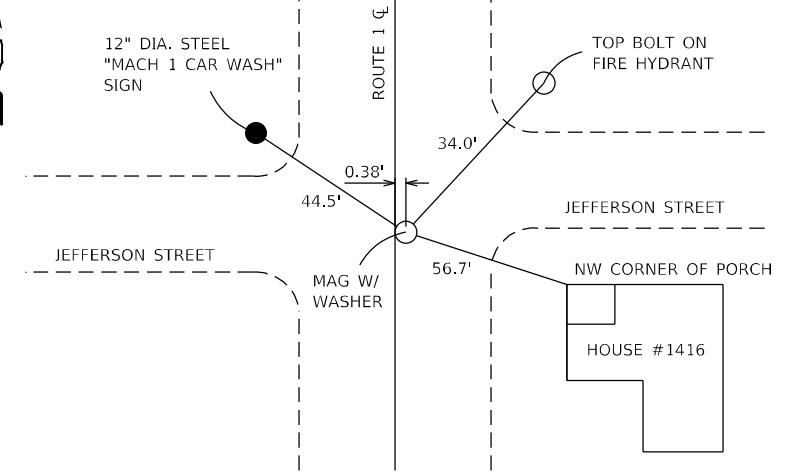
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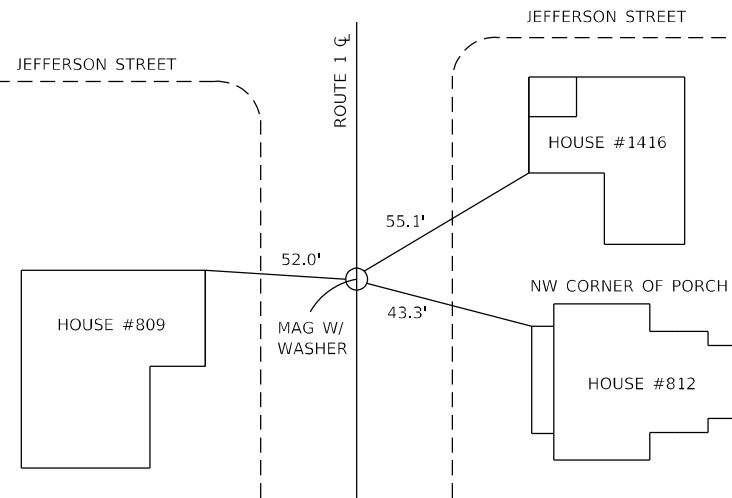
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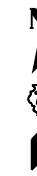
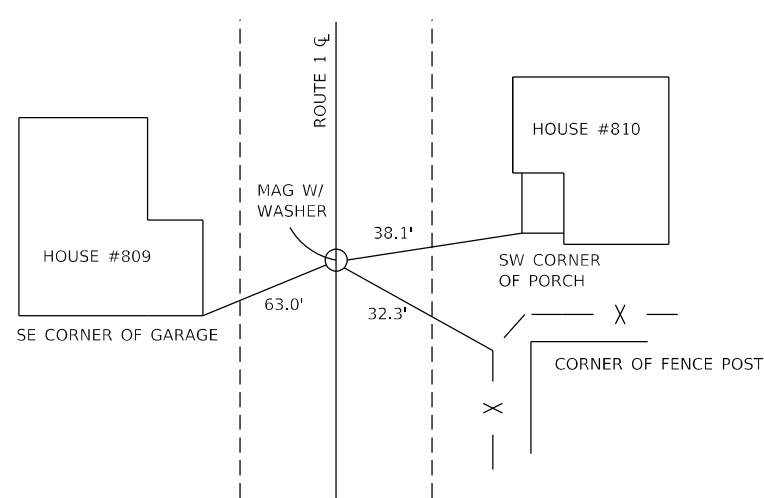
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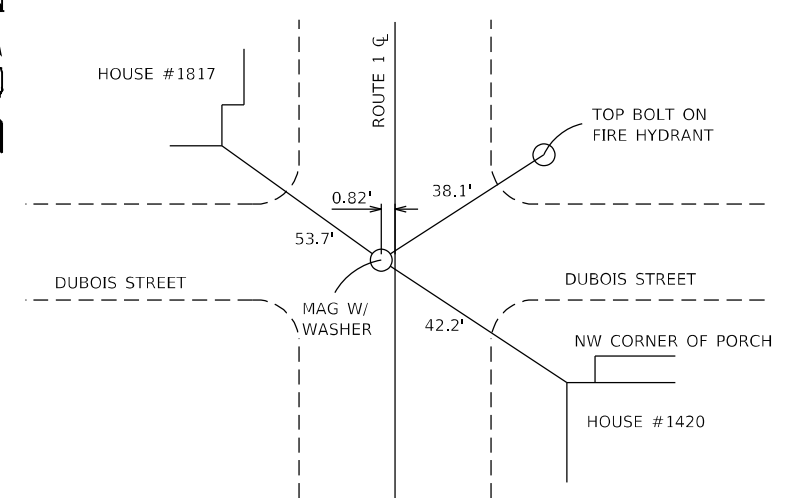
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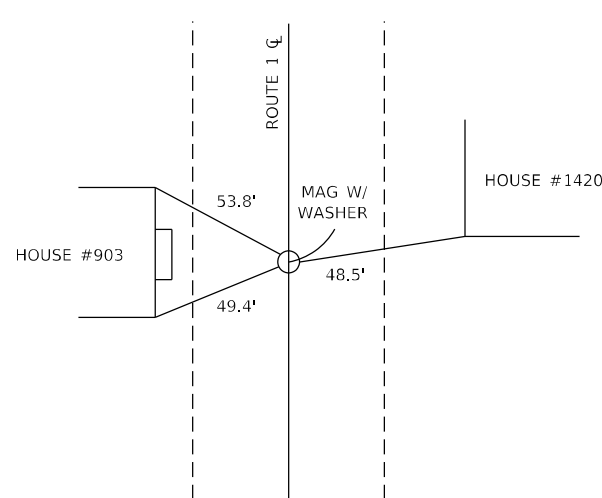
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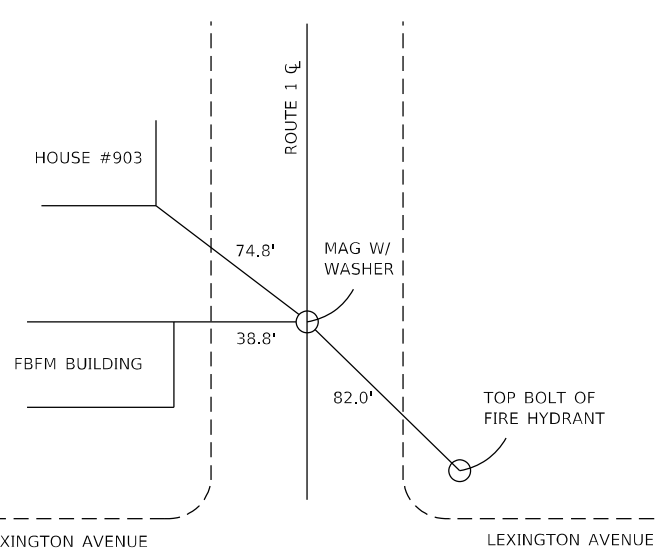
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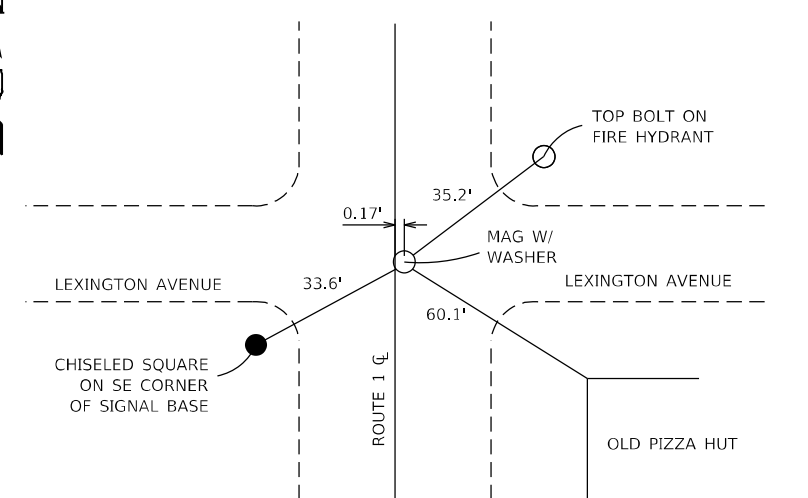
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PT STA 1187+00.22



PI STA 1186+00.22



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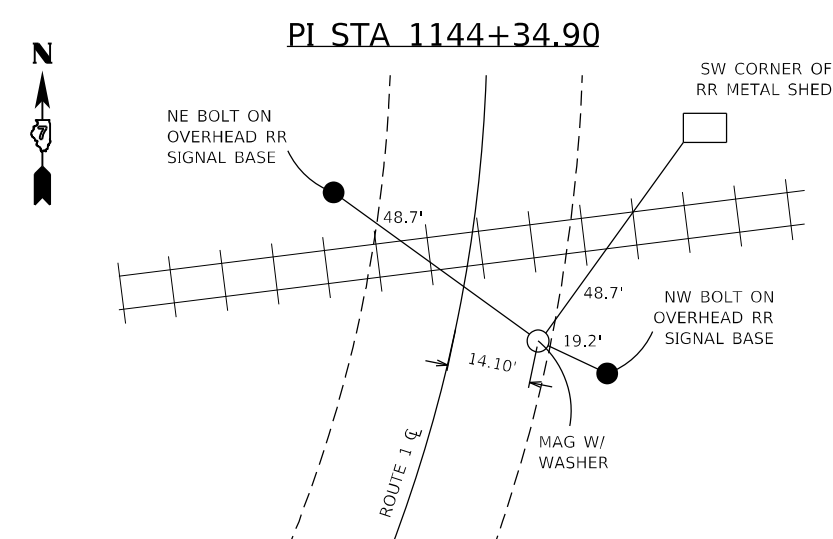
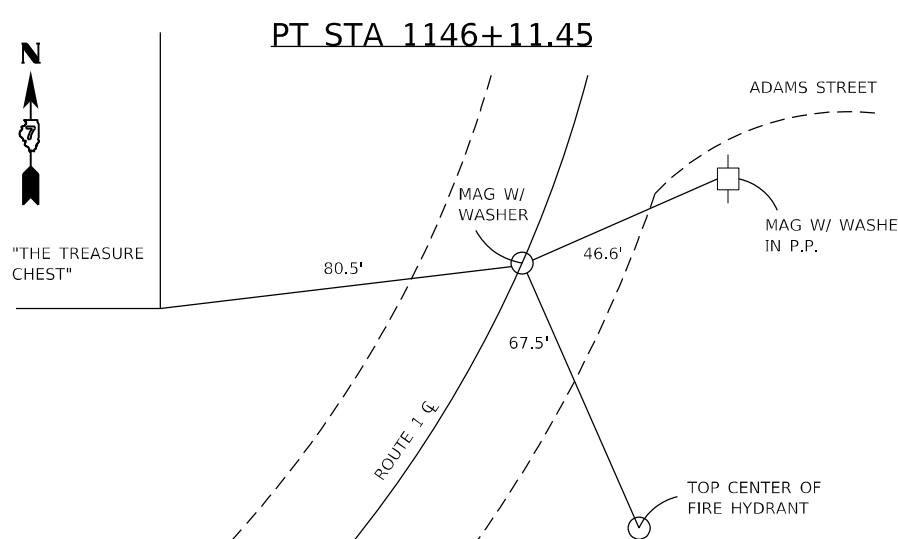
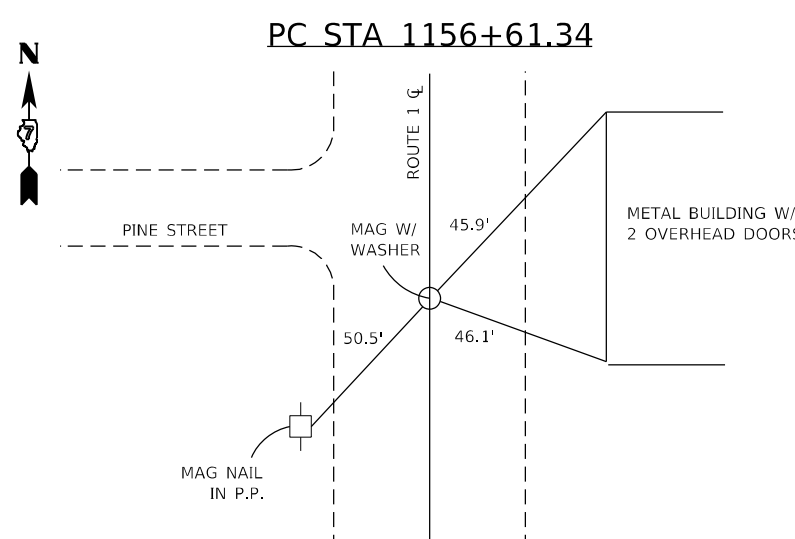
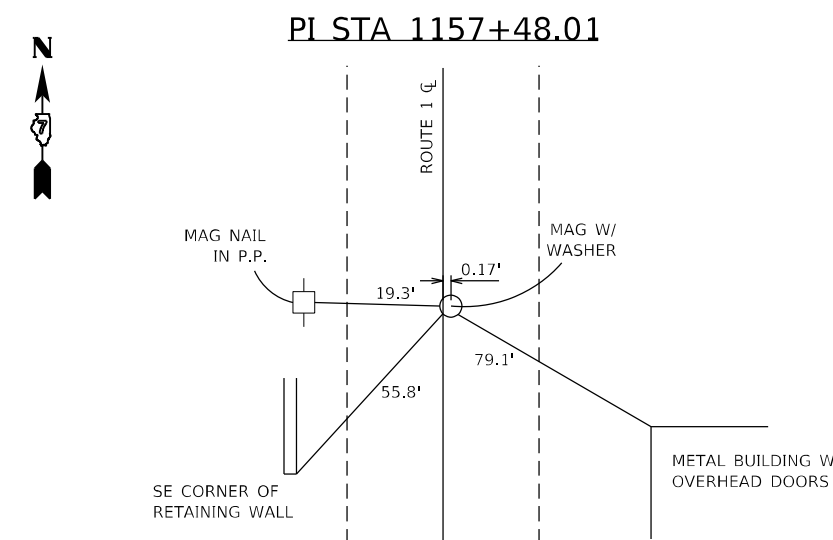
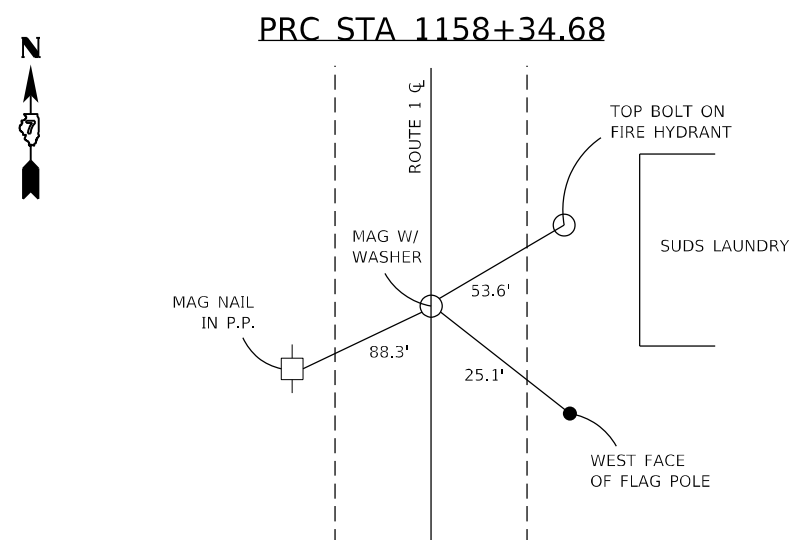
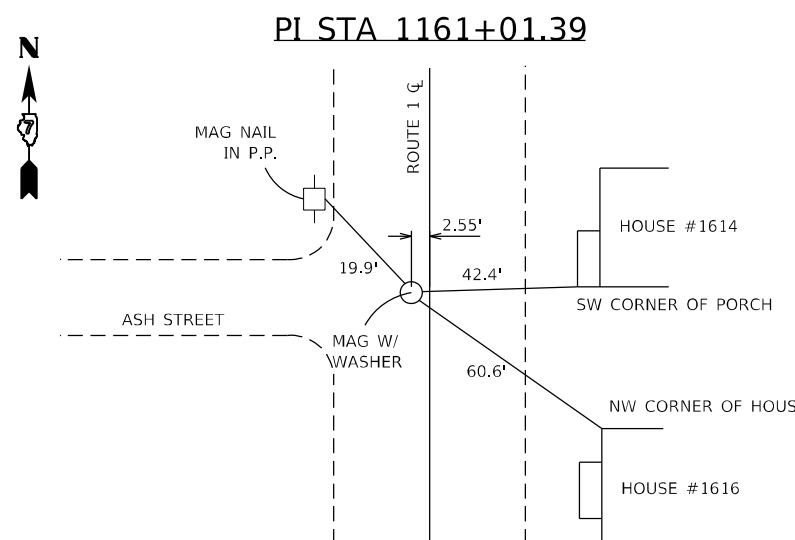
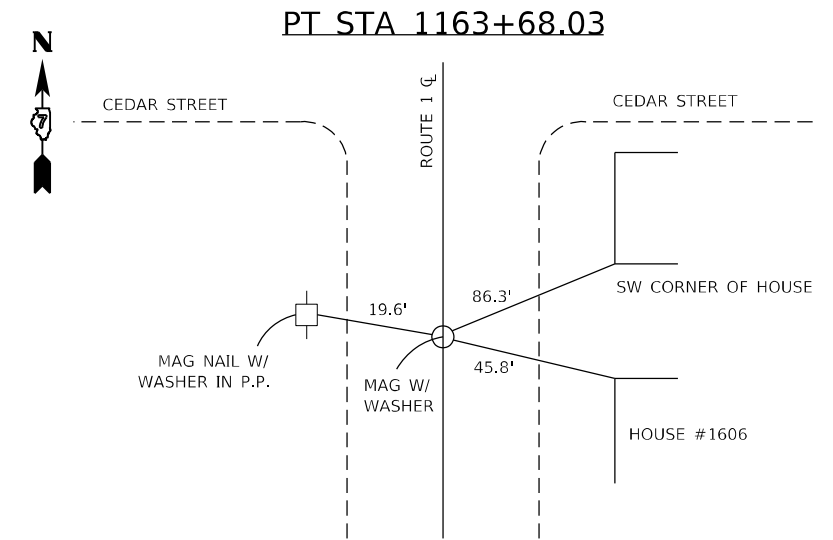
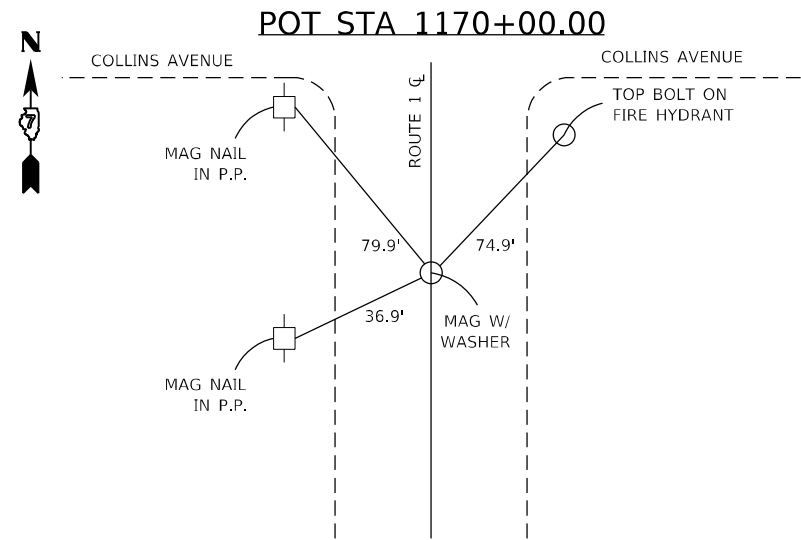
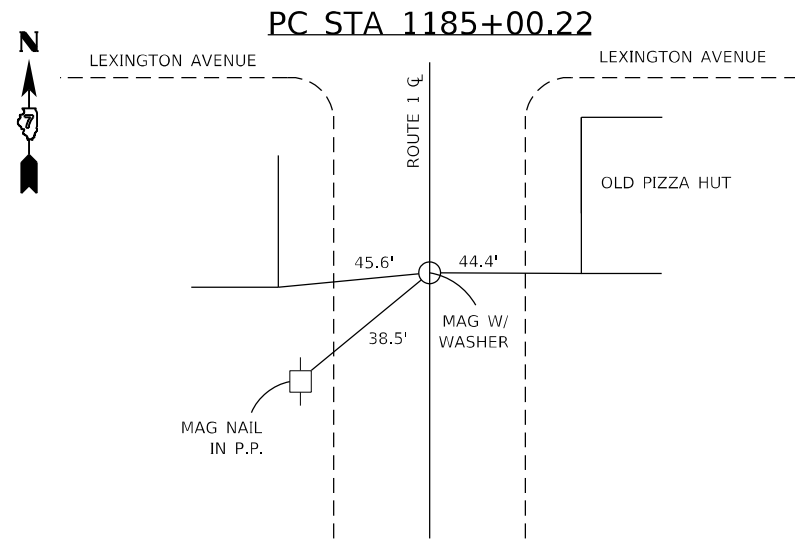
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

TIE POINTS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	15
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

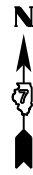
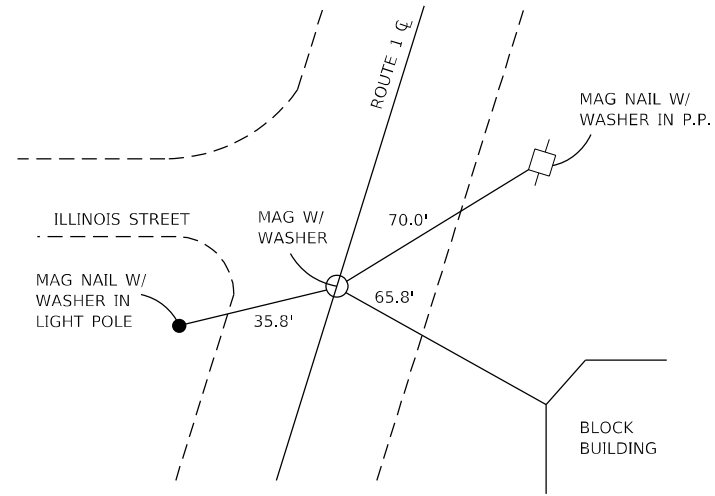
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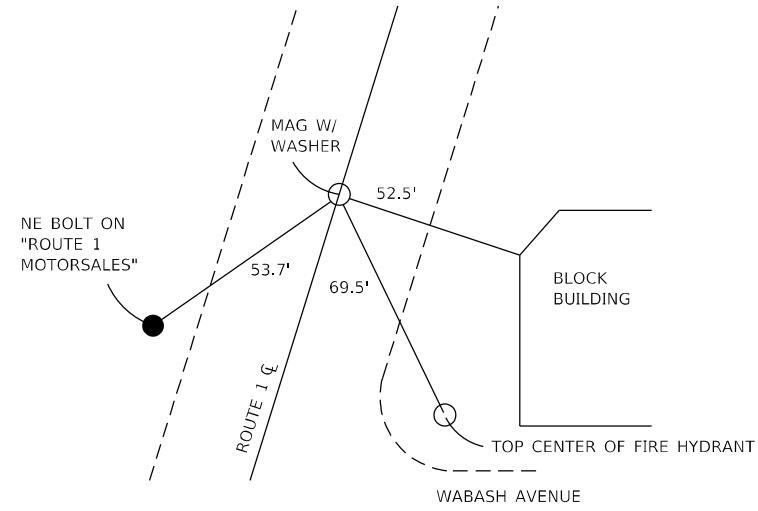
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332	(15, 16)Z RS-2	LAWRENCE	63	16
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				



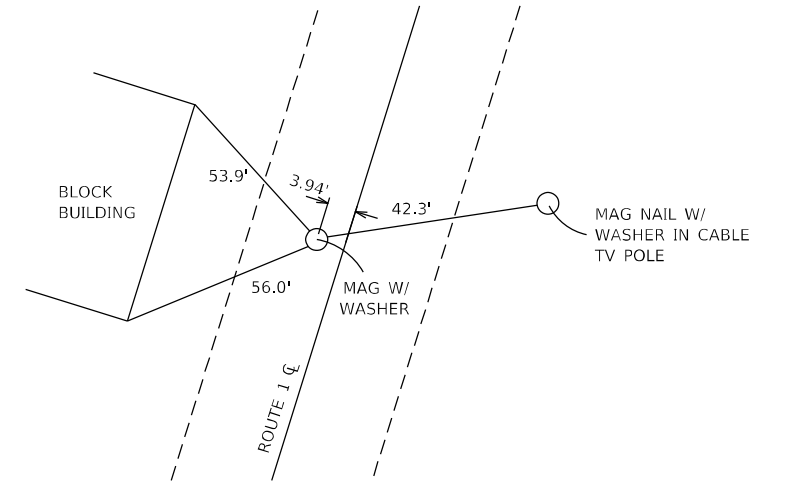
PC STA 1142+55.40



PT STA 1142+09.90



PI STA 1140+00.00



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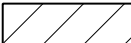

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TIE POINTS

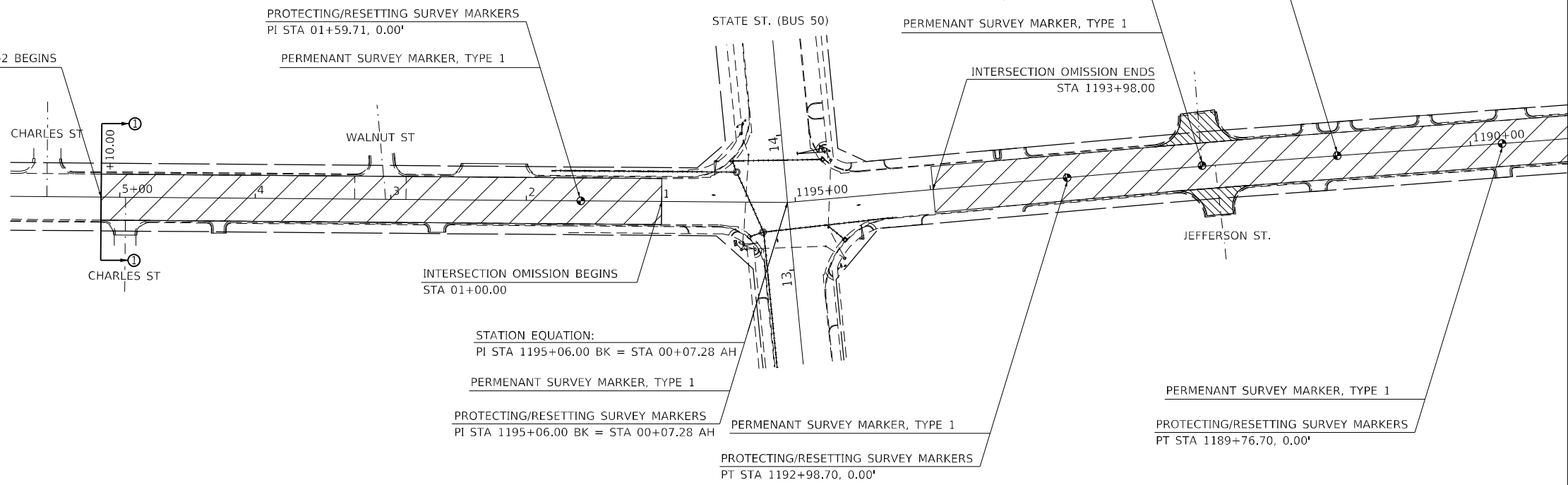
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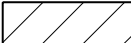

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	17
CONTRACT NO. 74473			ILLINOIS FED. AID PROJECT	

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 HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)

SECTION (15, 16)Z RS-2 BEGINS
05+10.00



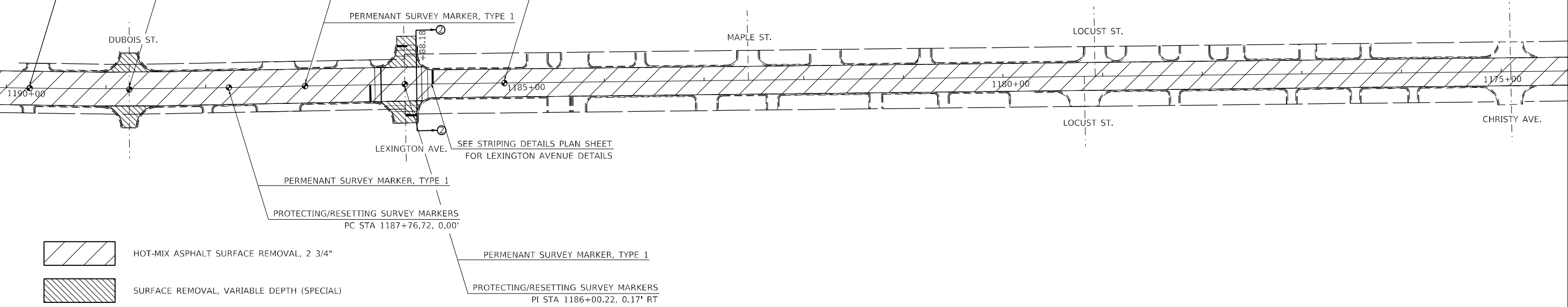
 HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"
 SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)

PROTECTING/RESETTING SURVEY MARKERS
 PT STA 1189+76.70, 0.00'
 PERMENANT SURVEY MARKER, TYPE 1

PROTECTING/RESETTING SURVEY MARKERS
 PI STA 1188+76.72, 0.82' LT
 PERMENANT SURVEY MARKER, TYPE 1

PROTECTING/RESETTING SURVEY MARKERS
 PT STA 1187+00.22, 0.00'
 PERMENANT SURVEY MARKER, TYPE 1

PROTECTING/RESETTING SURVEY MARKERS
 PC STA 1185+00.22, 0.00'
 PERMENANT SURVEY MARKER, TYPE 1



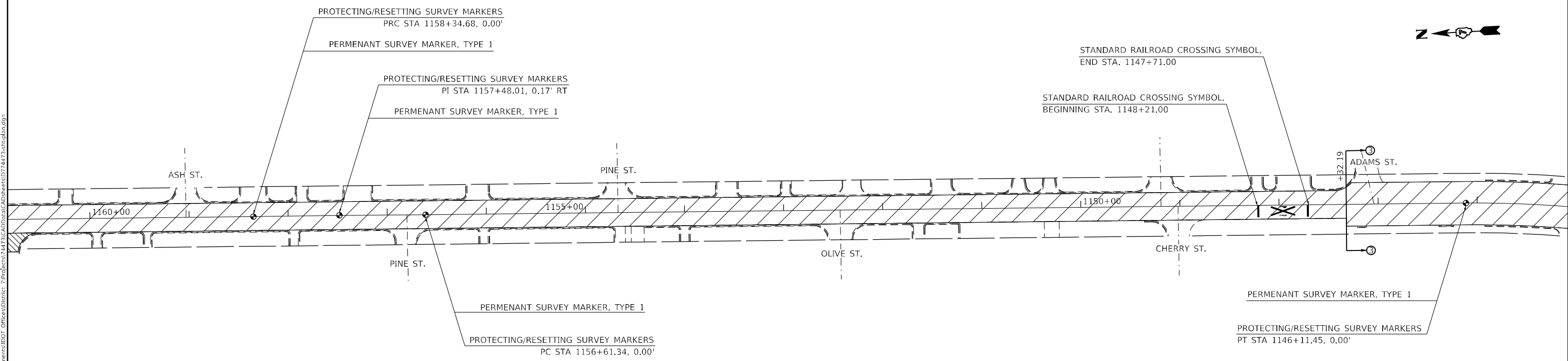
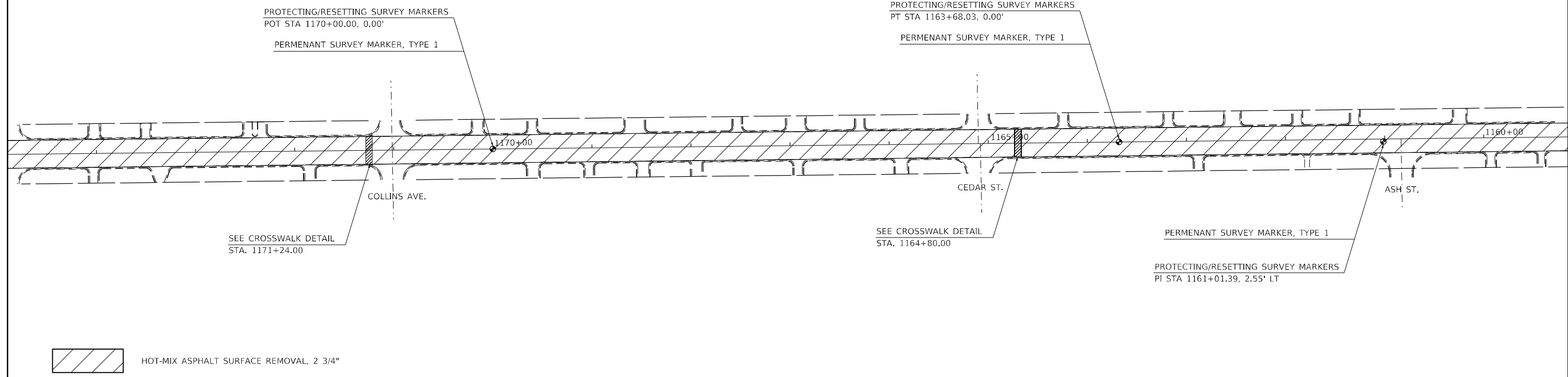
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE 1 PLAN SHEET

SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	18
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				



 HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

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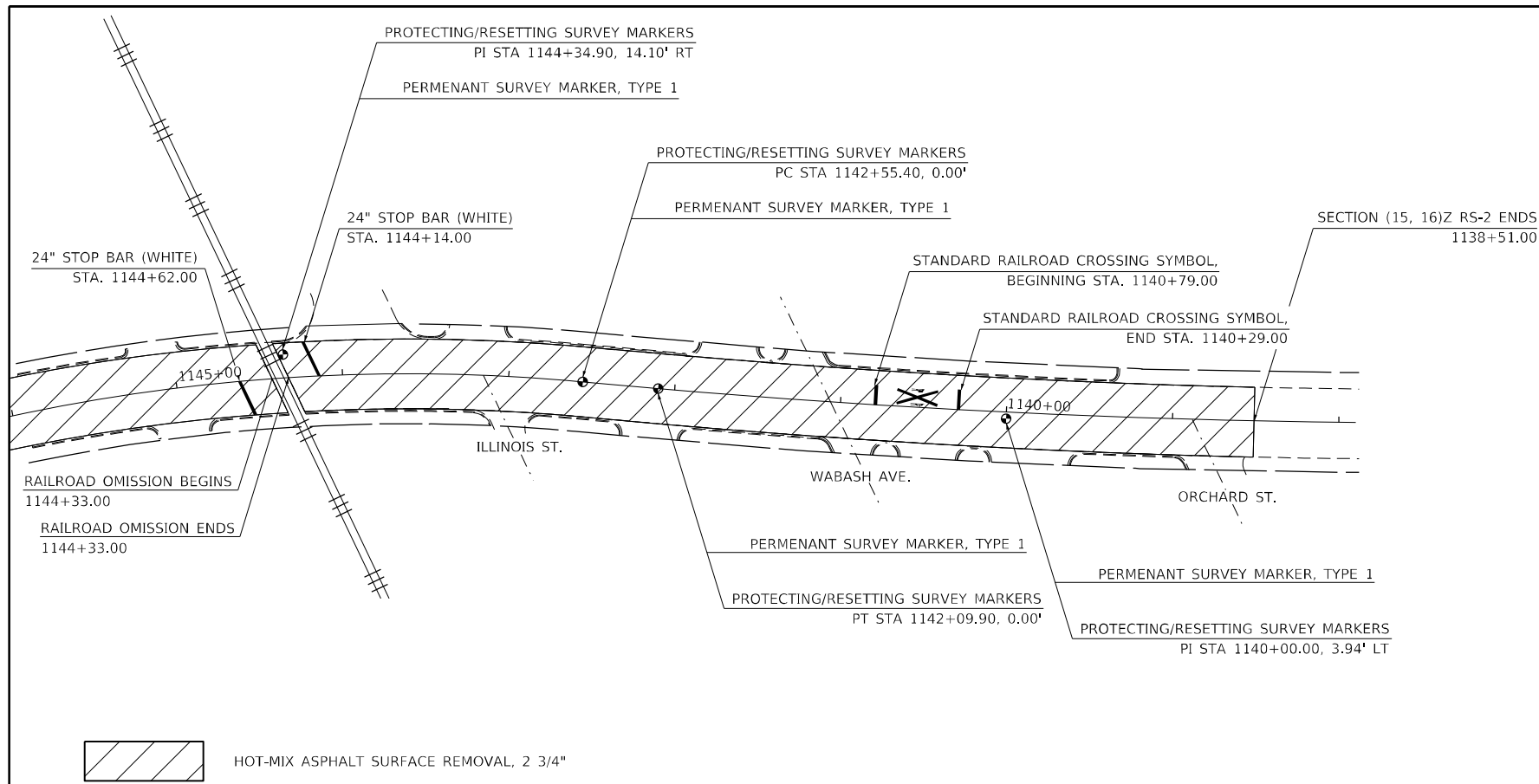
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROUTE 1 PLAN SHEET

SCALE: N/A SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	19
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				



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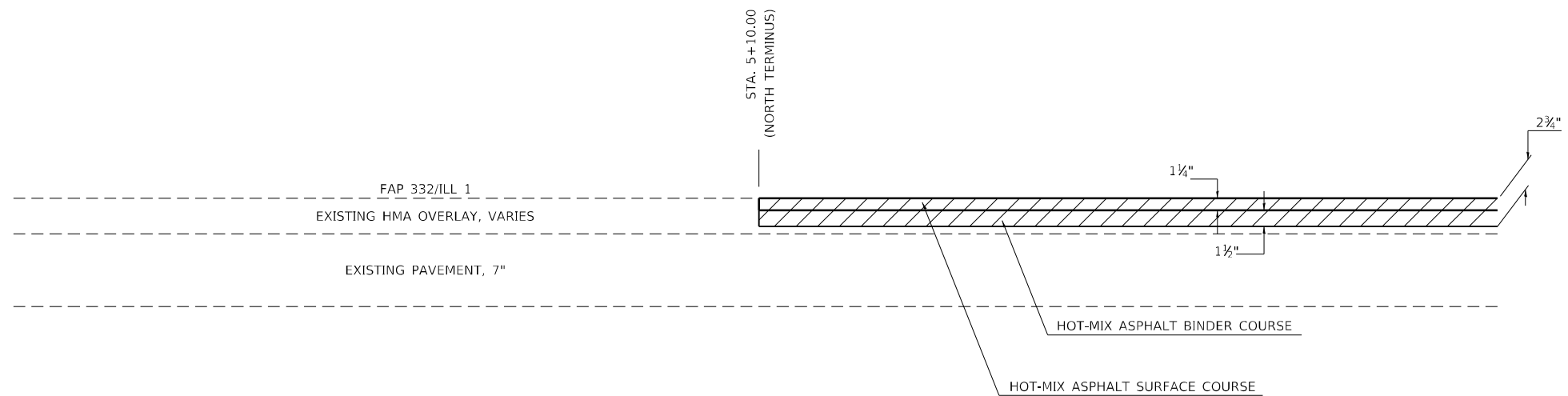
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROUTE 1 PLAN SHEET

SCALE: N/A SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15,16)Z RS-2	LAWRENCE	63	20
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

PROPOSED PAVING DETAIL



HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"

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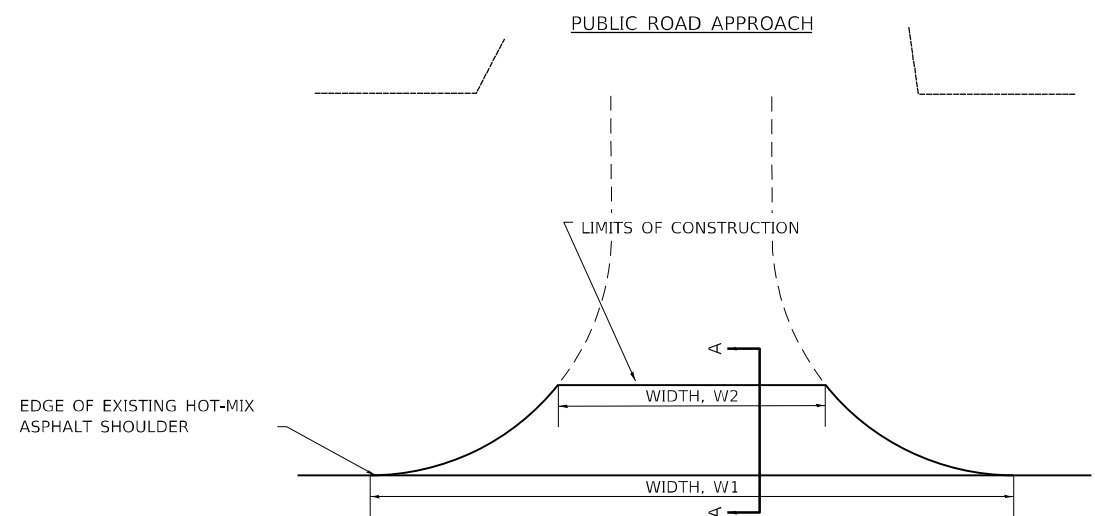
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVING DETAIL

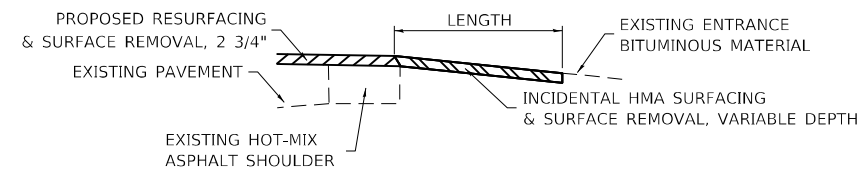
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	21
CONTRACT NO. 74473			ILLINOIS FED. AID PROJECT	

PROPOSED ENTRANCE DETAIL



ENTRANCE SCHEDULE								
STATION	LT/RT	TYPE	WIDTH, W1 (FT)	WIDTH, W2 (FT)	LENGTH (FT)	AREA (SQ YD)	INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)	SURFACE REMOVAL VARIABLE DEPTH (SPECIAL) (SQ YD)
1192+00.00	RT	PRA	45.0	22.0	23.0	85.6	13.2	85.6
1191+89.00	LT	PRA	51.0	25.0	20.0	84.4	13.0	84.4
1188+77.00	RT	PRA	47.0	23.0	19.0	73.9	11.4	73.9
1188+77.00	LT	PRA	45.0	18.0	22.0	77.0	11.9	77.0
1186+00.00	RT	PRA	45.0	25.0	31.0	120.6	18.5	120.6
1186+00.00	LT	PRA	45.0	26.0	22.0	86.8	13.4	86.8
TOTAL						82.0	529.0	



SECTION A-A

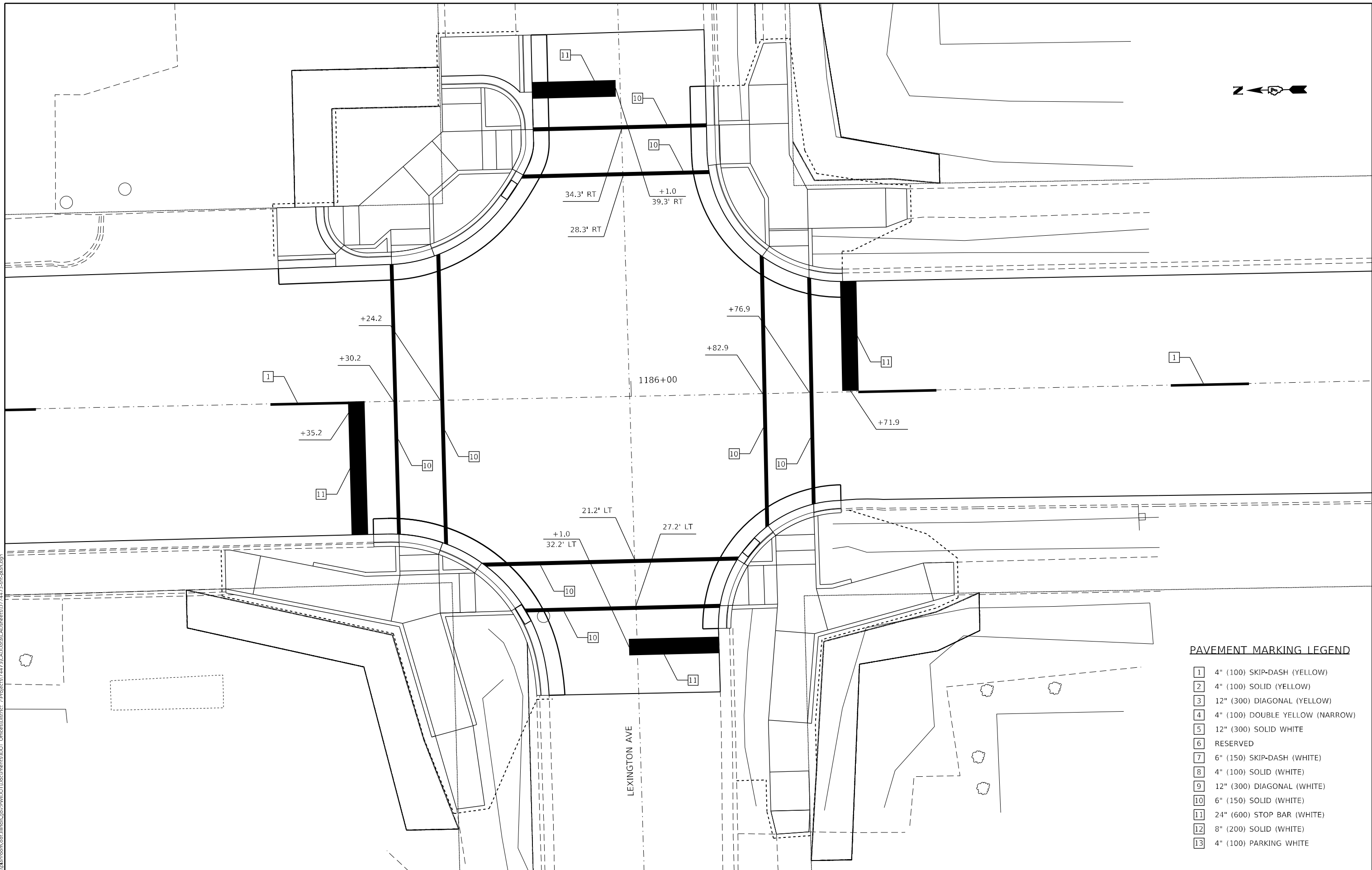
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PLOT DATE = 3/16/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVING DETAIL			
SCALE: N/A	SHEET 2	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	22
			CONTRACT NO. 74473	
		ILLINOIS FED. AID PROJECT		



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

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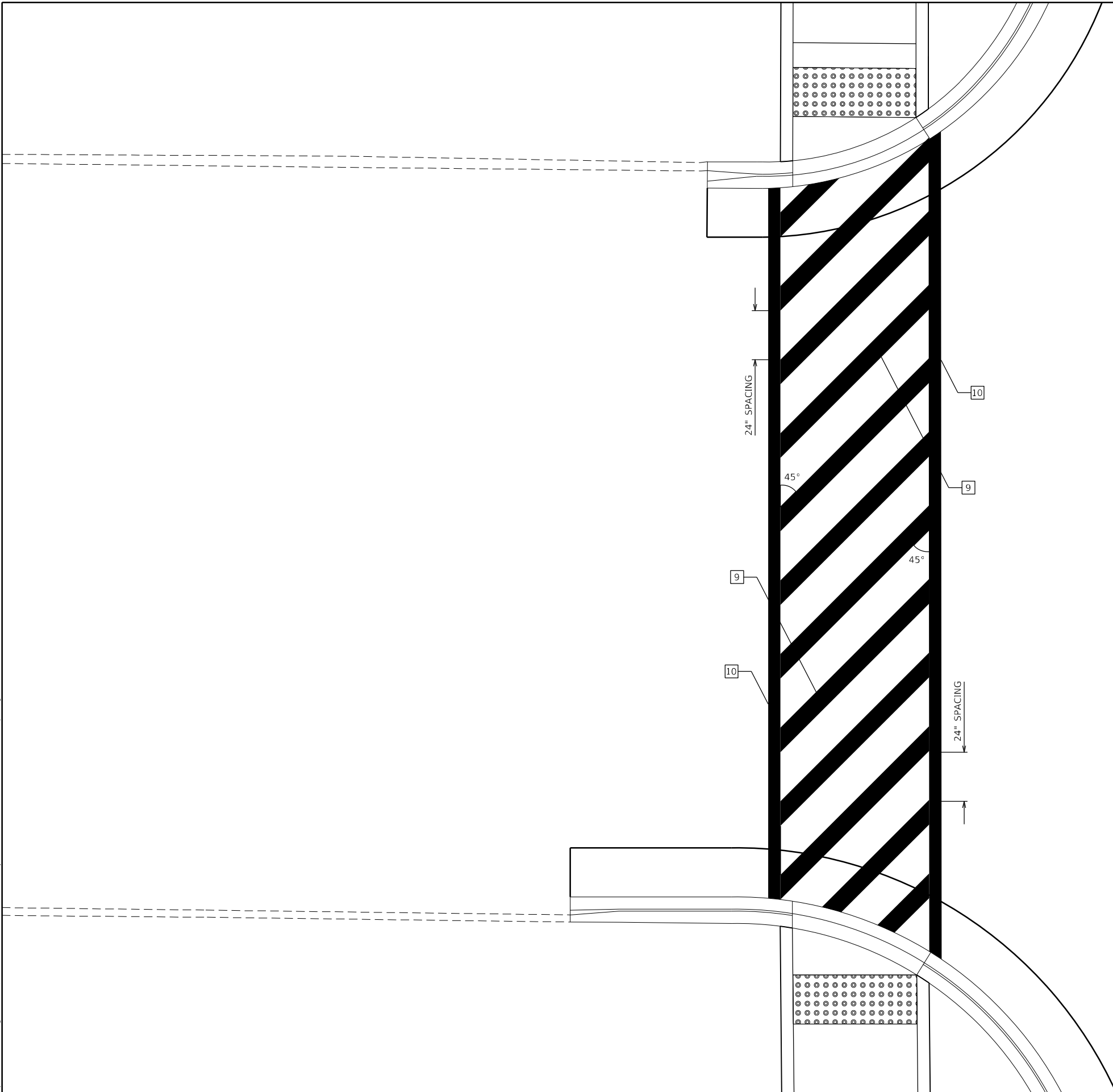
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PLOT DATE = 3/16/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL
LEXINGTON AVENUE

SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	23
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				



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

*SEE PLAN SHEETS FOR STATIONING OF CROSSWALKS

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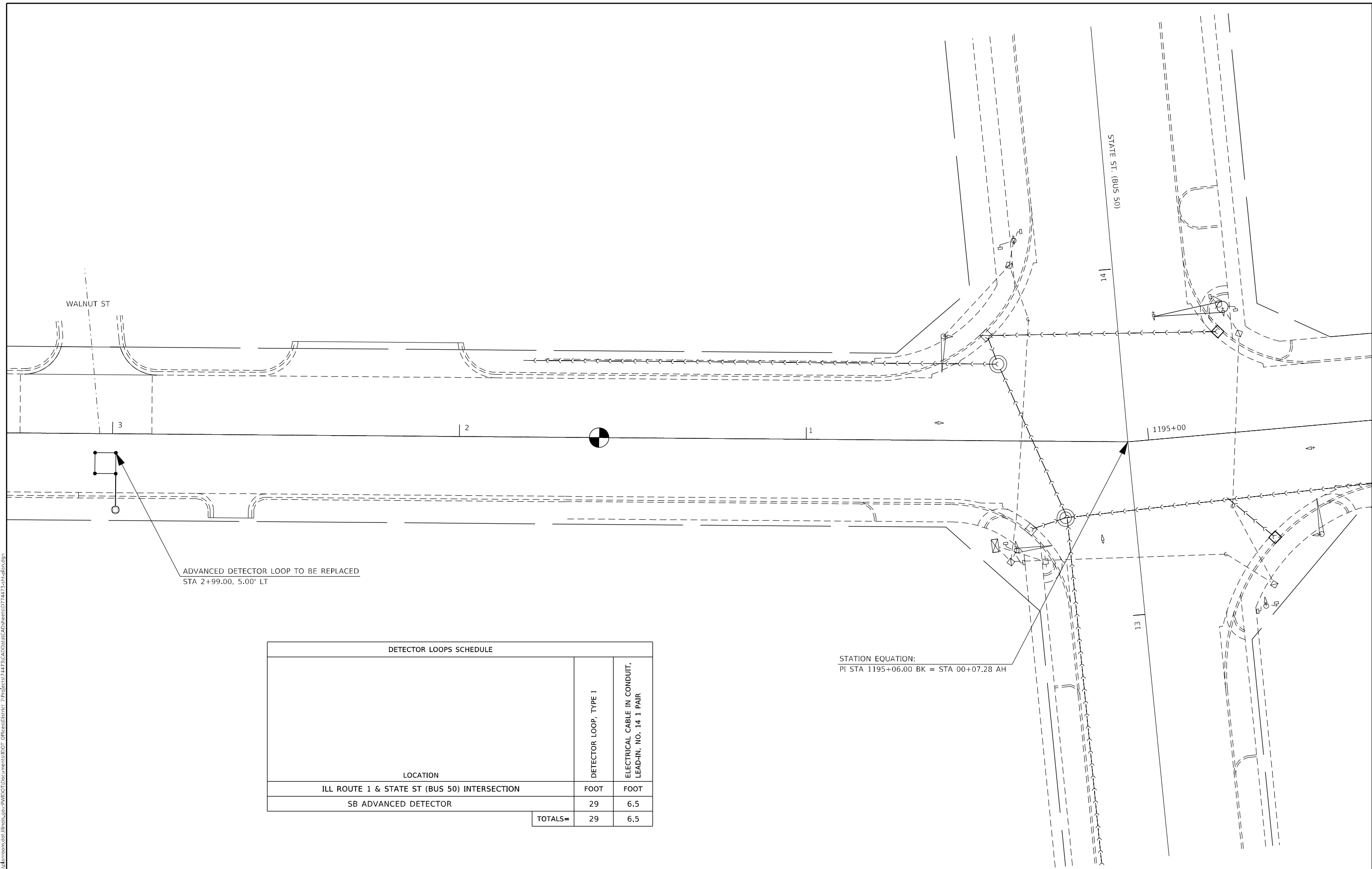
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAIL
COLLINS AVENUE & CEDAR STREET CROSSWALKS**

SCALE: N/A SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	24
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

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ADVANCED DETECTOR LOOP TO BE REPLACED
 STA 2+99.00, 5.00' LT

STATION EQUATION:
 PI STA 1195+06.00 BK = STA 00+07.28 AH

DETECTOR LOOPS SCHEDULE		
LOCATION	DETECTOR LOOP, TYPE I	ELECTRICAL CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
ILL ROUTE 1 & STATE ST (BUS 50) INTERSECTION	FOOT	FOOT
SB ADVANCED DETECTOR	29	6.5
TOTALS=	29	6.5

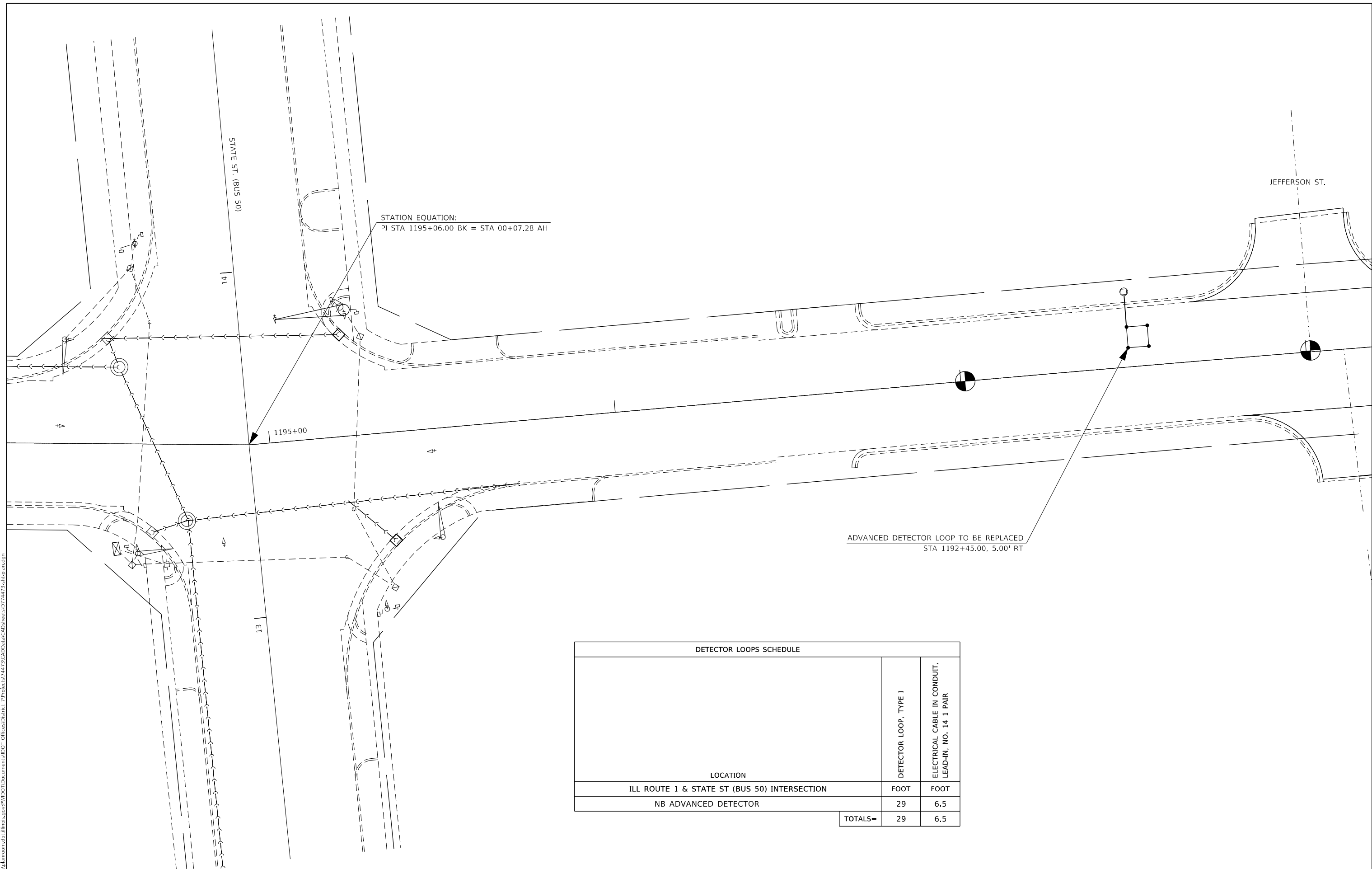
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADVANCED DETECTOR LOOP DETAIL	
SCALE: N/A	SHEET 1 OF 2 SHEETS
STA.	TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 25
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

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STATION EQUATION:
 PI STA 1195+06.00 BK = STA 00+07.28 AH

ADVANCED DETECTOR LOOP TO BE REPLACED
 STA 1192+45.00, 5.00' RT

DETECTOR LOOPS SCHEDULE		
LOCATION	DETECTOR LOOP, TYPE 1	ELECTRICAL CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
ILL ROUTE 1 & STATE ST (BUS 50) INTERSECTION	FOOT	FOOT
NB ADVANCED DETECTOR	29	6.5
TOTALS=	29	6.5

USER NAME = stef@nmk	DESIGNED -	REVISED -
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PLOT DATE = 3/12/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADVANCED DETECTOR LOOP DETAIL

SCALE: N/A SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 26
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL GENERAL NOTES

THIS TRAFFIC SIGNAL PORTION OF THIS PROJECT CONSISTS OF TRAFFIC SIGNAL MODIFICATIONS AT ONE INTERSECTIONS LOCATED ON 15TH STREET (IL 1) AND LEXINGTON AVE. LOCATED IN THE CITY OF LAWRENCEVILLE, LAWRENCE COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING TRAFFIC SIGNALS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS PORTION OF THIS PROJECT.

THE EXISTING UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 1-800-892-0123. THE TRAFFIC SIGNAL UTILITY LINES WILL BE LOCATED BY IDOT, CALL 217-342-3951.

THE TRAFFIC SIGNAL ENGINEER AT THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED AT 217-342-8291 AT LEAST 72 HOURS PRIOR TO TURNING ON ANY FLASHER OR CONTROLLER UNIT.

THE SIZE OF THE CABLE SUPPLIED SHALL BE EQUAL TO OR GREATER THAN THE SIZE OF THE CABLE REQUIRED TO CARRY THE LOAD BETWEEN THE CONTROLLER AND THE SERVICE INSTALLATION

A 2 FOOT MINIMUM, 6 FOOT DESIRABLE, HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF CURB TO THE EDGE OF HANDHOLES, JUNCTION BOXES AND SIGNAL POST FOUNDATIONS. A 5 FOOT MINIMUM HORIZONTAL CLEARANCE SHALL BE MAINTAINED FROM THE BACK OF THE CURB TO ALL MAST ARM FOUNDATIONS. CONTROLLER FOUNDATIONS SHALL BE LOCATED AS FAR FROM THE BACK OF THE CURB AS POSSIBLE TO PROTECT THE CONTROLLER CABINET.

ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.

ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FOOT MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE ELECTRICAL WORK PAY ITEM.

THE NUMBER OF CONDUCTORS FOR ELECTRIC CABLES AS SHOWN ON THE PLANS SHALL BE THE MINIMUM NUMBER OF CONDUCTORS FURNISHED FOR EACH LOCATION. THE CONTRACTOR MAY SUBSTITUTE AN ELECTRIC CABLE WITH MORE CONDUCTORS THAN SPECIFIED BUT NO ADDITIONAL COMPENSATION WILL BE MADE FOR THE EXTRA CONDUCTORS.

ALL NEW TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES WILL ALLOWED ONLY FOR DETECTOR LOOPS IN THE FIRST HANDHOLE OR GULFBOX.

ALL MAST ARM MOUNTED SIGNAL HEADS ON AN INDIVIDUAL MAST ARM SHALL BE MOUNTED SO THAT THE RED INDICATIONS ARE LEVEL WITH EACH OTHER.

ALL MAST ARM MOUNTED SIGNAL HEADS SHALL BE MOUNTED AS TO ALIGN WITH THE CENTER OF THE LANE.

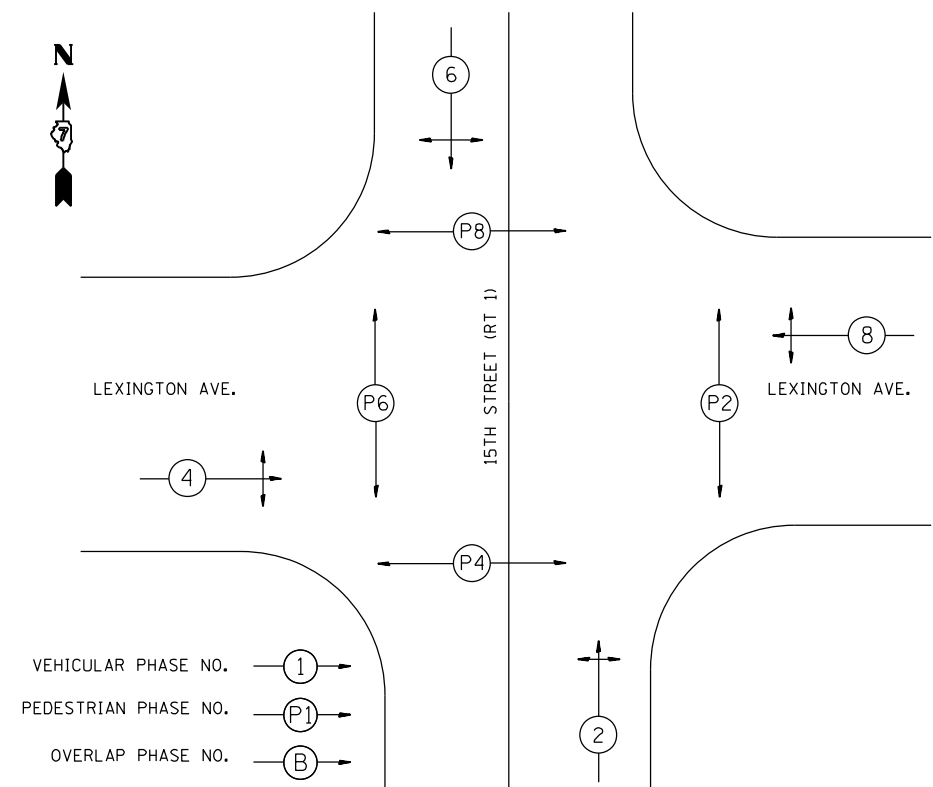
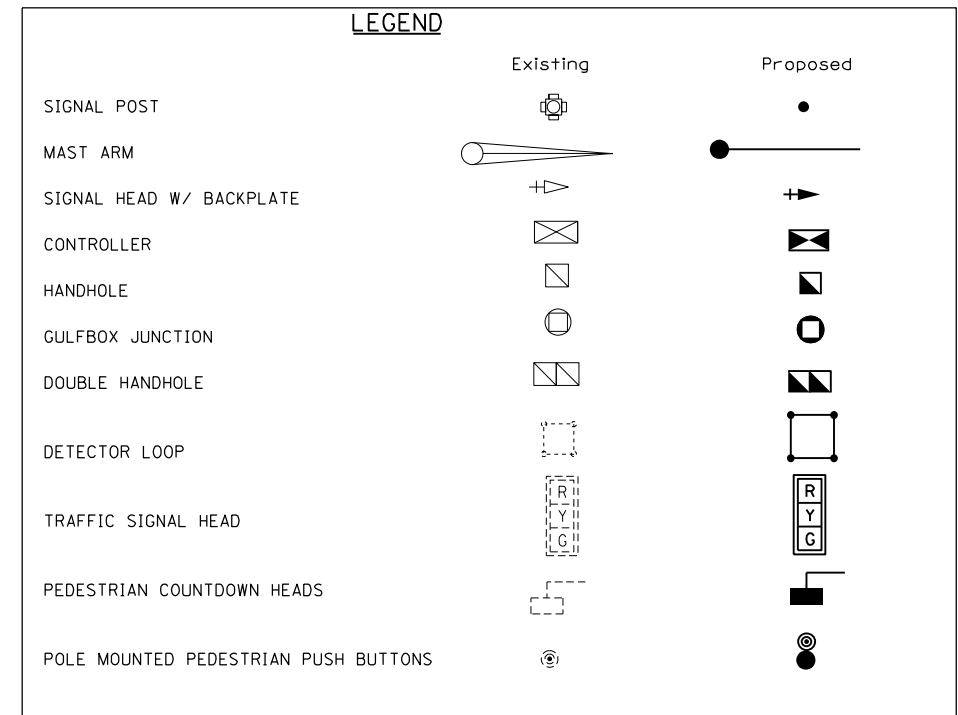
TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED SIGNAL HEAD PAY ITEMS.

ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES (STANDARD, COMBINATION, OR DUAL) MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.

NUMBER OF TURNS REQUIRED IN DETECTOR LOOPS

6 X 6		6 X 30		6 X 40		LOOP SIZE
		0	491	0	627	2 TURNS
		492	982	628	1255	3 TURNS
0	545	983	1636	1256	2091	4 TURNS
546	818	1637	2455	2092	3136	5 TURNS
819	1145	2456	3436			6 TURNS
1146	1527					7 TURNS
1528	1964					8 TURNS
1965	2455					9 TURNS
2456	3000					10 TURNS

Distance from the Controller Cabinet



PHASE DESIGNATION DIAGRAM
15TH STREET & LEXINGTON AVE.
NO SCALE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF 15TH STREET & LEXINGTON AVE.
DETAILS**

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15.16)Z RS-2	LAWRENCE	63	27
CONTRACT NO. 74473			ILLINOIS FED. AID PROJECT	

BILL OF MATERIALS-15th St & Lexington Ave.

CODE	ITEM	UNIT	QUANTITY
81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA	FOOT	32
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA	FOOT	55
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	71
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA	FOOT	160
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA	FOOT	16
81400100	HANDHOLE	EACH	4
81400300	DOUBLE HANDHOLE	EACH	1
81500100	GULFBOX JUNCTION	EACH	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 3C	FOOT	793
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 5C	FOOT	870
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 7C	FOOT	112
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN NO 14 1 PAIR	FOOT	201
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO 6 2C	FOOT	62
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	373
87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT	EACH	1
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	5
87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	4
87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT	EACH	1
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	18
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30.5

CODE	ITEM	UNIT	QUANTITY
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
88102810	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	EACH	4
88102830	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED	EACH	2
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	14
88500100	INDUCTIVE LOOP DETECTOR	EACH	4
88600100	DETECTOR LOOP, TYPE I	FOOT	224
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
X8050115	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1

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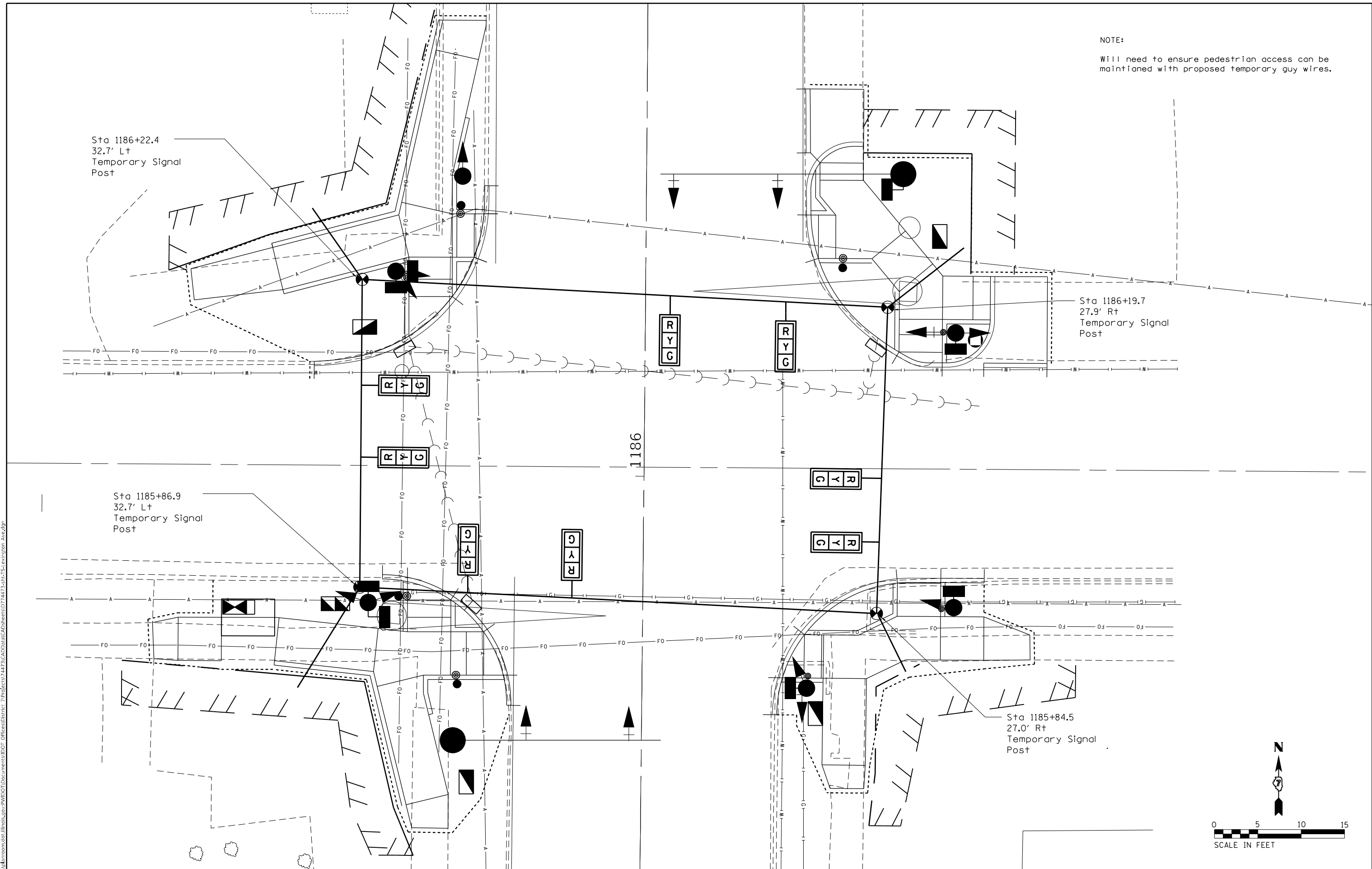
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF 15TH STREET & LEXINGTON AVE.
QUANTITIES**

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	28
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

NOTE:
Will need to ensure pedestrian access can be maintained with proposed temporary guy wires.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF 15TH & LEXINGTON AVE
TEMPORARY SIGNALS**

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15,16) Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 29
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

***REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT**

(QUANTITY: 1 EACH)

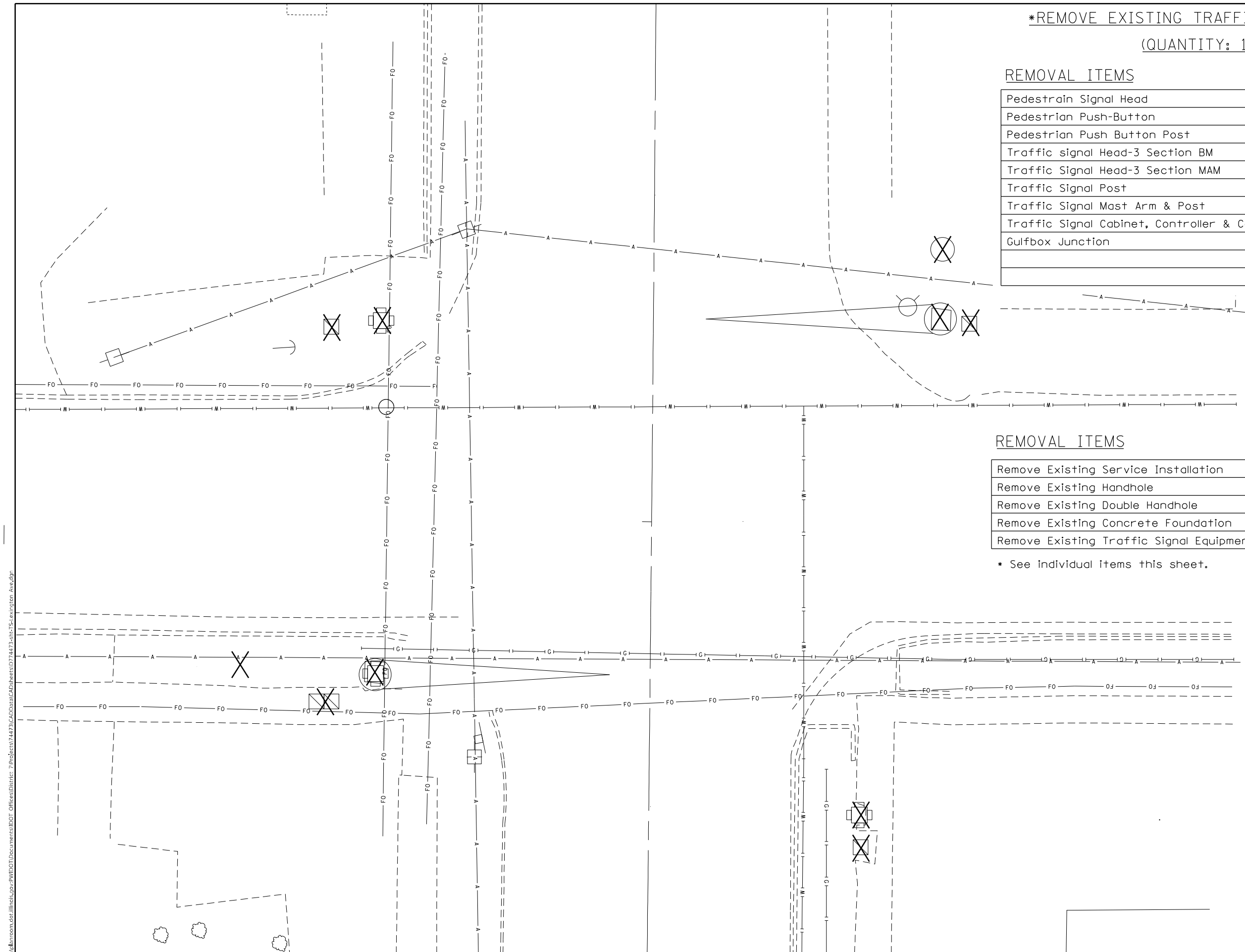
REMOVAL ITEMS

	Total	NW	NE	SE	SW
Pedestrian Signal Head	8	2	2	2	2
Pedestrian Push-Button	8	2	2	2	2
Pedestrian Push Button Post	0	-	-	-	-
Traffic signal Head-3 Section BM	5	1	1	1	2
Traffic Signal Head-3 Section MAM	4	-	2	-	2
Traffic Signal Post	2	1	-	-	1
Traffic Signal Mast Arm & Post	2	-	1	-	1
Traffic Signal Cabinet, Controller & Components	1	-	-	-	1
Gulfbbox Junction	0	-	-	-	-

REMOVAL ITEMS

	Total	NW	NE	SE	SW
Remove Existing Service Installation	Each 1	-	-	-	1
Remove Existing Handhole	Each 3	1	1	1	-
Remove Existing Double Handhole	Each 1	-	-	-	1
Remove Existing Concrete Foundation	Each 5	1	2	1	1
Remove Existing Traffic Signal Equipment *	Each 1				

* See individual items this sheet.



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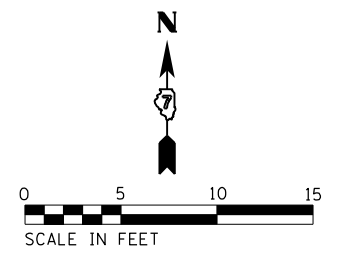
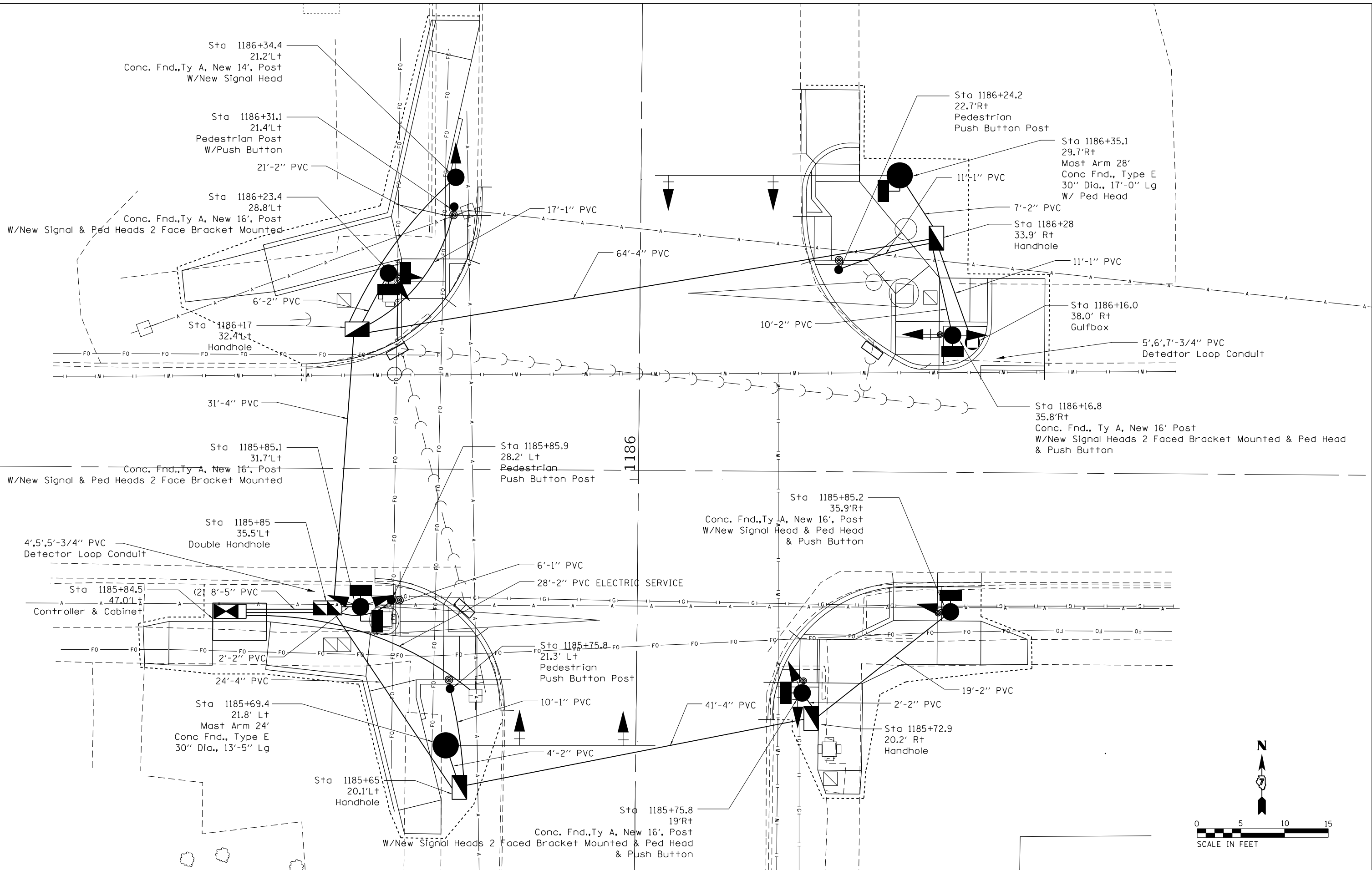
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF 15TH & LEXINGTON AVE
TRAFFIC SIGNAL REMOVAL

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15,16) Z RS-2	LAWRENCE	63	30
CONTRACT NO. 74473			ILLINOIS FED. AID PROJECT	



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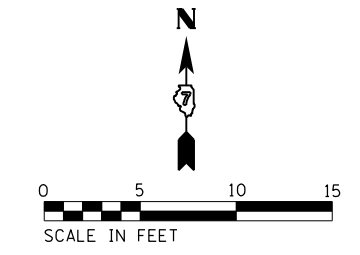
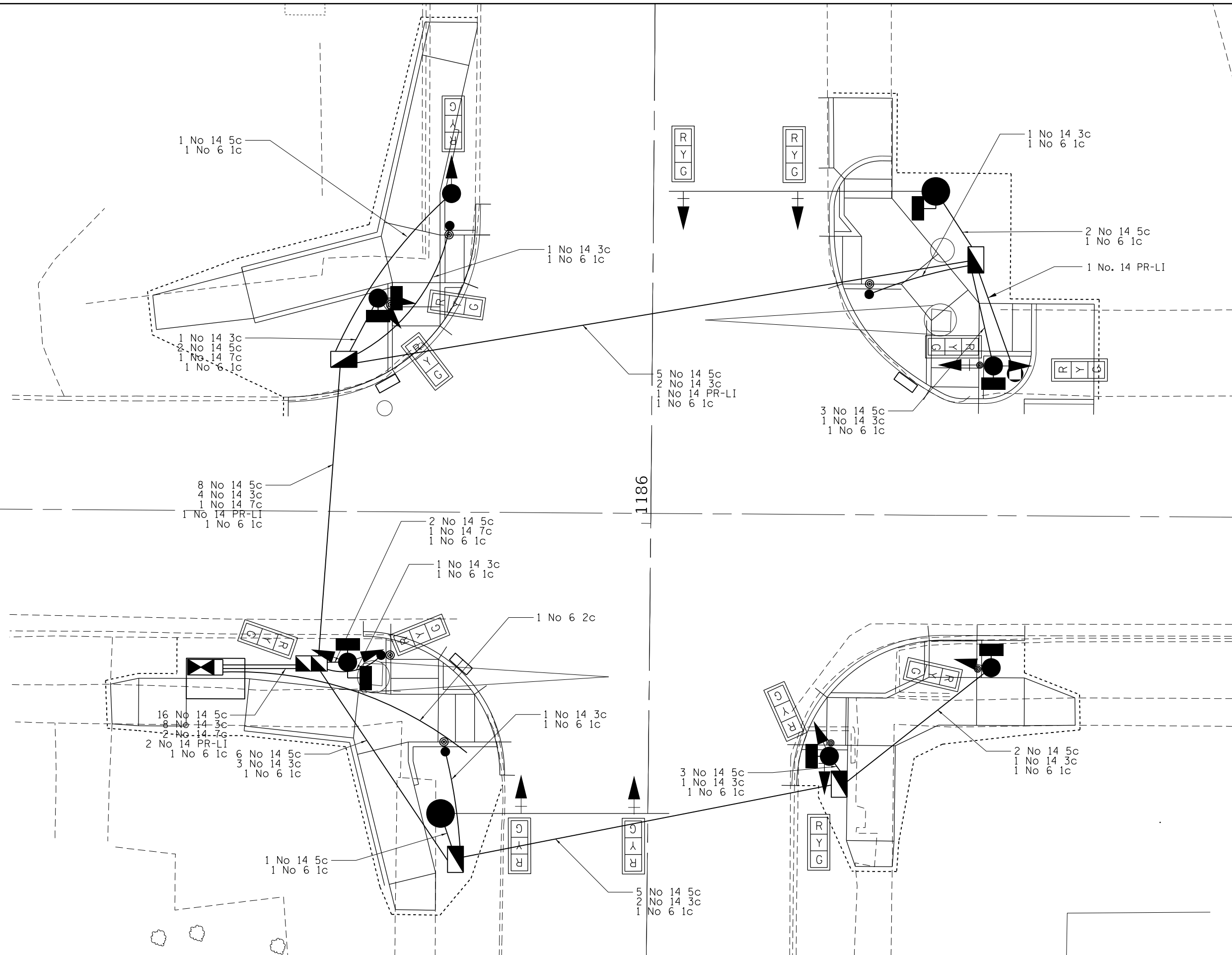
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF 15TH & LEXINGTON AVE	
SIGNAL LAYOUT	
SCALE:	TO STA.
SHEET 5	OF 8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(15,16) Z RS-2	LAWRENCE	63	31
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF 15TH & LEXINGTON AVE
CABLE LAYOUT

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

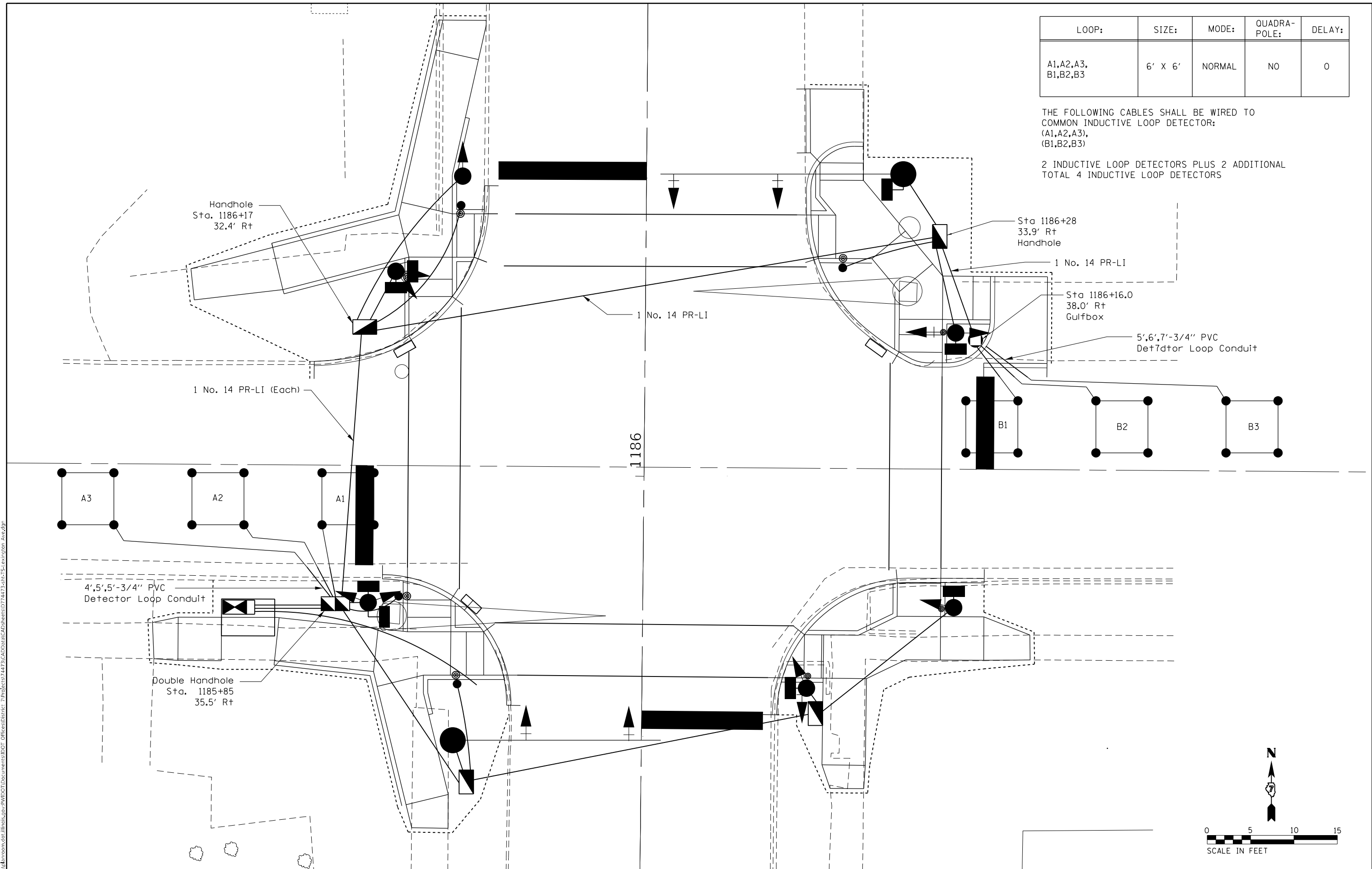
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15,16) Z RS-2	LAWRENCE	63	32
CONTRACT NO. 74473				

ILLINOIS FED. AID PROJECT

LOOP:	SIZE:	MODE:	QUADRA-POLE:	DELAY:
A1,A2,A3, B1,B2,B3	6' X 6'	NORMAL	NO	0

THE FOLLOWING CABLES SHALL BE WIRED TO COMMON INDUCTIVE LOOP DETECTOR:
(A1,A2,A3),
(B1,B2,B3)

2 INDUCTIVE LOOP DETECTORS PLUS 2 ADDITIONAL
TOTAL 4 INDUCTIVE LOOP DETECTORS



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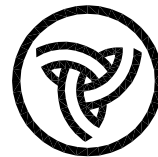
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF 15TH & LEXINGTON AVE
DETECTOR LOOPS

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15,16) Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74473	



SOIL BORING LOG

ROUTE FAP 332 DESCRIPTION 15th and Lexington LOGGED BY E. Sandschafer

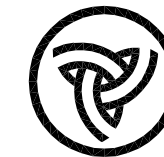
SECTION (15,16)Z RS-2 LOCATION East 1/2, SEC. 1, TWP. 3N, RNG. 12W, 2nd PM, Latitude N 38.727039, Longitude W 87.687450

COUNTY Lawrence DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
BORING NO.	Station	H	S	Qu	T	Groundwater Elev.:		H	S	Qu	T
	Offset	(ft)	(/6")	(tsf)	(%)	First Encounter	ft	(ft)	(/6")	(tsf)	(%)
	Ground Surface Elev.					Upon Completion	ft				
						After	Hrs.				
3" Asphalt over 3-3/4" Brick Pavers over 6" Concrete	448.82					Very dense, moist, grey, CLAY SHALE	428.82	17	4.5	10	
Brown, CLAY						Pokerchipped, broken		41	P		
Stiff, moist		3			24	Benchmark: BM 1901 - Chiseled square on southeast corner of traffic signal base located at southwest corner of IL 1 and Lexington Avenue.					
		4	1.9			End of Boring					
	444.82	-5						-25			
Soft, moist, tan, SILT		3	0.3		26						
		3	B								
Very soft		1									
		1	0.2		29						
		2	B								
	439.82	-10						-30			
Medium, moist, grey and brown marbled, SILTY CLAY		1	1.0		32						
		2	B								
Stiff, brown		1									
		1	1.1		21						
		3	B								
	434.82	-15						-35			
Stiff, moist, brown and grey marbled, CLAY		2	1.6		23						
		3	B								
		3									
	431.82	9	2.7		13						
Very stiff, moist, brown, CLAY SHALE		20	B								
		3									
	429.82	-20						-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)



SOIL BORING LOG

ROUTE FAP 332 DESCRIPTION 15th and Lexington LOGGED BY E. Sandschafer

SECTION (15,16)Z RS-2 LOCATION East 1/2, SEC. 1, TWP. 3N, RNG. 12W, 2nd PM, Latitude N 38.727033, Longitude W 87.687139

COUNTY Lawrence DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
BORING NO.	Station	H	S	Qu	T	Groundwater Elev.:		H	S	Qu	T
	Offset	(ft)	(/6")	(tsf)	(%)	First Encounter	ft	(ft)	(/6")	(tsf)	(%)
	Ground Surface Elev.					Upon Completion	ft				
						After	Hrs.				
3" Asphalt over 3-3/4" Brick Paver over 5-1/2" Concrete	447.90					Very dense, moist, brown, CLAY SHALE	428.40	9	4.5	13	
Brown, CLAY						Pokerchipped		12	P		
Very stiff, moist		3				Benchmark: BM 1901 - Chiseled square on southeast corner of traffic signal base located at southwest corner of IL 1 and Lexington Avenue.					
		4	2.7		25	End of Boring					
		5	B								
	425.40							30	4.5	13	
								50	E		
	442.90	-5						-25			
Very soft, moist, brown, SILT		2									
		2	0.2		27						
		3	B								
Soft		2									
		2	0.3		38						
		3	B								
	436.90	-10						-30			
Soft, moist, brown, SILTY CLAY		2									
		1	0.5		21						
		2	B								
	433.90	-15						-35			
Medium, moist, brown and grey marbled, CLAY		1	1.0		23						
		3	B								
Stiff		2									
		2	1.7		22						
		4	B								
	428.90	-20						-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

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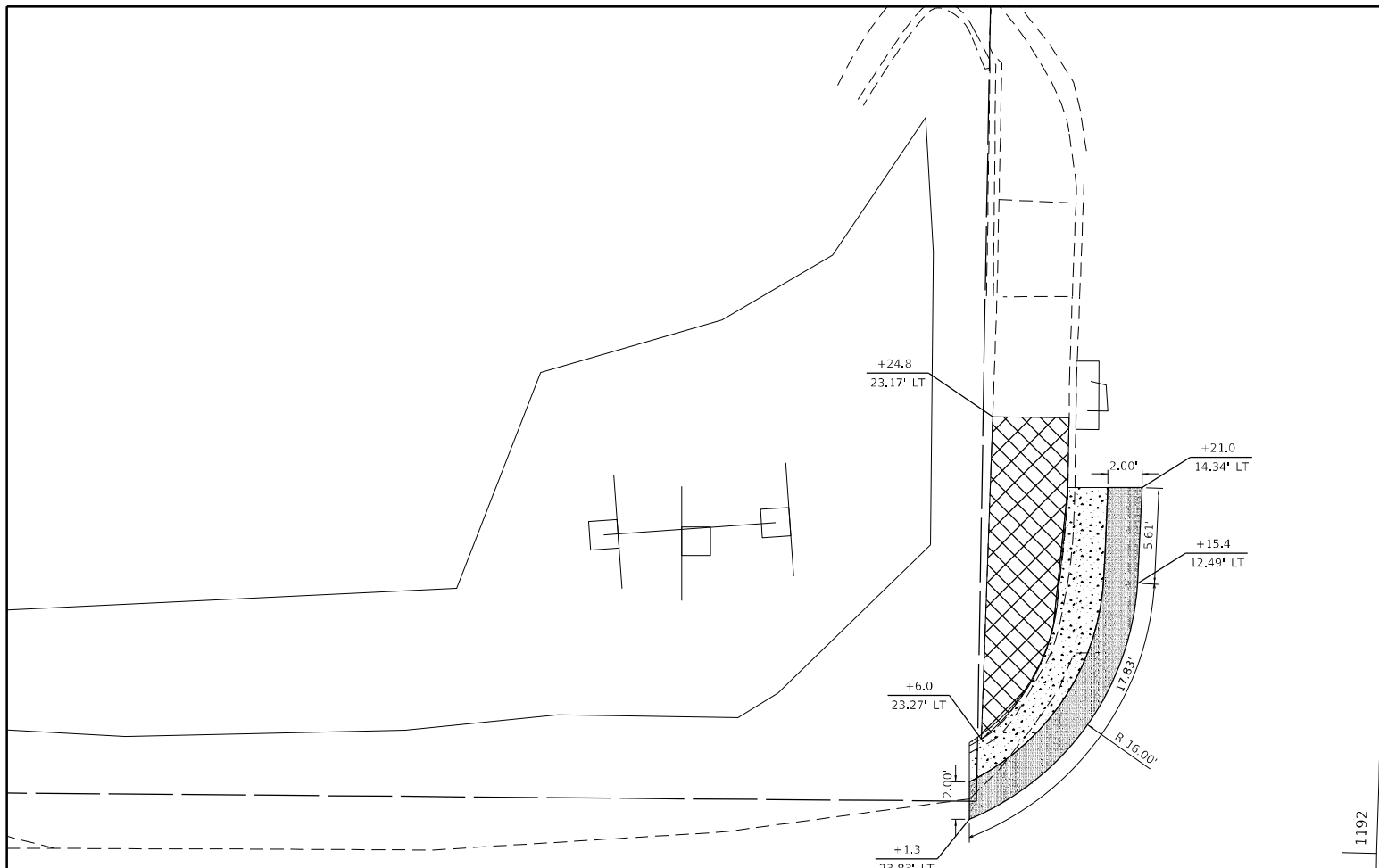
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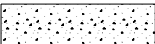

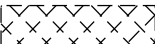
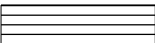
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

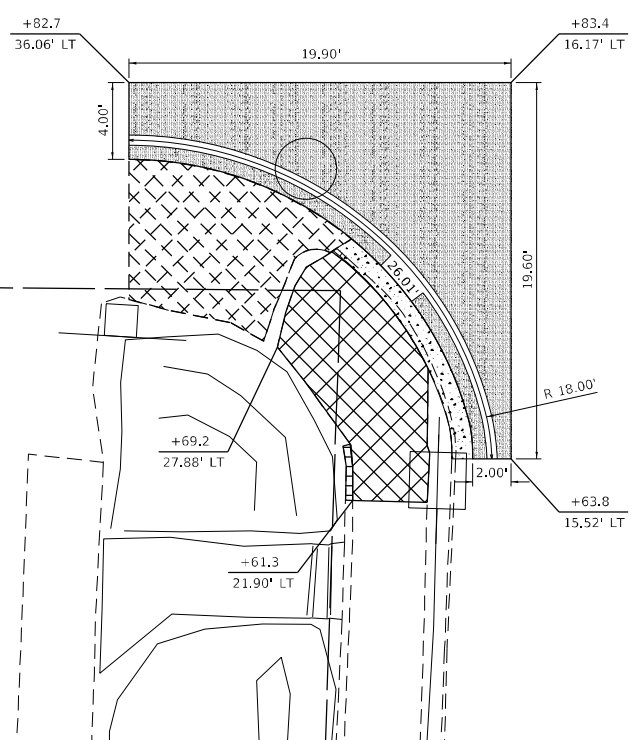
INTERSECTION OF 15TH STREET & LEXINGTON AVE.
SOIL BORINGS

SCALE: SHEET 8 OF 8 SHEETS STA. TO STA.

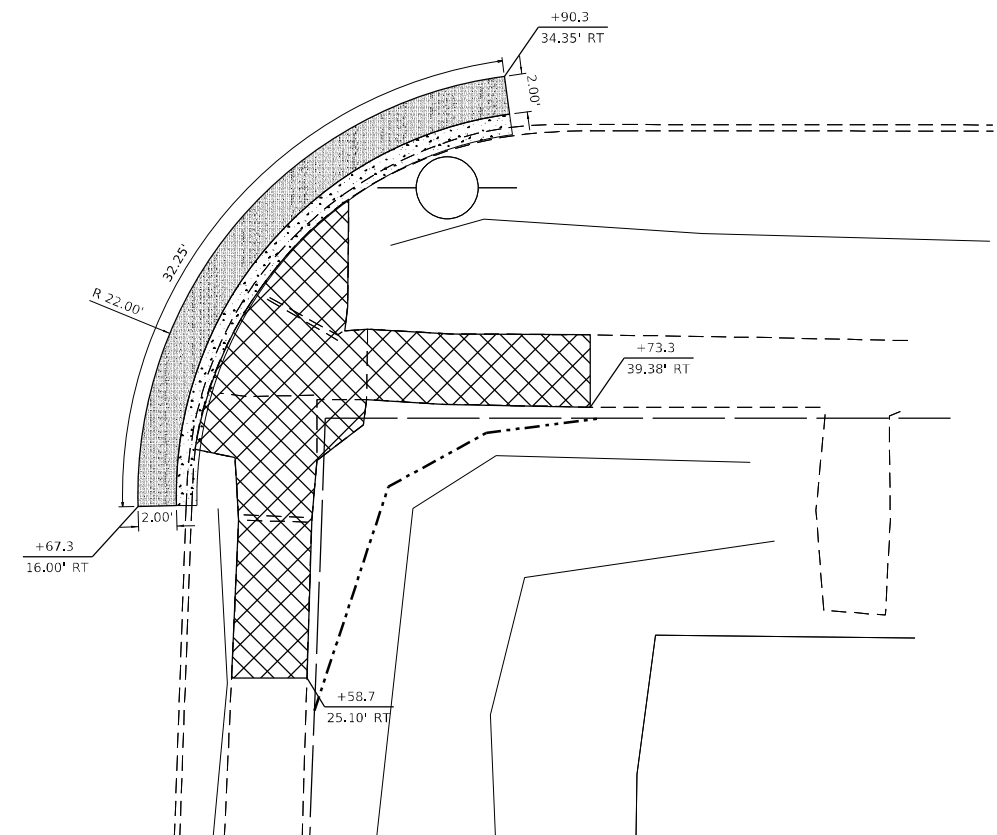
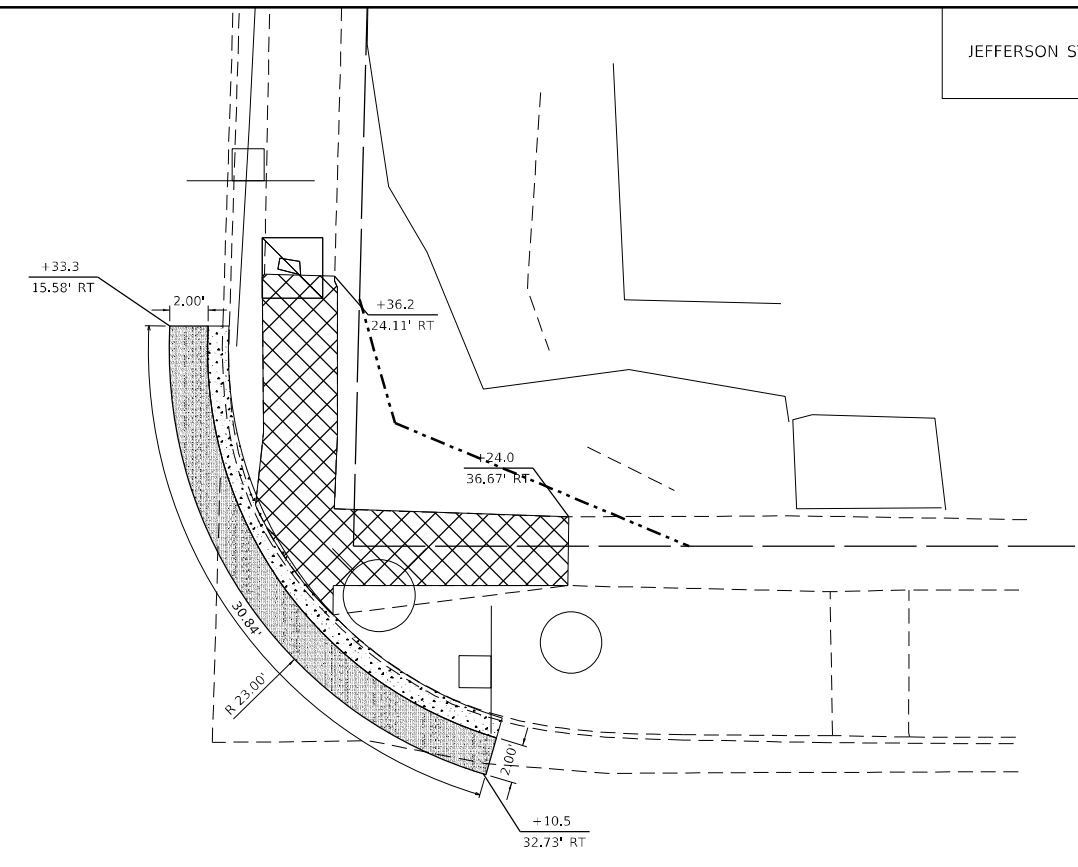
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15,16) Z RS-2	LAWRENCE	63	34
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				



-  SIDEWALK REMOVAL
-  CURB AND GUTTER REMOVAL
-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  CURB REMOVAL



1192



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

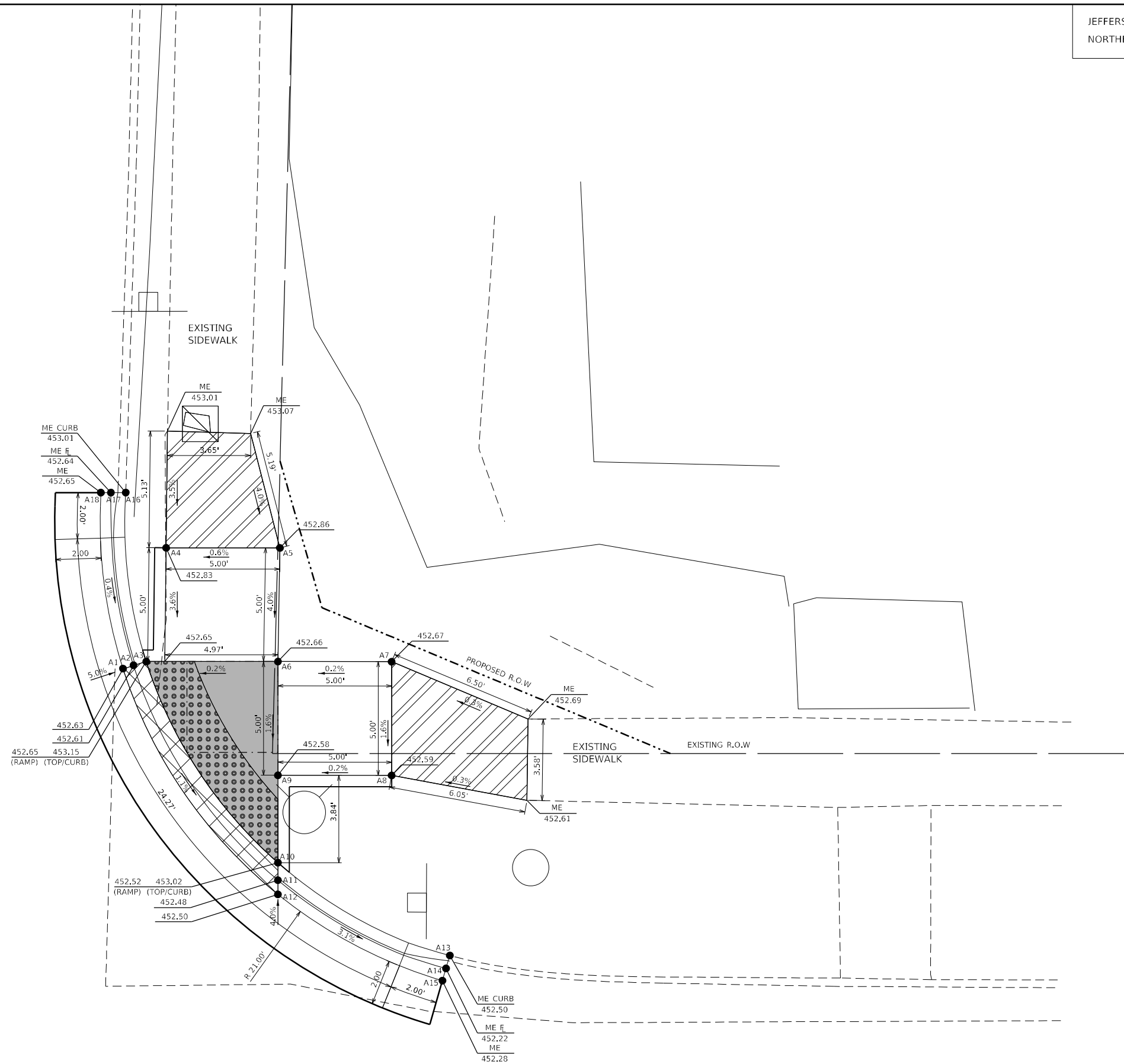
**ADA REMOVAL DETAILS
JEFFERSON STREET INTERSECTION**

SCALE: N/A SHEET 1 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	35
			CONTRACT NO. 74473	
ILLINOIS FED. AID PROJECT				



CRITICAL POINTS		
POINT	STATION	OFFSET
A1	1192+25.68	18.81' RT
A2	1192+28.84	19.26' RT
A3	1192+26.04	19.81' RT
A4	1192+31.05	20.54' RT
A5	1192+31.19	25.54' RT
A6	1192+26.20	25.60' RT
A7	1192+26.34	30.60' RT
A8	1192+21.36	30.75' RT
A9	1192+21.21	25.75' RT
A10	1192+17.38	25.86' RT
A11	1192+16.62	25.89' RT
A12	1192+15.99	25.90' RT
A13	1192+13.54	33.54' RT
A14	1192+12.97	33.39' RT
A15	1192+12.43	33.25' RT
A16	1192+33.40	18.70' RT
A17	1192+33.40	18.05' RT
A18	1192+33.39	17.61' RT



- ME MATCH EXISTING
- DEPRESSED CURB & GUTTER
- TRANSITIONAL SEGMENT
- TURNING SPACE/LANDING

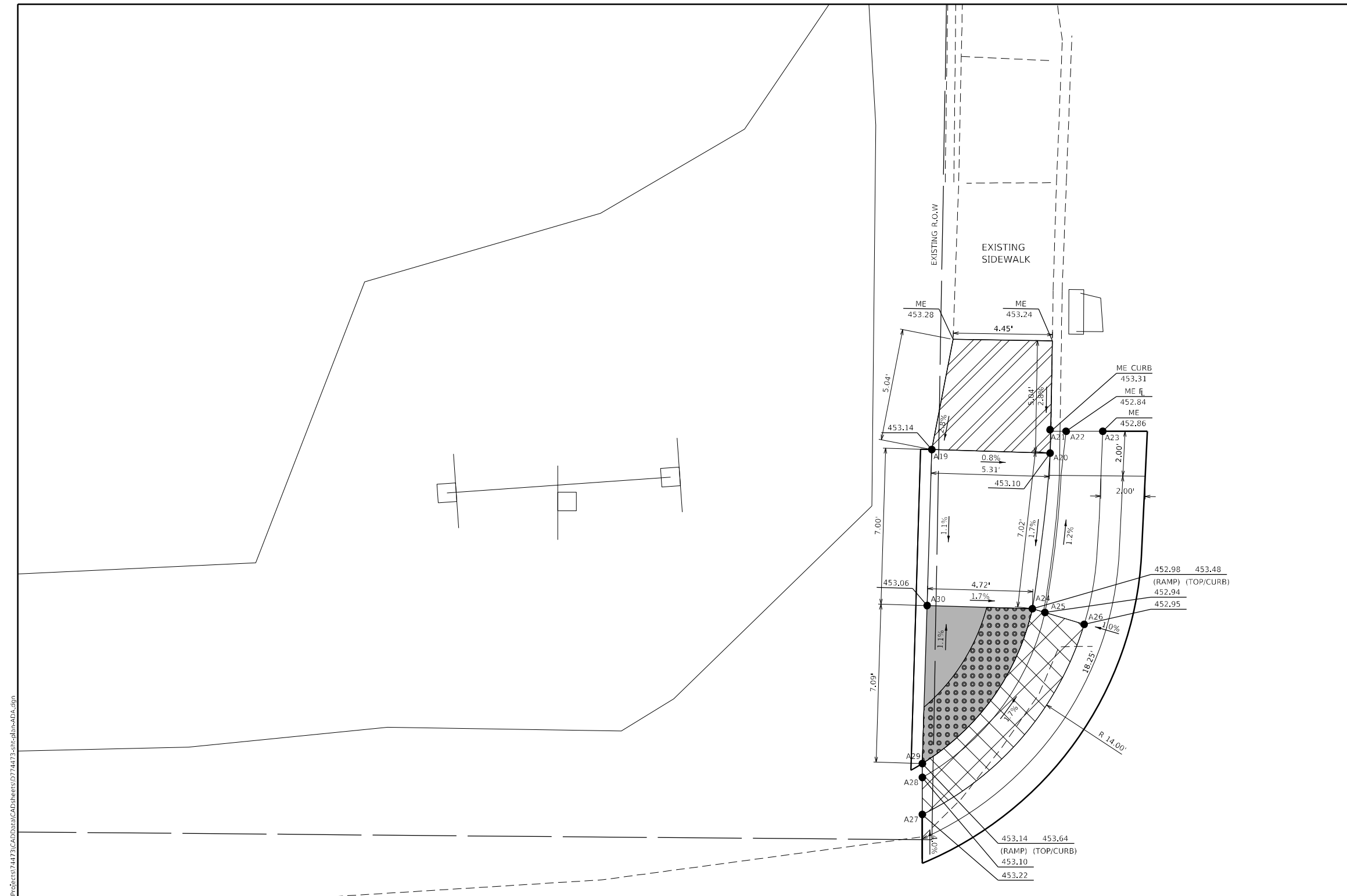
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA CONSTRUCTION DETAILS			
JEFFERSON STREET - NE QUAD			
SCALE: N/A	SHEET 2	OF 23 SHEETS	STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74473	



CRITICAL POINTS		
POINT	STATION	OFFSET
A19	1192+19.86	23.98' LT
A20	1192+19.86	18.67' LT
A21	1192+20.84	18.66' LT
A22	1192+20.87	17.98' LT
A23	1192+20.91	16.34' LT
A24	1192+12.85	19.26' LT
A25	1192+12.70	18.69' LT
A26	1192+12.22	16.91' LT
A27	1192+03.46	23.91' LT
A28	1192+05.12	23.96' LT
A29	1192+05.75	23.98' LT
A30	1192+12.85	23.98' LT

- ME MATCH EXISTING
- DEPRESSED CURB & GUTTER
- TRANSITIONAL SEGMENT
- TURNING SPACE/LANDING

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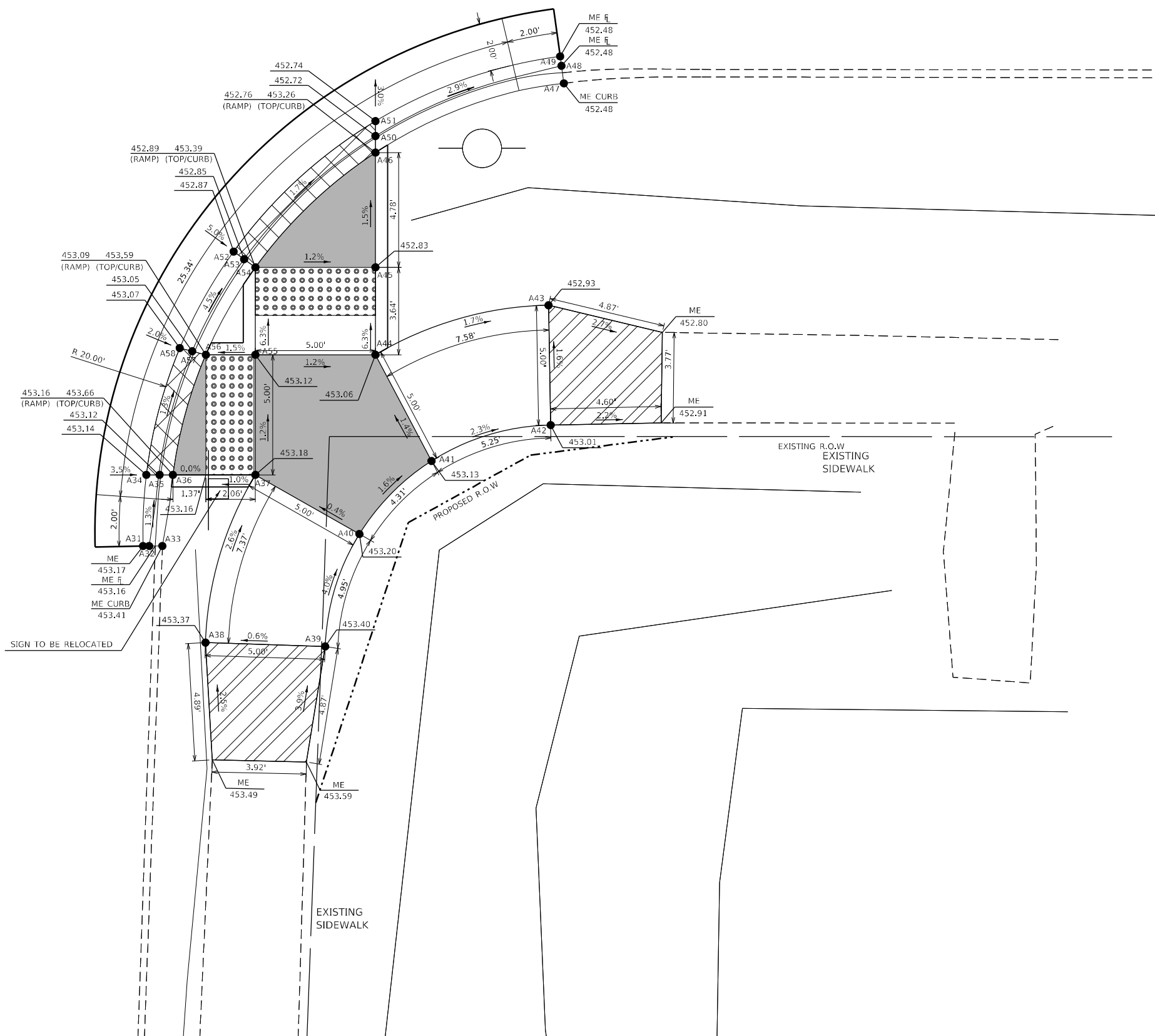
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA CONSTRUCTION DETAILS			
JEFFERSON STREET - NW QUAD			
SCALE: N/A	SHEET 3	OF 23 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74473	



CRITICAL POINTS		
POINT	STATION	OFFSET
A31	1191+67.42	18.00' RT
A32	1191+67.43	18.25' RT
A33	1191+67.45	18.80' RT
A34	1191+70.38	18.04' RT
A35	1191+70.40	18.55' RT
A36	1191+70.42	19.14' RT
A37	1191+70.53	22.57' RT
A38	1191+63.49	20.73' RT
A39	1191+63.50	25.72' RT
A40	1191+68.22	26.98' RT
A41	1191+71.35	29.88' RT
A42	1191+73.01	34.79' RT
A43	1191+77.98	34.54' RT
A44	1191+75.69	27.40' RT
A45	1191+79.32	27.28' RT
A46	1191+84.08	27.13' RT
A47	1191+87.21	34.88' RT
A48	1191+87.94	34.75' RT
A49	1191+88.32	34.68' RT
A50	1191+84.77	27.11' RT
A51	1191+85.39	27.09' RT
A52	1191+79.78	21.36' RT
A53	1191+79.48	21.80' RT
A54	1191+79.15	22.29' RT
A55	1191+75.52	22.41' RT
A56	1191+75.45	20.35' RT
A57	1191+75.58	19.77' RT
A58	1191+75.70	19.25' RT



- ME MATCH EXISTING
- DEPRESSED CURB & GUTTER
- TRANSITIONAL SEGMENT
- TURNING SPACE/LANDING

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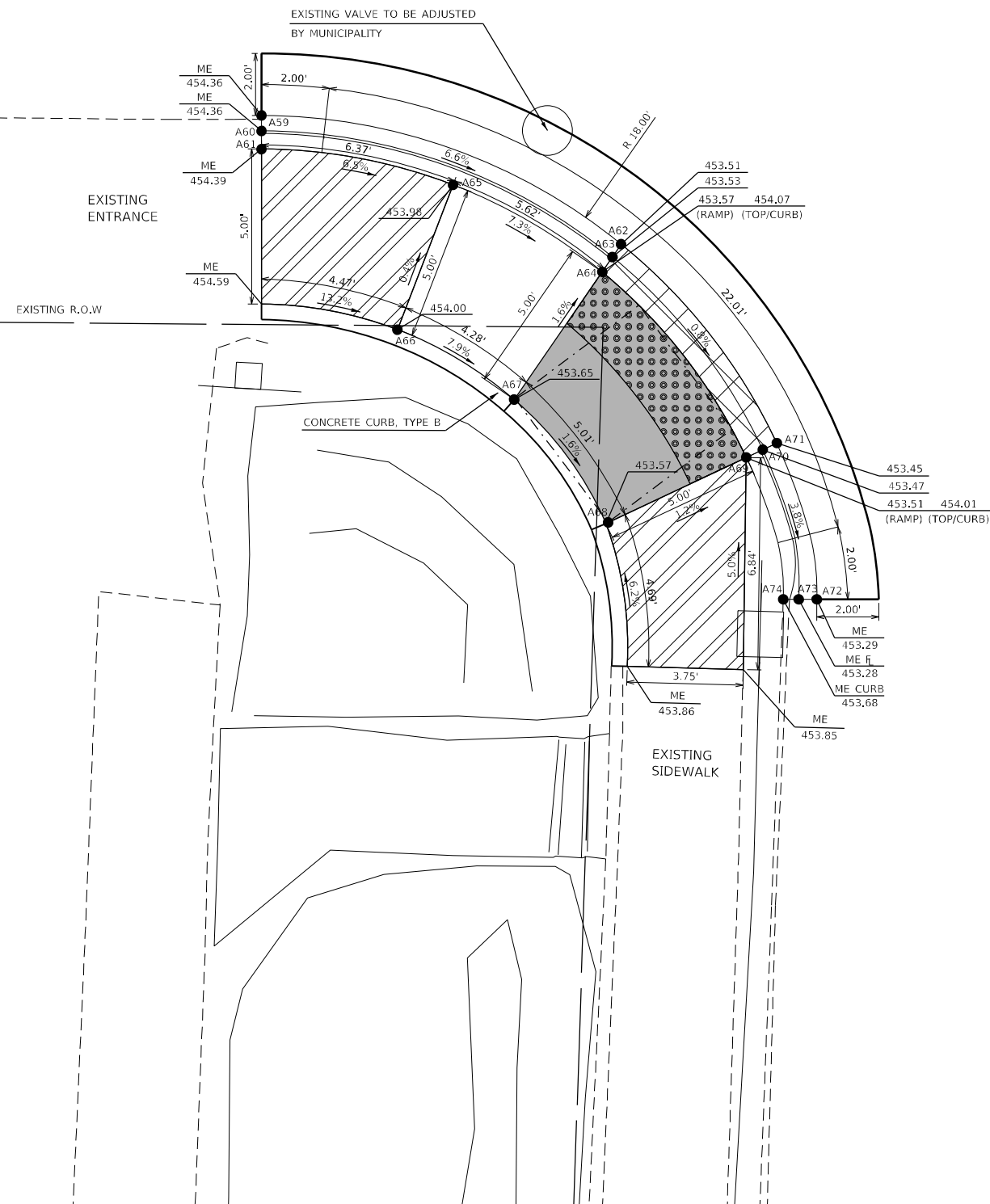
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA CONSTRUCTION DETAILS
JEFFERSON STREET - SE QUAD**

SCALE: N/A SHEET 4 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	38
			CONTRACT NO. 74473	
ILLINOIS FED. AID PROJECT				



CRITICAL POINTS		
POINT	STATION	OFFSET
A59	1191+78.72	35.93' LT
A60	1191+78.22	35.91' LT
A61	1191+77.64	35.89' LT
A62	1191+74.95	24.21' LT
A63	1191+74.53	24.47' LT
A64	1191+74.03	24.78' LT
A65	1191+76.69	29.68' LT
A66	1191+71.95	31.32' LT
A67	1191+69.82	27.49' LT
A68	1191+65.92	24.40' LT
A69	1191+68.20	19.95' LT
A70	1191+68.47	19.42' LT
A71	1191+68.70	18.97' LT
A72	1191+63.70	17.52' LT
A73	1191+63.68	18.10' LT
A74	1191+63.66	18.60' LT

- ME MATCH EXISTING
- DEPRESSED CURB & GUTTER
- TRANSITIONAL SEGMENT
- TURNING SPACE/LANDING

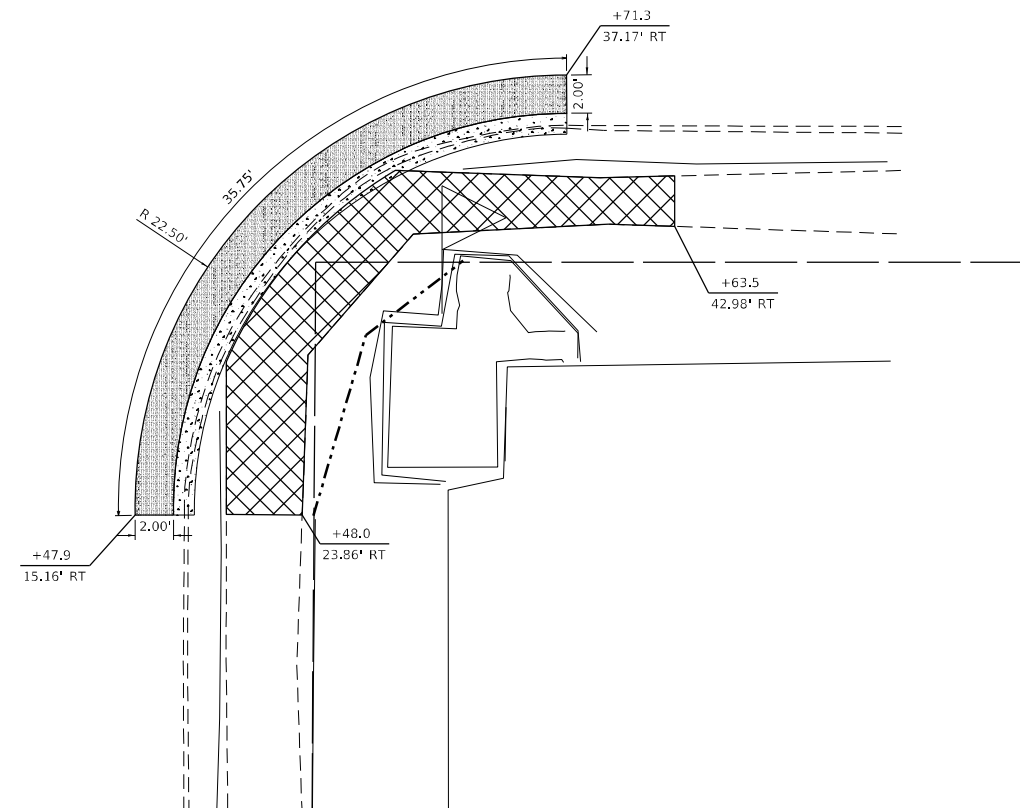
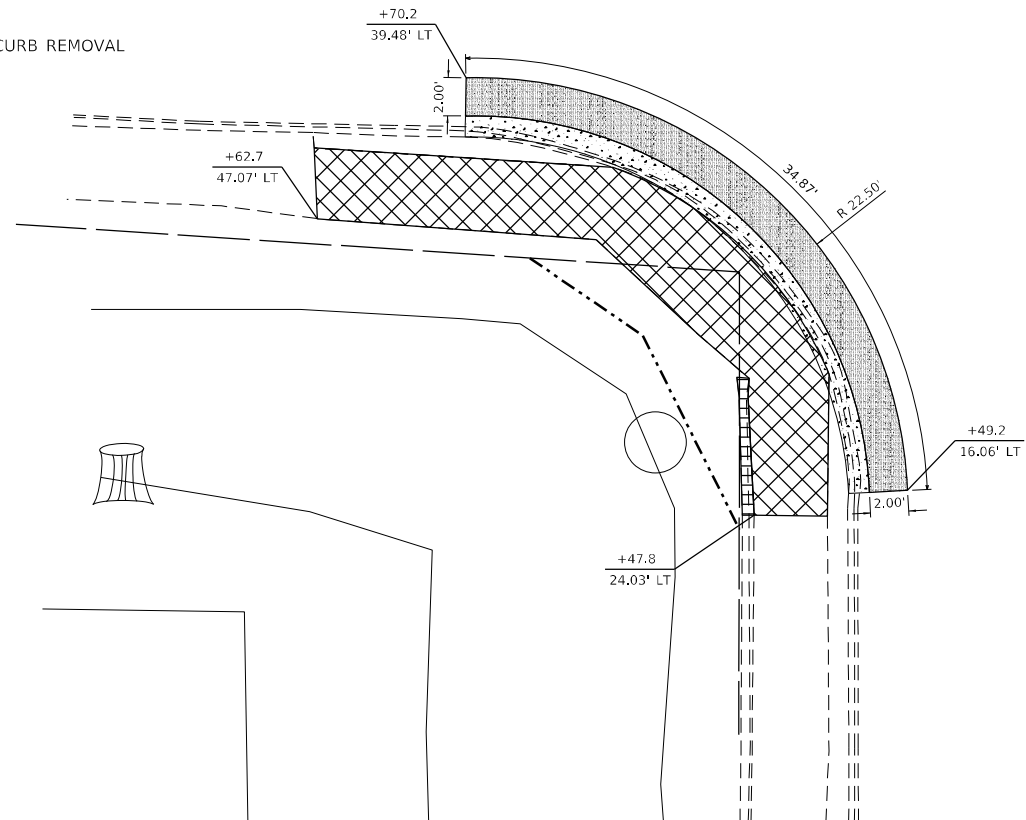
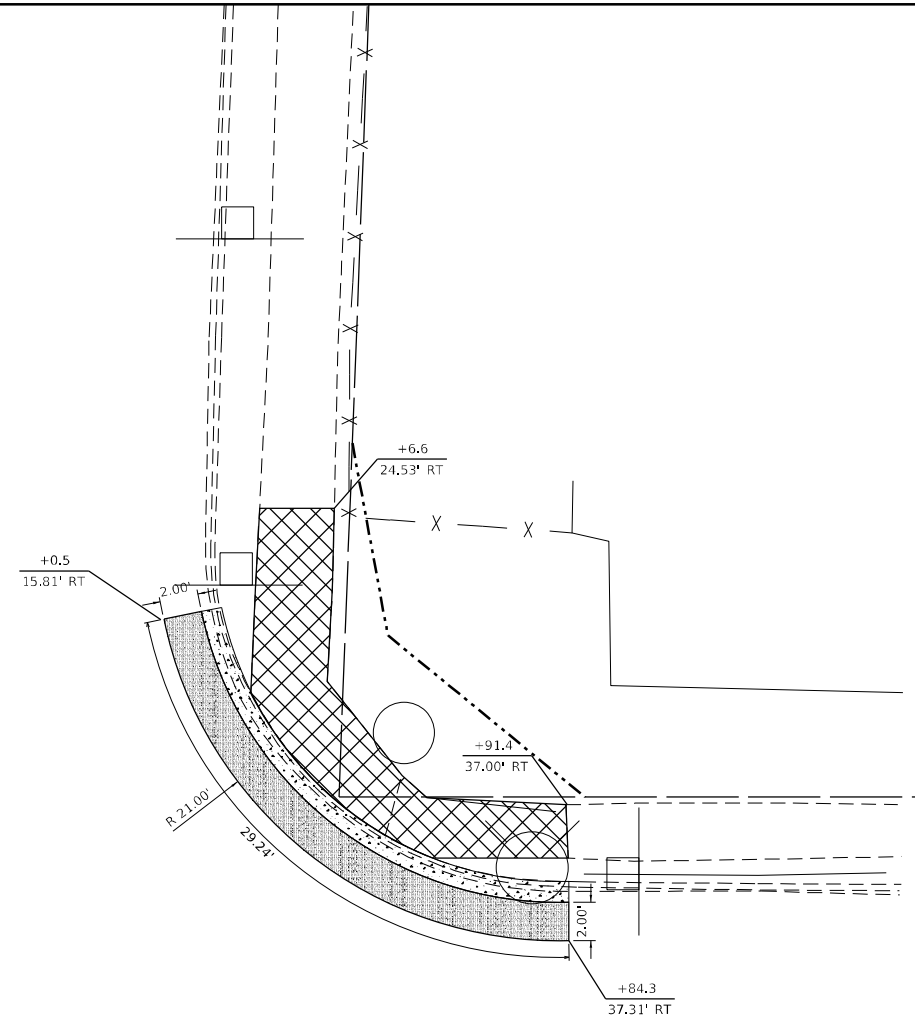
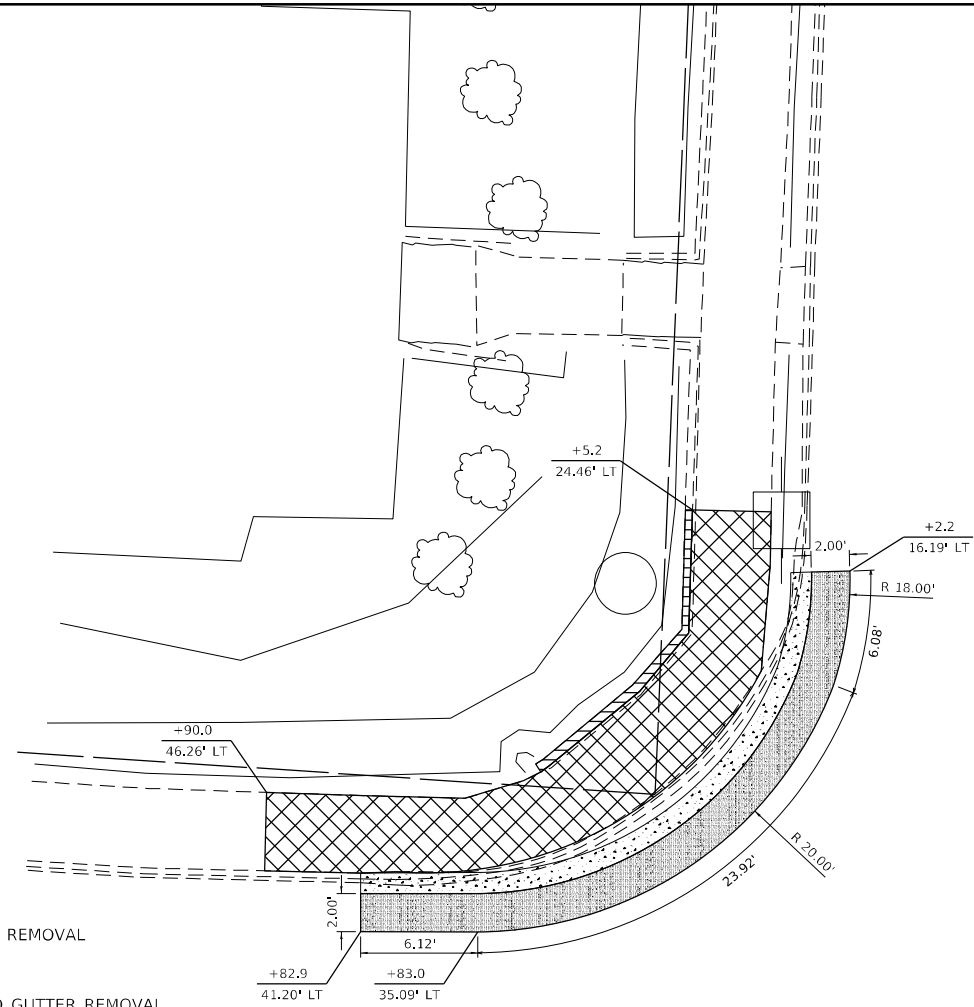
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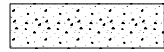


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA CONSTRUCTION DETAILS			
JEFFERSON STREET - SW QUAD			
SCALE: N/A	SHEET 5	OF 23 SHEETS	STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74473	



-  SIDEWALK REMOVAL
-  CURB AND GUTTER REMOVAL
-  PAVEMENT REMOVAL
-  CURB REMOVAL

1189

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

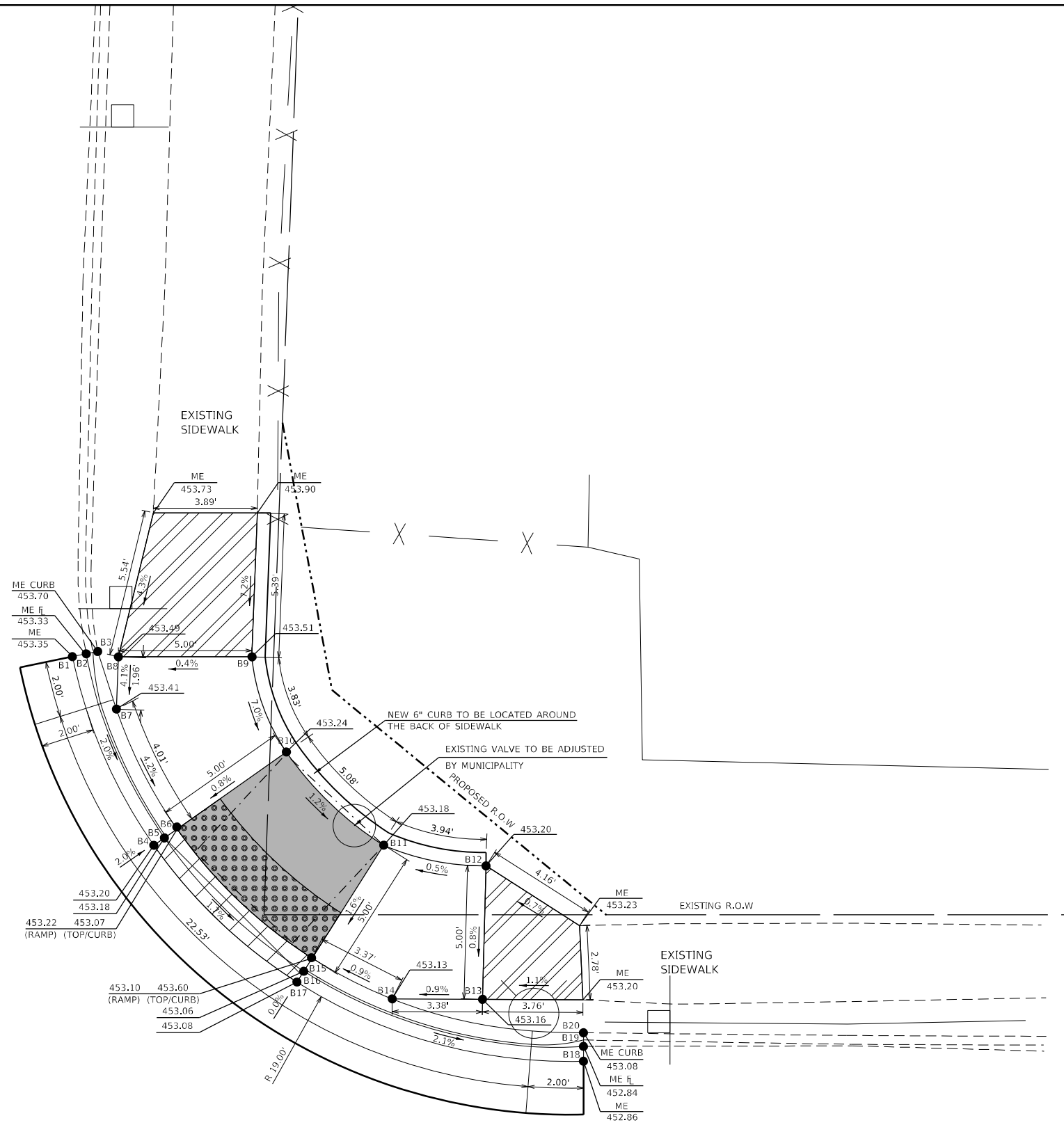
**ADA REMOVAL DETAILS
DUBOIS STREET INTERSECTION**

SCALE: N/A SHEET 6 OF 23 SHEETS STA. TO STA.


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	40
			CONTRACT NO. 74473	
ILLINOIS FED. AID PROJECT				





CRITICAL POINTS		
POINT	STATION	OFFSET
B1	1189+01.00	17.75' RT
B2	1189+01.11	18.27' RT
B3	1189+01.21	18.70' RT
B4	1188+93.99	20.99' RT
B5	1188+94.28	21.37' RT
B6	1188+94.63	21.83' RT
B7	1188+99.07	19.46' RT
B8	1189+01.04	19.48' RT
B9	1189+01.17	24.56' RT
B10	1188+97.62	25.86' RT
B11	1188+94.21	29.59' RT
B12	1188+93.53	33.44' RT
B13	1188+88.50	33.43' RT
B14	1188+88.44	30.05' RT
B15	1188+89.90	27.01' RT
B16	1188+89.40	26.71' RT
B17	1188+88.99	26.47' RT
B18	1188+86.27	37.26' RT
B19	1188+86.83	37.25' RT
B20	1188+87.34	34.24' RT



ME MATCH EXISTING

 DEPRESSED CURB & GUTTER

 TRANSITIONAL SEGMENT

 TURNING SPACE/LANDING

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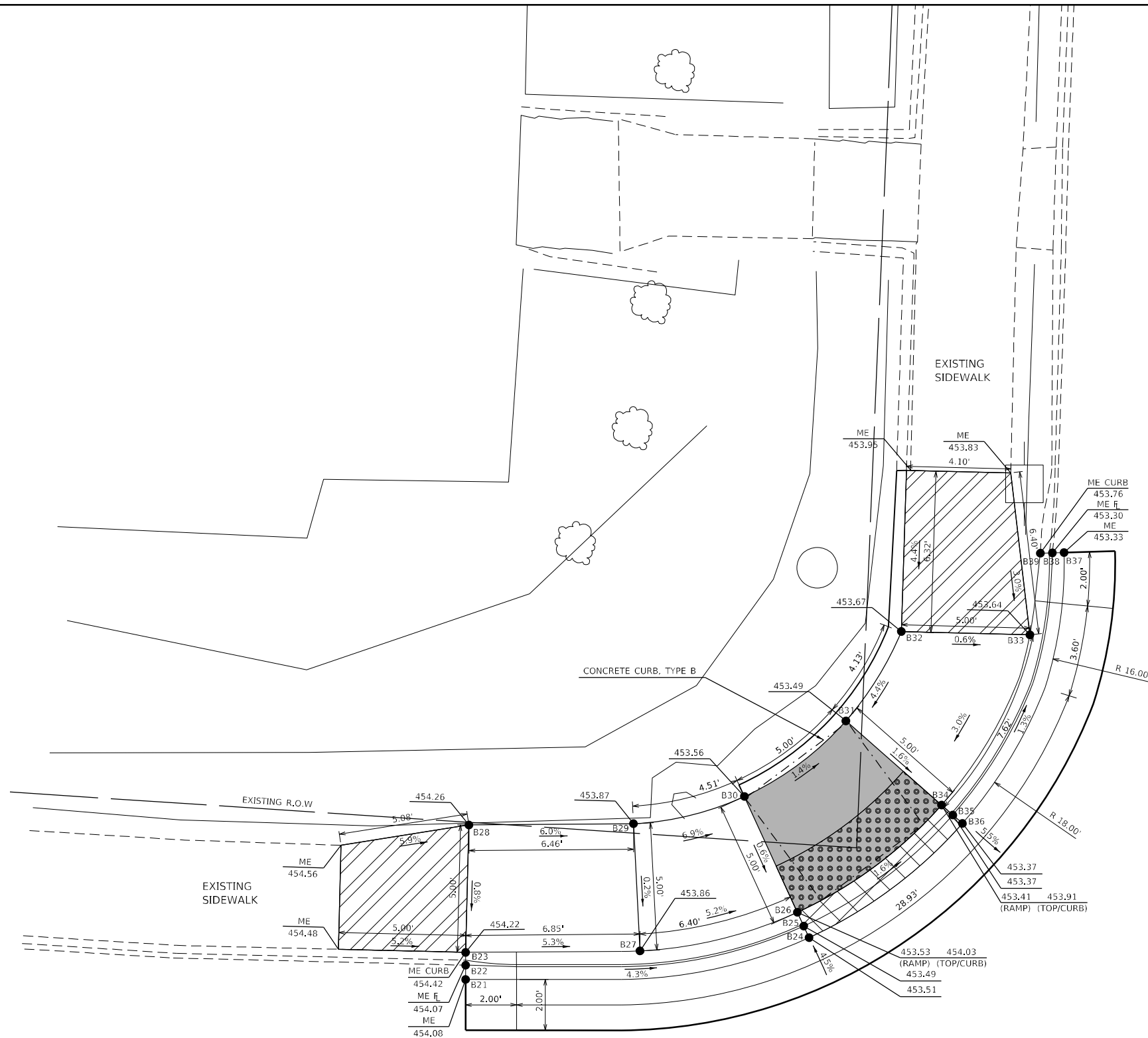
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**




**ADA CONSTRUCTION DETAILS
DUBOIS STREET - NE QUAD**

SCALE: N/A SHEET 7 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	41
		CONTRACT NO. 74473		
ILLINOIS FED. AID PROJECT				



CRITICAL POINTS		
POINT	STATION	OFFSET
B21	1188+84.85	41.25' LT
B22	1188+85.41	41.26' LT
B23	1188+85.91	40.27' LT
B24	1188+86.80	27.81' LT
B25	1188+87.25	28.03' LT
B26	1188+87.78	28.29' LT
B27	1188+86.13	34.43' LT
B28	1188+90.87	41.37' LT
B29	1188+91.08	34.81' LT
B30	1188+92.25	30.49' LT
B31	1188+95.30	26.58' LT
B32	1188+98.85	24.49' LT
B33	1188+98.85	19.44' LT
B34	1188+92.11	22.74' LT
B35	1188+91.73	22.28' LT
B36	1188+91.41	21.90' LT
B37	1189+02.11	18.18' LT
B38	1189+02.08	18.64' LT
B39	1189+02.06	19.12' LT

- ME MATCH EXISTING
-  DEPRESSED CURB & GUTTER
-  TRANSITIONAL SEGMENT
-  TURNING SPACE/LANDING

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

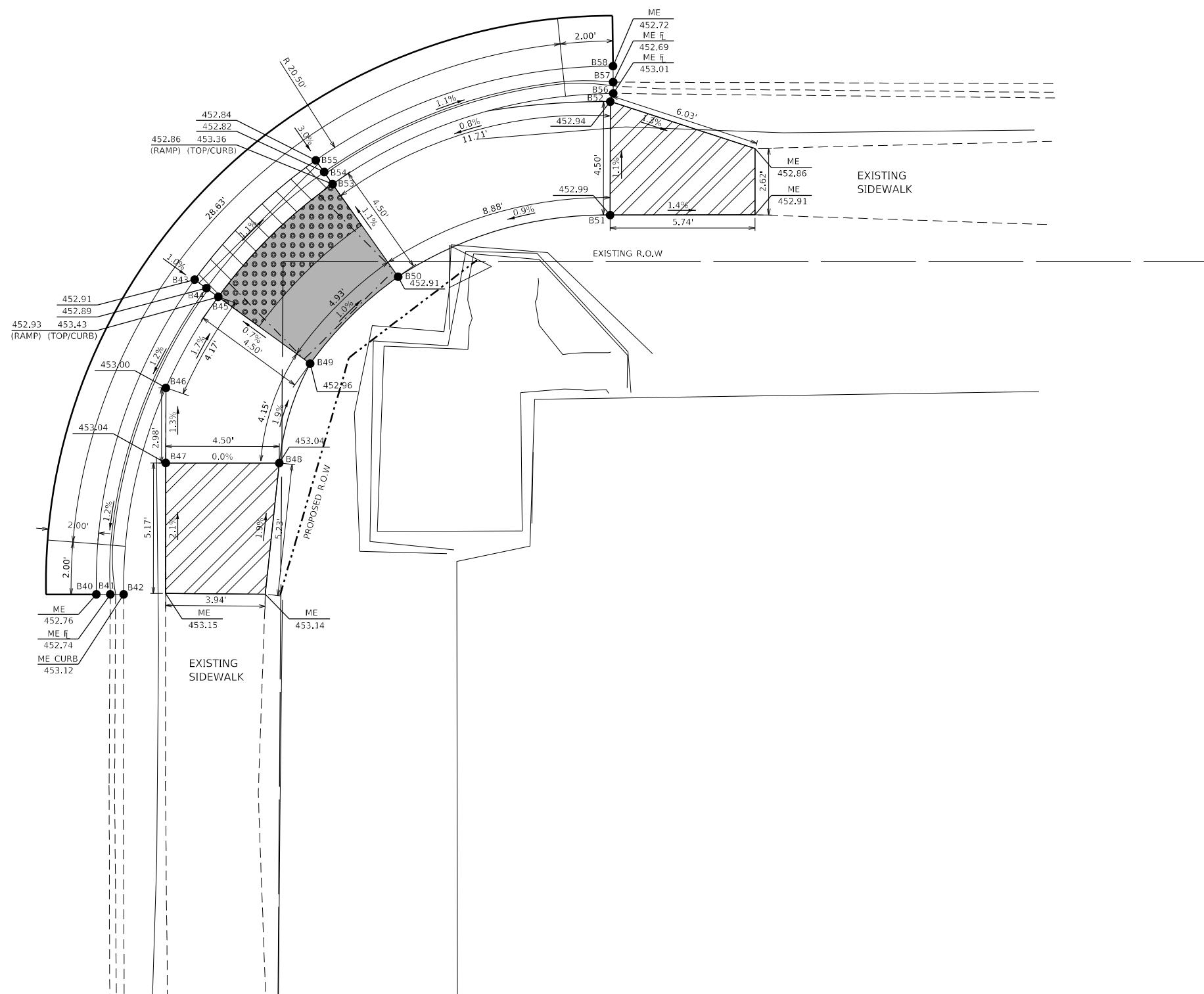
**ADA CONSTRUCTION DETAILS
DUBOIS STREET - NW QUAD**




SCALE: N/A SHEET 8 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	42
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				



CRITICAL POINTS		
POINT	STATION	OFFSET
B40	1188+47.90	17.16' RT
B41	1188+47.91	17.71' RT
B42	1188+47.92	18.24' RT
B43	1188+60.48	20.83' RT
B44	1188+60.15	21.30' RT
B45	1188+59.82	21.77' RT
B46	1188+56.16	19.77' RT
B47	1188+53.17	19.82' RT
B48	1188+53.25	24.32' RT
B49	1188+57.23	25.47' RT
B50	1188+60.76	28.89' RT
B51	1188+63.38	37.24' RT
B52	1188+67.91	37.15' RT
B53	1188+64.40	26.22' RT
B54	1188+64.87	25.87' RT
B55	1188+65.33	25.53' RT
B56	1188+68.24	37.26' RT
B57	1188+68.69	37.25' RT
B58	1188+68.24	37.23' RT



- ME MATCH EXISTING
-  DEPRESSED CURB & GUTTER
-  TRANSITIONAL SEGMENT
-  TURNING SPACE/LANDING

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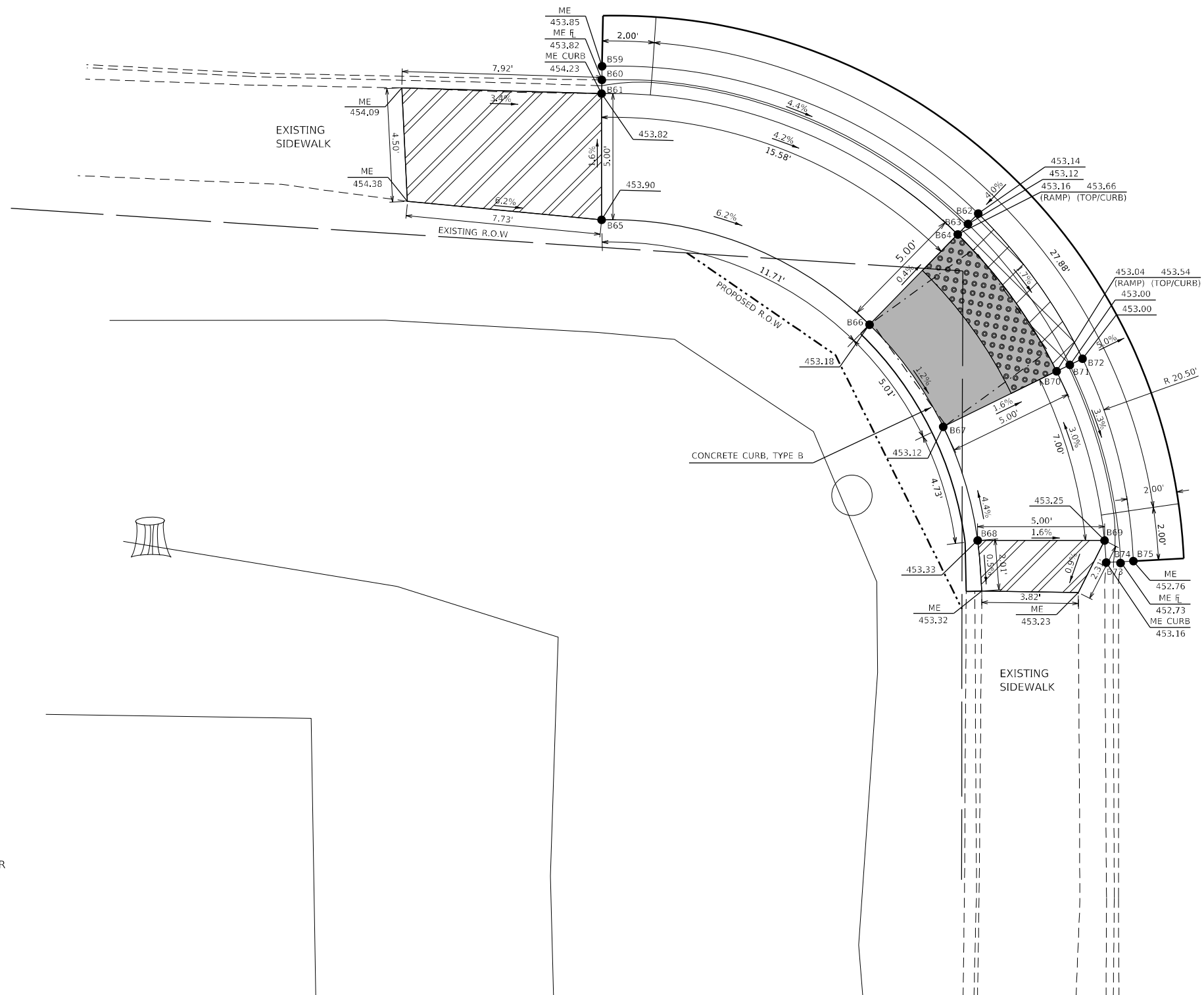
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


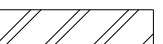

**ADA CONSTRUCTION DETAILS
DUBOIS STREET - SE QUAD**

SCALE: N/A SHEET 9 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	43
				CONTRACT NO. 74473
				ILLINOIS FED. AID PROJECT



CRITICAL POINTS		
POINT	STATION	OFFSET
B59	1188+68.19	39.47' LT
B60	1188+67.65	39.47' LT
B61	1188+67.11	39.47' LT
B62	1188+62.69	24.45' LT
B63	1188+62.27	24.85' LT
B64	1188+61.85	25.25' LT
B65	1188+62.14	39.36' LT
B66	1188+58.22	28.67' LT
B67	1188+54.25	25.67' LT
B68	1188+49.79	24.23' LT
B69	1188+49.88	19.20' LT
B70	1188+56.54	21.23' LT
B71	1188+56.79	20.71' LT
B72	1188+57.04	20.21' LT
B73	1188+49.01	19.12' LT
B74	1188+49.05	18.55' LT
B75	1188+49.09	18.04' LT

- ME MATCH EXISTING
-  DEPRESSED CURB & GUTTER
-  TRANSITIONAL SEGMENT
-  TURNING SPACE/LANDING

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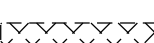
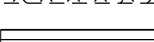
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

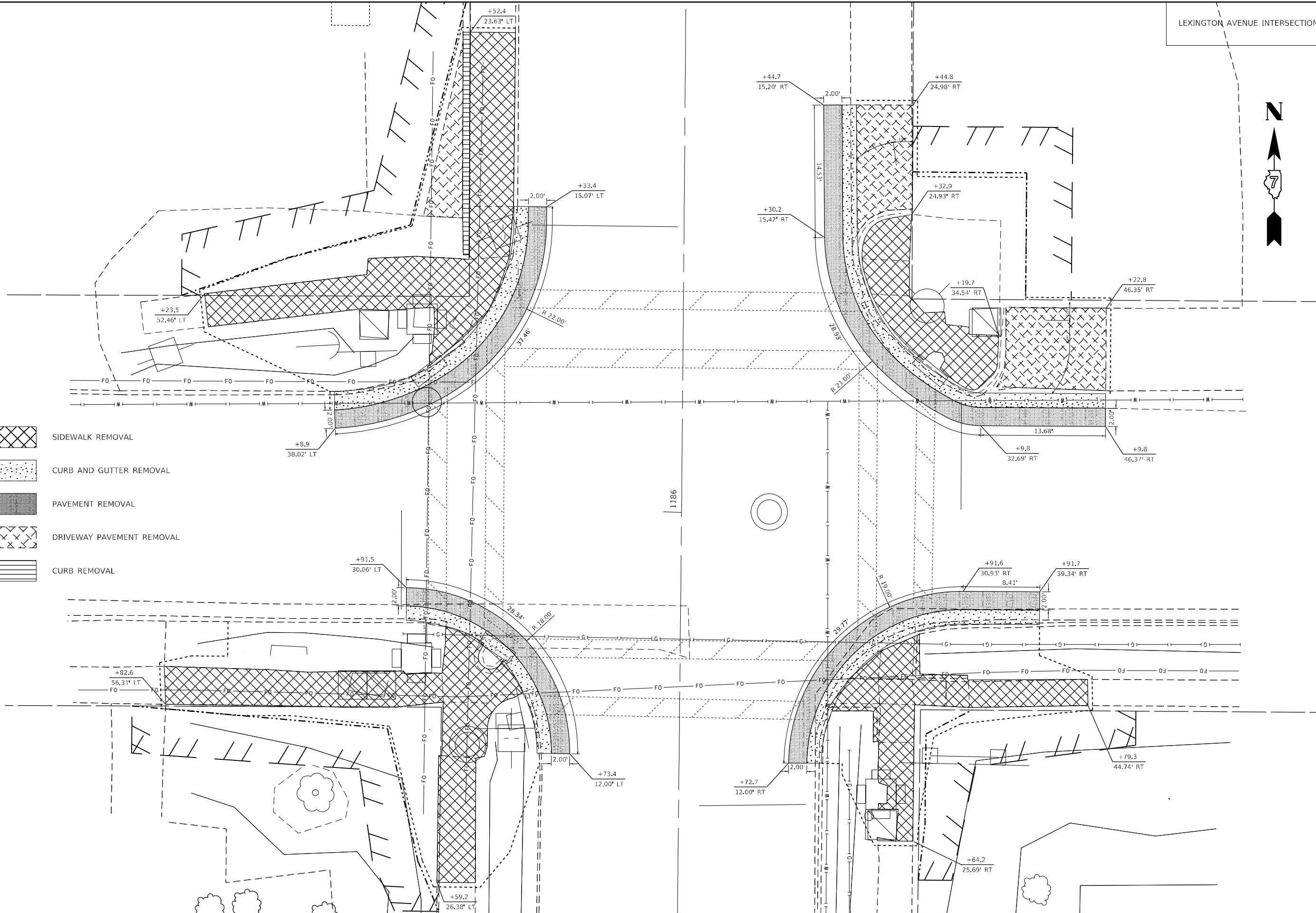
**ADA CONSTRUCTION DETAILS
DUBOIS STREET - SW QUAD**

SCALE: N/A SHEET 10 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	44
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74473	



-  SIDEWALK REMOVAL
-  CURB AND GUTTER REMOVAL
-  PAVEMENT REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  CURB REMOVAL

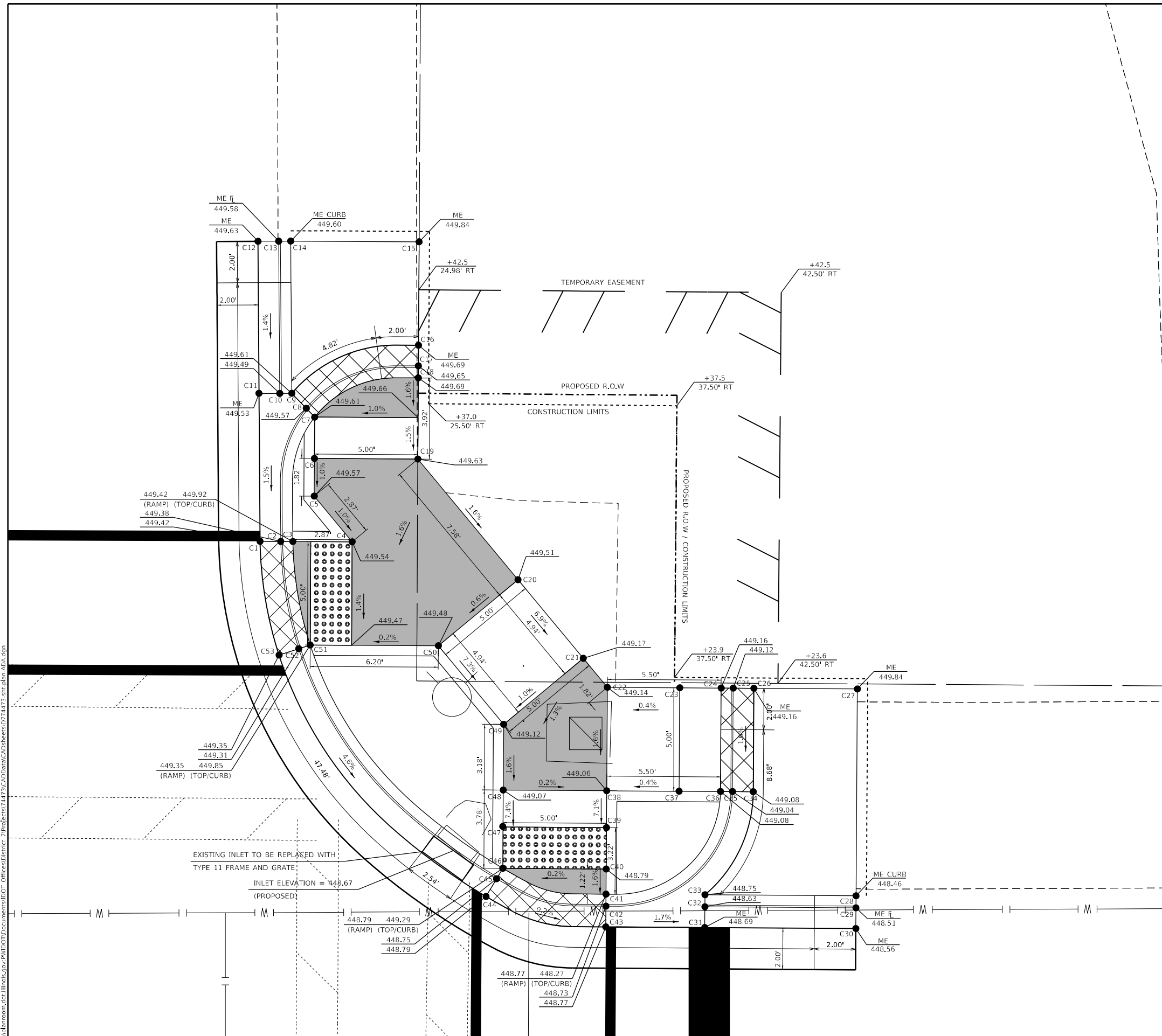


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA REMOVAL DETAILS LEXINGTON AVENUE INTERSECTION		
SCALE: N/A	SHEET 11 OF 23 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	45
			CONTRACT NO. 74473	
ILLINOIS FED. AID PROJECT				



CRITICAL POINTS		
POINT	STATION	OFFSET
C1	1186+30.28	17.41' RT
C2	1186+30.28	18.41' RT
C3	1186+30.28	18.99' RT
C4	1186+30.29	21.86' RT
C5	1186+32.49	20.01' RT
C6	1186+34.30	20.01' RT
C7	1186+36.30	20.00' RT
C8	1186+36.72	19.60' RT
C9	1186+37.44	18.89' RT
C10	1186+37.43	18.30' RT
C11	1186+37.42	17.31' RT
C12	1186+44.78	17.19' RT
C13	1186+44.79	18.19' RT
C14	1186+44.80	18.78' RT
C15	1186+44.81	24.98' RT
C16	1186+39.82	24.99' RT
C17	1186+38.82	24.99' RT
C18	1186+38.24	25.00' RT
C19	1186+34.32	25.00' RT
C20	1186+28.53	29.90' RT
C21	1186+24.76	33.09' RT
C22	1186+23.37	34.27' RT
C23	1186+23.38	37.77' RT
C24	1186+23.38	39.77' RT
C25	1186+23.38	40.34' RT
C26	1186+23.38	41.34' RT
C27	1186+23.39	46.34' RT

CRITICAL POINTS		
POINT	STATION	OFFSET
C28	1186+13.41	46.36' RT
C29	1186+12.83	46.36' RT
C30	1186+11.83	46.37' RT
C31	1186+11.81	39.06' RT
C32	1186+12.81	39.06' RT
C33	1186+13.39	39.07' RT
C34	1186+18.39	41.35' RT
C35	1186+18.39	40.36' RT
C36	1186+18.39	39.77' RT
C37	1186+18.38	37.77' RT
C38	1186+18.37	34.27' RT
C39	1186+16.59	34.27' RT
C40	1186+14.59	34.28' RT
C41	1186+13.38	34.28' RT
C42	1186+12.80	34.28' RT
C43	1186+11.80	34.28' RT
C44	1186+13.22	28.48' RT
C45	1186+14.08	28.98' RT
C46	1186+14.58	29.28' RT
C47	1186+16.58	29.27' RT
C48	1186+18.36	29.28' RT
C49	1186+21.54	29.27' RT
C50	1186+25.31	26.07' RT
C51	1186+25.29	19.80' RT
C52	1186+25.11	19.32' RT
C53	1186+24.79	18.37' RT

- ME MATCH EXISTING
- DEPRESSED CURB & GUTTER
- TRANSITIONAL SEGMENT
- TURNING SPACE/LANDING

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

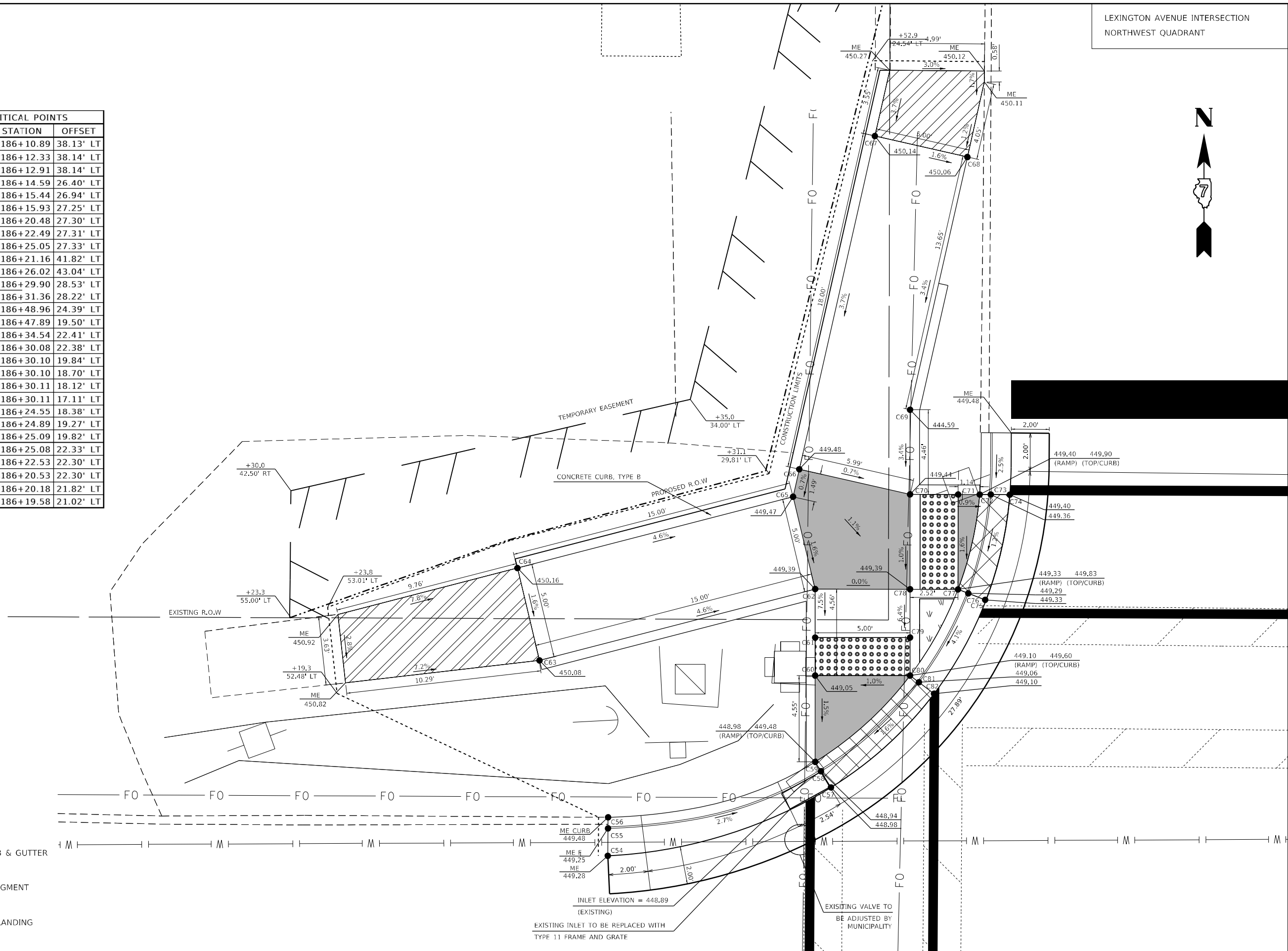
**ADA CONSTRUCTION DETAILS
LEXINGTON AVE - NE QUAD**

SCALE: N/A SHEET 12 OF 23 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 46
CONTRACT NO. 74473			ILLINOIS FED. AID PROJECT	



CRITICAL POINTS		
POINT	STATION	OFFSET
C54	1186+10.89	38.13' LT
C55	1186+12.33	38.14' LT
C56	1186+12.91	38.14' LT
C57	1186+14.59	26.40' LT
C58	1186+15.44	26.94' LT
C59	1186+15.93	27.25' LT
C60	1186+20.48	27.30' LT
C61	1186+22.49	27.31' LT
C62	1186+25.05	27.33' LT
C63	1186+21.16	41.82' LT
C64	1186+26.02	43.04' LT
C65	1186+29.90	28.53' LT
C66	1186+31.36	28.22' LT
C67	1186+48.96	24.39' LT
C68	1186+47.89	19.50' LT
C69	1186+34.54	22.41' LT
C70	1186+30.08	22.38' LT
C71	1186+30.10	19.84' LT
C72	1186+30.10	18.70' LT
C73	1186+30.11	18.12' LT
C74	1186+30.11	17.11' LT
C75	1186+24.55	18.38' LT
C76	1186+24.89	19.27' LT
C77	1186+25.09	19.82' LT
C78	1186+25.08	22.33' LT
C79	1186+22.53	22.30' LT
C80	1186+20.53	22.30' LT
C81	1186+20.18	21.82' LT
C82	1186+19.58	21.02' LT



- ME MATCH EXISTING
- DEPRESSED CURB & GUTTER
- TRANSITIONAL SEGMENT
- TURNING SPACE/LANDING

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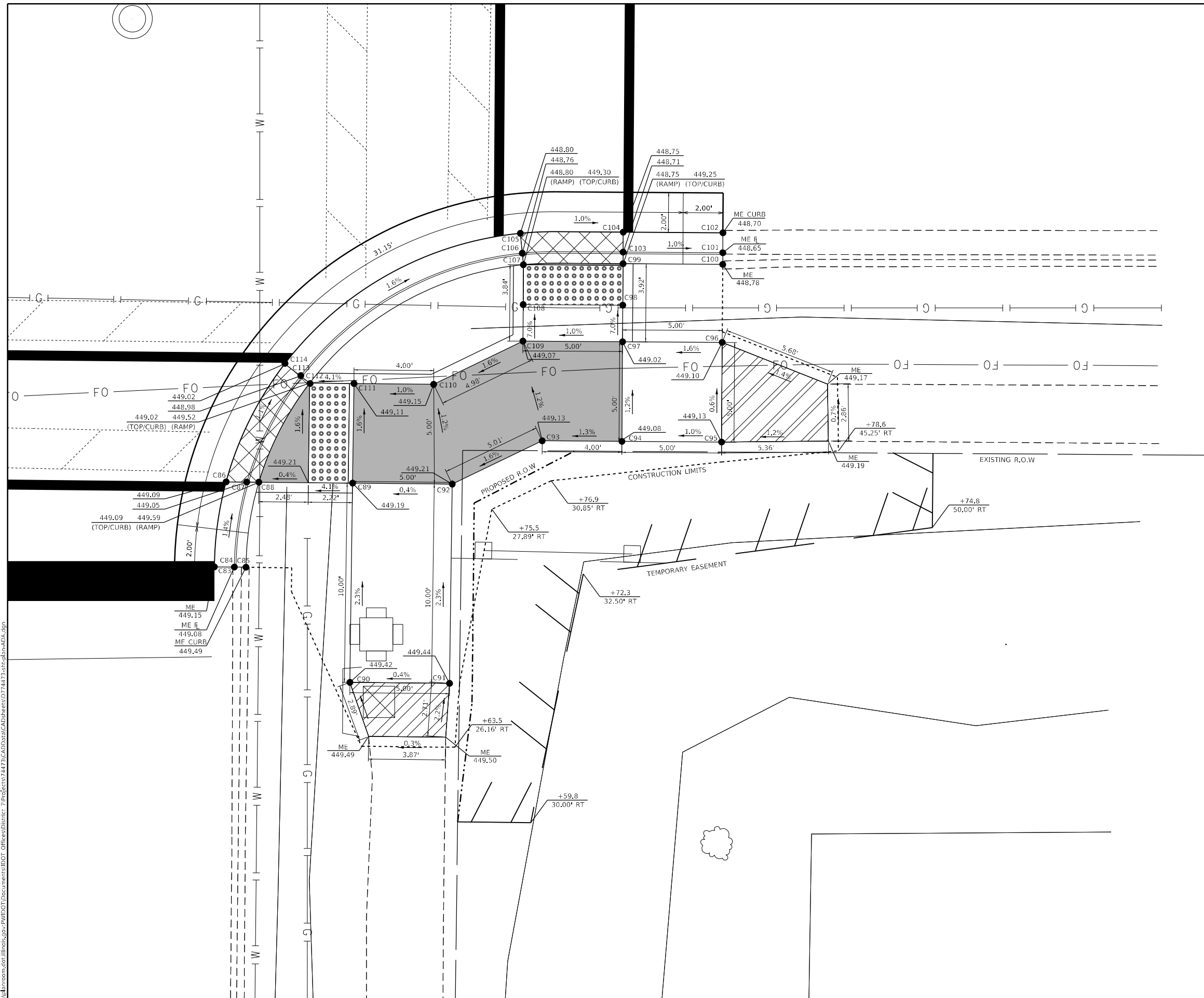
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA CONSTRUCTION DETAILS
LEXINGTON AVE - NW QUAD**

SCALE: N/A SHEET 13 OF 23 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY	TOTAL SHEETS 63	SHEET NO. 47
		CONTRACT NO. 74473		
		ILLINOIS FED. AID PROJECT		



CRITICAL POINTS		
POINT	STATION	OFFSET
C83	1185+72.66	14.00' RT
C84	1185+72.66	15.00' RT
C85	1185+72.66	15.58' RT
C86	1185+76.94	14.55' RT
C87	1185+76.94	15.58' RT
C88	1185+76.94	16.19' RT
C89	1185+76.94	20.89' RT
C90	1185+66.94	20.86' RT
C91	1185+66.95	25.86' RT
C92	1185+76.94	25.89' RT
C93	1185+79.15	30.38' RT
C94	1185+79.17	34.38' RT
C95	1185+79.19	39.38' RT
C96	1185+84.18	39.36' RT
C97	1185+84.16	34.36' RT
C98	1185+86.00	34.36' RT
C99	1185+88.08	34.35' RT
C100	1185+88.09	39.35' RT
C101	1185+88.67	39.35' RT
C102	1185+89.67	39.35' RT
C103	1185+88.66	34.35' RT
C104	1185+89.66	34.35' RT
C105	1185+89.55	29.18' RT
C106	1185+88.56	29.29' RT
C107	1185+87.98	29.35' RT
C108	1185+85.98	26.36' RT
C109	1185+84.14	29.36' RT
C110	1185+81.93	24.91' RT
C111	1185+81.93	20.91' RT
C112	1185+81.93	18.69' RT
C113	1185+82.28	18.22' RT
C114	1185+82.89	17.42' RT

- ME MATCH EXISTING
- DEPRESSED CURB & GUTTER
- TRANSITIONAL SEGMENT
- TURNING SPACE/LANDING

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	DRAWN -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA CONSTRUCTION DETAILS
LEXINGTON AVE - SE QUAD**

SCALE: N/A SHEET 14 OF 23 SHEETS STA. TO STA.

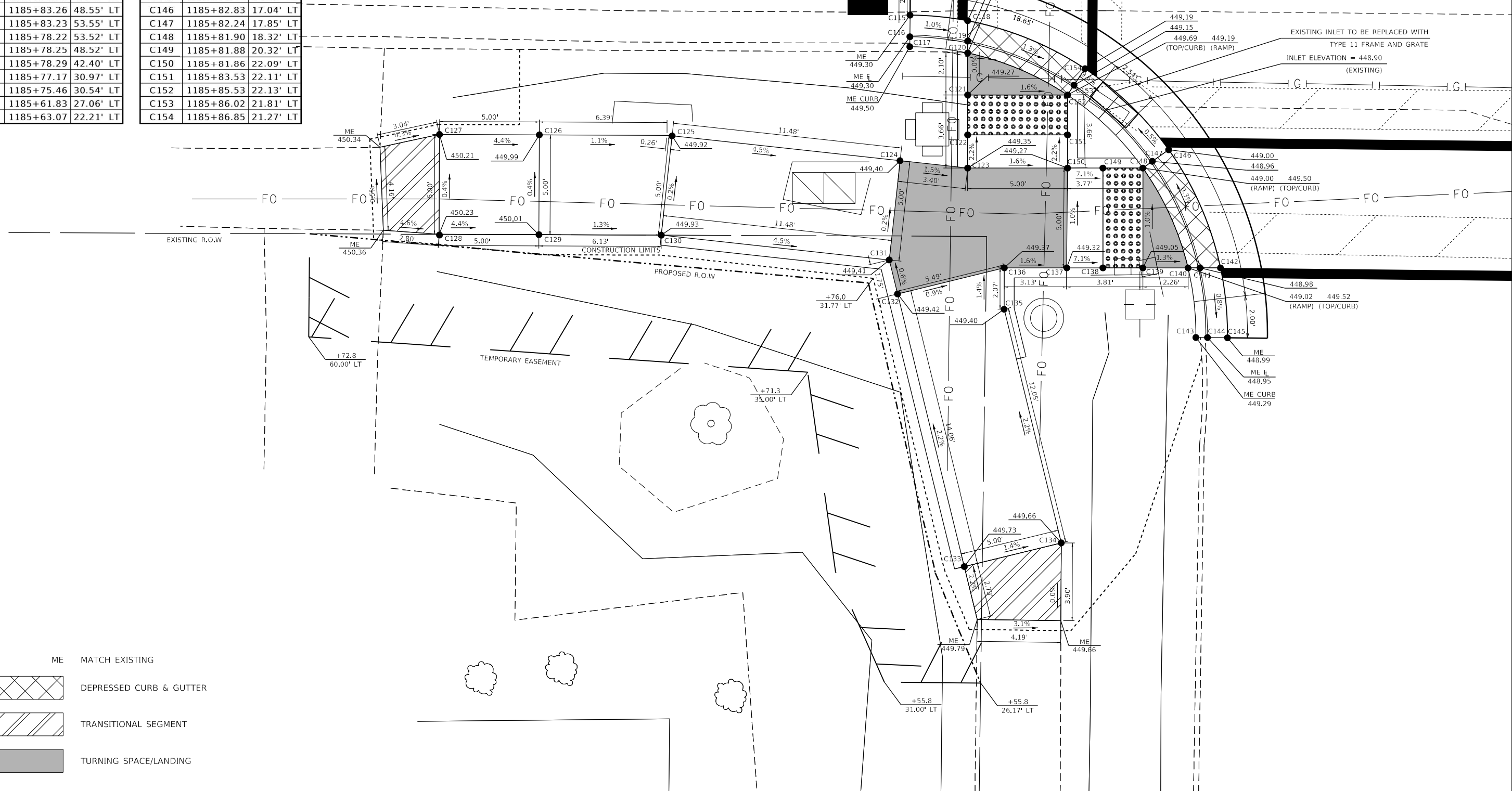
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	48
CONTRACT NO. 74473				

ILLINOIS FED. AID PROJECT



CRITICAL POINTS		
POINT	STATION	OFFSET
C115	1185+89.45	30.06' LT
C116	1185+88.37	30.05' LT
C117	1185+87.87	30.05' LT
C118	1185+89.20	27.17' LT
C119	1185+88.18	27.16' LT
C120	1185+87.58	27.15' LT
C121	1185+85.48	27.13' LT
C122	1185+83.48	27.11' LT
C123	1185+81.81	27.09' LT
C124	1185+82.15	30.48' LT
C125	1185+83.28	41.91' LT
C126	1185+83.26	48.55' LT
C127	1185+83.23	53.55' LT
C128	1185+78.22	53.52' LT
C129	1185+78.25	48.52' LT
C130	1185+78.29	42.40' LT
C131	1185+77.17	30.97' LT
C132	1185+75.46	30.54' LT
C133	1185+61.83	27.06' LT
C134	1185+63.07	22.21' LT

CRITICAL POINTS		
POINT	STATION	OFFSET
C135	1185+74.75	25.20' LT
C136	1185+76.83	25.21' LT
C137	1185+76.86	22.08' LT
C138	1185+76.88	20.27' LT
C139	1185+76.90	18.27' LT
C140	1185+76.92	16.01' LT
C141	1185+76.93	15.41' LT
C142	1185+76.94	14.39' LT
C143	1185+73.44	15.58' LT
C144	1185+73.44	15.00' LT
C145	1185+73.44	14.00' LT
C146	1185+82.83	17.04' LT
C147	1185+82.24	17.85' LT
C148	1185+81.90	18.32' LT
C149	1185+81.88	20.32' LT
C150	1185+81.86	22.09' LT
C151	1185+83.53	22.11' LT
C152	1185+85.53	22.13' LT
C153	1185+86.02	21.81' LT
C154	1185+86.85	21.27' LT



- ME MATCH EXISTING
- DEPRESSED CURB & GUTTER
- TRANSITIONAL SEGMENT
- TURNING SPACE/LANDING

USER NAME = stefnkmk	DESIGNED -	REVISED -
PLOT SCALE = 5,000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/16/2021	CHECKED -	REVISED -
	DATE -	REVISED -

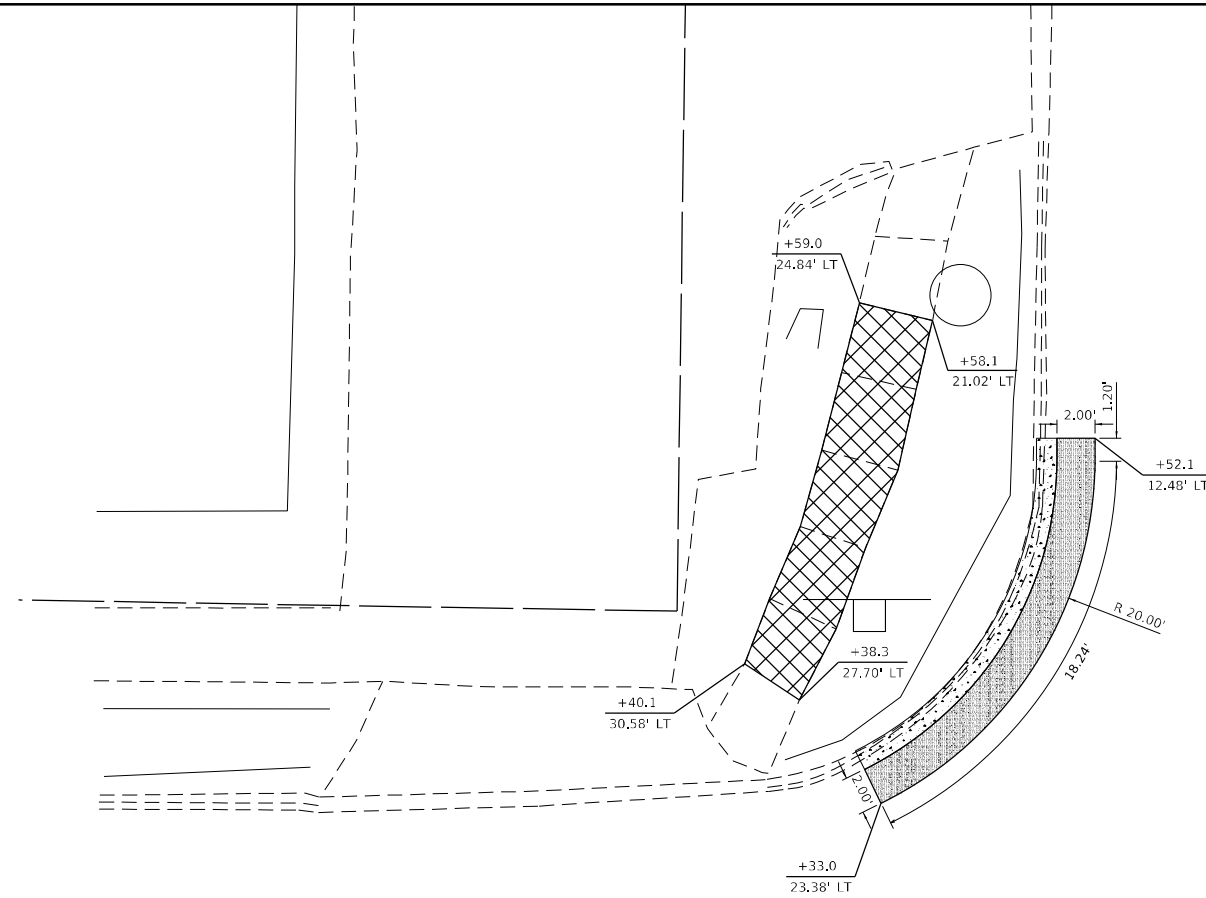
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


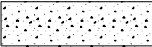

**ADA CONSTRUCTION DETAILS
LEXINGTON AVE - SW QUAD**

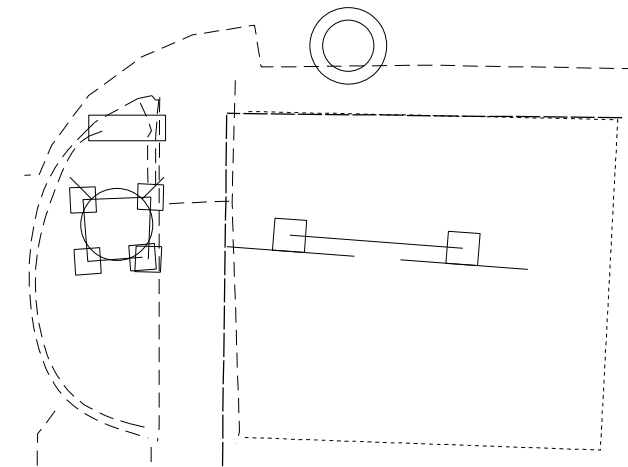
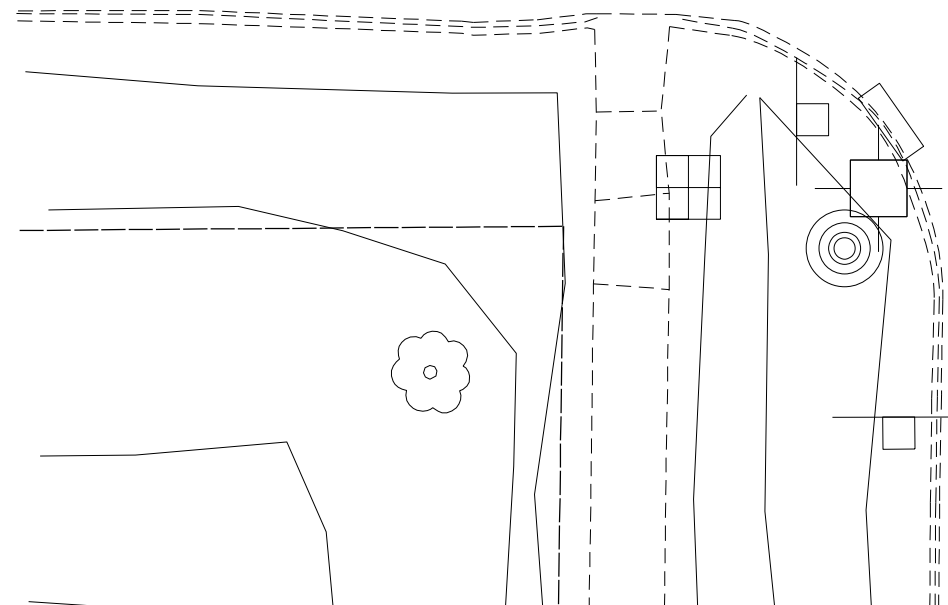
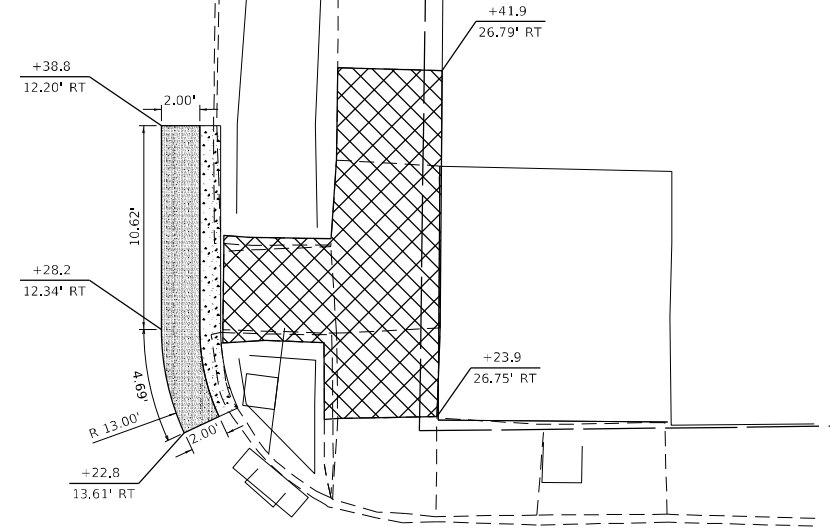
SCALE: N/A SHEET 15 OF 23 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 49
CONTRACT NO. 74473			ILLINOIS FED. AID PROJECT	

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-  SIDEWALK REMOVAL
-  CURB AND GUTTER REMOVAL
-  PAVEMENT REMOVAL



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA REMOVAL DETAILS
LOCUST STREET INTERSECTION**

USER NAME = steffnmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/16/2021	DATE -	REVISED -

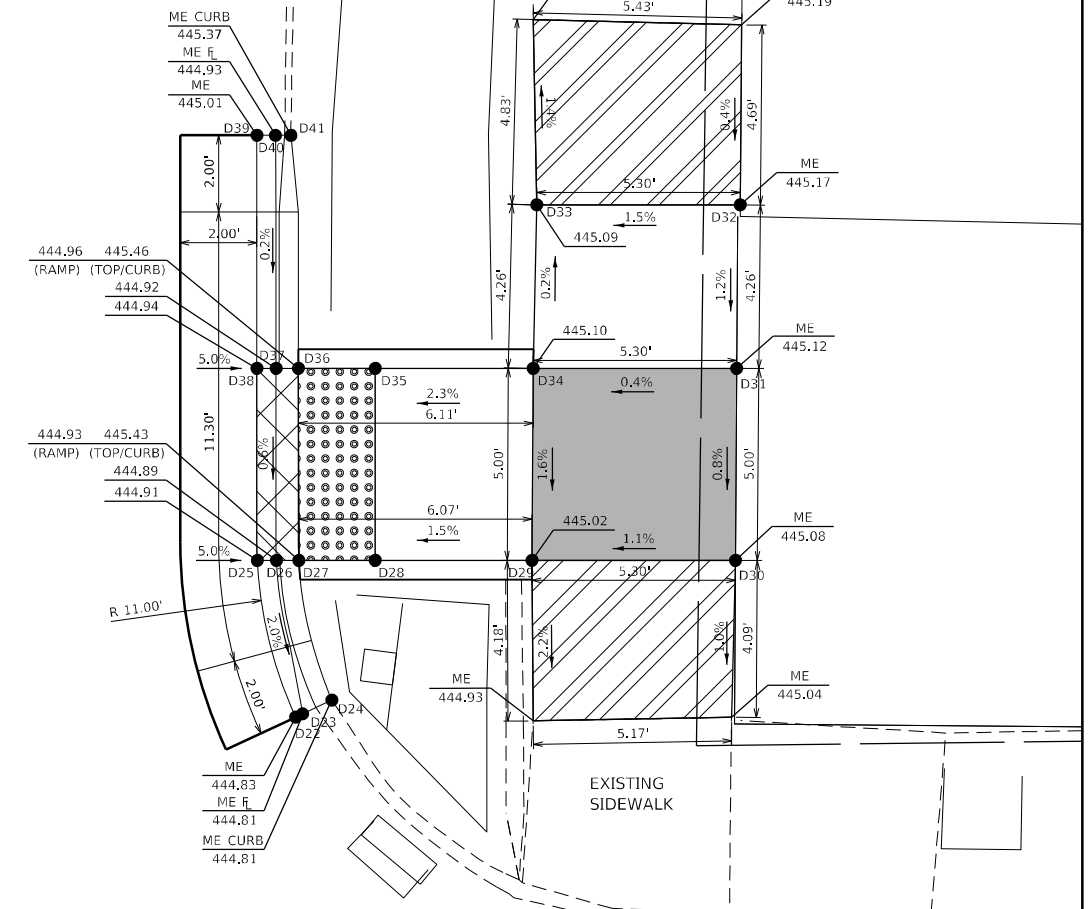
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	50
			CONTRACT NO. 74473	
ILLINOIS FED. AID PROJECT				



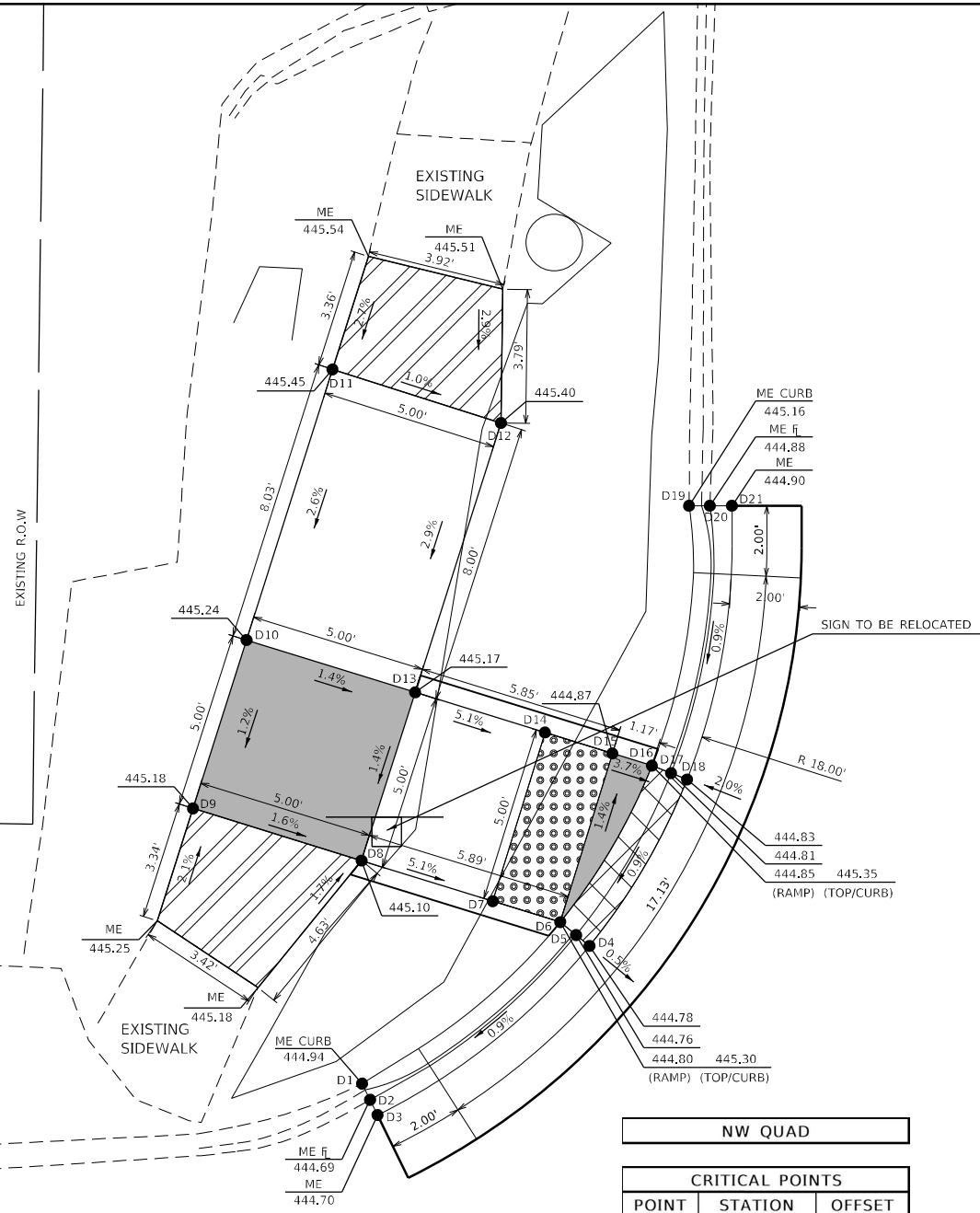
NE QUAD

CRITICAL POINTS		
POINT	STATION	OFFSET
D22	1179+23.71	15.40' RT
D23	1179+23.80	15.58' RT
D24	1179+24.17	16.34' RT
D25	1179+27.78	14.35' RT
D26	1179+27.79	14.85' RT
D27	1179+27.80	15.43' RT
D28	1179+27.82	17.42' RT
D29	1179+27.87	21.51' RT
D30	1179+27.94	26.81' RT
D31	1179+32.94	26.77' RT
D32	1179+37.20	26.81' RT
D33	1179+37.14	21.51' RT
D34	1179+32.87	21.47' RT
D35	1179+32.82	17.36' RT
D36	1179+32.80	15.36' RT
D37	1179+32.79	14.78' RT
D38	1179+32.78	14.28' RT
D39	1179+38.85	14.20' RT
D40	1179+38.86	14.68' RT
D41	1179+38.86	15.08' RT



NW QUAD

CRITICAL POINTS		
POINT	STATION	OFFSET
D1	1179+35.61	24.72' LT
D2	1179+35.16	24.49' LT
D3	1179+34.73	24.27' LT
D4	1179+39.59	18.33' LT
D5	1179+39.90	18.71' LT
D6	1179+40.26	19.17' LT
D7	1179+40.82	21.09' LT
D8	1179+41.92	24.81' LT
D9	1179+43.34	29.61' LT
D10	1179+48.12	28.15' LT
D11	1179+55.82	25.82' LT
D12	1179+54.36	21.03' LT
D13	1179+46.71	23.36' LT
D14	1179+45.62	19.67' LT
D15	1179+45.05	17.75' LT
D16	1179+44.72	16.63' LT
D17	1179+44.51	16.09' LT
D18	1179+44.34	15.63' LT
D19	1179+52.09	15.67' LT
D20	1179+52.09	15.08' LT
D21	1179+52.11	14.46' LT



- ME MATCH EXISTING
- DEPRESSED CURB & GUTTER
- TRANSITIONAL SEGMENT
- TURNING SPACE/LANDING

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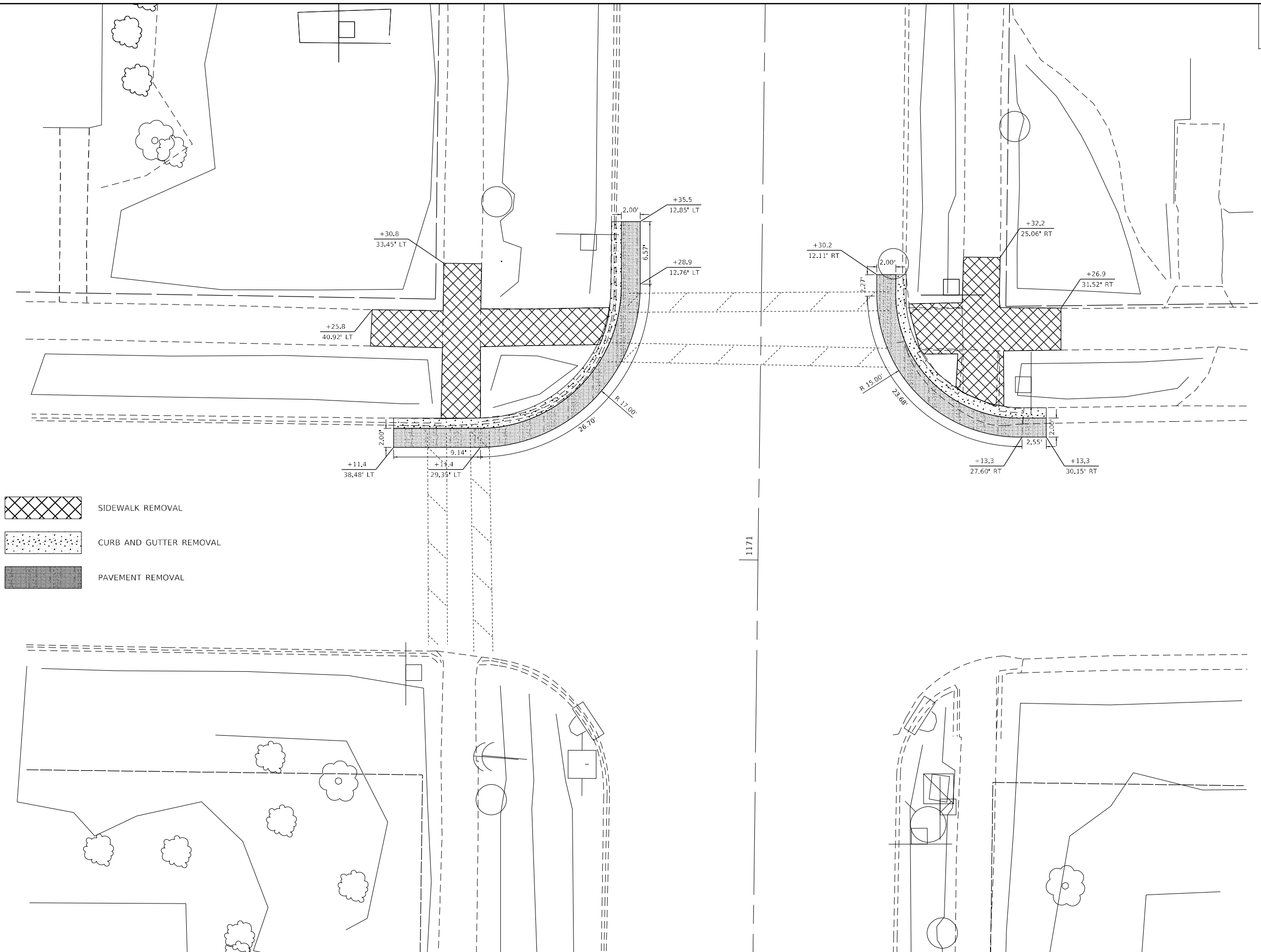
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	DRAWN -	REVISED -
PLOT SCALE = 5,000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CONSTRUCTION DETAILS
LOCUST STREET - NE & NW QUADS

SCALE: N/A SHEET 17 OF 23 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 51
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74473	



- SIDEWALK REMOVAL
- CURB AND GUTTER REMOVAL
- PAVEMENT REMOVAL

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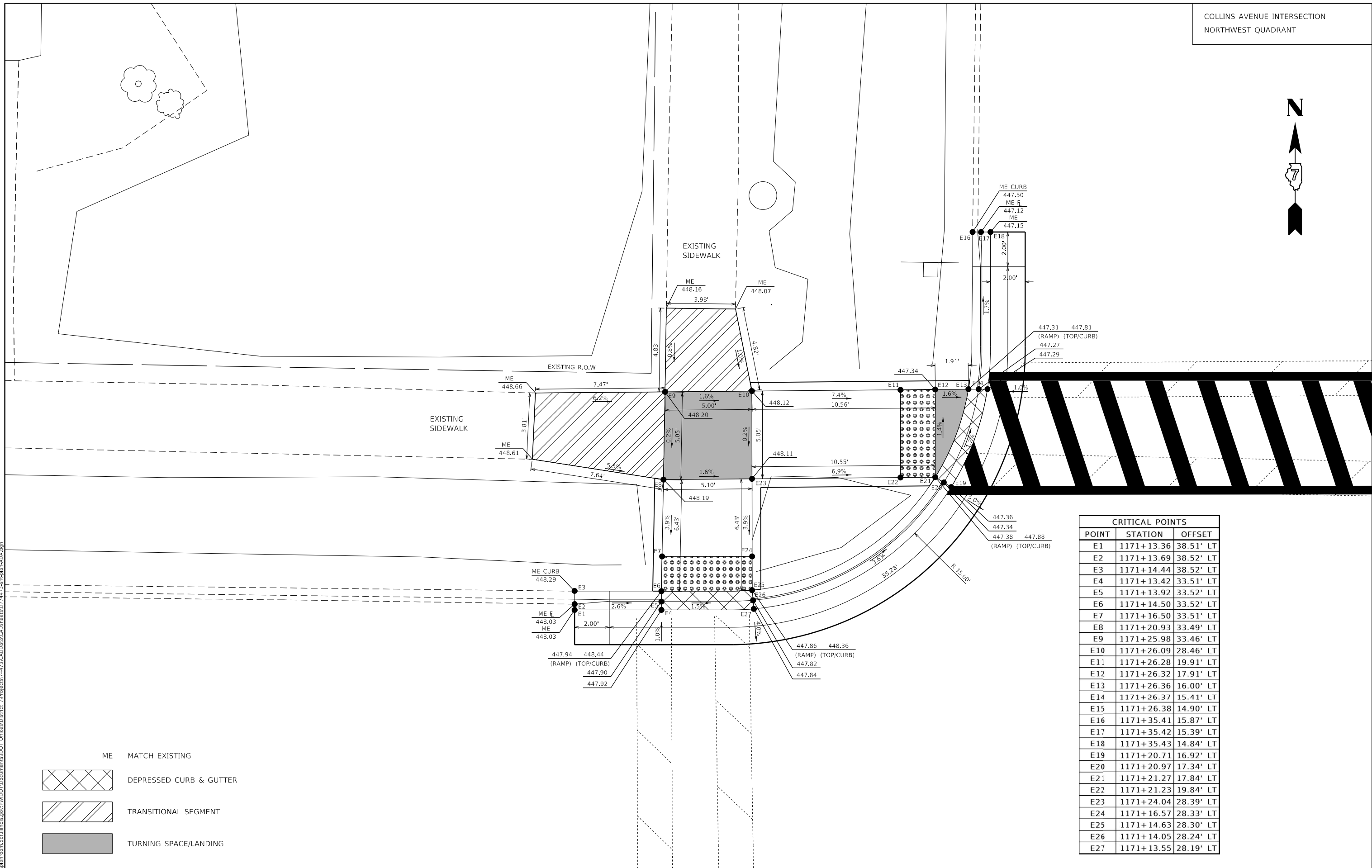
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PLOT SCALE = 5,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA REMOVAL DETAILS
COLLINS AVENUE INTERSECTION**

SCALE: N/A SHEET 18 OF 23 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	52
			CONTRACT NO. 74473	
ILLINOIS FED. AID PROJECT				



CRITICAL POINTS		
POINT	STATION	OFFSET
E1	1171+13.36	38.51' LT
E2	1171+13.69	38.52' LT
E3	1171+14.44	38.52' LT
E4	1171+13.42	33.51' LT
E5	1171+13.92	33.52' LT
E6	1171+14.50	33.52' LT
E7	1171+16.50	33.51' LT
E8	1171+20.93	33.49' LT
E9	1171+25.98	33.46' LT
E10	1171+26.09	28.46' LT
E11	1171+26.28	19.91' LT
E12	1171+26.32	17.91' LT
E13	1171+26.36	16.00' LT
E14	1171+26.37	15.41' LT
E15	1171+26.38	14.90' LT
E16	1171+35.41	15.87' LT
E17	1171+35.42	15.39' LT
E18	1171+35.43	14.84' LT
E19	1171+20.71	16.92' LT
E20	1171+20.97	17.34' LT
E21	1171+21.27	17.84' LT
E22	1171+21.23	19.84' LT
E23	1171+24.04	28.39' LT
E24	1171+16.57	28.33' LT
E25	1171+14.63	28.30' LT
E26	1171+14.05	28.24' LT
E27	1171+13.55	28.19' LT

- ME MATCH EXISTING
- DEPRESSED CURB & GUTTER
- TRANSITIONAL SEGMENT
- TURNING SPACE/LANDING

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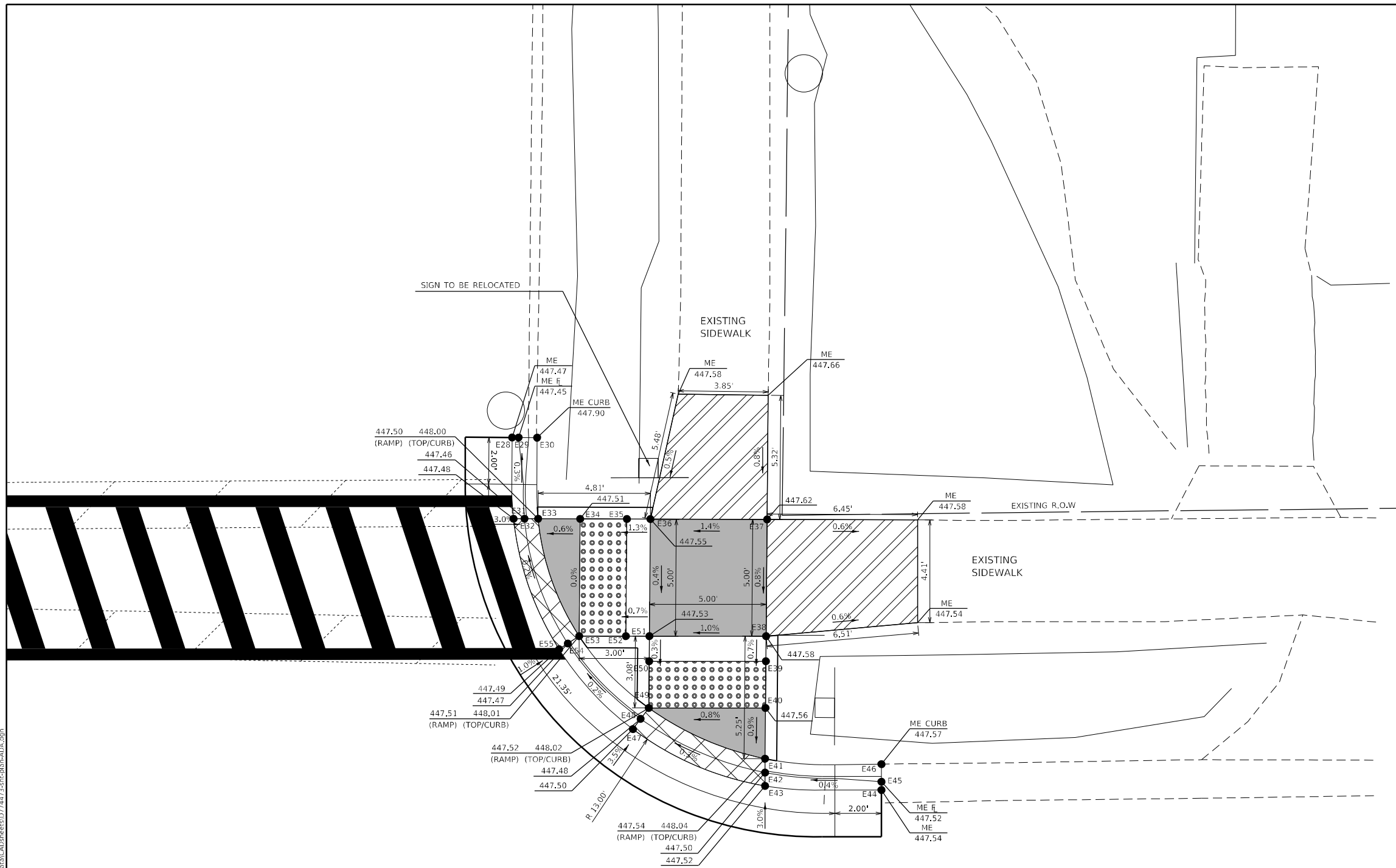
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PLOT DATE = 3/16/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA CONSTRUCTION DETAILS
COLLINS AVENUE - NW QUAD**

SCALE: N/A SHEET 19 OF 23 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY ILLINOIS	TOTAL SHEETS 63	SHEET NO. 53
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				



CRITICAL POINTS		
POINT	STATION	OFFSET
E28	1171+30.22	14.12' RT
E29	1171+30.22	14.39' RT
E30	1171+30.22	15.19' RT
E31	1171+26.74	14.22' RT
E32	1171+26.74	14.69' RT
E33	1171+26.75	15.27' RT
E34	1171+26.77	17.07' RT
E35	1171+26.79	19.07' RT
E36	1171+26.80	20.08' RT
E37	1171+26.85	25.08' RT
E38	1171+21.85	25.10' RT
E39	1171+20.78	25.10' RT
E40	1171+18.78	25.11' RT
E41	1171+16.60	25.12' RT
E42	1171+16.01	25.13' RT
E43	1171+15.44	25.14' RT
E44	1171+15.33	30.12' RT
E45	1171+15.68	30.12' RT
E46	1171+16.43	30.11' RT
E47	1171+17.80	19.45' RT
E48	1171+18.24	19.77' RT
E49	1171+18.71	20.12' RT
E50	1171+20.71	20.11' RT
E51	1171+21.79	20.10' RT
E52	1171+21.78	19.10' RT
E53	1171+21.75	17.10' RT
E54	1171+21.43	16.61' RT
E55	1171+21.18	16.24' RT

ME	MATCH EXISTING
	DEPRESSED CURB & GUTTER
	TRANSITIONAL SEGMENT
	TURNING SPACE/LANDING

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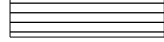
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA CONSTRUCTION DETAILS
COLLINS AVENUE - NE QUAD**

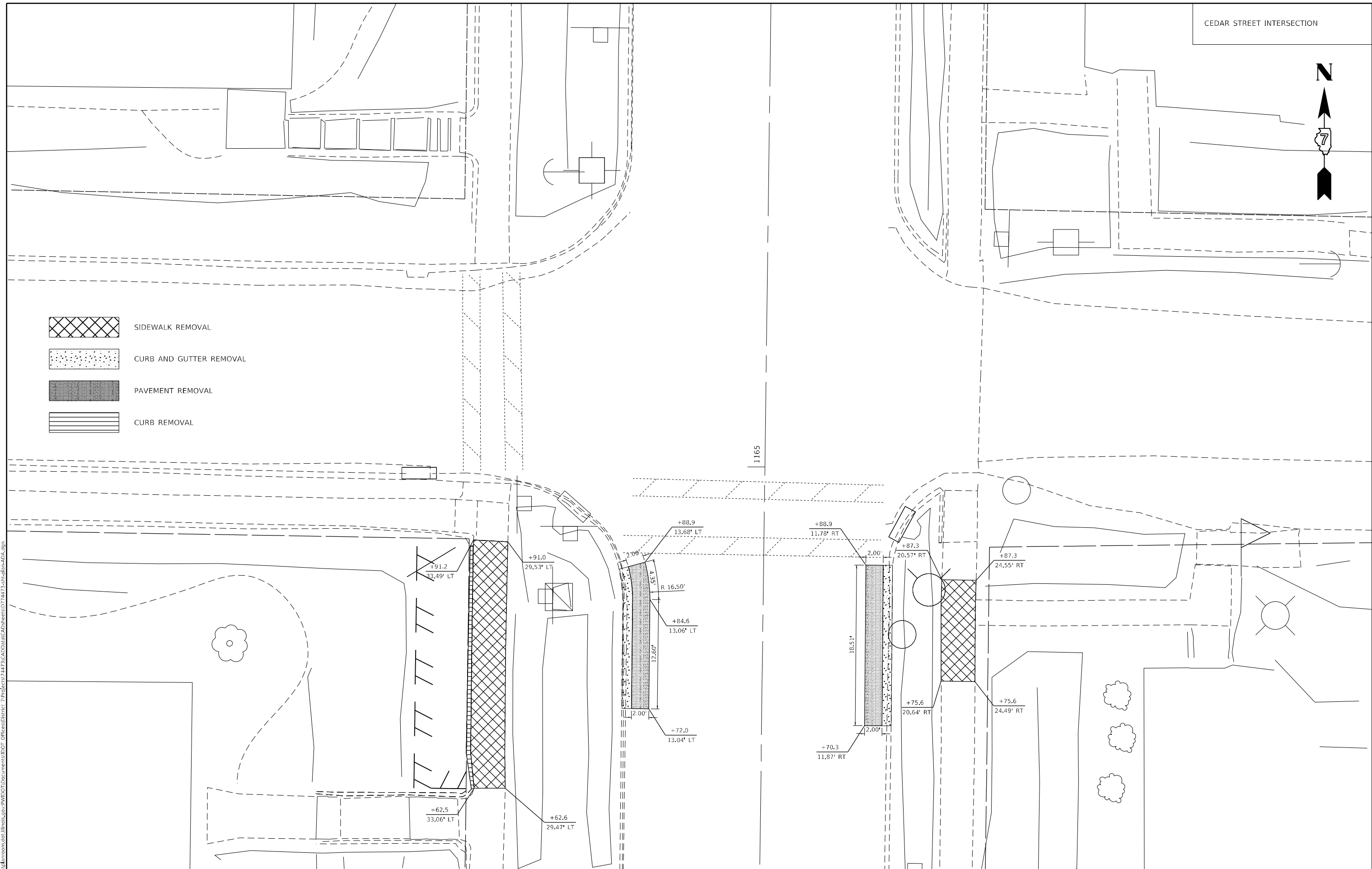
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	54
			CONTRACT NO. 74473	
ILLINOIS FED. AID PROJECT				



-  SIDEWALK REMOVAL
-  CURB AND GUTTER REMOVAL
-  PAVEMENT REMOVAL
-  CURB REMOVAL

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PLOT SCALE = 5,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/16/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA REMOVAL DETAILS	
CEDAR STREET INTERSECTION	
SCALE: N/A	SHEET 21 OF 23 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 55
				CONTRACT NO. 74473
ILLINOIS FED. AID PROJECT				





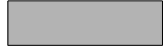
CRITICAL POINTS		
POINT	STATION	OFFSET
F1	1164+88.00	16.67' LT
F2	1164+88.11	16.29' LT
F3	1164+88.31	15.59' LT
F4	1164+82.38	15.05' LT
F5	1164+82.38	15.55' LT
F6	1164+82.38	16.13' LT
F7	1164+82.34	18.13' LT
F8	1164+82.11	28.35' LT
F9	1164+86.86	28.42' LT
F10	1164+86.86	33.42' LT
F11	1164+82.00	33.35' LT
F12	1164+77.00	33.28' LT
F13	1164+72.27	33.21' LT
F14	1164+67.26	33.13' LT
F15	1164+67.33	28.14' LT
F16	1164+72.34	28.21' LT
F17	1164+77.11	28.28' LT
F18	1164+77.34	18.12' LT
F19	1164+77.38	16.12' LT
F20	1164+77.38	15.54' LT
F21	1164+77.38	15.04' LT
F22	1164+71.95	15.03' LT
F23	1164+71.95	15.71' LT
F24	1164+71.95	16.17' LT

REPLACE EXISTING CURB WITH CONCRETE CURB TYPE B
(SPECIAL) AND TRANSITION TO MATCH EXISTING CURB

TEMPORARY EASEMENT

EXISTING STAIRS

EXISTING SIDEWALK

- ME MATCH EXISTING
-  DEPRESSED CURB & GUTTER
-  TRANSITIONAL SEGMENT
-  TURNING SPACE/LANDING

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PLOT DATE = 3/16/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

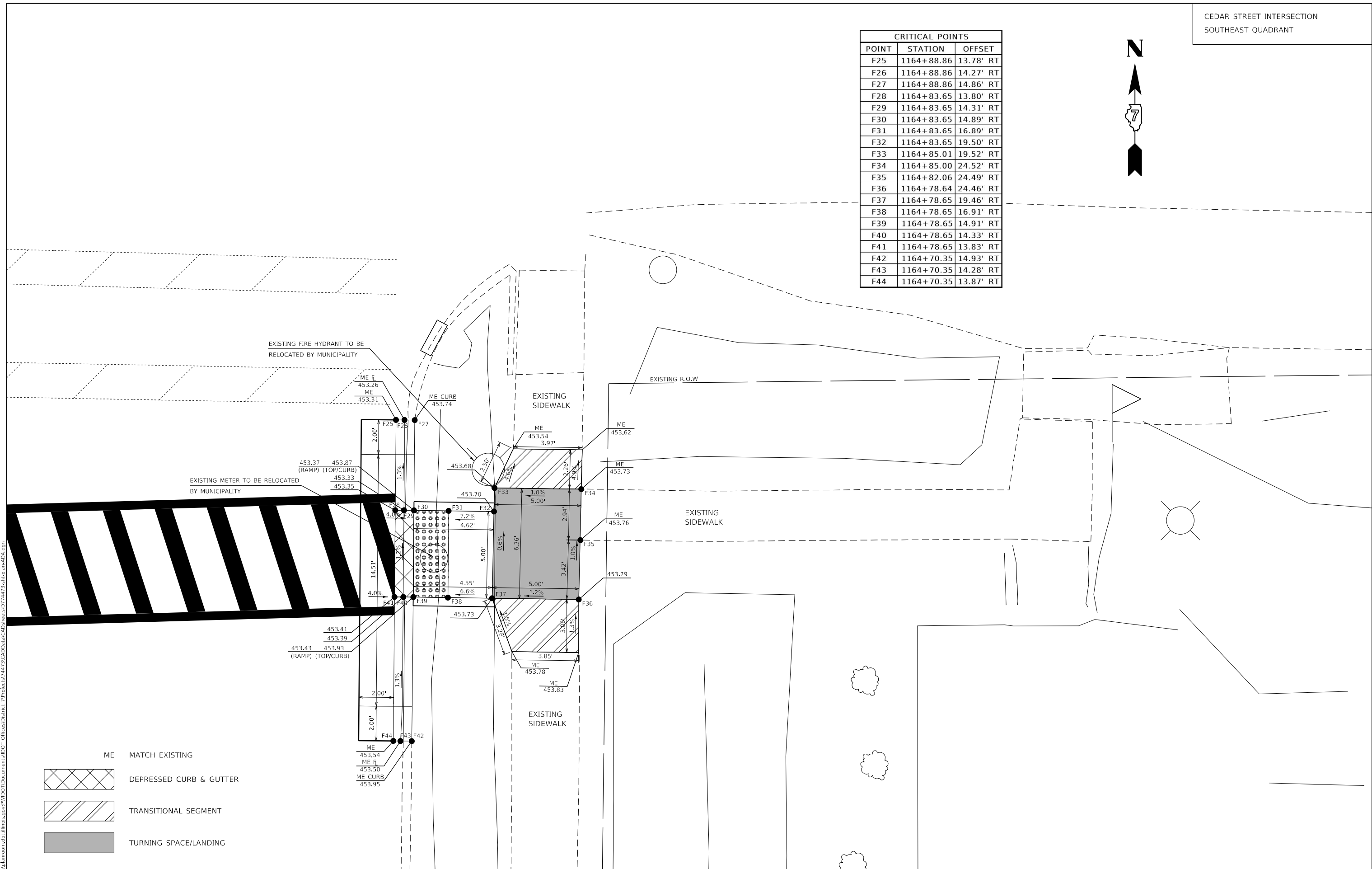
**ADA CONSTRUCTION DETAILS
CEDAR STREET - SW QUAD**

SCALE: N/A SHEET 22 OF 23 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 56
			CONTRACT NO. 74473	
ILLINOIS FED. AID PROJECT				



CRITICAL POINTS		
POINT	STATION	OFFSET
F25	1164+88.86	13.78' RT
F26	1164+88.86	14.27' RT
F27	1164+88.86	14.86' RT
F28	1164+83.65	13.80' RT
F29	1164+83.65	14.31' RT
F30	1164+83.65	14.89' RT
F31	1164+83.65	16.89' RT
F32	1164+83.65	19.50' RT
F33	1164+85.01	19.52' RT
F34	1164+85.00	24.52' RT
F35	1164+82.06	24.49' RT
F36	1164+78.64	24.46' RT
F37	1164+78.65	19.46' RT
F38	1164+78.65	16.91' RT
F39	1164+78.65	14.91' RT
F40	1164+78.65	14.33' RT
F41	1164+78.65	13.83' RT
F42	1164+70.35	14.93' RT
F43	1164+70.35	14.28' RT
F44	1164+70.35	13.87' RT



- ME MATCH EXISTING
- DEPRESSED CURB & GUTTER
- TRANSITIONAL SEGMENT
- TURNING SPACE/LANDING

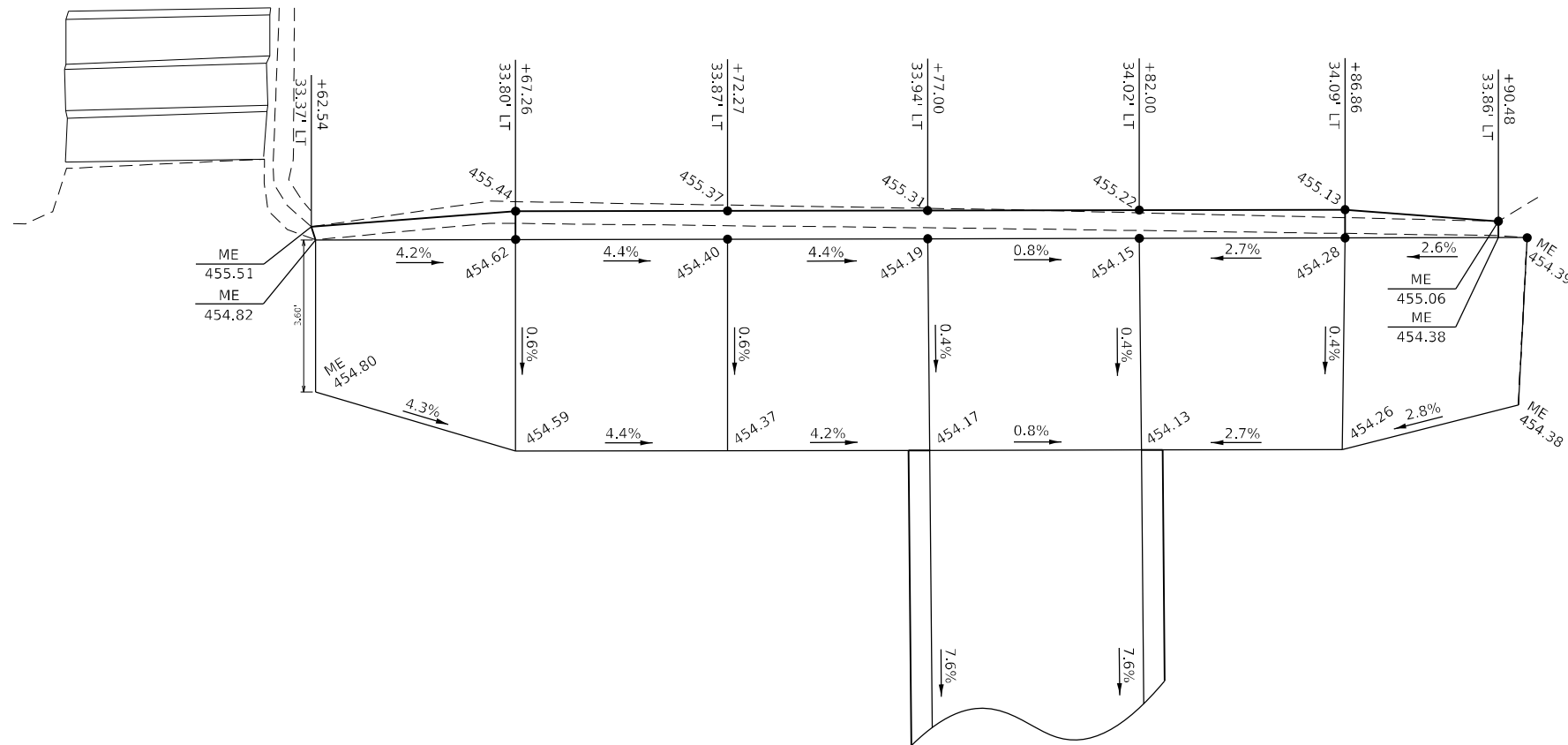
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

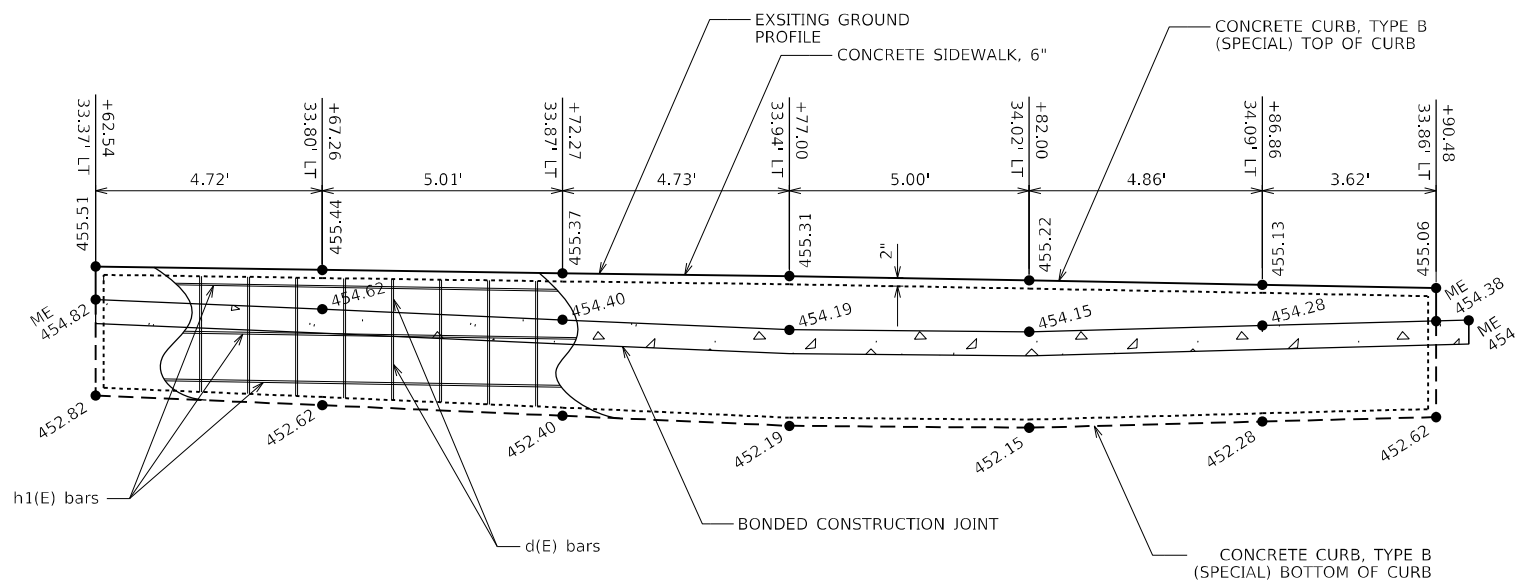
ADA CONSTRUCTION DETAILS	
CEDAR STREET - SE QUAD	
SCALE: N/A	SHEET 23 OF 23 SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION (15, 16)Z RS-2	COUNTY LAWRENCE	TOTAL SHEETS 63	SHEET NO. 57
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74473	



BILL OF MATERIALS AND BAR LIST				
BAR	QUANTITY	SIZE	TOTAL LENGTH	SHAPE
d(E)	28	#4	*362'-3"	—
h1(E)	3	#4	*413'-11"	—
CLASS SI CONCRETE (CU. YD)				2.0
REINFORCEMENT BARS (POUND)				518.5

*TOTAL LENGTH NEEDED



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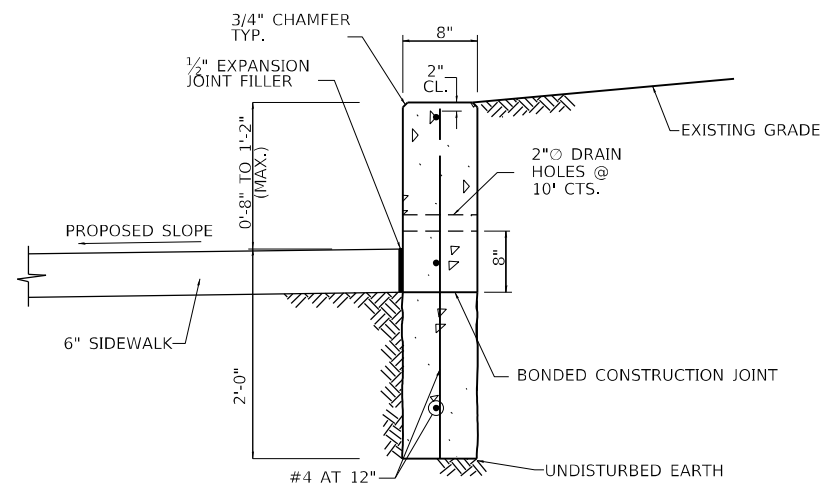
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PLOT DATE = 3/12/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE CURB, TYPE B (SPECIAL)
CEDAR STREET - SW QUADRANT

SCALE: N/A SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	58
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				



CONCRETE CURB, TYPE B (SPECIAL)
EARTH RETAINMENT

GENERAL NOTES

1. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 508 OF THE STANDARD SPECIFICATIONS. THE COST OF FURNISHING AND INSTALLING ALL REINFORCEMENT SHALL BE INCLUDED IN THE COST PER FT. OF CONCRETE CURB, TYPE B (SPECIAL).
2. CONCRETE SHALL BE CLASS SI CONCRETE. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 503 OF THE STANDARD SPECIFICATIONS. THE EXPOSED FACES OF THE WALL SHALL BE A TEXTURED FINISH. FORM LINERS SHALL BE USED ON THE EXPOSED VERTICAL FACES AS DIRECTED AND APPROVED BY THE ENGINEER. ALL TRENCHES, REINFORCEMENT AND FORMWORK SHALL BE APPROVED BY THE ENGINEER PRIOR TO POURING CONCRETE WALLS OR FOOTINGS. THE COST OF CONSTRUCTING WALL, INCLUDING ALL FORM WORK, FORM LINERS, TRENCHING, EXCAVATIONS, BACKFILL AND JOINT FILLERS SHALL BE INCLUDED IN THE COST PER FOOT OF CONCRETE CURB, TYPE B (SPECIAL).
3. THE CONTRACTOR SHALL BE RESPONSIBLE OF ANY EARTH RETENTION SYSTEMS AS REQUIRED TO CONSTRUCT WALL TO PREVENT PROPERTY DAMAGE. ANY PROPERTY DAMAGE SHALL BE REPAIRED PER SECTION 107 OF THE STANDARD SPECIFICATIONS.

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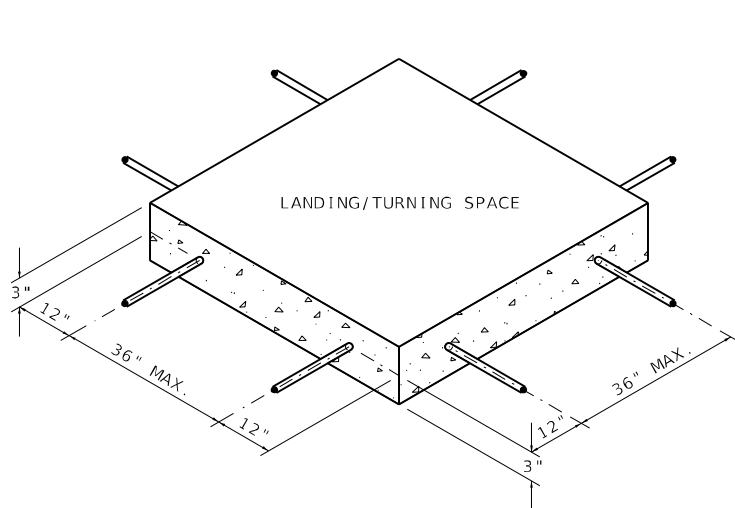
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAIL - CONCRETE CURB,
TYPE B (SPECIAL)**

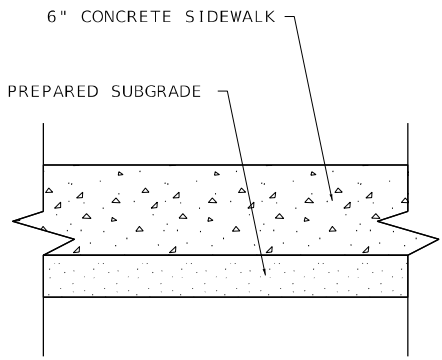
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	59
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				



NOTE: TIE BARS SHALL BE OMITTED BETWEEN PROPOSED LANDING/TURNING SPACES AND PROPOSED TRANSITIONAL SEGMENTS.

SIDEWALK REINFORCEMENT



TYPICAL SIDEWALK SECTION WITHIN INTERSECTION CORNER

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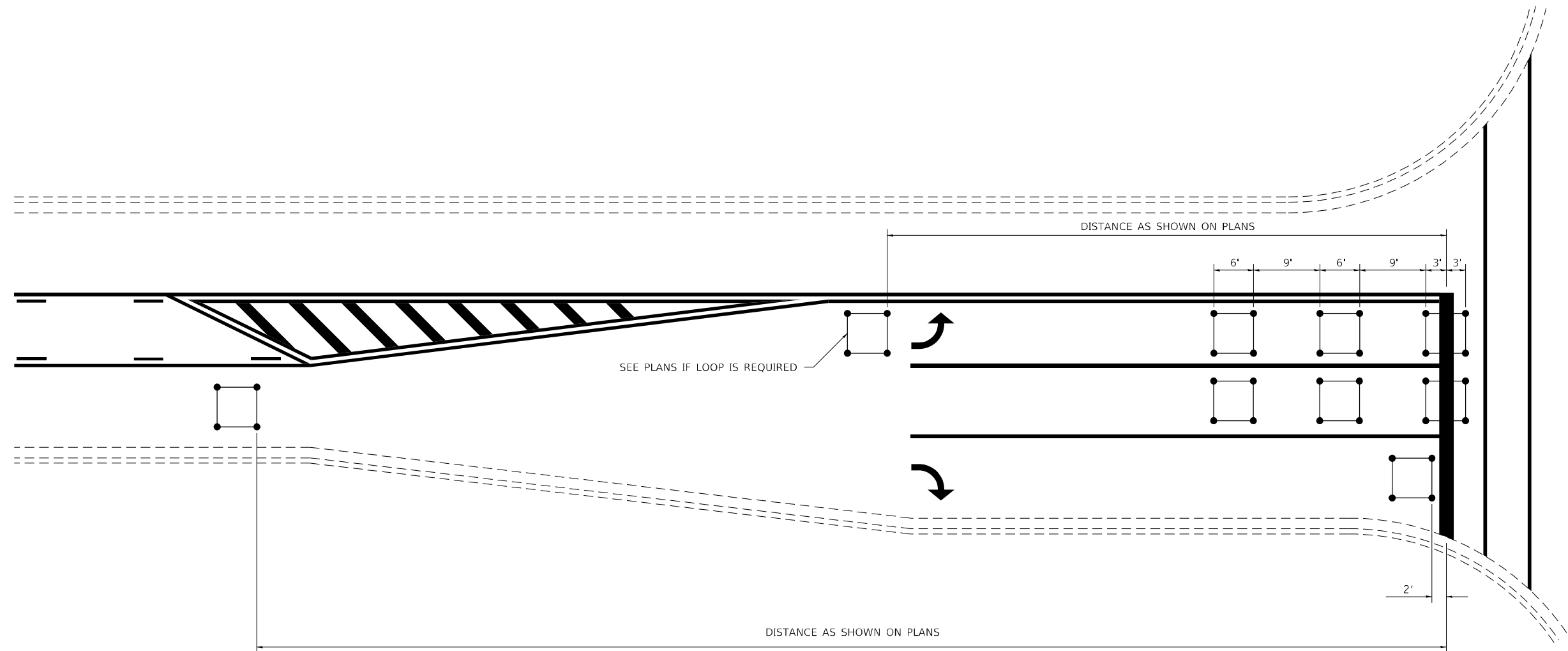
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PLOT DATE = 3/12/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAIL - TYPICAL SIDEWALK AND TURNING SPACE			
SCALE: N/A	SHEET 1	OF 4 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	60
				CONTRACT NO. 74473
				ILLINOIS FED. AID PROJECT

TYPICAL APPLICATION OF DETECTOR LOOPS



NOTE:

1. EACH LOOP SHALL HAVE ITS OWN HOMERUN TO THE GULFBOX/HANDHOLE.
2. LOOPS SHOULD BE CENTERED IN EACH LANE.
3. USE 6' BY 6' LOOPS FOR LANE WIDTHS OF 11' OR GREATER.
4. USE 5' BY 5' LOOPS IF LANE WIDTH IS LESS THAN 11'.

NOT TO SCALE

DISTRICT 7 DETAIL NO. 88600100

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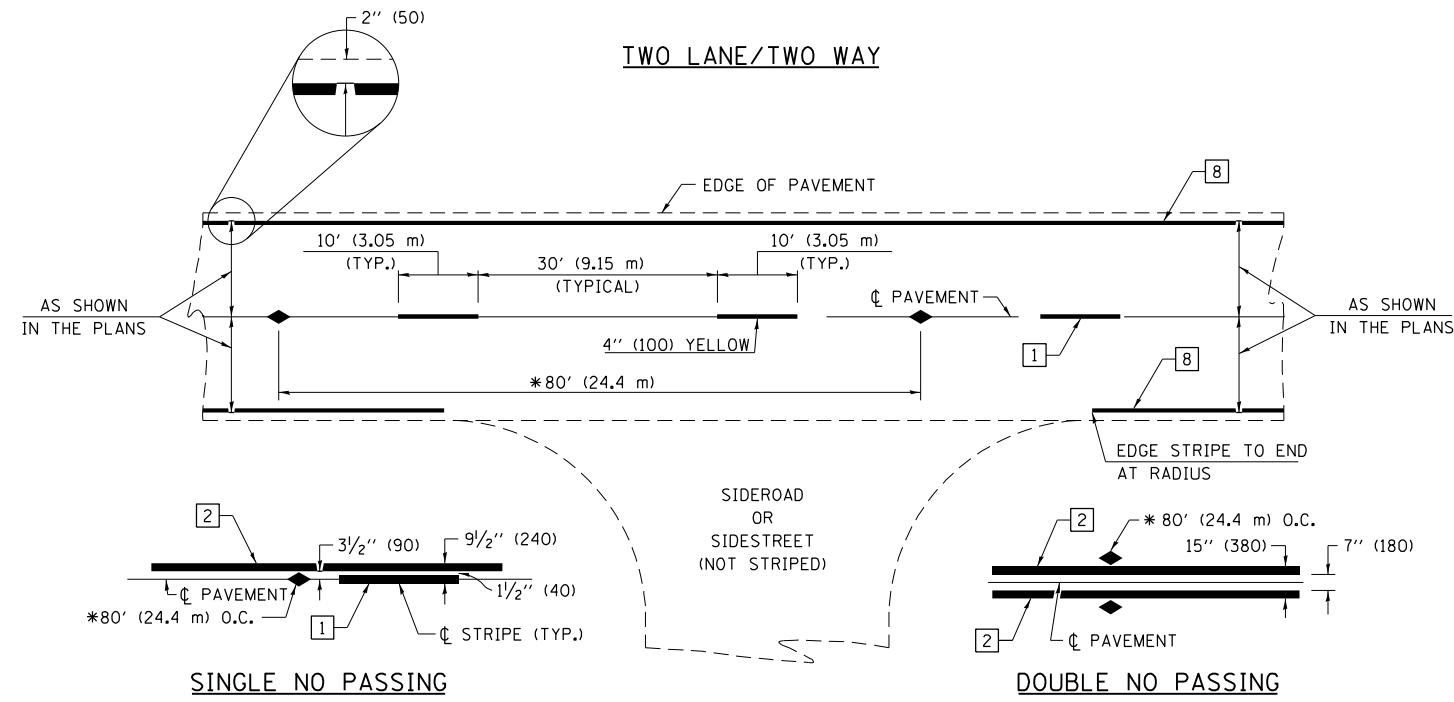
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PLOT DATE = 3/12/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL APPLICATIONS OF DETECTOR LOOPS

SCALE: N/A SHEET 2 OF 4 SHEETS STA. TO STA.

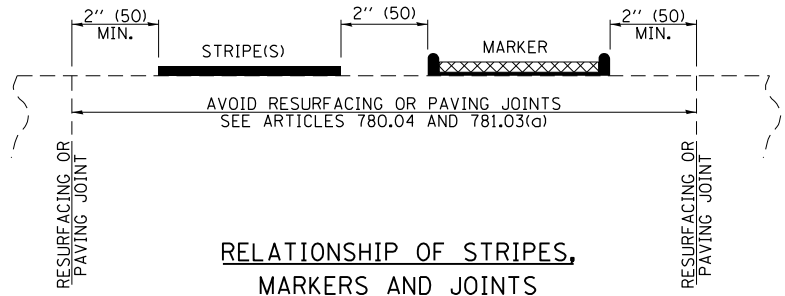
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	61
CONTRACT NO. 74473				
ILLINOIS FED. AID PROJECT				



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

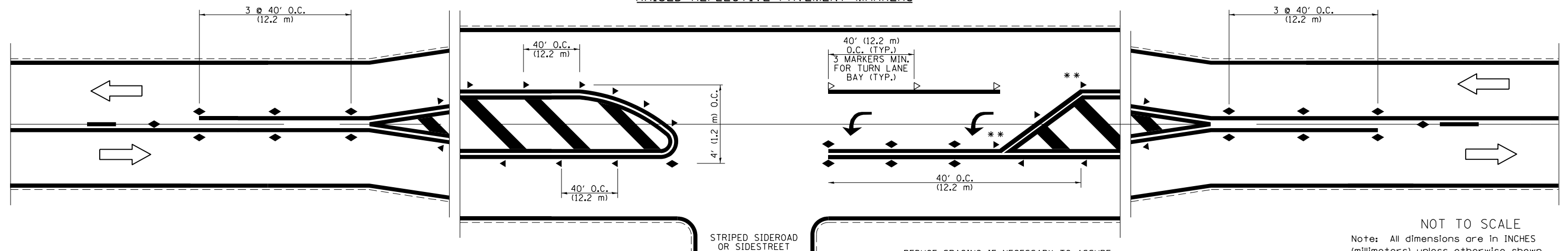
* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.



TYPICAL PAVEMENT MARKERS LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS



** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

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

DISTRICT 7 DETAIL NO. 7800001				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	62
			CONTRACT NO. 74473	
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

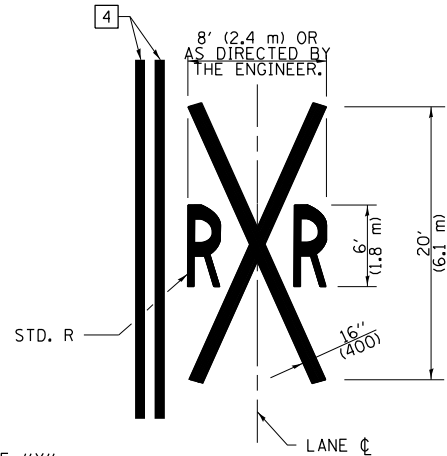
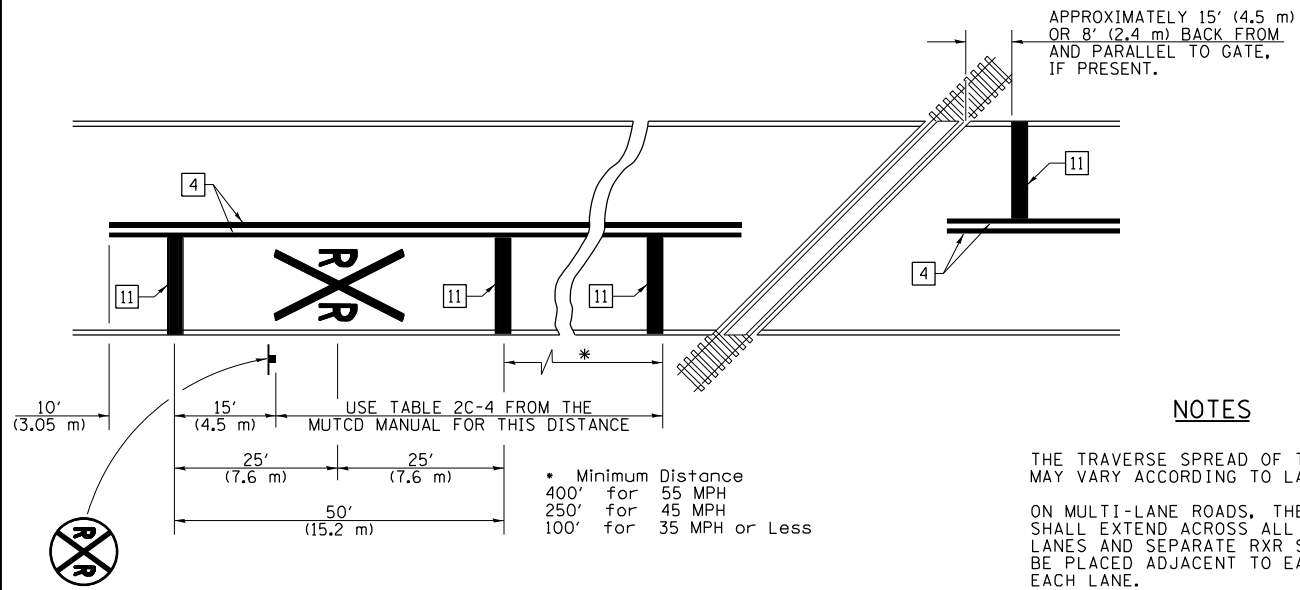
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: N/A SHEET 3 OF 4 SHEETS STA. TO STA.

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 OFFICE: District 7

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

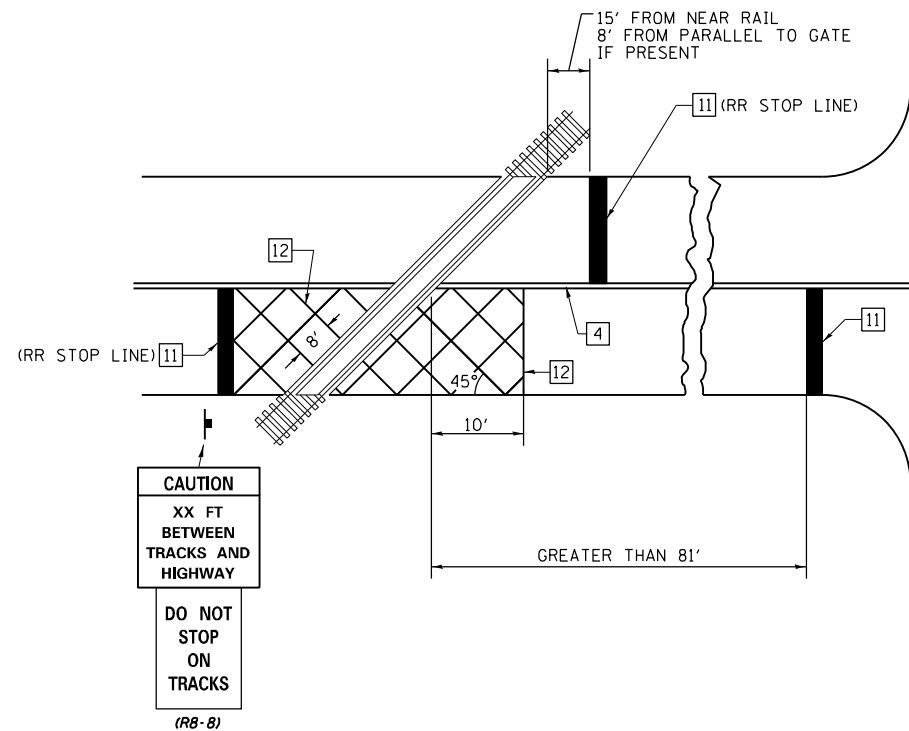
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

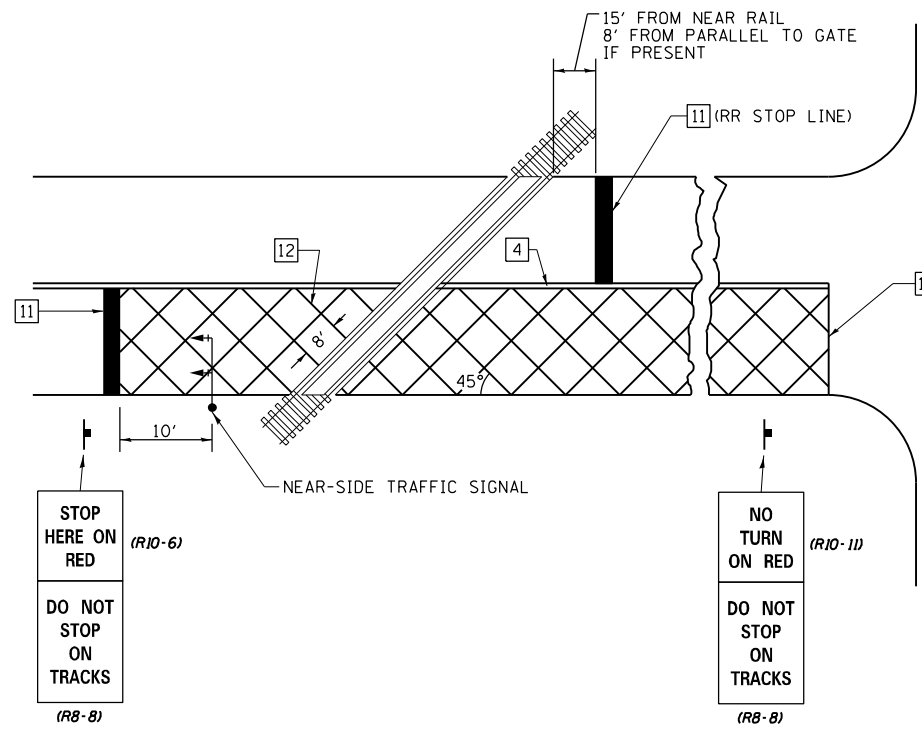
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
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- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
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- 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. 78000001

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

USER NAME = stef/enmk	DESIGNED -	REVISED -
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PLOT DATE = 3/12/2021	DATE -	REVISED -

SCALE: N/A SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(15, 16)Z RS-2	LAWRENCE	63	63
			CONTRACT NO. 74473	
ILLINOIS FED. AID PROJECT				