

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3/28A	1 & 12)RS	EFFINGHAM	35	1
ILLINOIS CONTRACT NO. 74907				

* 35 + 1 = 36 TOTAL SHEETS

D-97-024-19

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT = 8400 (F.A.P. 328A)

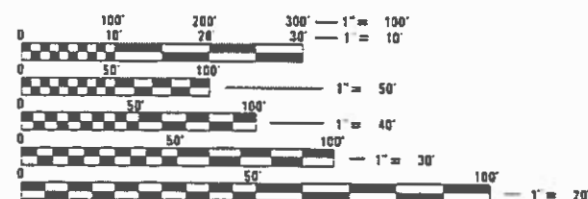
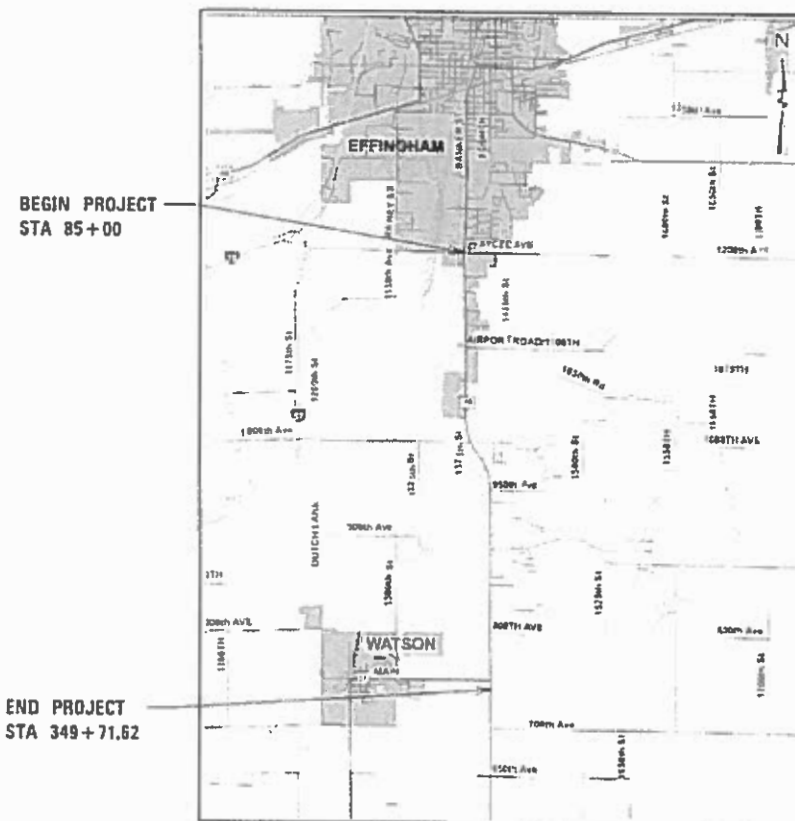
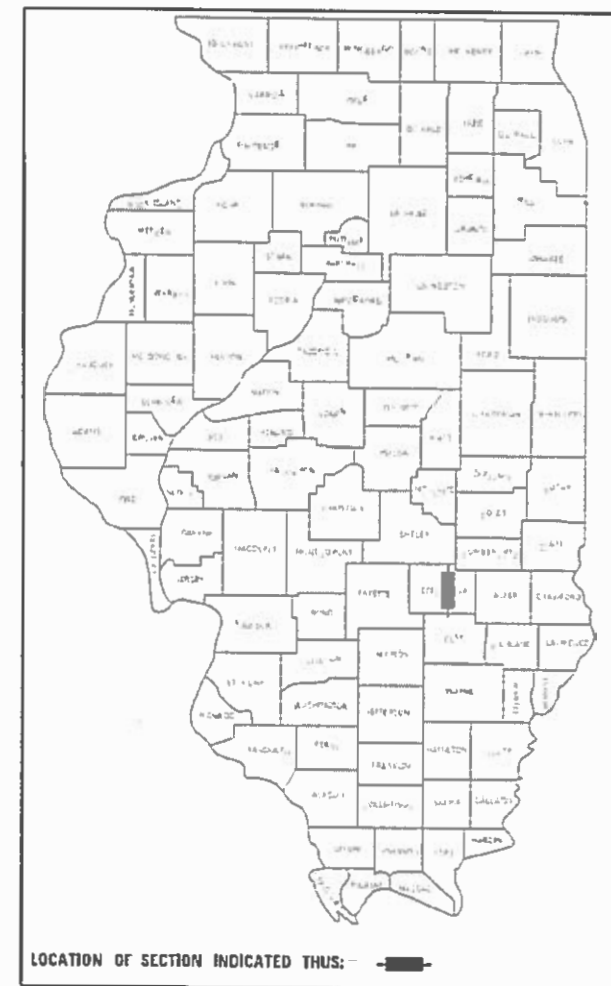
STATION EQUATIONS

91+69.07 BK = 91+70.56 AH
 102+70.50 BK = 102+79.47 AH
 179+75.09 BK = 179+71.55 AH
 201+11.21 BK = 201+19.40 AH
 221+79.71 BK = 232+00.00 AH
 308+32.67 BK = 308+32.62 AH

PROPOSED HIGHWAY PLANS

FAP ROUTE 328A
SECTION (1 & 12)RS
PROJECT NHPP-MJMC(218)
3P RESURFACING
EFFINGHAM COUNTY

C-97-036-19



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 BRIAN LEWIS
PROJECT MANAGER CHRIS WESTENDORF

CONTRACT NO. 74907

GROSS LENGTH = 25436.27 FT. = 4.817 MILE
NET LENGTH = 25436.27 FT. = 4.817 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 29, 2020
Jeffery P. M... / Regional Engineer
March 20, 2020
... / Engineer of Design and Environment
March 20, 2020
... / Director of Highways Project Implementation

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INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES
3-5	SUMMARY OF QUANTITIES
6-7	TYPICAL CROSS SECTIONS
8-10	SCHEDULE OF QUANTITIES
11	ENTRANCE SCHEDULE
12-20	PLAN SHEETS
21-29	PAVEMENT MARKING SHEETS
30-35B	MISC DETAILS

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

STD. NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
606301-04	PC CONCRETE ISLAND AND MEDIANS
667101-02	PERMANENT SURVEY MARKERS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS >= 45 MPH
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	CURB REFLECTORS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

THE WORK INCLUDED IN SECTION (1&12)RS CONSISTS OF PAVEMENT PATCHING, HMA SURFACE REMOVAL, HMA RESURFACING, HMA SHOULDERS, AGGREGATE SHOULDERS, PAVEMENT MARKINGS, AND OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE PROPOSED PROJECT IS LOCATED ON FAP 328A (US ROUTE 45) AND BEGINS AT JAYCEE AVE IN EFFINGHAM AND ENDS 0.2 MILES SOUTH OF ILLINOIS ROUTE 37, IN EFFINGHAM COUNTY.

THE CONTRACTOR SHALL MILL THROUGH THE CLASS D PATCHES AFTER THE PATCHING IS COMPLETED. THIS WORK SHALL BE PAID FOR AS HMA SURFACE REMOVAL OF THE THICKNESS SPECIFIED.

CLASS C PATCHES SHALL BE USED WITHIN THE LIMITS OF THE CURB AND GUTTER SECTION IN HEARTVILLE.

THE ACTUAL LOCATIONS OF PAVEMENT PATCHING SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

MILLED AREAS SHALL BE RESURFACED WITHIN 5 CALENDER DAYS.

LONGITUDINAL JOINT SEALANT SHALL BE APPLIED TO THE FINISHED FINE GRADE BINDER AT ALL PAVING JOINTS WHICH INCLUDE THE JOINTS BETWEEN LANES, EDGE JOINTS OF THE CENTER TURN LANE, THE JOINT CREATED BY THE RIGHT TURN LANES, AND SELECT EDGE JOINTS SHOWN IN THE SCHEDULE OF QUANTITIES.

MATERIAL FOR AGGREGATE WEDGE SHOULDER, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP.

SHORT TERM PAVEMENT MARKING APPLIED TO ANY MILLED SURFACE SHALL BE PAINT AND THOSE APPLIED TO THE HMA SURFACE COURSE SHALL BE TAPE.

THE FOLLOWING APPLICATION RATES WERE USED IN CALCULATING PLAN QUANTITIES AND HAVE BEEN INCLUDED FOR REFERENCE:

AGGREGATE FOR SURFACE, WEDGE SHOULDERS AND GRANULAR SUBBASE	2.05 TON/CU YD
BITUMINOUS MATERIALS (TACK COAT)	0.05 LB/SQ FT (ON MILLED AND CONCRETE SURFACES)
	0.025 LB/SQ FT (ON HMA LIFTS)
HOT-MIX ASPHALT PATCHING, BINDERS AND SURFACES	112 LB/SQ YD/INCH

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	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	PFP
POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90	SBS PG 70-22	4.0% @ N=90	IL - 9.5FG	N/A	PFP
INCIDENTAL HMA SURFACING	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	QC/QA
CLASS "D" PAVEMENT PATCHING	PG 64-22	4.0% @ N=90	IL - 19.0	N/A	QC/QA
HMA SHOULDERS 3 3/4" (TOP LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	QC/QA
HMA SHOULDERS 3 3/4" (BOTTOM LIFT)	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	QC/QA

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DRAWN -	REVISED -	328A			(1&12)RS	EFFINGHAM	35	2	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74907				
PLOT DATE = 3/17/2020	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

80% FED
20% STATE

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 URBAN	0005 RURAL	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	61	37	24	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	95419	47886	47533	
40600990	TEMPORARY RAMP	SQ YD	607	262	345	
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	10830	5862	4968	
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	12515	6732	5783	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	482	242	240	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	120519	69567	50952	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	21739	2642	19097	
44003100	MEDIAN REMOVAL	SO FT	1282		1282	
44201403	CLASS C PATCHES, TYPE II, 14 INCH	SO YD	40		40	
44201811	CLASS D PATCHES, TYPE I, 14 INCH	SO YD	9		9	
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	1250	640	610	
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	222	128	94	
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SO YD	350	350		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 URBAN	0005 RURAL	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	572	268	304	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	5538	2590	2948	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	2.8	4.2	
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	7	2.8	4.2	
67100100	MOBILIZATION	L SUM	1	0.4	0.6	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	0.4	0.6	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	14	14	

REV. - MS

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PLOT DATE = 1/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	3
CONTRACT NO. 74907			ILLINOIS FED. AID PROJECT	

80% FED
20% STATE

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 URBAN	0005 RURAL	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	22059	11872	10187	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	7280	3918	3362	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	2251	1315	936	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	175495	46489	129006	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	5898	4486	1412	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	136		136	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2285	768	1517	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	30		30	
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	2251	1315	936	
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	175495	46489	129006	
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5898	4486	1412	
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	136		136	
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2285	768	1517	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 URBAN	0005 RURAL	
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30		30	
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1279	683	596	
78200020	CURB REFLECTORS	EACH	10		10	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	22		22	
88600100	DETECTOR LOOP, TYPE I	FOOT	302	302		
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SO YD	4590	2307	2283	
X4060995	TEMPORARY RAMP, SPECIAL	SO YD	723	55	668	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	626	246	380	
X6061702	CONCRETE MEDIAN, TYPE SM (DOWELLED)	SO FT	125		125	
X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	2251	1315	936	
X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	175495	46489	129006	
X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	5898	4486	1412	
X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	136		136	
X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	2285	768	1517	
X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	30		30	

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* SPECIALTY ITEM

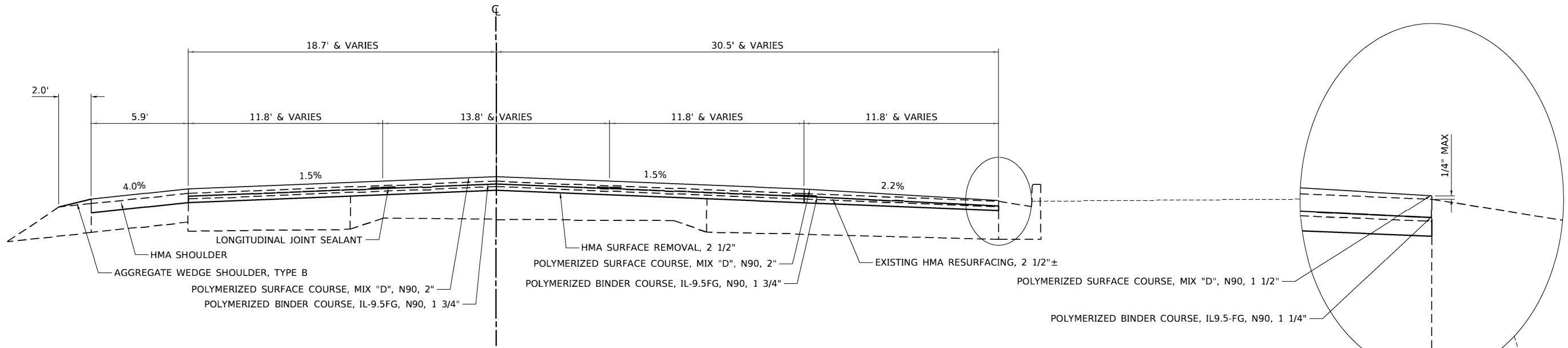
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

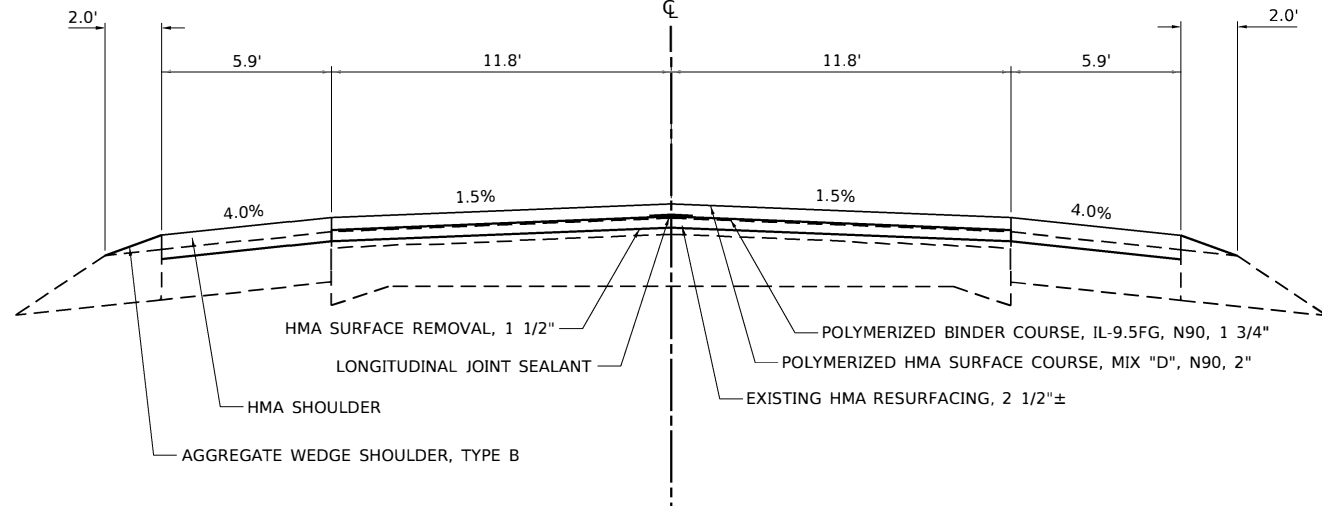
SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	4
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



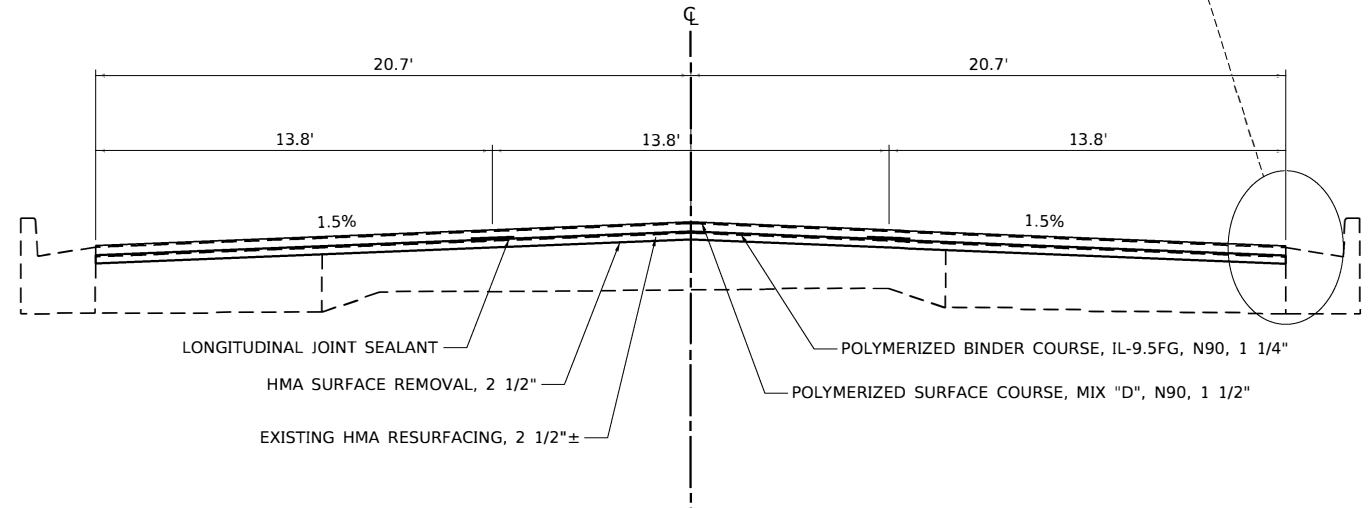
US 45 TYPICAL SECTION

STA 161+93.77 TO STA 166+27.11



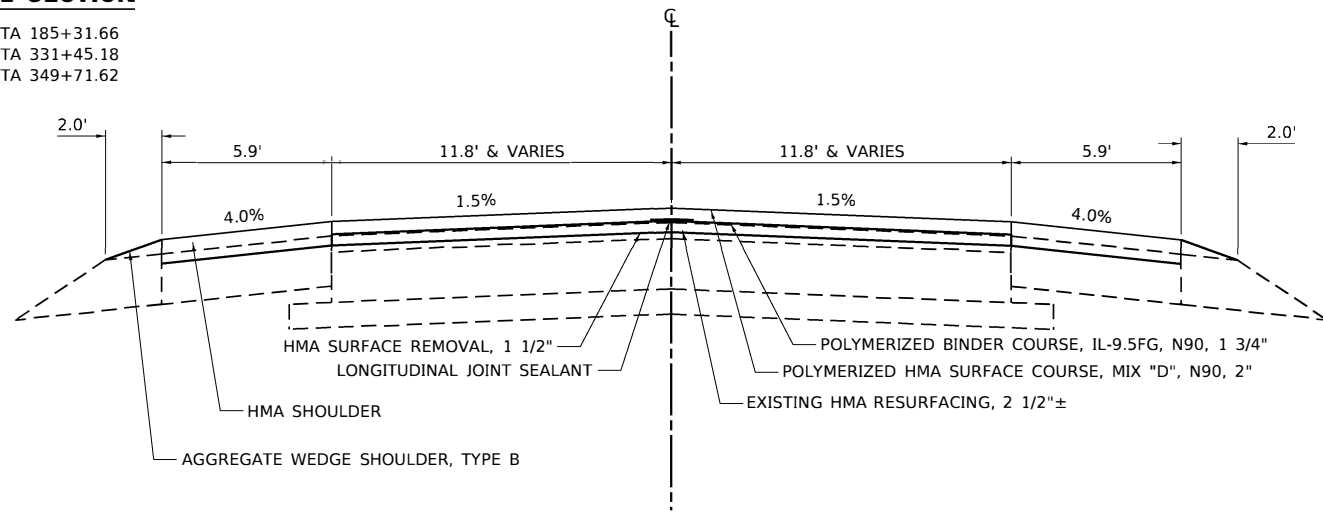
US 45 TYPICAL SECTION

STA 173+12.23 TO STA 185+31.66
 STA 271+39.19 TO STA 331+45.18
 STA 346+56.11 TO STA 349+71.62



US 45 TYPICAL SECTION

STA 218+44.60 TO STA 269+91.88



ILL 37 TYPICAL SECTION

STA 1302+00.21 TO STA 1309+13.78

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PLOT DATE = 3/17/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	7
CONTRACT NO. 74907			ILLINOIS FED. AID PROJECT	

REV. - MS

PAVING SCHEDULE

STATION	TO	STATION	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH (SQ YD)	BITUMINOUS MATERIALS, TACK COAT (POUNDS)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 (TONS)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 (TONS)	HOT-MIX ASPHALT SHOULDERS (TONS)	AGGREGATE WEDGE SHOULDER, TYPE B (TONS)
85+00.00		91+69.07	5338.6			3603.6	414.5	506.0	168.8	17.5
STATION EQUATION: 91+69.07 BK = 91+70.56 AH										
91+70.56		102+70.50	8616.1			5815.8	730.6	835.0	243.8	25.2
STATION EQUATION: 102+70.50 BK = 102+79.47 AH										
102+79.47		141+31.86	30586.0			20645.5	2558.8	2924.4	939.8	97.2
141+31.86		147+22.41	4389.8			2963.1	354.3	404.9	162.6	16.8
147+22.41		152+34.55	3419.0			2307.8	274.4	313.6	130.1	13.4
152+34.55		158+24.67	3376.6			2279.2	278.2	318.0	112.9	11.7
158+24.67		160+49.24	1227.6			828.7	91.5	104.5	61.8	6.4
160+49.24		161+73.77	762.4			514.6	58.7	67.1	34.3	3.5
161+73.77		161+93.77			130.8	88.3	10.3	11.7	5.5	0.6
161+93.77		164+90.53		1816.8		205.1	159.0	181.7	40.9	4.2
164+90.53		166+27.11		824.8		556.7	72.1	82.3	18.8	1.9
166+27.11		166+47.11			115.2	77.7	8.7	10.0	5.5	0.6
166+47.11		169+67.68	1751.4			1182.9	130.6	149.2	88.3	9.1
169+67.68		173+12.23	1551.9			1047.5	114.4	130.8	80.7	8.3
173+12.23		179+75.09	2607.2			1759.9	170.3	194.7	182.5	18.9
STATION EQUATION: 179+75.09 BK = 179+71.55 AH										
179+71.55		185+30.97	2200.4			1485.3	143.8	164.3	154.0	15.9
185+30.97		188+36.91	1631.7			1101.4	120.6	137.8	84.2	8.7
188+36.91		188+73.09	243.6			164.4	19.2	22.0	10.0	1.0
188+73.09		190+80.80	1407.8			950.3	111.3	127.2	57.2	5.9
190+80.80		191+81.58	457.1			308.5	41.0	46.9	8.0	0.8
191+81.58		201+11.21	4997.5			3373.3	378.6	432.7	238.2	24.6
STATION EQUATION: 201+11.21 BK = 201+19.40 AH										
201+19.40		213+76.74	6814.5			4599.8	512.0	585.2	333.8	34.5
213+76.74		217+85.16	2249.0			1518.1	175.0	200.0	106.8	10.1
217+85.16		218+25.16			202.9	147.6	14.8	17.3	8.8	0.9
218+25.16		221+79.71		1627.0		1098.2	113.9	136.7		
STATION EQUATION: 221+79.71 BK = 232+00.00 AH										
232+00.00		266+96.40		16044.6		10830.1	1123.1	1347.7		
266+96.40		270+07.03		1425.4		962.2	99.8	119.7		
270+07.03		270+47.03			177.4	119.7	10.5	12.2	11.0	1.1
270+47.03		271+39.19	392.7			265.1	26.6	30.4	27.5	2.6
271+39.19		308+32.67	14272.7			9634.1	949.1	1084.7	963.4	99.6
STATION EQUATION: 308+32.67 BK = 308+32.62 AH										
308+32.62		331+45.18	9013.5			6084.1	594.3	679.2	619.4	64.0
331+45.18		332+06.00	244.3			164.9	16.1	18.4	16.7	1.7
332+06.00		334+84.88	1493.6			1008.2	110.5	126.3	76.8	7.9
334+84.88		336+96.36	1371.1			925.5	107.2	122.5	58.2	6.0
336+96.36		337+63.32	409.9			276.7	35.9	41.0	9.2	1.0
337+63.32		341+83.64	2086.3			1408.3	171.2	195.6	71.3	7.4
341+83.64		346+56.11	2275.7			1536.1	162.3	185.5	130.1	13.5
346+56.11		349+71.62	1314.6			887.4	74.3	100.1	86.9	9.0
IL 37			4016.8			2693.6	292.8	348.0	189.6	19.6
Urban Total			69567	2642	246	47886	5862	6732	2590	268
Rural Total			50952	19097	380	47533	4968	5783	2948	304
Total			120519	21739	626	95419	10830	12515	5537	571

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REV. - MS

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	8
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				

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PT #	STATION	OFFSET	TYPE	DESCRIPTION	PROTECTING OR RESETTING SURVEY MARKERS	SURVEY MARKER, TYPE 1 (SPECIAL)	SURVEY MARKER VAULT
100	81+80.58	0.0	PC	DISK IN CENTER OF TURNING LANE	1	1	
101	86+76.6	15.9' RT	PI	DISK IN CENTER OF JOINT OF SBL	1	1	
102	91+69.07 BK 91+70.56 AH	0.0	PT	DISK IN CENTER OF TURNING LANE	1	1	
103	95+50.14	0.0	PC	DISK IN CENTER OF TURNING LANE	1	1	
104	99+10.42	0.0	PI	DISK IN CENTER OF TURNING LANE	1	1	
105	102+70.50 BK 102+79.47 AH	0.0	PT	DISK IN CENTER OF TURNING LANE	1	1	
106	106+17.04	0.0	PI KINK	DISK IN CENTER OF TURNING LANE	1	1	
107	128+00.00	0.0	PI KINK	DISK IN CENTER OF TURNING LANE	1	1	
108	151+43.00	0.0	PI KINK	DISK IN CENTER OF TURNING LANE	1	1	
109	175+00.00	0.0	PI KINK	DISK IN CENTER OF TURNING LANE	1	1	
110	179+75.09 BK 179+71.55 AH	0.0	PC	DISK IN CENTER OF TURNING LANE	1	1	
111	199+13.66	0.0	PT	DISK IN CENTER OF TURNING LANE	1	1	
112	201+11.21 BK 201+19.40 AH	0.0	PC	DISK IN CENTER OF TURNING LANE	1	1	
113	213+76.74	0.0	PCC	DISK IN CENTER OF TURNING LANE	1	1	
114	220+76.74	0.0	PT	DISK IN CENTER OF TURNING LANE	1	1	
115	232+02	1.0' LT	SEC COR	IP IN VAULT	1		1
116	245+00.00	0.0	PI	IP FOUND NEXT TO DISK IN CENTER OF TURNING LANE	1	1	
117	245+00.00	0.0	PI	DISK IN CENTER OF TURNING LANE (STAMPED W/ ARROW AND "USE PIN")			REMOVE - DO NOT RESET
118	258+68	3.5' LT	SEC COR	IP IN VAULT IN TURNING LANE	1		1
119	280+00	1.0' LT	PI KINK	DISK IN CENTER OF TURNING LANE	1	1	
120	285+35	2.4' LT	SEC COR	DISK FOUND IN NBL	1	1	
121	308+32.67 BK 308+32.62 AH	0.0	PC	DISK FOUND IN CENTERLINE	1	1	
122	311+23.27	1.4' RT	PI	DISK FOUND IN SBL	1	1	
123	312+06	1.6' LT	SEC COR	BENT IP IN VAULT	1		1
124	314+13.91	0.0	PT	DISK FOUND IN CENTERLINE	1	1	
125	314+30.00	0.0	PI KINK	DISK FOUND IN CENTERLINE	1	1	
126	318+66.00	0.0	PI KINK	DISK FOUND IN CENTERLINE	1	1	
127	325+66.00	0.0	PI KINK	DISK FOUND IN CENTERLINE	1	1	
128	338+80.00	0.0	PI KINK/SEC COR	DISK FOUND IN CENTERLINE	1	1	
129	365+58	1.4' LT	SEC COR	DISK FOUND IN NBL	1	1	
URBAN TOTAL					11	11	
RURAL TOTAL					18	15	3
TOTAL					29	26	3

CONCRETE MEDIAN

LOCATION	MEDIAN REMOVAL (SQ FT)	CONCRETE MEDIAN, TYPE SM (DOWELLED) (SQ FT)	CURB REFLECTORS (EACH)
IL 37	1282	125	10
Total	1282	125	10

TEMPORARY RAMP

LOCATION	OFFSET	TEMPORARY RAMP (SQ YD)
NORTH LIMIT	CL	34.0
WALK AVE	RT	88.6
AIRPORT ROAD	RT	48.0
E DUTCH LANE	RT	91.8
W DUTCH LANE	LT	91.3
GEORGIA AVE	RT	61.2
OLD ROUTE 45	LT	72.6
850TH AVE	RT	46.1
800TH AVE	RT	46.2
IL 37	LT	13.1
SOUTH LIMIT	CL	14.3
Urban Total		262
Rural Total		345
Total		607

LONGITUDINAL JOINT SEALANT

STATION	TO	STATION	NUMBER OF PASSES	LONGITUDINAL JOINT SEAL (FOOT)	DESCRIPTION
85+00.00		91+69.07	4	2676.3	MAINLINE
STATION EQUATION: 91+69.07 BK = 91+70.56 AH					
91+70.56		102+70.50	4	4399.8	MAINLINE
WALK AVE					
STATION EQUATION: 102+70.50 BK = 102+79.47 AH					
102+79.47		147+22.41	4	17771.8	MAINLINE
AIRPORT ROAD					
147+22.41		158+24.67	3	3306.8	MAINLINE
158+24.67		160+49.24	2	449.1	MAINLINE
160+49.24		166+37.36	3	1764.4	MAINLINE
166+37.36		173+12.23	2	1349.7	MAINLINE
173+12.23		179+75.09	1	662.9	MAINLINE
STATION EQUATION: 179+75.09 BK = 179+71.55 AH					
179+71.55		185+30.97	1	559.4	MAINLINE
185+30.97		191+81.58	3	1951.8	MAINLINE
191+81.58		192+24.45	3	128.6	MAINLINE
E DUTCH LANE					
192+24.45		201+11.21	2	1773.5	MAINLINE
STATION EQUATION: 201+11.21 BK = 201+19.40 AH					
201+19.40		221+79.71	2	4120.6	MAINLINE
STATION EQUATION: 221+79.71 BK = 232+00.00 AH					
232+00.00		271+39.19	2	7878.4	MAINLINE
OLD STATE POLICE RD					
271+39.19		308+32.67	1	3693.5	MAINLINE
STATION EQUATION: 308+32.67 BK = 308+32.62 AH					
308+32.62		331+45.18	1	2312.6	MAINLINE
331+45.18		332+06.00	2	121.6	MAINLINE
332+06.00		340+85.87	3	2639.6	MAINLINE
340+85.87		346+56.11	2	1140.7	MAINLINE
346+56.11		349+71.62	1	315.5	MAINLINE
1302+00.21		1309+13.78	1	713.6	ILL ROUTE 37 CL
Urban Total				35248	
Rural Total				25105	
Total				60353	

TEMPORARY RAMP, SPECIAL

STATION	TO	STATION	OFFSET	TEMPORARY RAMP, SPECIAL (SQ YD)
162+38.66		162+80.20	RT	9.2
163+48.34		163+96.75	RT	10.8
164+28.70		164+70.23	RT	9.2
164+90.53		166+07.40	RT	26.0
221+38.81		221+79.17	LT	9.0
232+00.00		232+49.10	LT	10.9
233+81.86		234+37.21	LT	12.3
235+14.31		235+69.79	LT	12.3
236+20.92		236+76.39	LT	12.3
238+22.53		239+11.44	LT	19.8
239+25.59		240+08.27	LT	18.4
240+45.51		240+99.97	LT	12.1
241+28.34		241+87.72	LT	13.2
242+18.24		242+71.72	LT	11.9
243+15.69		243+71.13	LT	12.3
244+15.76		244+71.20	LT	12.3
246+33.59		246+92.97	LT	13.2
247+63.51		248+18.96	LT	12.3
249+45.59		250+01.05	LT	12.3
250+37.13		250+98.16	LT	13.6
251+01.12		251+65.42	LT	14.3
252+60.23		253+19.62	LT	13.2
257+05.77		258+02.21	LT	21.4
261+90.52		262+59.41	LT	15.3
264+05.40		264+67.37	LT	13.8
264+76.32		265+78.48	LT	22.7
266+12.31		266+67.50	LT	12.3
268+49.47		269+12.80	LT	14.1
221+48.76		221+79.17	RT	6.8
232+00.00		232+32.47	RT	7.2
232+32.47		232+92.06	RT	13.2
233+49.25		234+38.18	RT	19.8
234+38.18		235+14.50	RT	17.0
236+08.96		236+83.46	RT	16.6
237+59.90		238+42.58	RT	18.4
239+27.89		239+90.95	RT	14.0
240+24.67		240+87.73	RT	14.0
240+88.97		241+41.79	RT	11.7
242+54.33		243+17.65	RT	14.1
243+97.38		244+89.56	RT	20.5
246+51.31		247+14.63	RT	14.1
248+15.08		248+74.93	RT	13.3
249+41.99		250+01.38	RT	13.2
250+04.32		250+63.71	RT	13.2
251+09.63		251+65.08	RT	12.3
252+41.20		252+92.71	RT	11.4
253+27.82		253+83.26	RT	12.3
259+46.67		259+98.17	RT	11.4
261+14.06		261+69.00	RT	12.2
262+01.51		262+54.98	RT	11.9
263+95.86		264+95.80	RT	22.2
265+01.03		265+52.54	RT	11.4
Urban Total				55
Rural Total				668
Total				723

REV. - MS

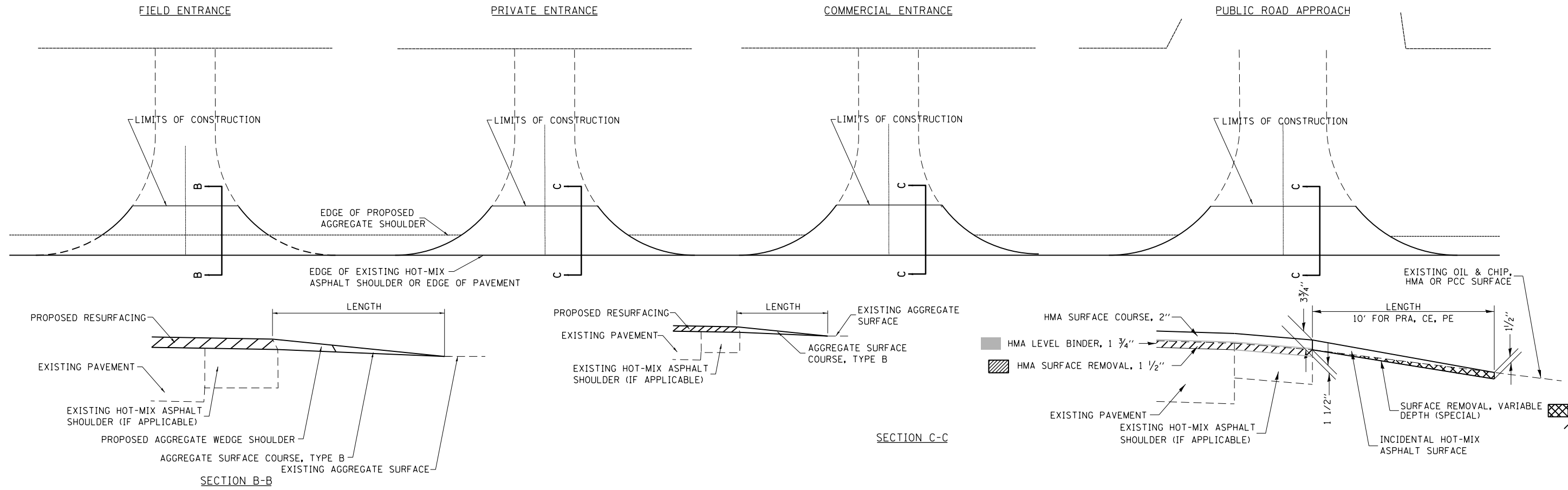
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PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	9
			CONTRACT NO. 74907	
		ILLINOIS	FED. AID PROJECT	



SECTION B-B

SECTION C-C

NOTES
 LENGTH = 10' UNLESS OTHERWISE NOTED ON PLANS

IF THERE IS NOT EXISTING HOT-MIX ASPHALT SHOULDER THEN THE ENTRANCE TAPER STARTS AT THE EDGE OF EXISTING PAVEMENT.

THE COST OF THE BITUMINOUS MATERIALS (TACK COAT) FOR ENTRANCES AND PUBLIC ROAD APPROACHES SHALL BE INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

SIDE	STATION	TYPE	SURFACE REMOVAL - VARIABLE DEPTH (SPECIAL)		INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE - TYPE B
			SO YD	TON		
LT	87+62	CE	45.6	4.8		
RT	91+03	CE	101.7	10.7		
RT	92+73	FE				1.9
LT	93+43	CE	152.2	16.0		
RT	97+73	CE	69.4	7.3		
LT	98+00	CE	216.7	22.8		
RT	99+85	PE	52.8	5.5		
RT	100+76	FE				2.1
LT	106+15	PRA	92.2	9.7		
RT	108+31	PE	40.6	4.3		
RT	109+56	PE	42.8	4.5		
LT	109+96	CE	79.4	8.3		
RT	110+64	PRA	66.7	7.0		
LT	112+33	CE	75.0	7.9		
RT	112+69	FE				1.9
RT	116+88	FE				4.3
LT	117+52	PRA	86.7	9.1		
LT	120+26	PE	38.3	4.0		
RT	120+66	FE				2.3
		TOTAL	1160	122	13	

SIDE	STATION	TYPE	SURFACE REMOVAL - VARIABLE DEPTH (SPECIAL)		INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE - TYPE B
			SO YD	TON		
RT	125+02	FE				5.4
LT	125+18	PRA	90.6	9.5		
RT	128+69	FE				1.7
LT	129+06	PE	50.0	5.3		
RT	131+39	FE				2.1
RT	132+68	FE				1.7
LT	132+76	CE	50.6	5.3		
RT	135+45	CE	60.0	6.3		
LT	136+13	CE	69.4	7.3		
LT	138+14	PRA	82.2	8.6		
RT	138+26	FE	38.3	4.0		
RT	142+77	PE	42.8	4.5		
RT	146+77	FE				1.9
LT	150+63	CE	97.2	10.2		
LT	153+08	CE	62.2	6.5		
RT	156+36	CE	165.6	17.4		
LT	156+73	CE	54.4	5.7		
LT	158+49	FE				2.5
LT	164+51	FE				2.6
		TOTAL	863	91	18	

SIDE	STATION	TYPE	SURFACE REMOVAL - VARIABLE DEPTH (SPECIAL)		INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE - TYPE B
			SO YD	TON		
LT	170+33	FE				2.5
RT	171+85	CE	83.3	8.8		
LT	172+36	PE	35.6	3.7		
LT	173+59	PE	40.0	4.2		
RT	177+78	FE				2.3
RT	177+87	FE				1.4
LT	191+71	PRA	128.9	13.5		
RT	191+85	PRA	120.0	12.6		
LT	196+47	FE				2.6
RT	201+02	PE	53.9	5.7		
LT	202+74	PRA	79.4	8.3		
RT	204+05	FE				2.3
LT	207+85	PE	32.2	3.4		
LT	210+68	PE	42.2	4.4		
LT	214+97	PE	41.7	4.4		
RT	217+38	PRA	117.8	12.4		
LT	270+96	CE	61.7	6.5		
RT	274+60	CE	68.9	7.2		
LT	275+07	PE	33.3	3.5		
		TOTAL	939	99	11	

SIDE	STATION	TYPE	SURFACE REMOVAL - VARIABLE DEPTH (SPECIAL)		INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE - TYPE B
			SO YD	TON		
RT	275+70	CE	75.0	7.9		
LT	275+95	PE	34.4	3.6		
LT	278+20	PE	32.8	3.4		
RT	278+20	PE	34.4	3.6		
LT	279+44	PE	29.4	3.1		
LT	280+74	PRA	50.0	5.3		
RT	285+16	CE	78.9	8.3		
LT	285+23	PRA	62.2	6.5		
RT	286+72	CE	78.9	8.3		
LT	287+05	PE	43.3	4.6		
LT	288+37	PE	30.6	3.2		
LT	289+81	PE	52.2	5.5		
LT	291+35	PE	36.7	3.9		
RT	292+38	FE	41.1	4.3		
LT	293+12	CE				4.1
LT	298+41	FE				4.2
RT	298+72	CE	60.6	6.4		
LT	300+18	PE	42.2	4.4		
RT	304+67	FE				2.4
		TOTAL	783	82	11	

SIDE	STATION	TYPE	SURFACE REMOVAL - VARIABLE DEPTH (SPECIAL)		INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE - TYPE B
			SO YD	TON		
LT	305+69	FE				2.1
LT	309+33	PE	45.6	4.8		
LT	312+10	PRA	57.2	6.0		
RT	311+86	CE	63.3	6.7		
LT	313+91	CE	57.2	6.0		
LT	320+00	PE	40.0	4.2		
LT	326+97	CE	67.2	7.1		
RT	326+89	CE				2.7
LT	328+61	CE	61.1	6.4		
LT	331+69	PE	35.6	3.7		
LT	333+93	CE	57.8	6.1		
LT	337+97	PE	28.9	3.0		
LT	339+12	FE				2.0
LT	339+69	CE	65.0	6.8		
LT	342+03	CE	50.0	5.3		
LT	343+82	PE	30.6	3.2		
LT	346+65	FE				1.5
LT	1304+70	CE	185.0	19.4		
		TOTAL	844	89	8	
		TOTAL	4589	482	61	

FE=FIELD ENTRANCE PRA - PUBLIC ROAD APPROACH
 PE=PRIVATE ENTRANCE MBT - MAILBOX TURNOUT
 CE=COMMERCIAL ENTRANCE

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PLOT DATE = 3/17/2020	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE SCHEDULE AND MAILBOX TURNOUT DETAILS
 WITH SHOULDERS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	11
CONTRACT NO. 74907			ILLINOIS FED. AID PROJECT	

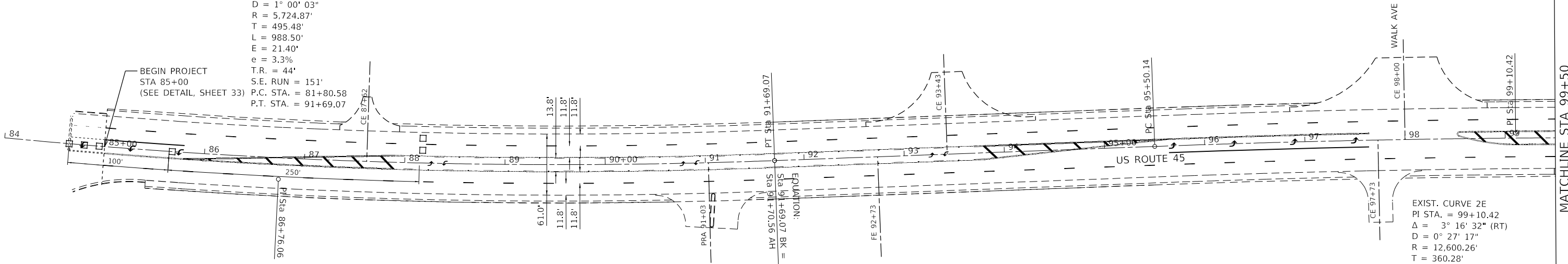
REV. - MS

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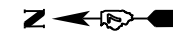


EXIST. CURVE 1E
 PI STA. = 86+76.06
 $\Delta = 9^\circ 53' 35''$ (LT)
 $D = 1^\circ 00' 03''$
 $R = 5,724.87'$
 $T = 495.48'$
 $L = 988.50'$
 $E = 21.40'$
 $e = 3.3\%$
 $T.R. = 44'$
 $S.E. RUN = 151'$
 $P.C. STA. = 81+80.58$
 $P.T. STA. = 91+69.07$

BEGIN PROJECT
 STA 85+00
 (SEE DETAIL, SHEET 33)

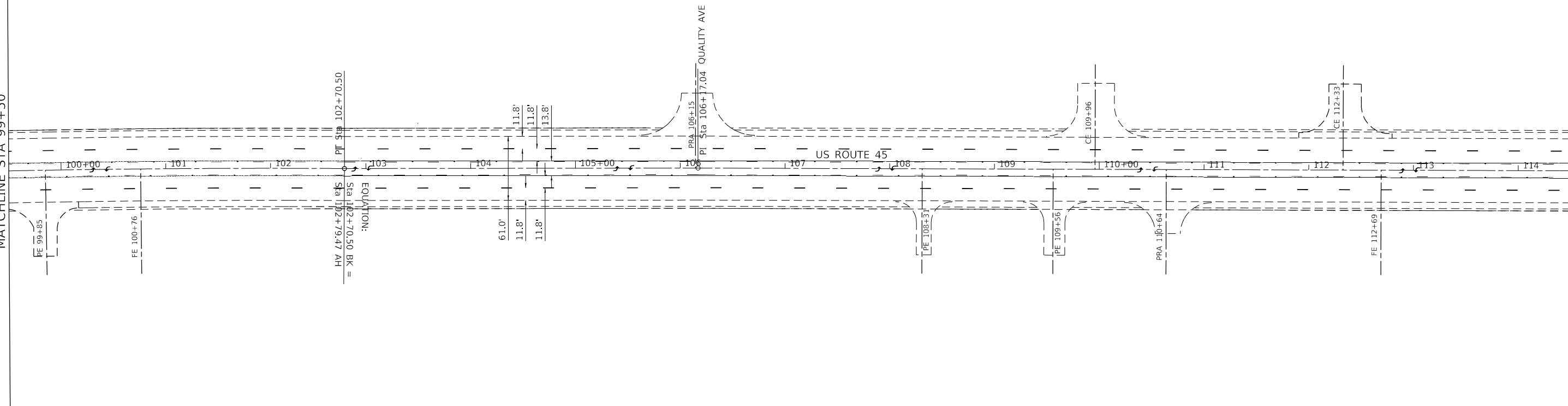


EXIST. CURVE 2E
 PI STA. = 99+10.42
 $\Delta = 3^\circ 16' 32''$ (RT)
 $D = 0^\circ 27' 17''$
 $R = 12,600.26'$
 $T = 360.28'$
 $L = 720.36'$
 $E = 5.15'$
 $e = 1.5\%$
 $T.R. = 69'$
 $S.E. RUN = 69'$
 $P.C. STA. = 95+50.14$
 $P.T. STA. = 102+70.50$



MATCHLINE STA 99+50

MATCHLINE STA 114+50



EQUATION:
 Sta 102+70.50 BK =
 Sta 102+79.47 AH

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

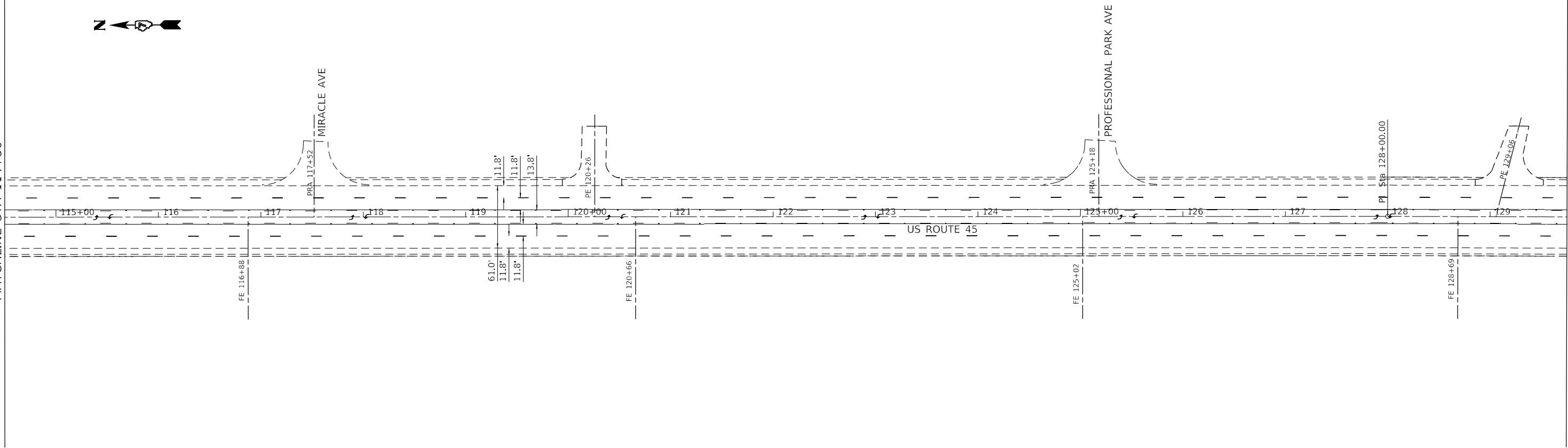
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SCALE: SHEET OF SHEETS STA. 84+00 TO STA. 114+50

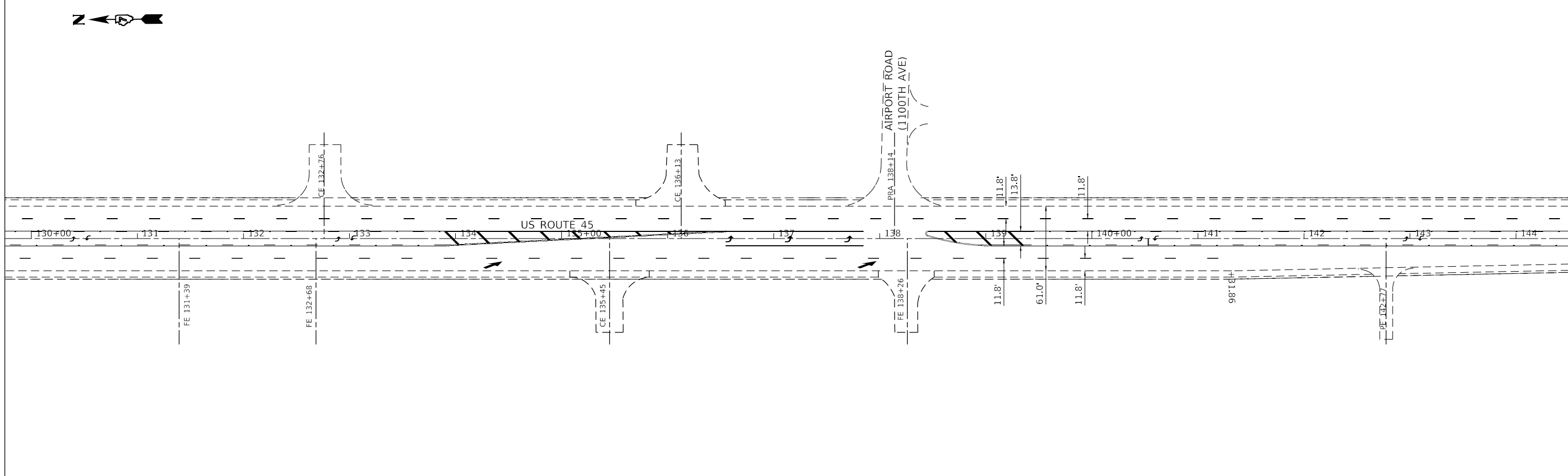
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CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 114+50



MATCHLINE STA 129+75



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: SHEET OF SHEETS STA. 114+50 TO STA. 144+50

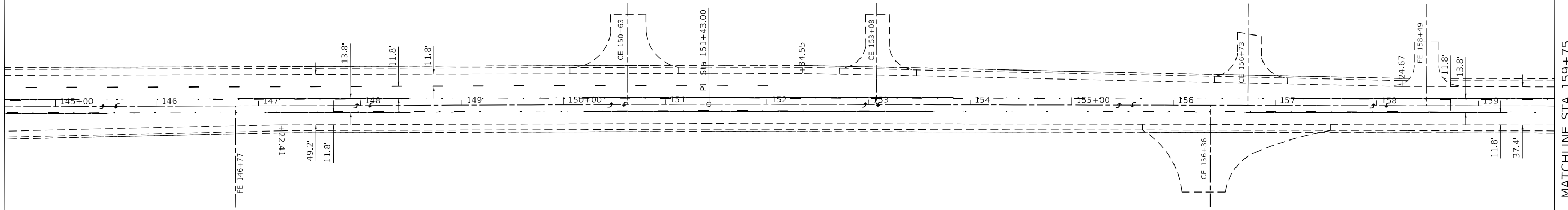
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328A	(1&12)RS	EFFINGHAM	35	13
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				

REV. - MS



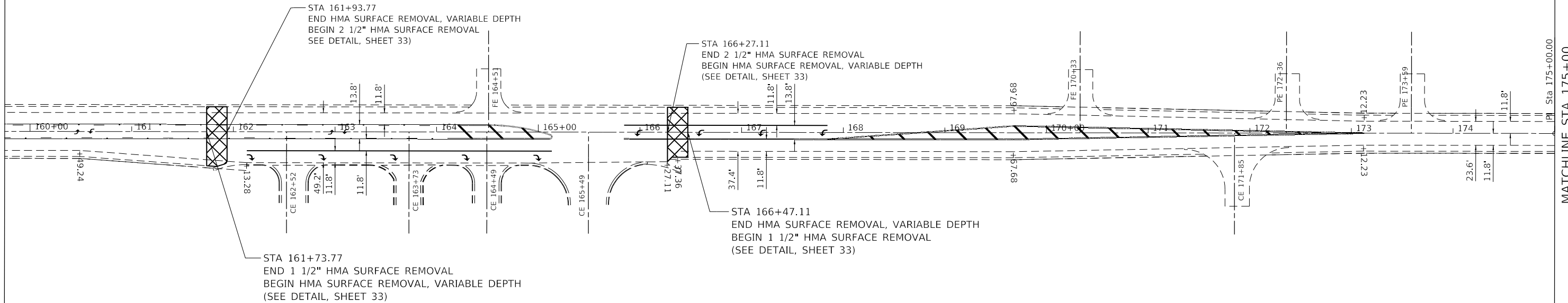
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MATCHLINE STA 159+75



MATCHLINE STA 159+75

MATCHLINE STA 175+00



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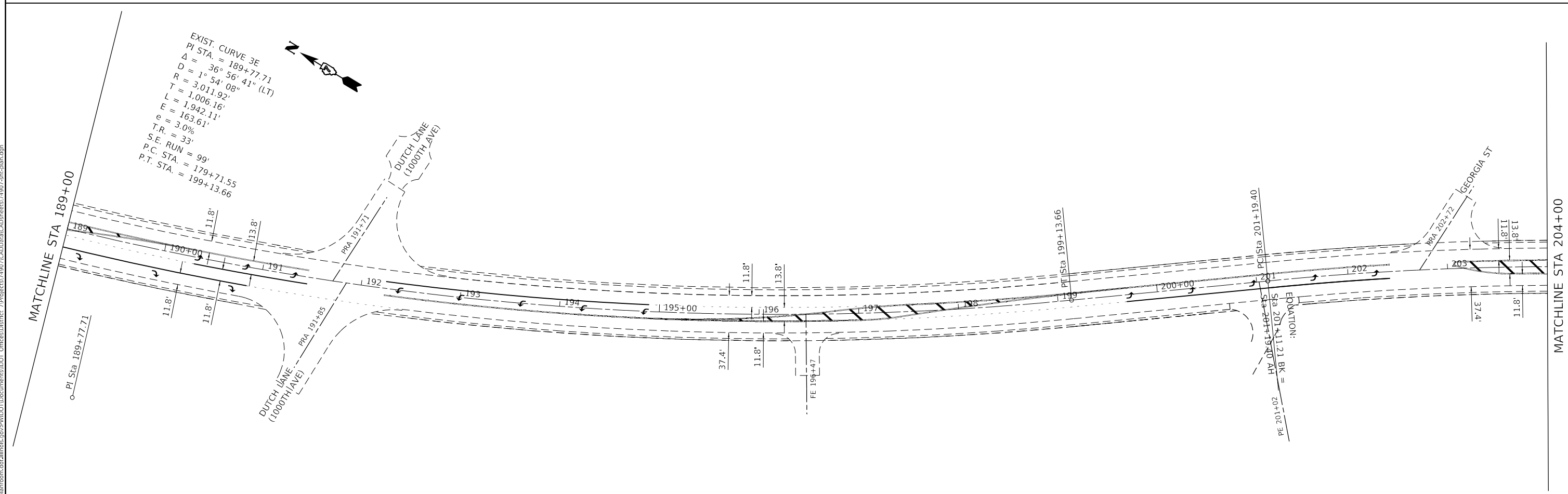
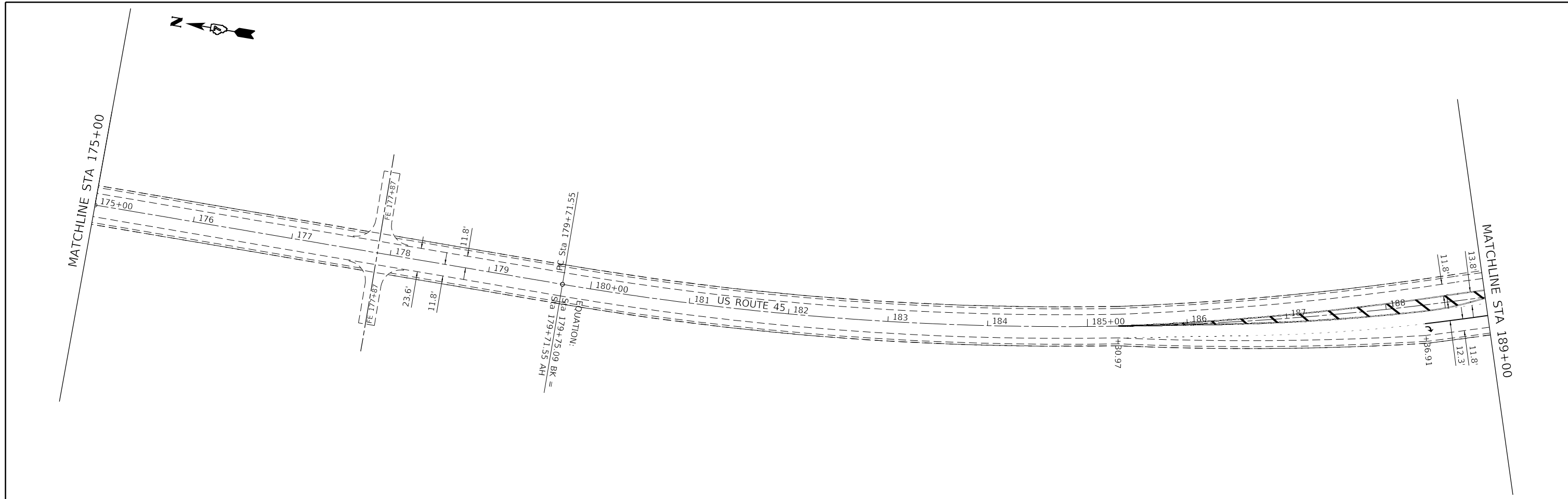
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN

SCALE: SHEET OF SHEETS STA. 144+50 TO STA. 175+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	14
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



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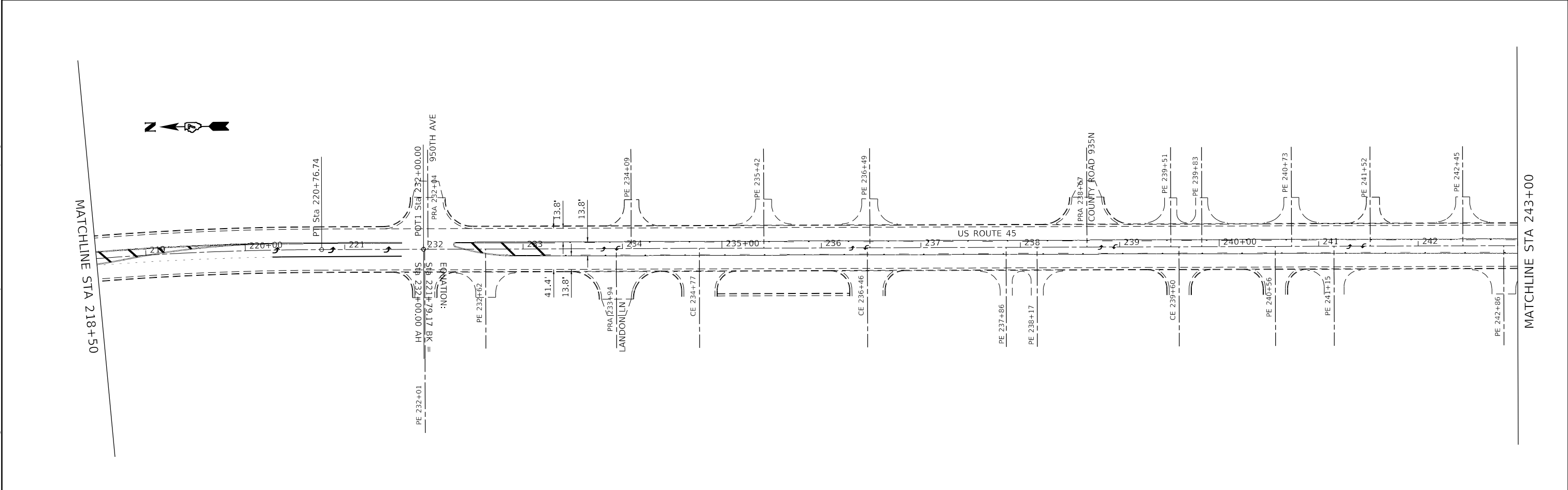
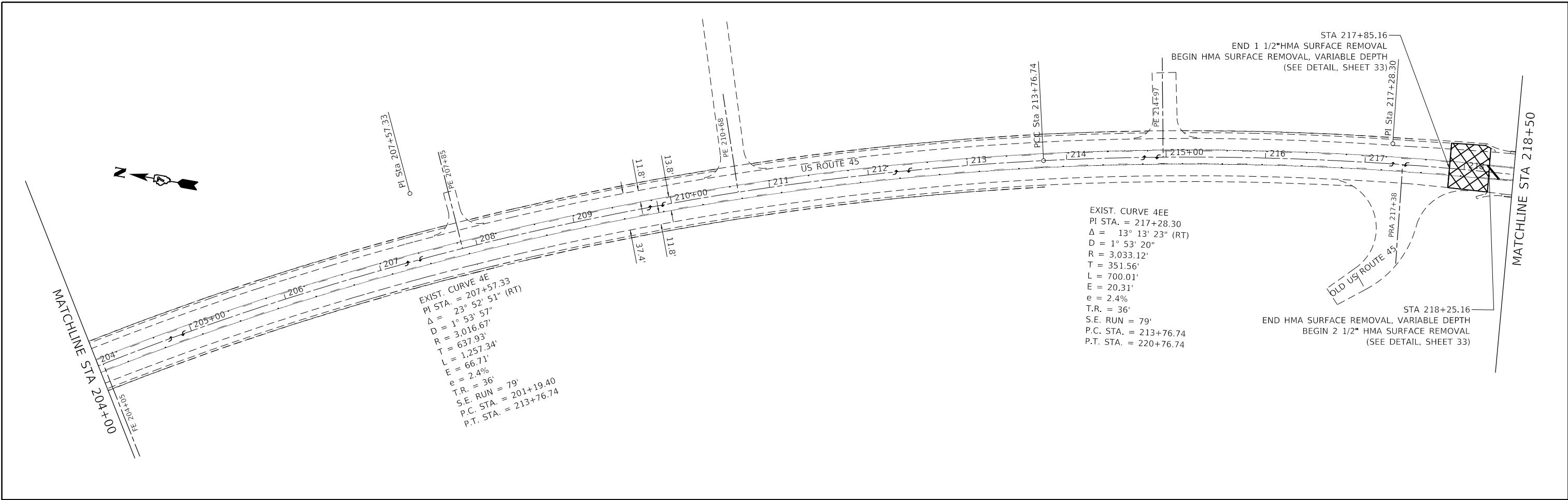
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PLOT DATE = 1/29/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN

SCALE: SHEET OF SHEETS STA. 175+00 TO STA. 204+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	15
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE: h:\m\c\p\supbarroom.d\at\illinois\p\w\dot\Documents\DOT_Offices\Illinet\74907\Cadd\barroom.d\ad\sheet\74907-2-shc-plan.dgn

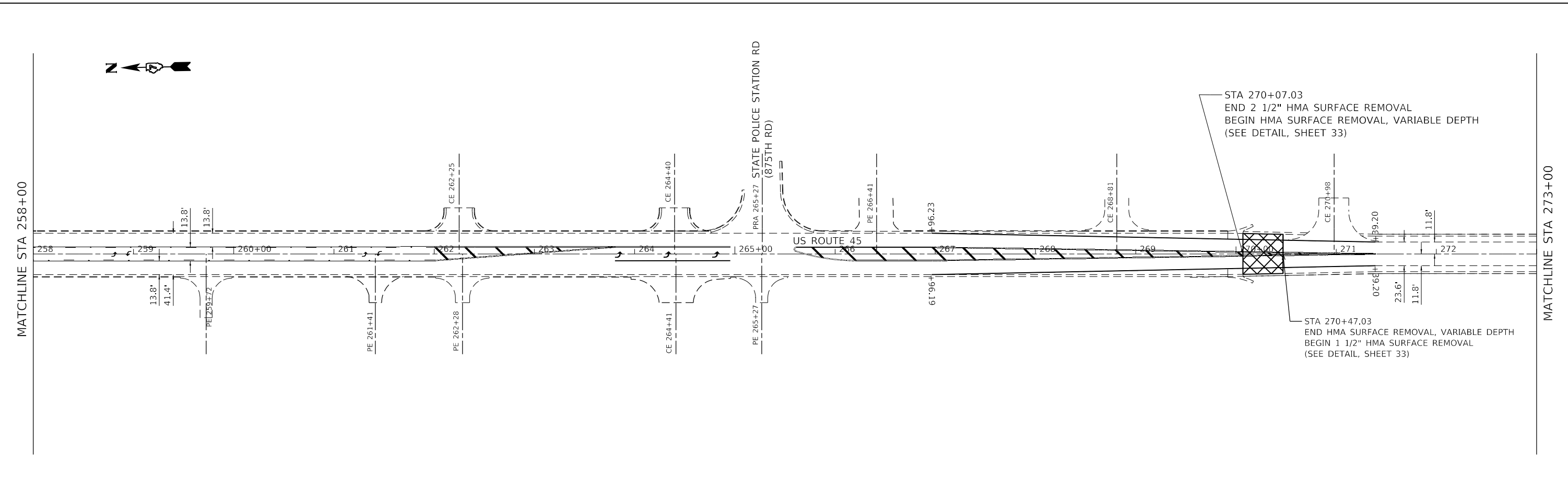
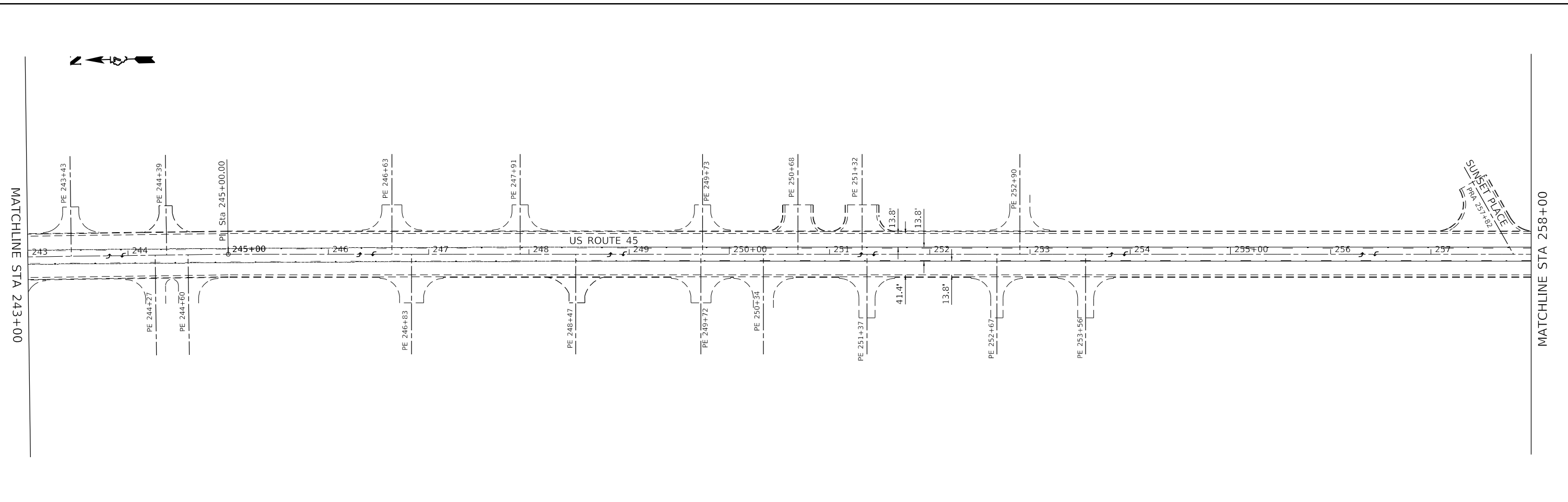
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN			
SCALE:	SHEET	OF SHEETS	STA. 204+00 TO STA. 243+00

F.A.P. RTE. 328A	SECTION (1&12)RS	COUNTY EFFINGHAM	TOTAL SHEETS 35	SHEET NO. 16
CONTRACT NO. 74907				
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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 PROJECT: 74907_CADDData\CADDsheets\74907-shc-plan.dwg



STA 270+07.03
 END 2 1/2" HMA SURFACE REMOVAL
 BEGIN HMA SURFACE REMOVAL, VARIABLE DEPTH
 (SEE DETAIL, SHEET 33)

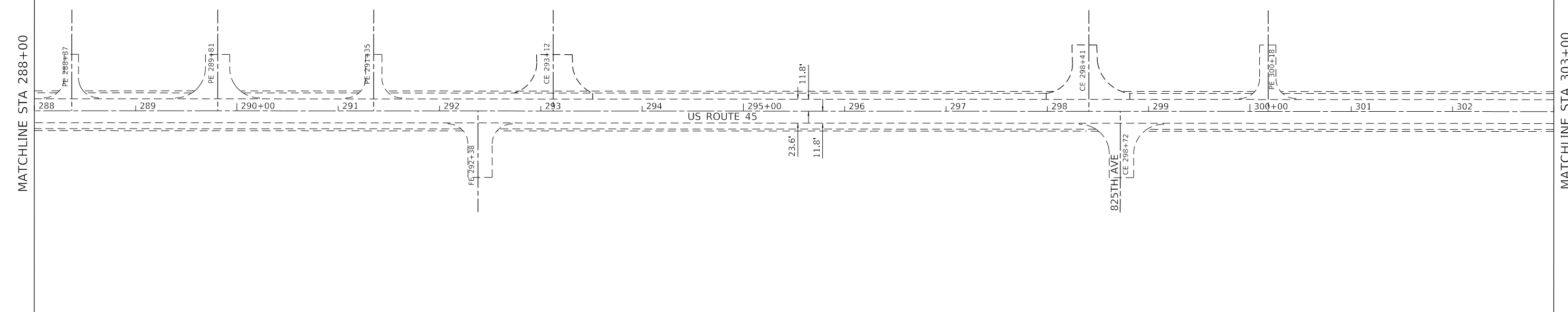
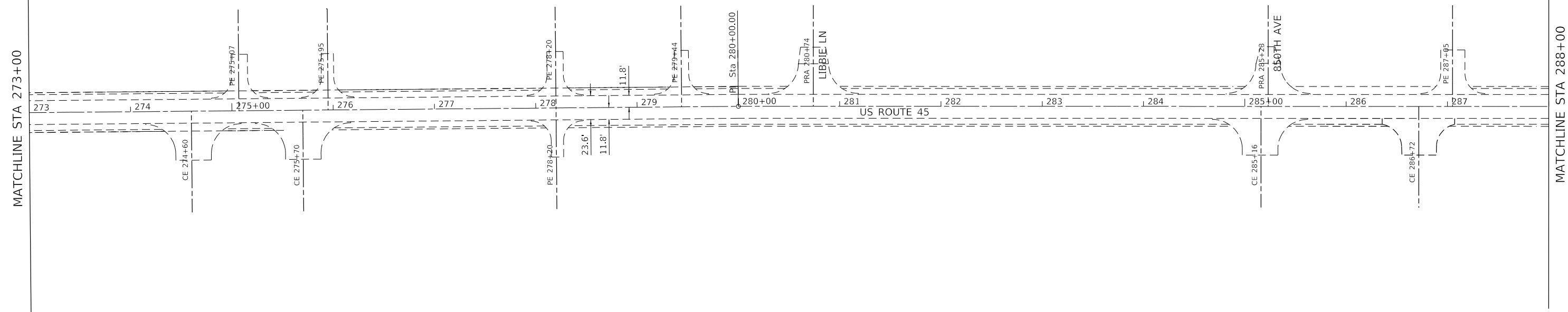
STA 270+47.03
 END HMA SURFACE REMOVAL, VARIABLE DEPTH
 BEGIN 1 1/2" HMA SURFACE REMOVAL
 (SEE DETAIL, SHEET 33)

USER NAME = stefenmk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/29/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN	
SCALE:	SHEET OF SHEETS
STA. 243+00	TO STA. 273+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	17
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE: h:\m1615_1616\planroom.dwg
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USER NAME = steffemk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/29/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN			
SCALE:	SHEET	OF	SHEETS
	STA. 273+00	TO	STA. 303+00

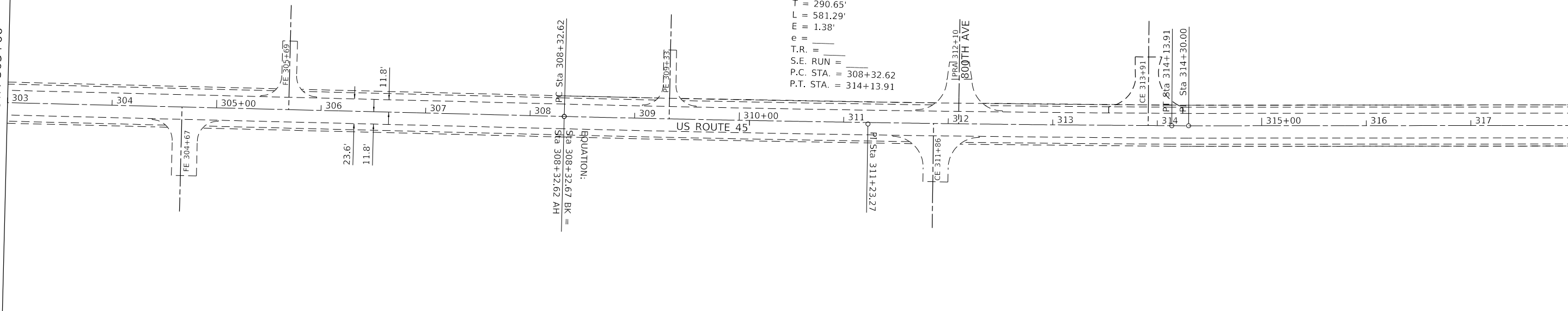
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	18
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 303+00

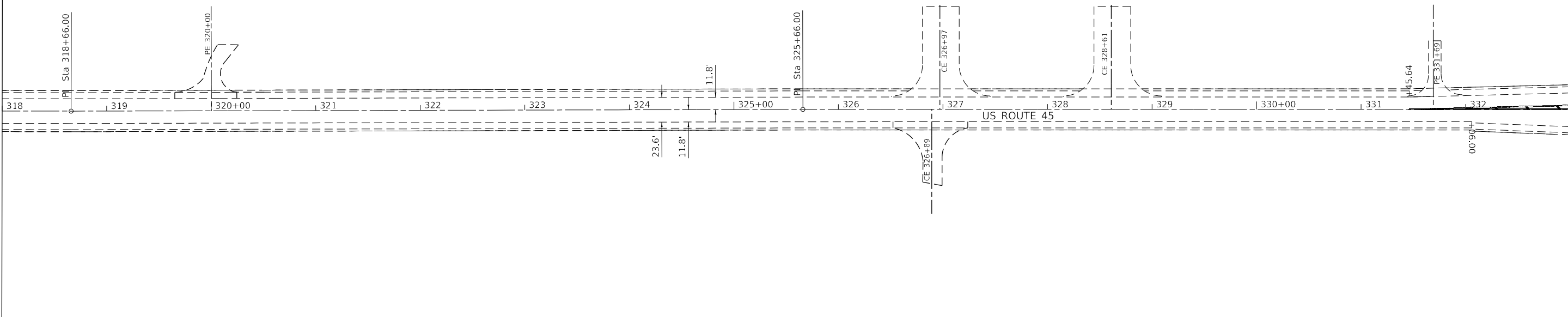
MATCHLINE STA 318+00

EXIST. CURVE 5E
 PI STA. = 311+23.27
 $\Delta = 1^\circ 05' 29''$ (LT)
 $D = 0^\circ 11' 16''$
 $R = 30,514.54'$
 $T = 290.65'$
 $L = 581.29'$
 $E = 1.38'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 308+32.62$
 $P.T. STA. = 314+13.91$



MATCHLINE STA 318+00

MATCHLINE STA 333+00



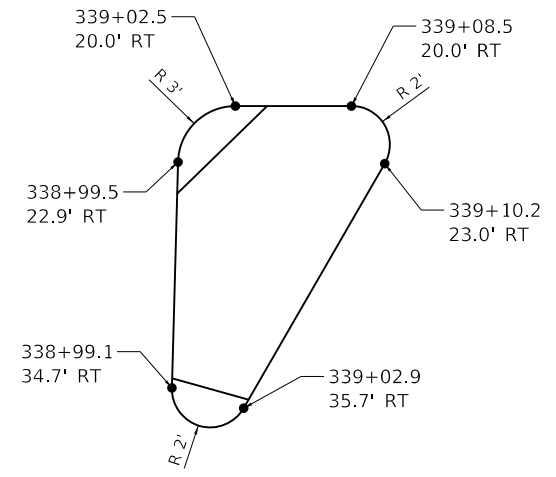
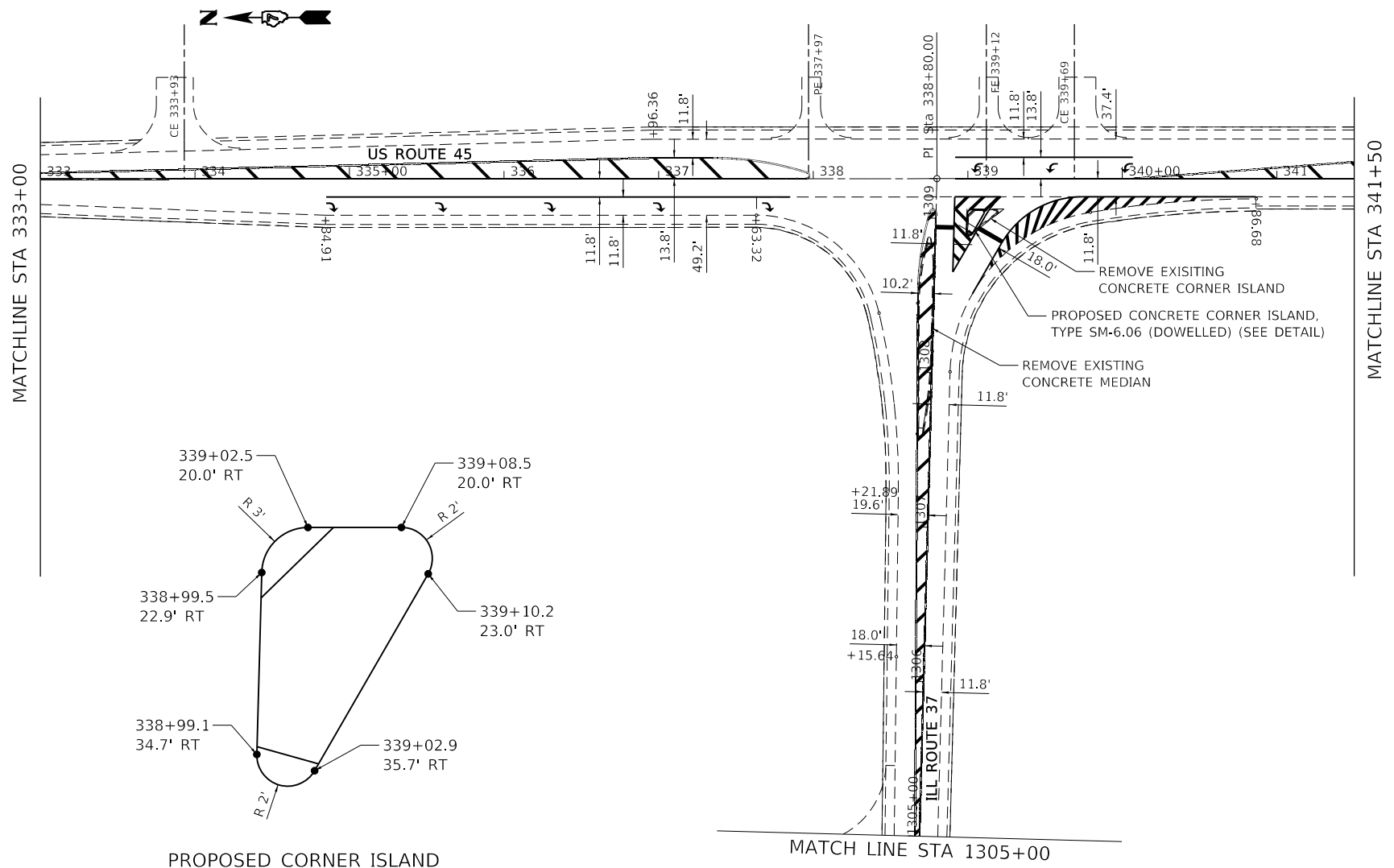
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	DATE -	REVISED -

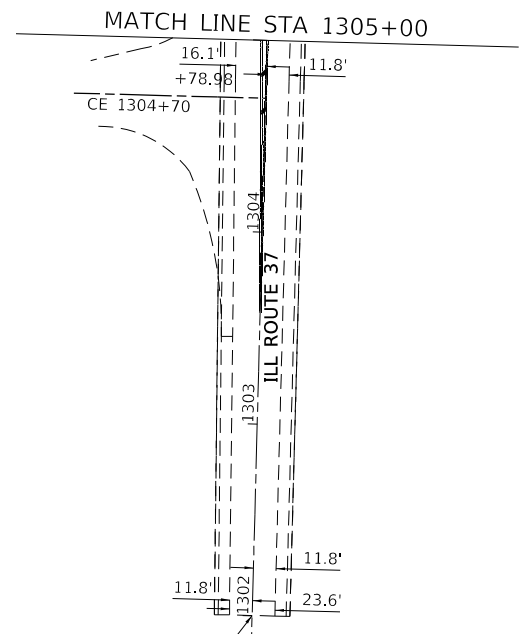
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN
 SCALE: SHEET OF SHEETS STA. 303+00 TO STA. 333+00

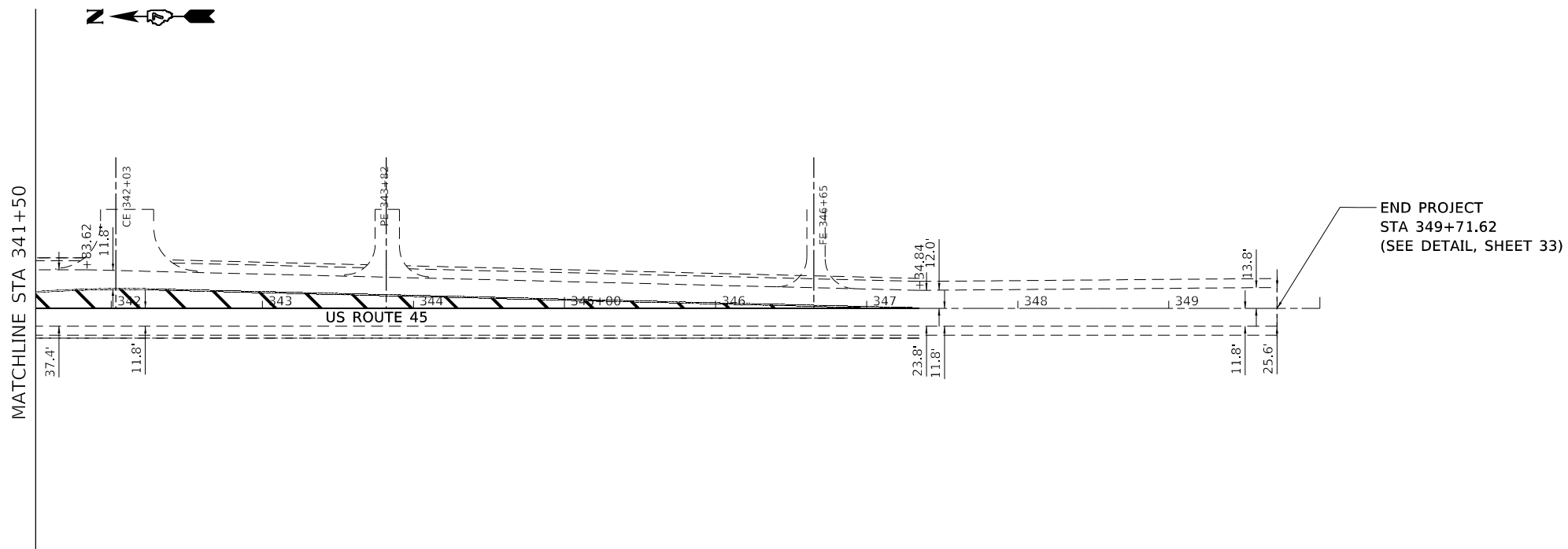
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	19
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



PROPOSED CORNER ISLAND
SCALE 1"=5'



END PROJECT ON ILL ROUTE 37
STA 1302+00.21
(SEE DETAIL, SHEET 33)



END PROJECT
STA 349+71.62
(SEE DETAIL, SHEET 33)

MODEL: Default
FILE: \\blm1c:\pub\blm\room\dat\illinois\pwr\WIDOT\Documents\IBDOT_Offices\blm1c\7\Projects\74907\CADD\blm1c\74907-she\blm1c.dgn

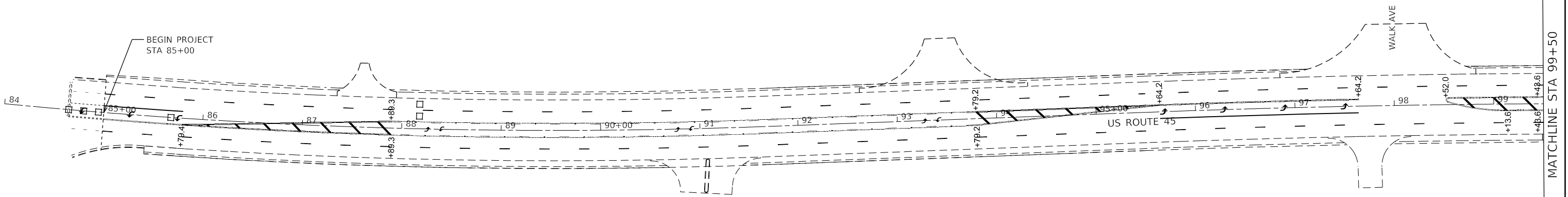
USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

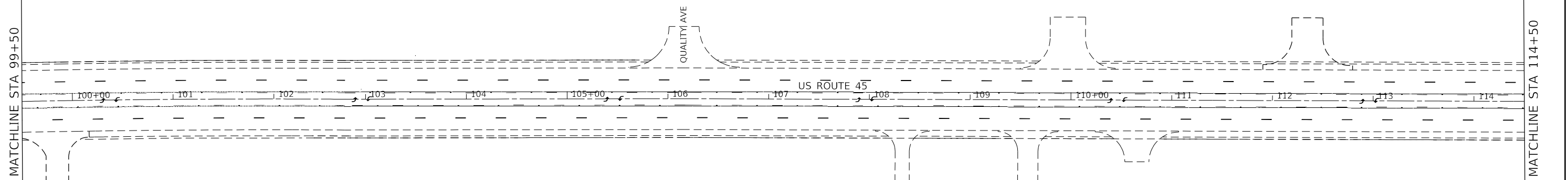
PLAN	
SCALE:	SHEET OF SHEETS
STA. 333+00	TO STA. 349+71.62

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	20
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				

REV. - MS



MATCHLINE STA 99+50



MATCHLINE STA 99+50

MATCHLINE STA 114+50

MODEL: Default
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PROJECT: 74907\DOT\Documents\DOT_Offices\Drawings\74907\4907-5bc.dwg.mxd.dgn

USER NAME = steffemk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/29/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

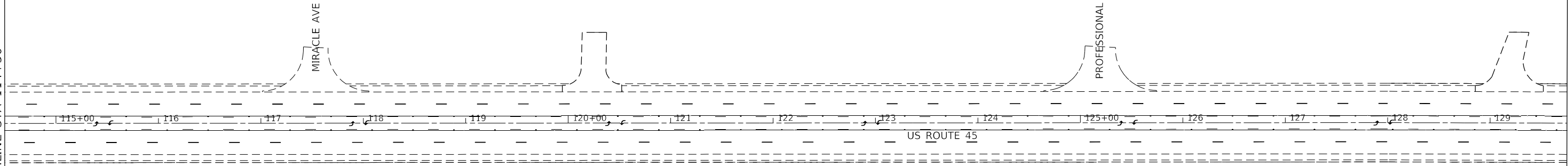
SCALE: SHEET OF SHEETS STA. 84+00 TO STA. 114+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	21
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



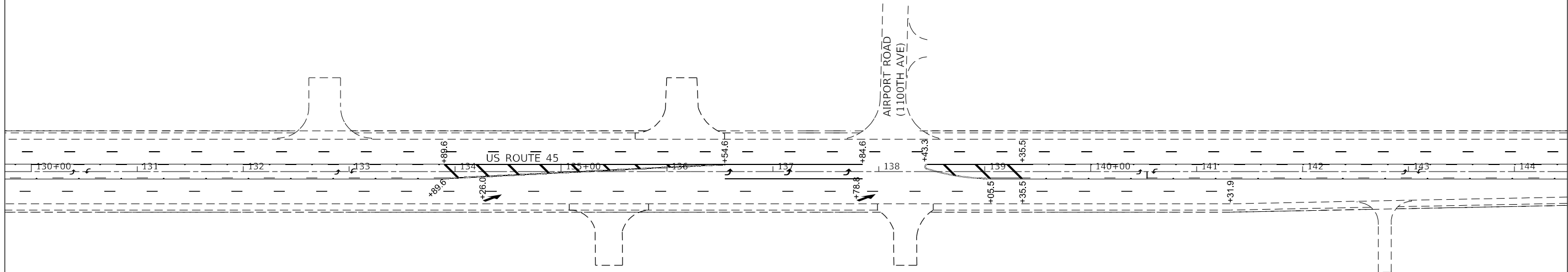
MATCHLINE STA 114+50

MATCHLINE STA 129+75



MATCHLINE STA 129+75

MATCHLINE STA 144+50



MODEL: Default
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVMENT MARKING PLAN

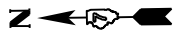
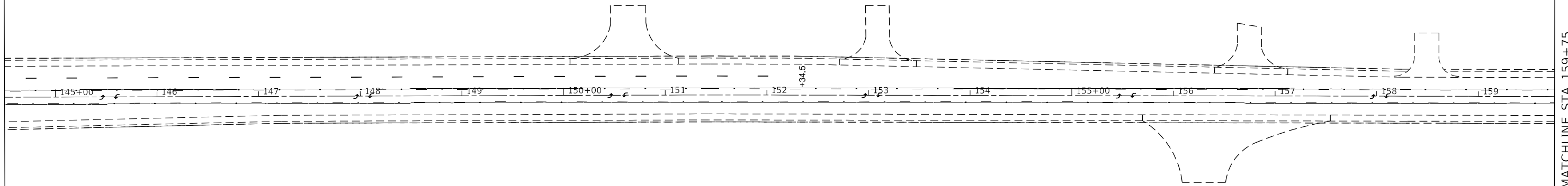
SCALE: SHEET OF SHEETS STA. 114+50 TO STA. 144+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	22
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



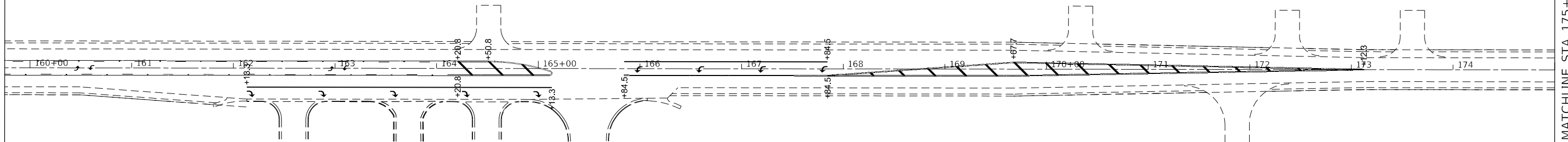
MATCHLINE STA 144+50

MATCHLINE STA 159+75



MATCHLINE STA 159+75

MATCHLINE STA 175+00



MODEL: Default
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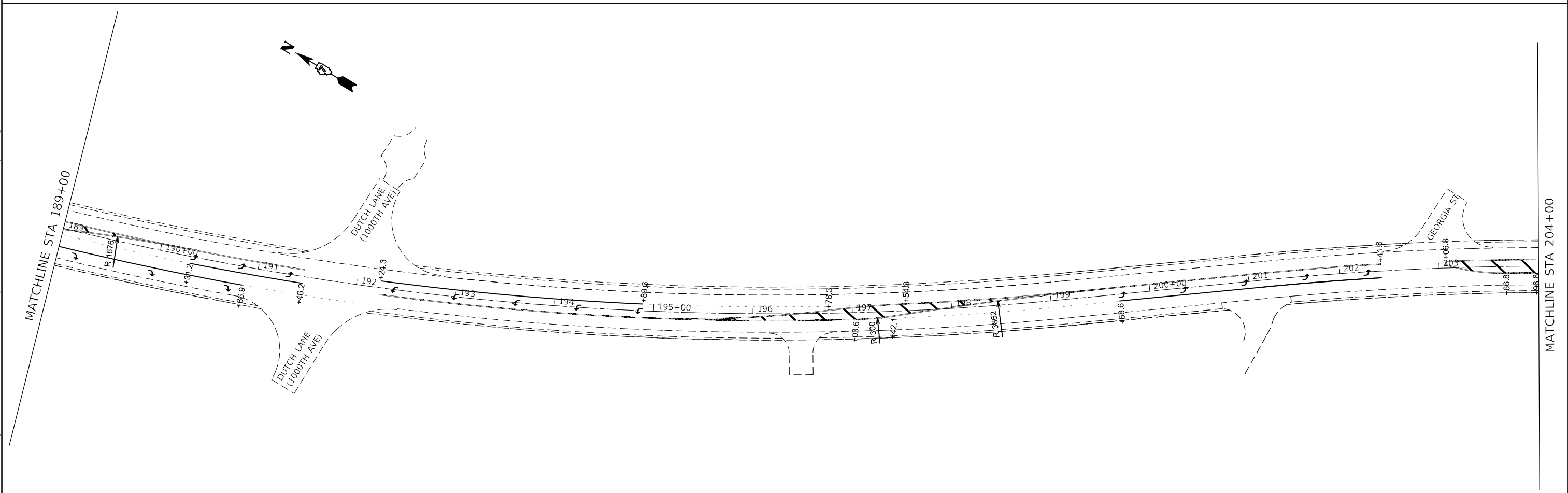
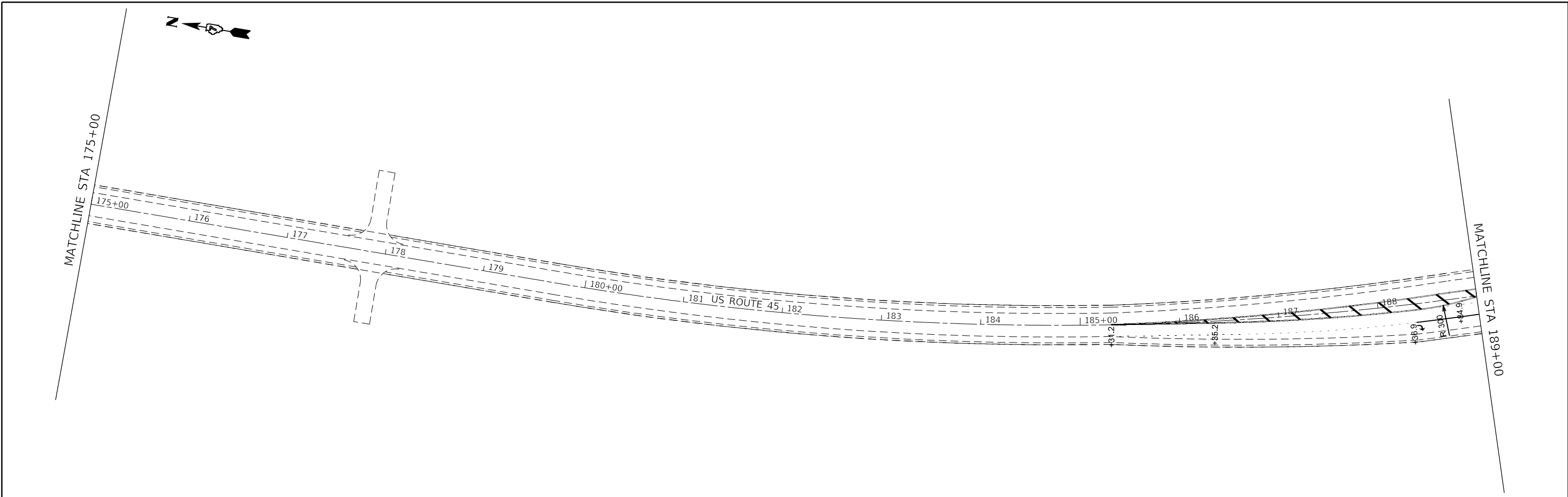
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DRAWN -	REVISED -	
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PLOT DATE = 1/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. 144+50 TO STA. 175+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	23
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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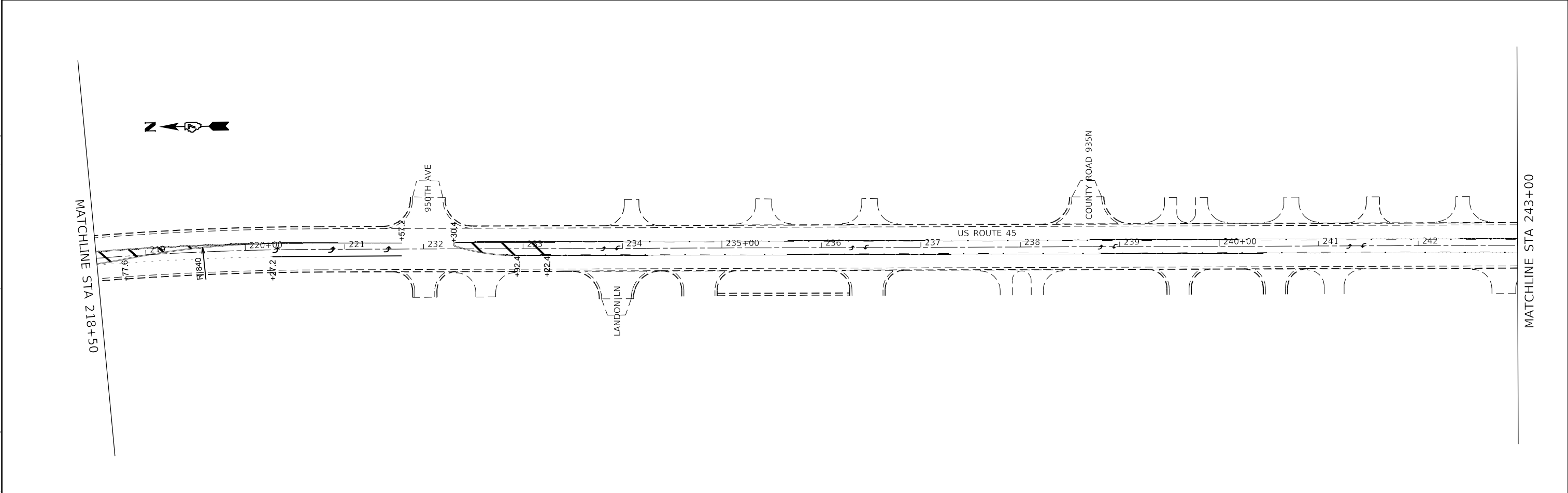
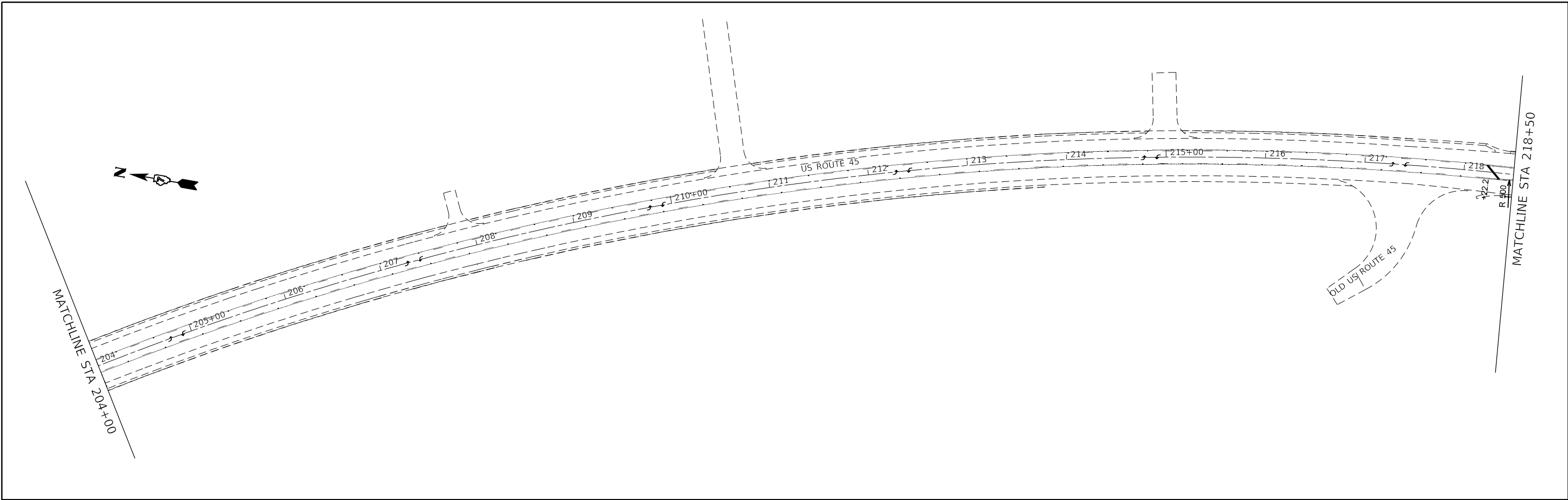
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/29/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. 175+00 TO STA. 204+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	24
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



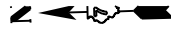
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PLOT DATE = 1/29/2020	CHECKED -	REVISED -
	DATE -	REVISED -

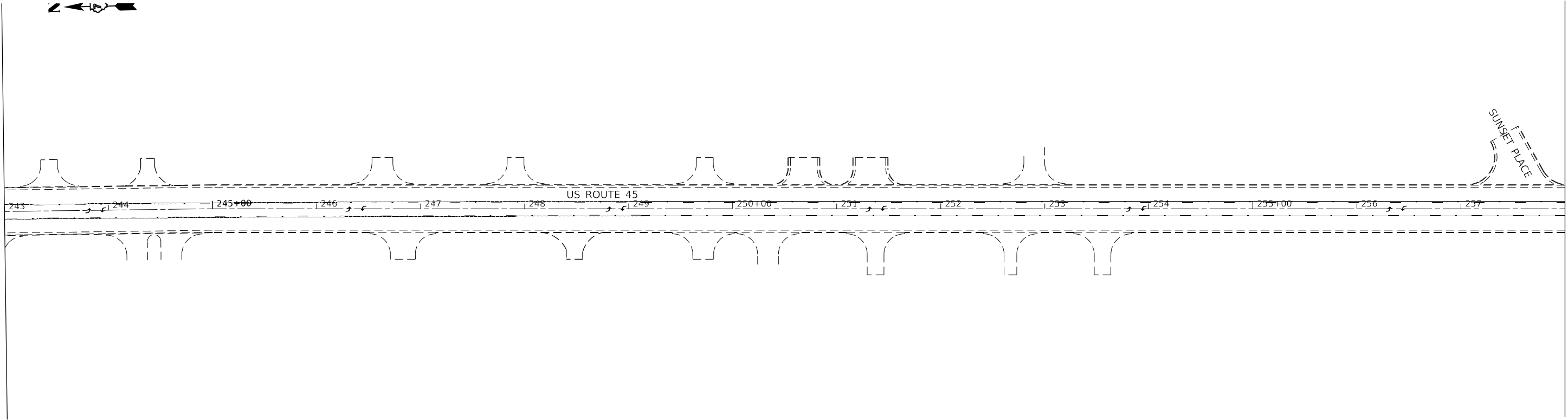
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN			
SCALE:	SHEET	OF	SHEETS
	204+00		243+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	25
CONTRACT NO. 74907				
		ILLINOIS	FED. AID PROJECT	



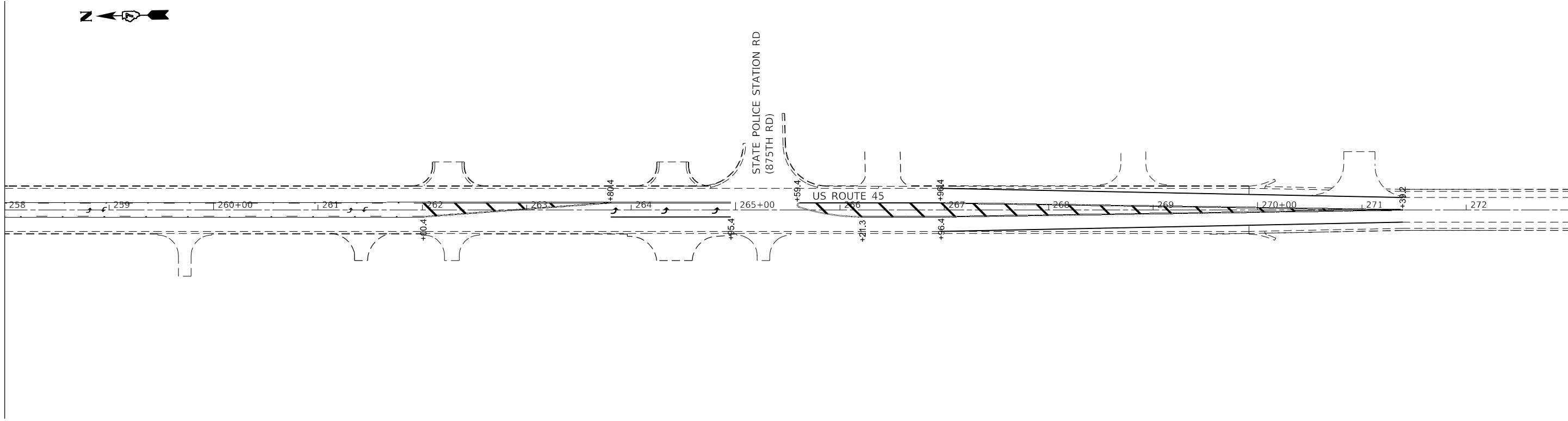
MATCHLINE STA 243+00



MATCHLINE STA 258+00



MATCHLINE STA 258+00



MATCHLINE STA 273+00

MODEL: Default
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DRAWN -	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

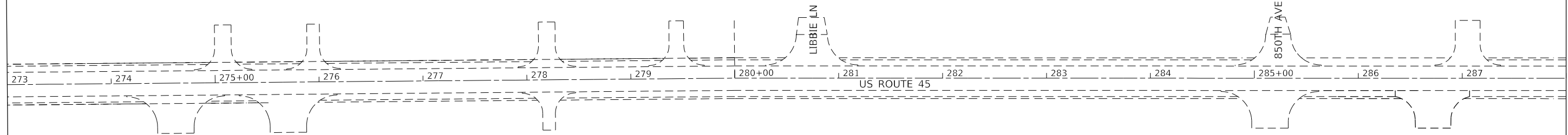
PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. 243+00 TO STA. 273+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	26
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



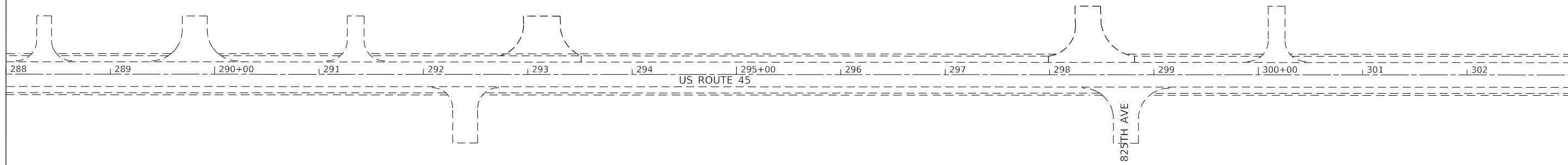
MATCHLINE STA 273+00



MATCHLINE STA 288+00



MATCHLINE STA 288+00



MATCHLINE STA 303+00

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USER NAME = steffenmk	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

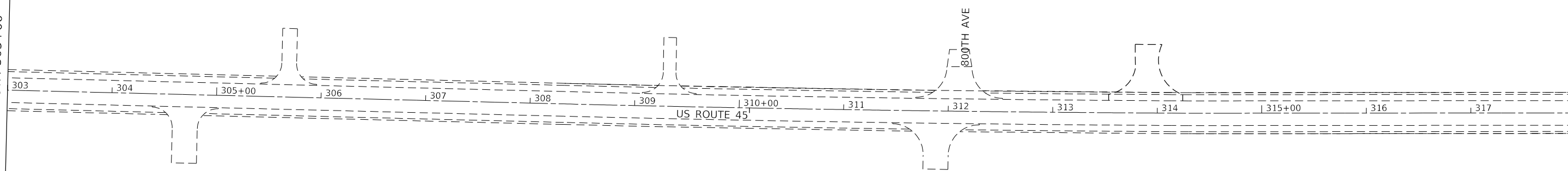
SCALE: SHEET OF SHEETS STA. 273+00 TO STA. 303+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	27
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



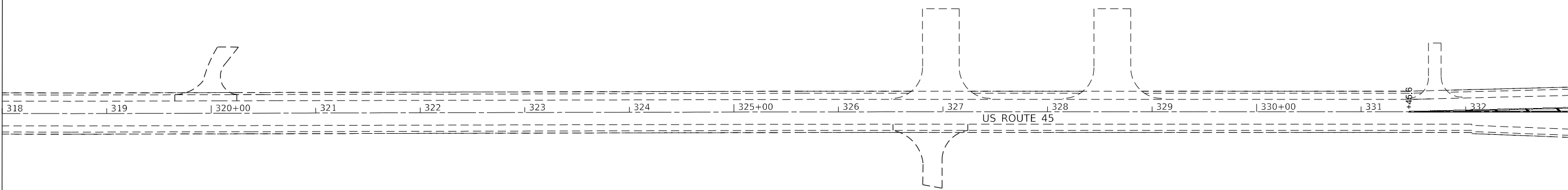
MATCHLINE STA 303+00

MATCHLINE STA 318+00



MATCHLINE STA 318+00

MATCHLINE STA 333+00



MODEL: Default
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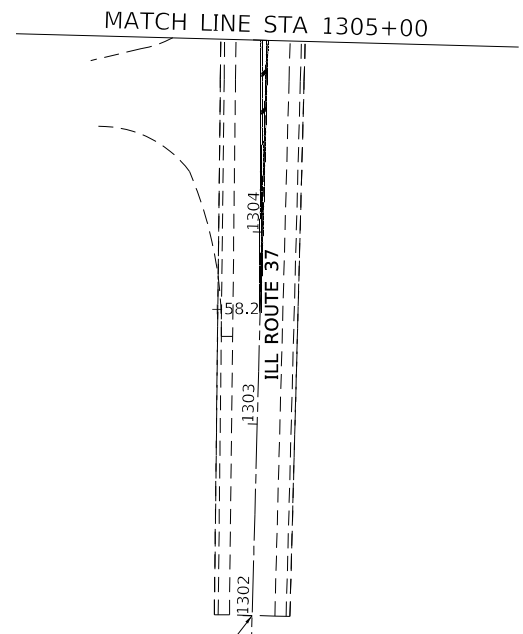
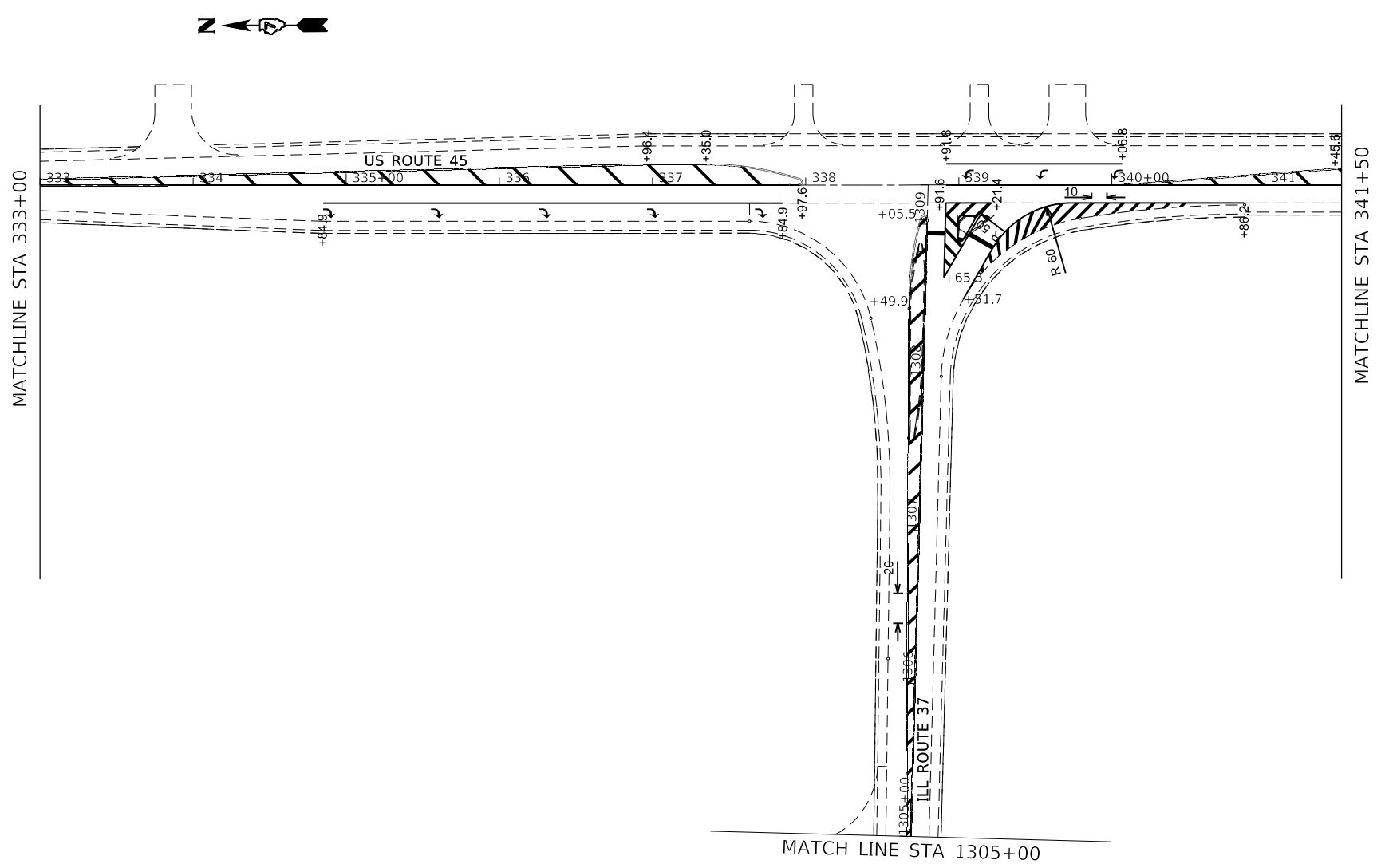
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PLOT DATE = 1/29/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

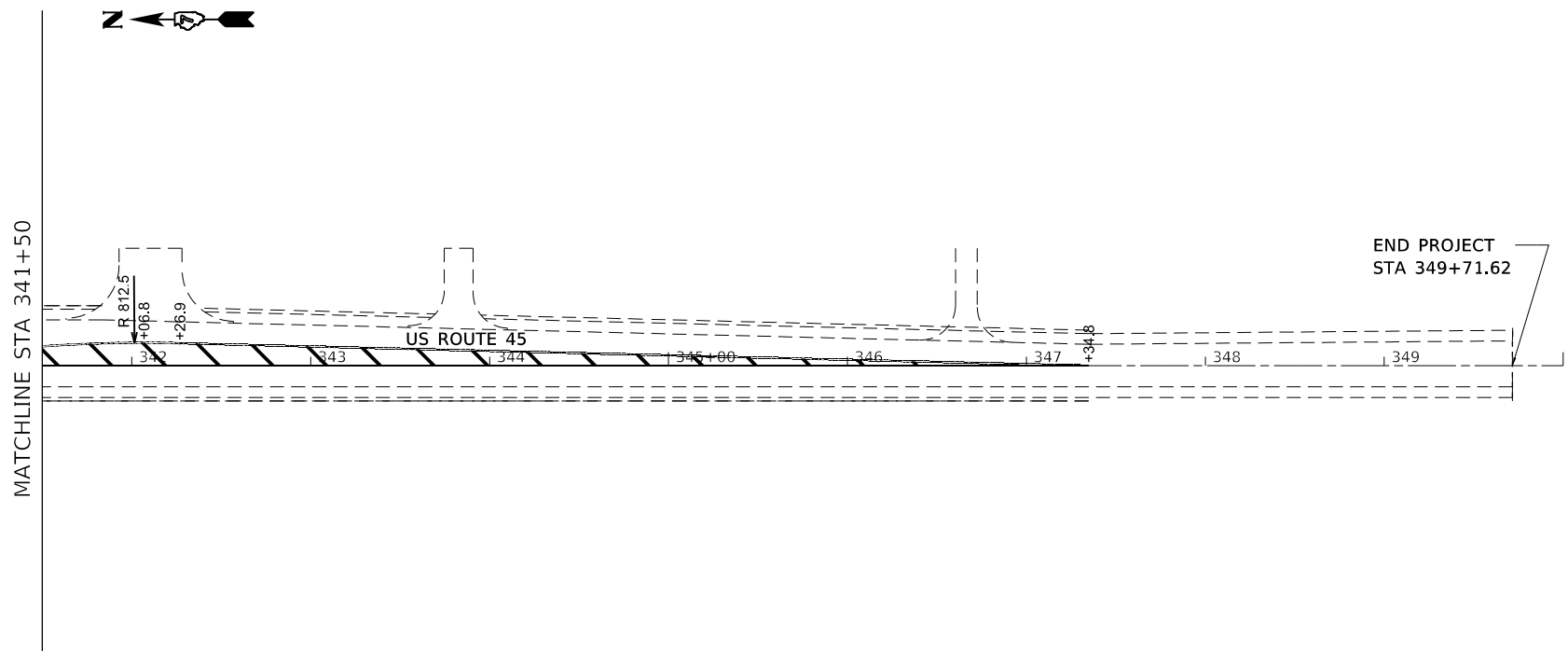
PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. 303+00 TO STA. 333+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	28
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



END PROJECT ON ILL ROUTE 37
 STA 1302+00.21
 (SEE DETAIL, SHEET 33)



END PROJECT
 STA 349+71.62

REV. - MS

MODEL: Default
 FILE: \\mfrs01\pub\lanroom\dat\illroads\pwr\illroads\pwr\DOT\Documents\DOT_Offices\Illrdct_7\Projects\74907\CADDData\CADDsheets\174907-shtcovr.mxd.dgn

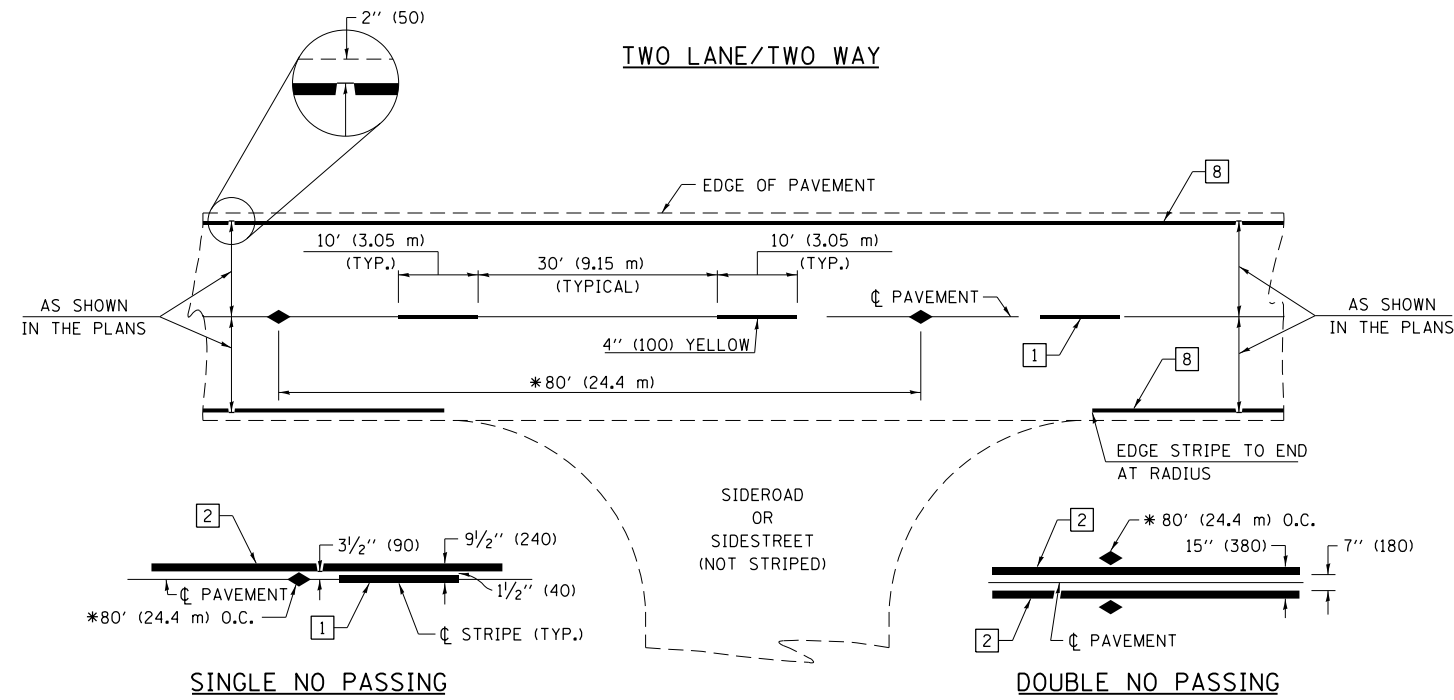
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/17/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. 333+00 TO STA. 349+71.62

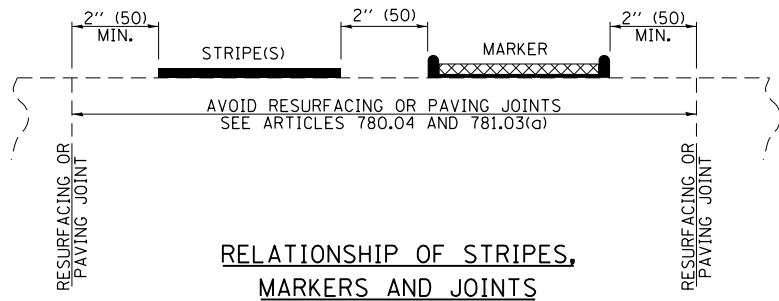
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	29
CONTRACT NO. 74907				
ILLINOIS FED. AID PROJECT				



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

PAVEMENT MARKING LEGEND

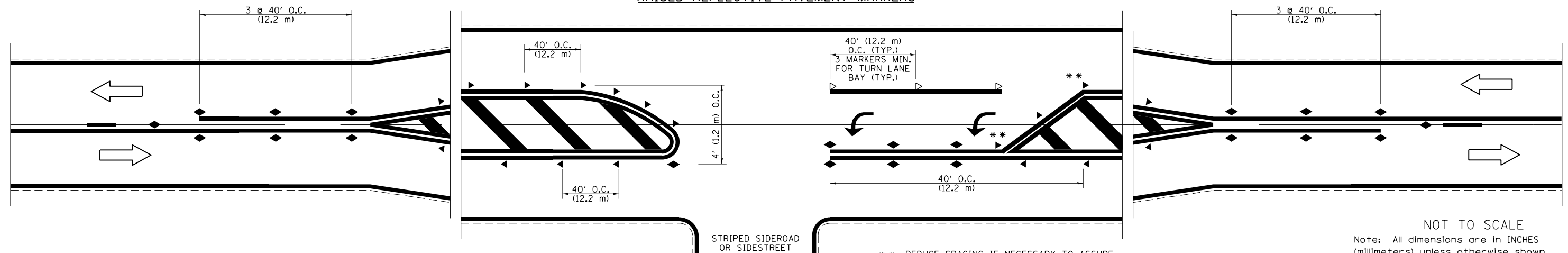
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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



TYPICAL PAVEMENT MARKERS LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS



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

DISTRICT 7 DETAIL NO. 78000001

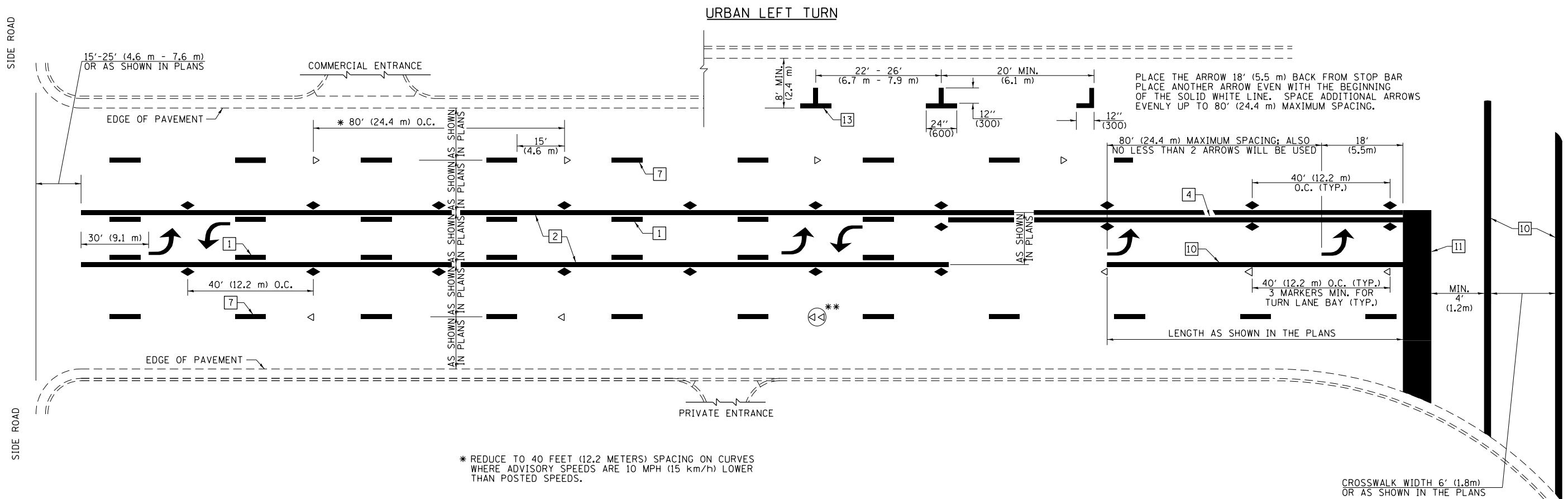
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

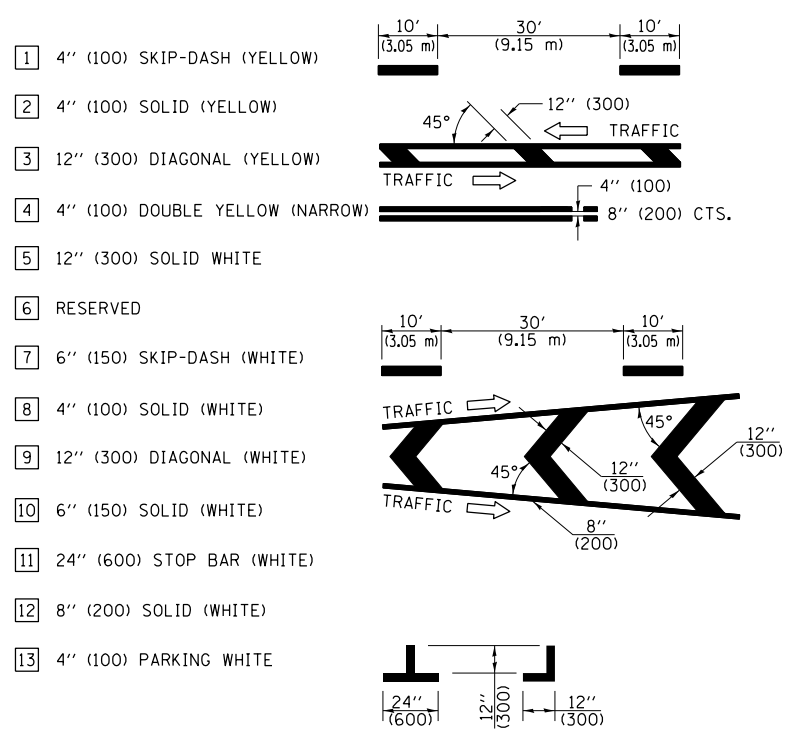
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	30
CONTRACT NO. 74907			ILLINOIS FED. AID PROJECT	



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

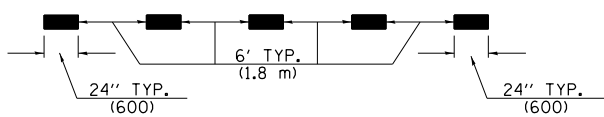
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

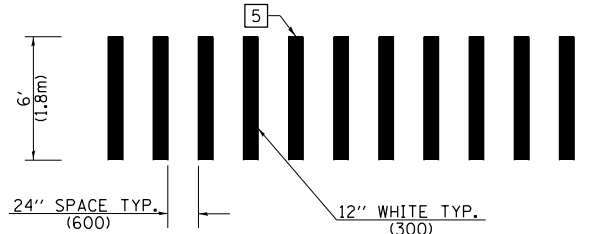


GENERAL NOTES

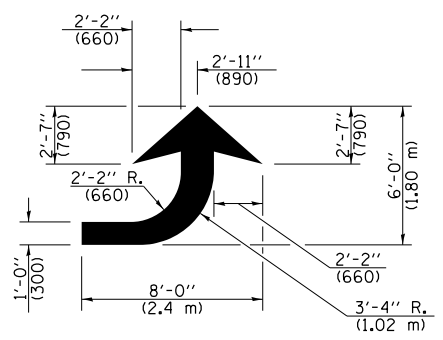
- TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
- THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT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



LANE LINE EXTENSIONS

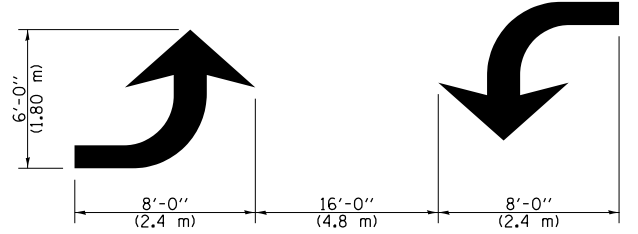


CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)



LEFT ARROW

REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



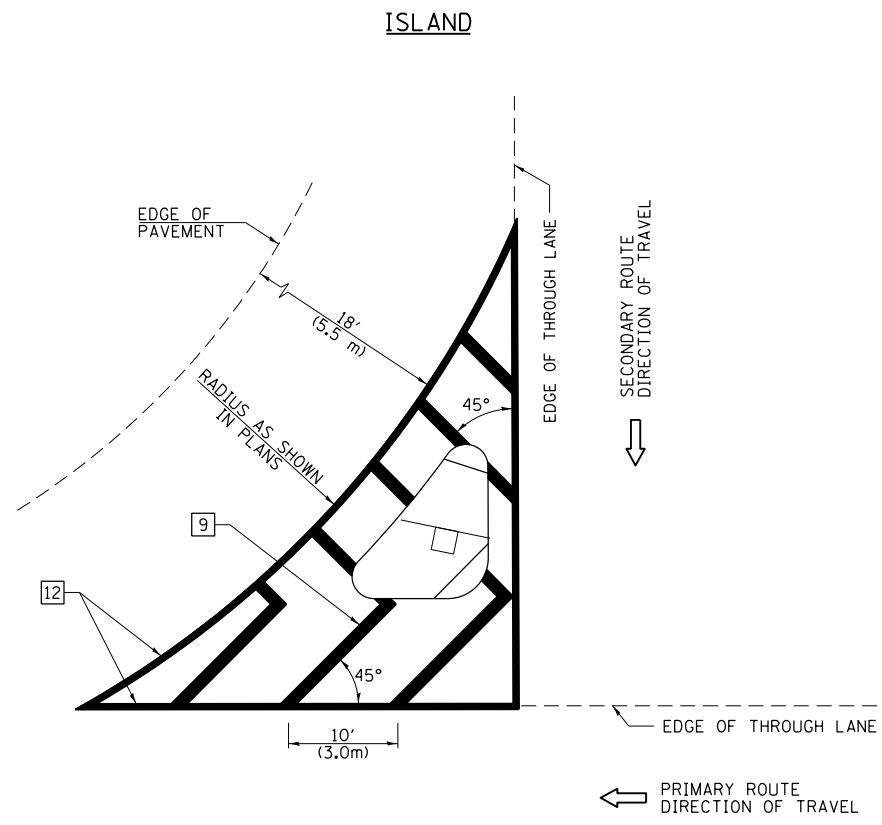
TYPICAL DOUBLE TURN ARROWS (WHITE)

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74907\DRAWN\CADsheets\0774907-sht-details.dgn		CHECKED -	REVISED -			328A	(1&12)RS	EFFINGHAM	35	31
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 74907				
PLOT DATE = 1/29/2020						ILLINOIS FED. AID PROJECT				
SCALE:						SHEET NO. 2 OF 4 SHEETS		STA.		TO STA.

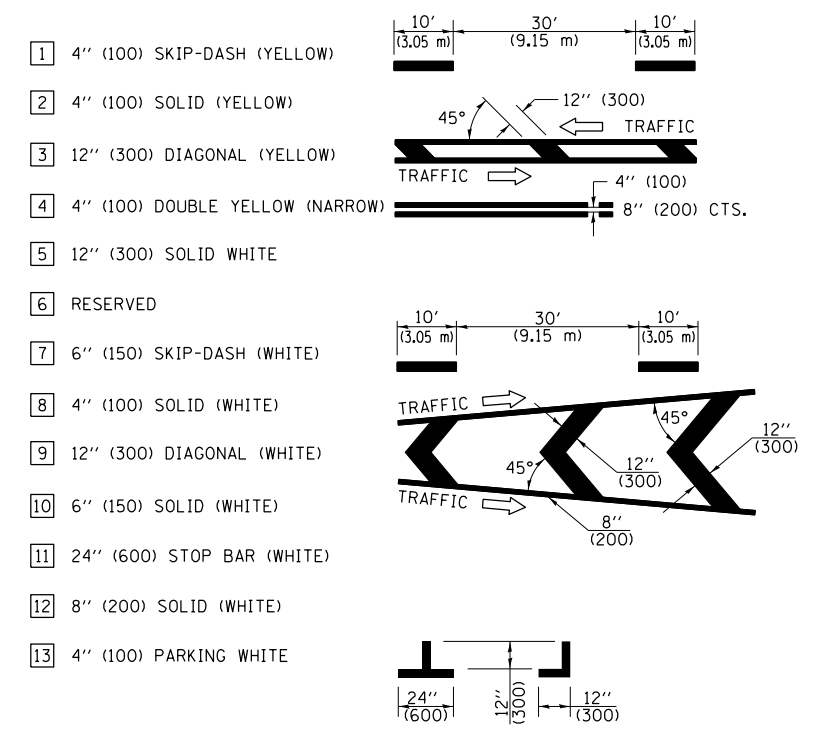


GENERAL NOTES

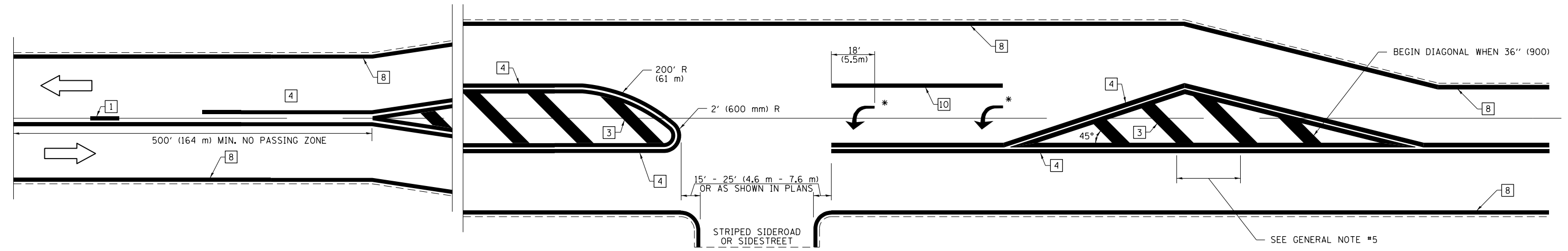
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

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

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



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

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

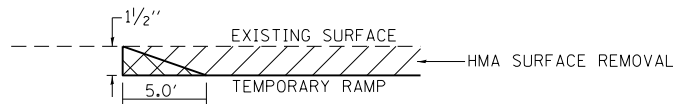
DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
 (RURAL & URBAN APPLICATIONS)**
 SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

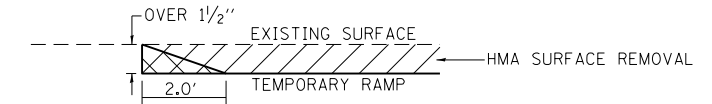
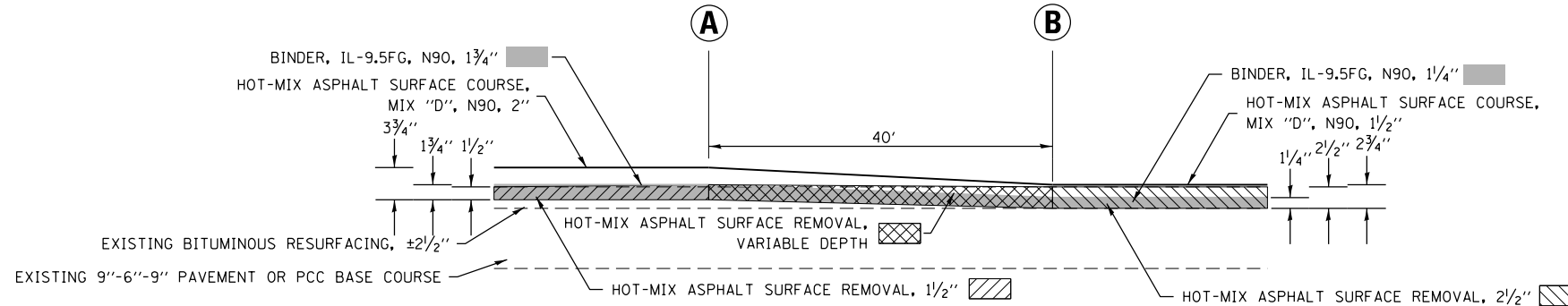
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	32
CONTRACT NO. 74907			ILLINOIS FED. AID PROJECT	



TEMPORARY RAMP
 NORTH JOB LIMITS
 WALK AVE
 AIRPORT ROAD
 E DUTCH LANE
 W DUTCH LANE
 GEORGIA AVE
 OLD ROUTE 45
 850TH AVE
 800TH AVE
 IL 37
 SOUTH JOB LIMITS

PROPOSED HMA SURFACE REMOVAL TRANSITION US ROUTE 45 MAINLINE

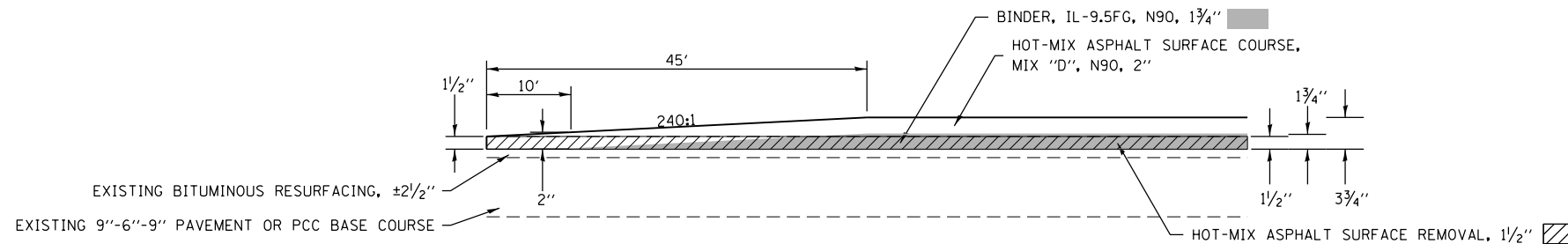
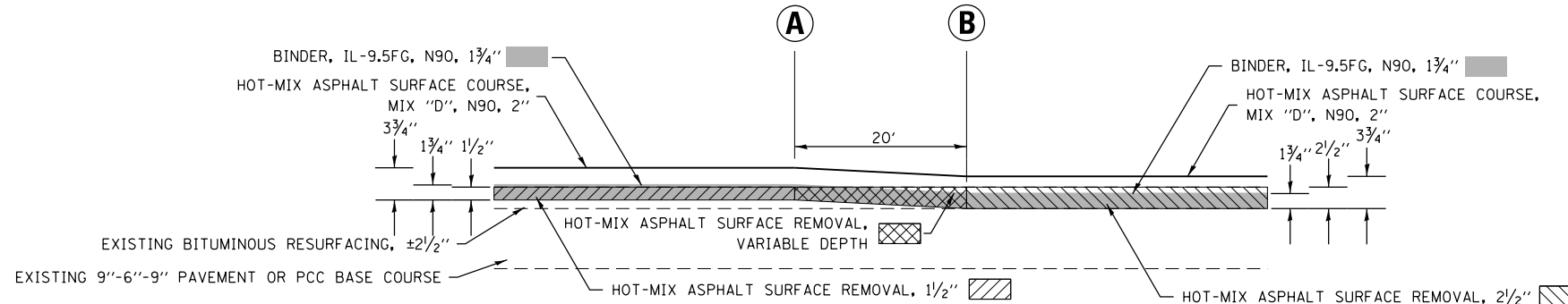
(A) STATION 217+85.16 TO STATION 218+25.16
 270+47.03 270+07.03



TEMPORARY RAMP - SPECIAL
 LOCATIONS DETERMINED BY THE ENGINEER

PROPOSED HMA SURFACE REMOVAL TRANSITION US ROUTE 45 MAINLINE

(A) STATION 161+73.77 TO STATION 161+93.77
 166+47.11 166+27.11



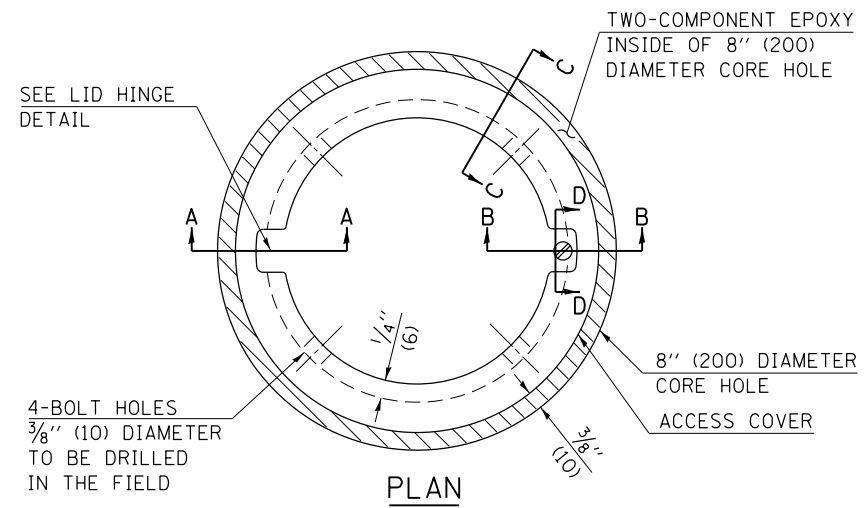
BUTT JOINT DETAIL

STA 85+00 TO STA 85+45
 STA 349+26.6 TO STA 349+71.6
 ILLINOIS ROUTE 37 STA 1302+00.21 TO STA 1302+45.21

NOT TO SCALE

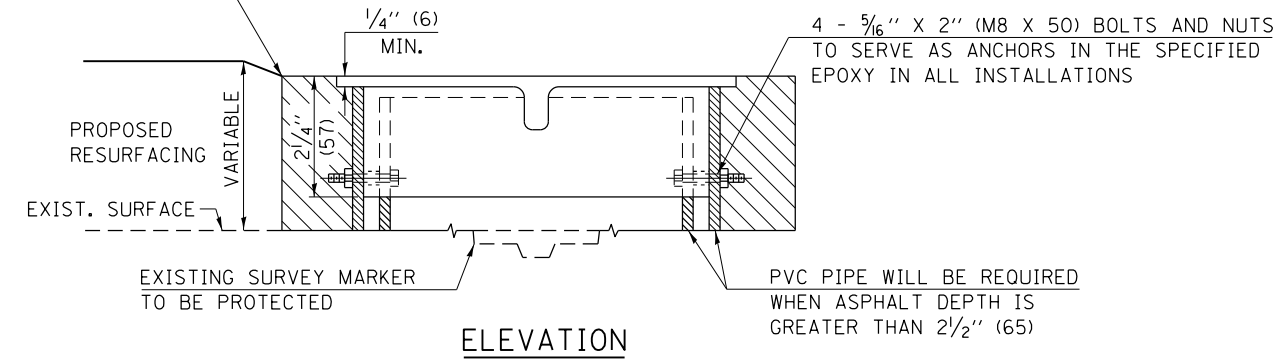
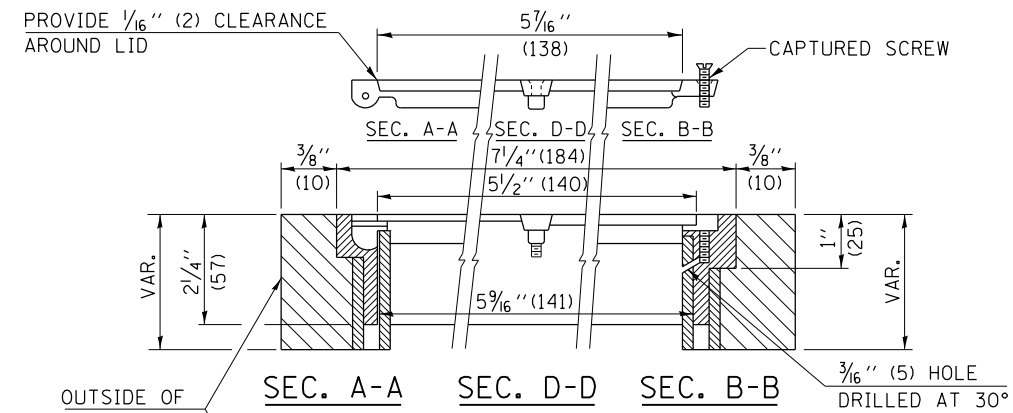
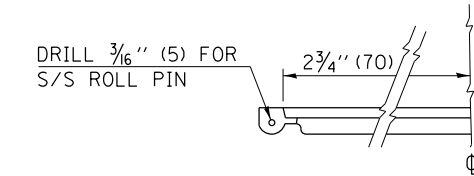
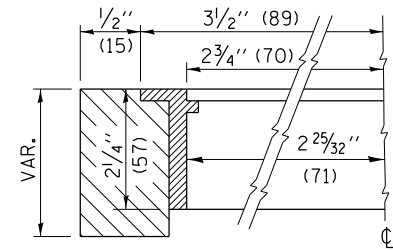
Note: All dimensions are in INCHES
 (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74907\CAD\CADsheets\0774907-sht-details.dgn		REVISIONS	REVISIONS			328A	(1&12)RS	EFFINGHAM	35	33	
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 74907					
	PLOT DATE = 3/17/2020	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

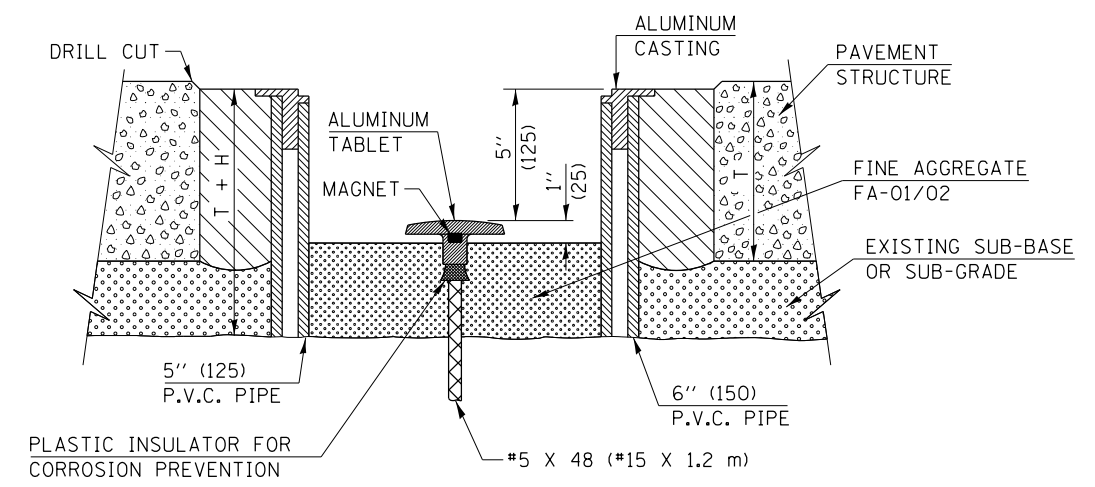


- LEGEND**
- ALUMINUM CASTING
 - 5" (125) OR 6" (150) P.V.C. PIPE
 - TWO-COMPONENT EPOXY
- T = THICKNESS OF PAVEMENT STRUCTURE
- H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)

BILL OF MATERIAL	
ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS,	
4 EACH - 5/16" X 2" (M8 X 50) BOLTS WITH NUTS, EPOXY,	
5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40 (WHEN REQUIRED).	



EXISTING SURVEY MARKER



PROPOSED SURVEY MARKER

NOT TO SCALE

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

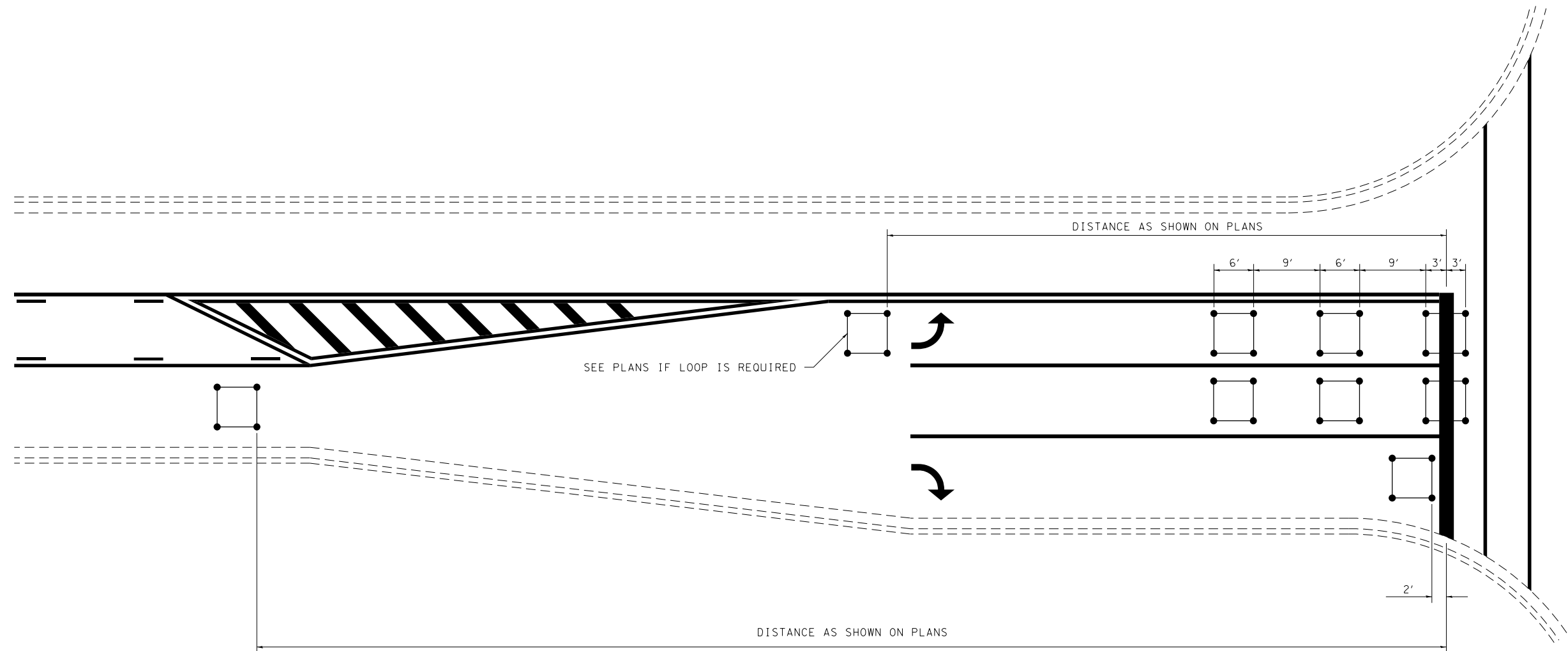
FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED - MAD 6-11
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74907\DRAWN\CADsheets\0774907-shr-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKER VAULT				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

DISTRICT 7 DETAIL NO. 20070202				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(1&12)RS	EFFINGHAM	35	34
CONTRACT NO. 74907				
FED. ROAD DIST. NO. 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

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED - MKS 4-08
p:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74907\DRAWN\CADsheets\0774907-sht-details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL APPLICATIONS OF DETECTOR LOOPS

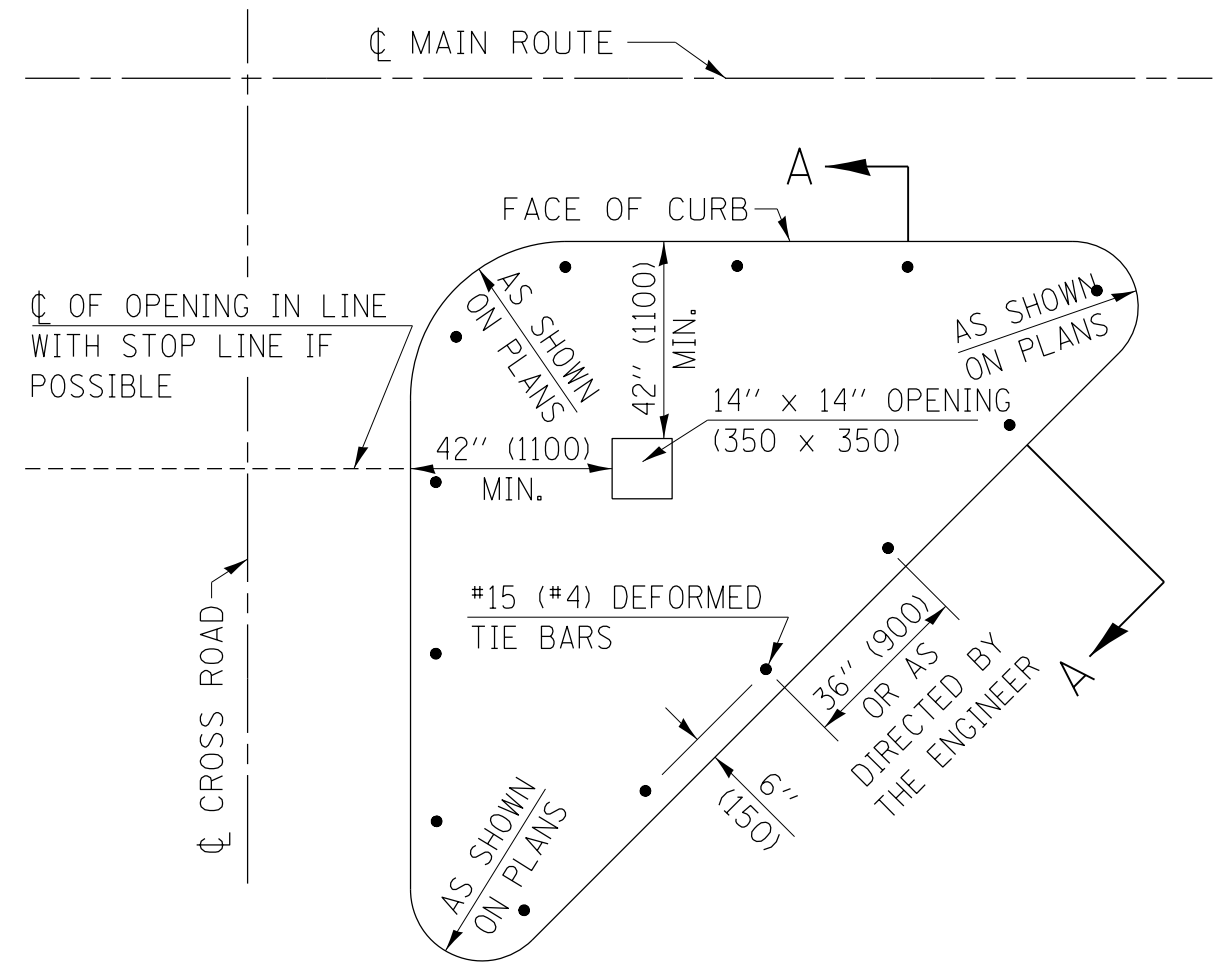
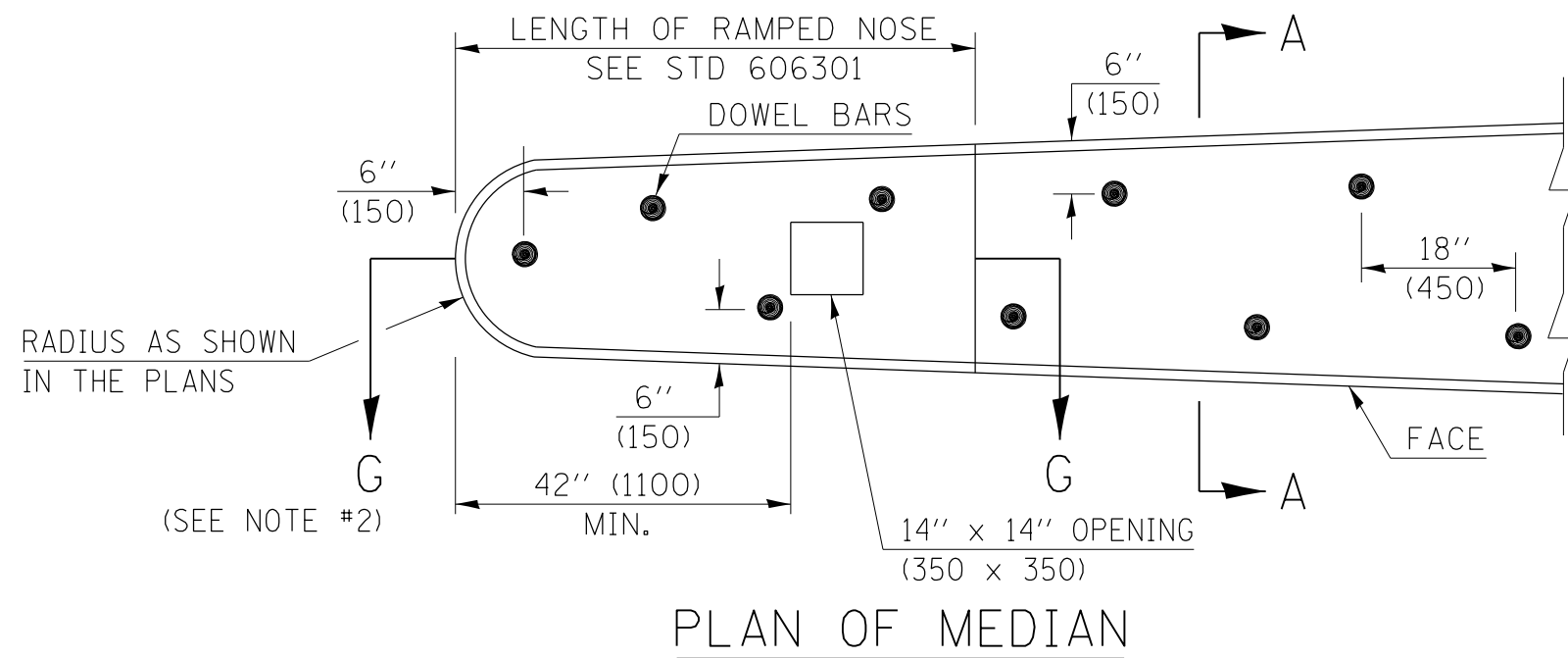
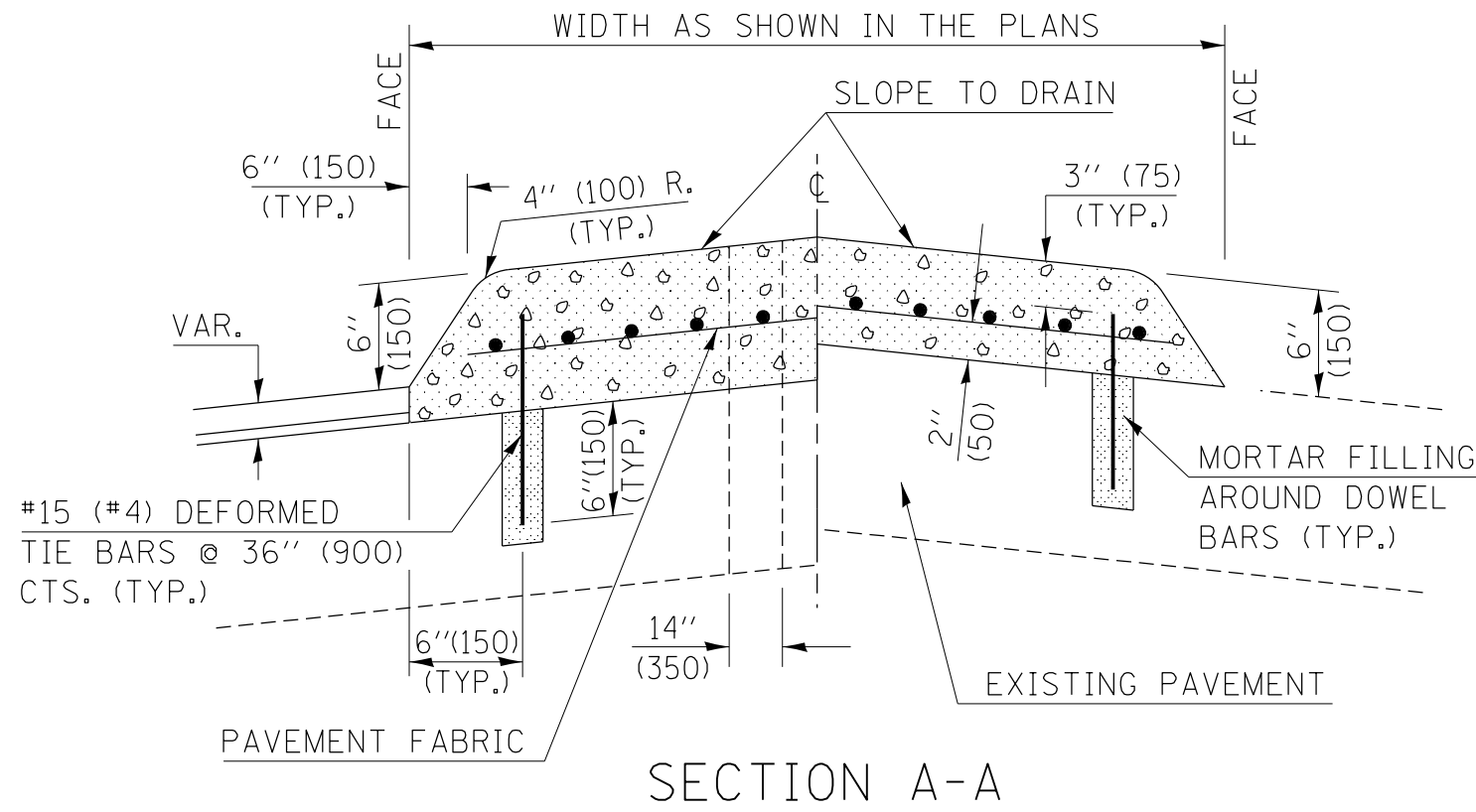
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
328A	(I&I)RS	EFFINGHAM	35	35
			74907	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DETAIL OF CONCRETE MEDIAN, TYPE SM (DOWELLED)

GENERAL NOTES

1. THE GENERAL NOTES FOR STANDARD 606301 SHALL APPLY.
2. SECTION G-G SHALL BE THE SAME AS SHOWN ON STANDARD 606301.
3. DOWEL BARS @ 36" (900) CTS. OR AS DIRECTED BY THE ENGINEER.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ FOOT (m²) FOR CONCRETE MEDIAN, TYPE SM (DOWELED), INCLUDING THE COST OF FURNISHING AND INSTALLING THE DOWEL BARS, MORTAR FILLING, PAVEMENT FABRIC AND THE REMOVAL AND DISPOSAL OF THE EXISTING PAVEMENT FOR THE 14" x 14" (350 x 350) OPENING, IF REQUIRED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



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

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE MEDIAN, TYPE SM (DOWELLED)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74907\DRAWN\CADsheets\0774907-sht-details.dgn		REVISIONS	REVISIONS			328A	(1&12)RS	EFFINGHAM	35	35B	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIONS			CONTRACT NO. 74907					
	PLOT DATE = 3/17/2020	DATE -	REVISIONS			ILLINOIS FED. AID PROJECT					