

03-10-2023 LETTING ITEM 116

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	1
		ILLINOIS	CONTRACT NO. 74976	

D-97-053-20

FOR INDEX OF SHEETS, SEE SHEET NO. 2

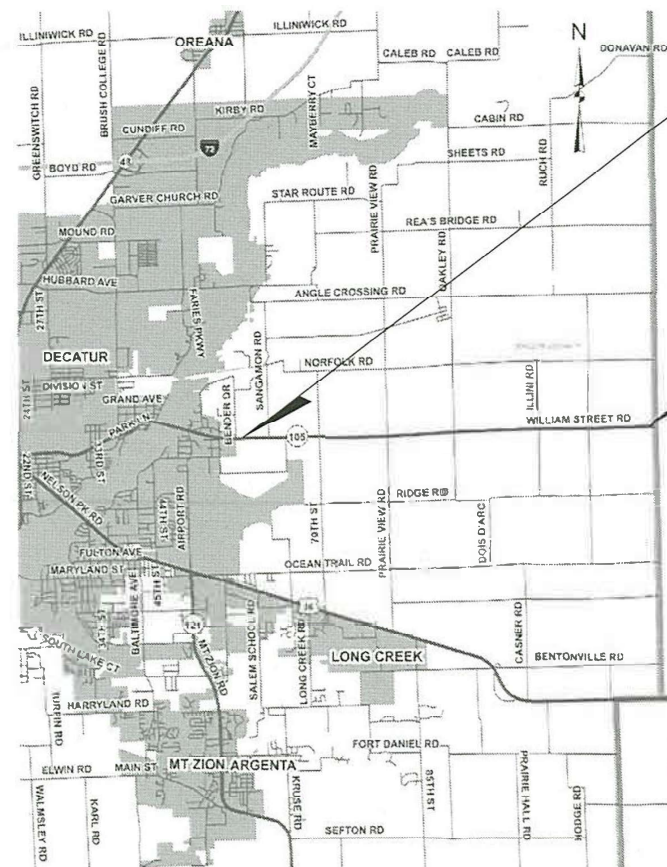
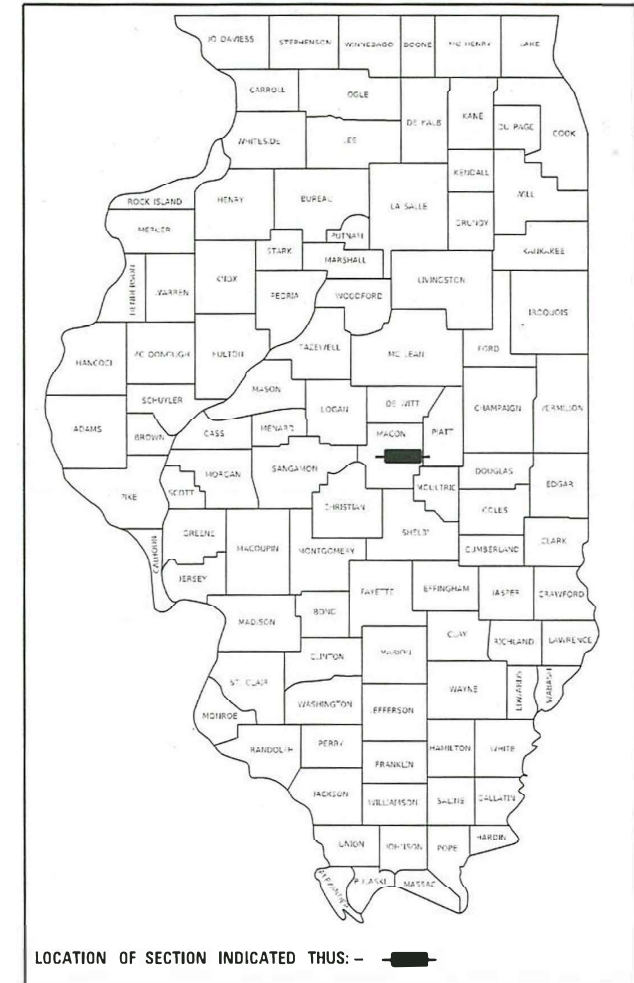
STATION 339+01.36 BK = 339+00 AH

ADT = 4450 (2021)

PROPOSED HIGHWAY PLANS

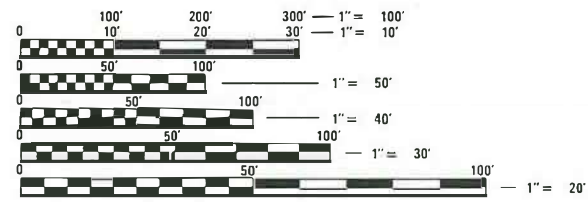
FAP ROUTE 741 (ILL 105)
SECTION (11,12)RS-1
PROJECT STP-34N1(365)
STANDARD OVERLAY RESURFACING
MACON COUNTY

C-97-058-20



PROJECT BEGINS
STATION 163 + 53

PROJECT ENDS
STATION 483 + 92



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 (217)-342-8360
PROJECT MANAGER: MYRA OLTMAN

CONTRACT NO. 74976

GROSS LENGTH = 32,042 FT. = 6.06 MILE
NET LENGTH = 32,042 FT. = 6.06 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 20, 2020
Jeffrey P. Myer
REGIONAL ENGINEER

February 3, 2023
Steph M. J. [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 3, 2023
Steph M. J. [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THE WORK INCLUDED IN SECTION (11,12) RS-1 CONSISTS OF HMA SURFACE REMOVAL, TACK COAT, HMA BINDER COURSE HMA SURFACE COURSE, AGGREGATE SHOULDER WEDGE, RAISED REFLECTIVE PAVEMENT MARKER, PAVEMENT MARKING, AND OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THERMOPLASTIC PAVEMENT MARKING 4" CONSISTS OF 64,078 FEET OF WHITE AND 10,862 OF YELLOW.

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

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

BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS/SQ FT	MILLED SURFACE
	0.025 LBS/SQ FT	BETWEEN LIFTS
HOT-MIX ASPHALT	112 LBS/SQ YD/IN	

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, AND HIGHWAY STANDARDS
3-4	SUMMARY OF QUANTITIES
5-8	TYPICAL SECTIONS
9	RURAL ENTRANCE & MAILBOX TURMOUT DETAILS WITH SHOULDERS
10-13	SCHEDULE OF QUANTITIES
14-24	PLAN SHEETS
25-28	DISTRICT 7 PAVEMENT MARKING DETAILS
29	SURVEY MARKER VAULT

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

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
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
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
667101-02	PERMANENT SURVEY MARKERS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
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

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

LOCATION(S)	MIXTURE USE(S)	PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	MIXTURE WEIGHT	QUALITY MANAGEMENT PROGRAM	SUBLOT SIZE	MATERIAL TRANSFER DEVICE (REQUIRED?)
MAINLINE	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, N70, MIX "C" (1 1/2")	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	PFP	1000	N/A
MAINLINE	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70 (1 1/4")	PG 64-22	4.0% @ N=70	IL - 9.5FG	N/A	N70	QCP	1000	N/A
MAINLINE	CLASS "D" PATCHING	PG 64-22	4.0% @ N=70	IL - 19.0	N/A	N70	QCQA	3000	N/A
INCIDENTAL	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, N70, MIX "C" (2")	PG 64-22	4.0% @ N=70	IL - 9.5	MIXTURE C	N70	QCQA	3000	N/A

REV. - MS

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USER NAME = Mona.Steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS AND HIGHWAY STANDARDS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -				741	(11,12)RS-1	MACON	29	2
PLOT DATE = 12/16/2022	CHECKED -	REVISED -				CONTRACT NO. 74976				
	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			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		URBAN 0006	RURAL 0006		CODE NO	ITEM	UNIT		URBAN 0006	RURAL 0006	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	115	10	105								
							66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	37	5	32	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	75210	12943	62267								
							67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	0.6	3.4	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	32040	5332	26708								
							67000600	ENGINEER'S FIELD LABORATORY	CAL MO	4	0.6	3.4	
40600990	TEMPORARY RAMP	SO YD	34	17	17								
							67100100	MOBILIZATION	L SUM	1	0.15	0.85	
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	7789	1342	6447								
							70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	0.15	0.85	
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	9359	1611	7748			701201					
							70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	0.15	0.85	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	190	19	171			701306					
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	111412	19170	92242			70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	4.5	23.5
44201835	CLASS D PATCHES, TYPE I, 16 INCH	SO YD	16		16			70300100	SHORT TERM PAVEMENT MARKING	FOOT	9612	1600	8012
44201839	CLASS D PATCHES, TYPE II, 16 INCH	SO YD	780	279	501			70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	961	160	801
44201843	CLASS D PATCHES, TYPE III, 16 INCH	SO YD	52	36	16			70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	74940	11997	62943
44201845	CLASS D PATCHES, TYPE IV, 16 INCH	SO YD	141		141			78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	74940	11997	62943
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3038	506	2532			78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	74940	11997	62943
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	64081	10664	53417			78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	400	67	333

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PLOT DATE = 1/13/2023	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.
741	(11,12)RS-1	MACON	29	3
CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		URBAN 0006	RURAL 0006
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	400	67	333
X0326440	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	SQ YD	4086	391	3695
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	37	5	32

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		RURAL 0006	URBAN 0006

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PLOT DATE = 1/13/2023	DATE -	REVISED -

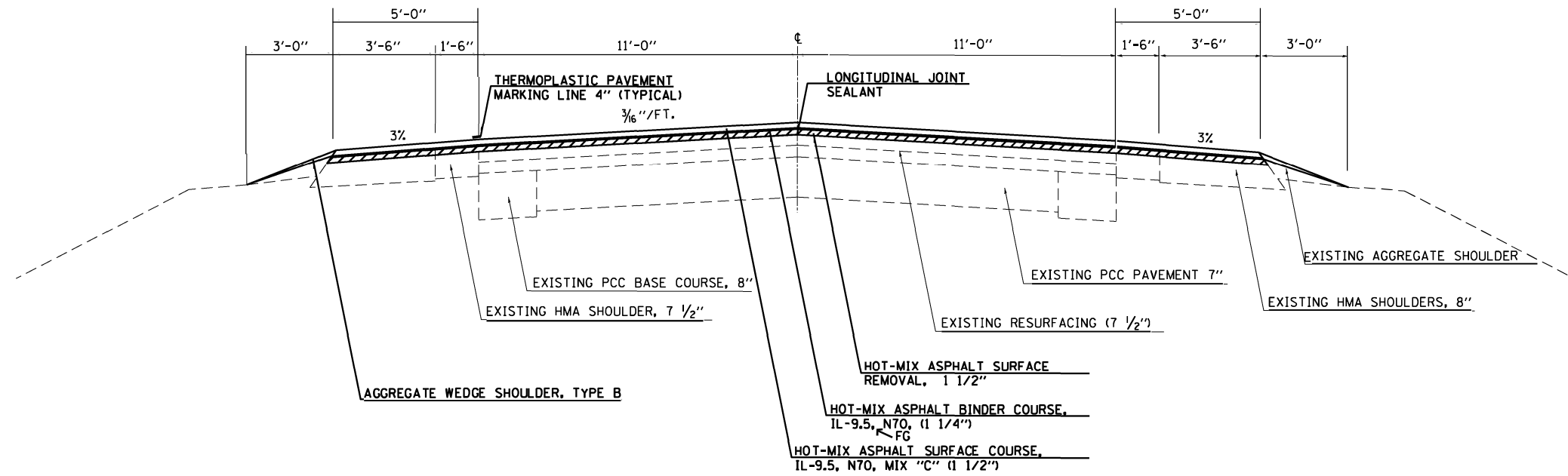
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)R5-1	MACON	29	4
CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT				

TYPICAL CROSS SECTION

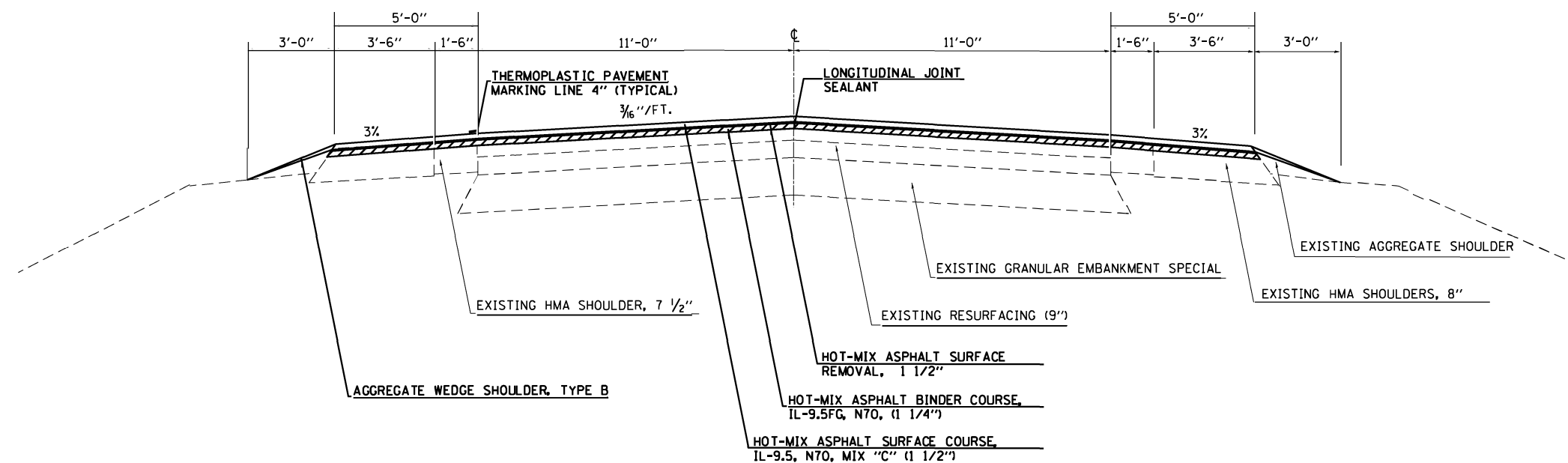
STATION 163+53 TO STATION 171+15
 STATION 179+76 TO STATION 182+19
 STATION 201+00 TO STATION 210+50



NOTE: NOT DRAWN TO SCALE

TYPICAL CROSS SECTION

STATION 171+15 TO STATION 179+76
 STATION 182+19 TO STATION 188+92



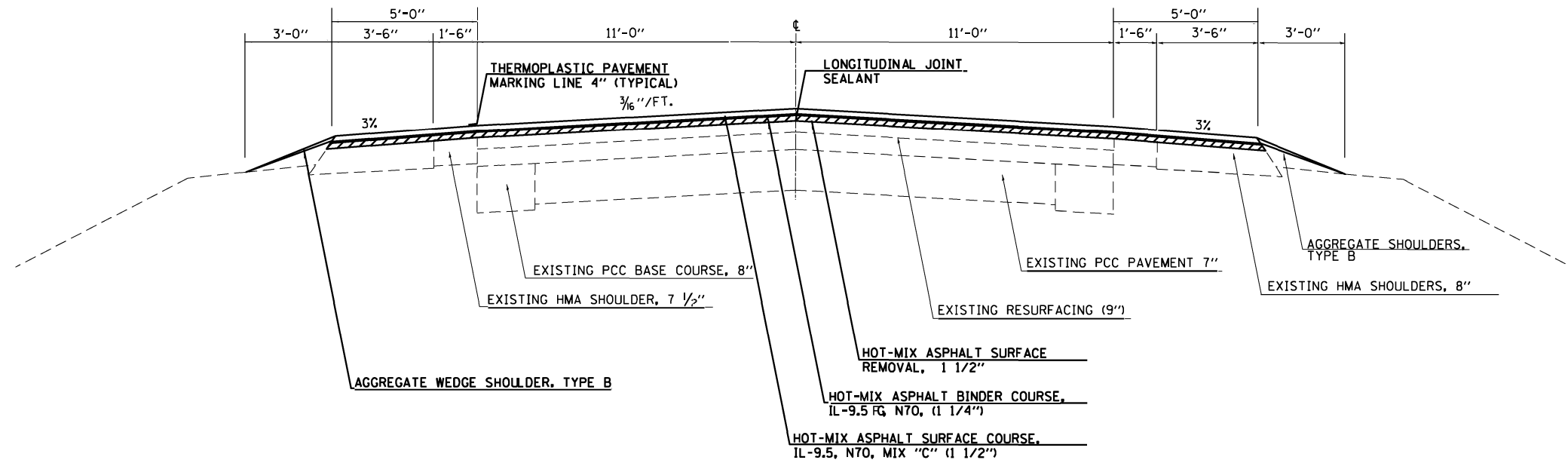
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REV. - MS

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PLOT DATE = 12/16/2022	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									
				SCALE: NA	SHEET NO. 1 OF 4 SHEETS	STA.	TO STA.					

TYPICAL CROSS SECTION

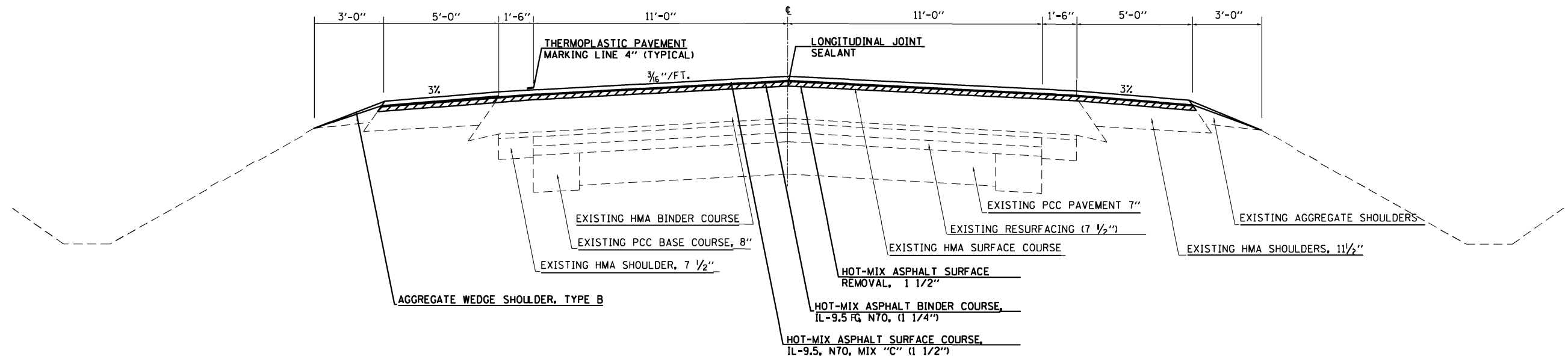
STATION 188+92 TO STATION 201+00
 STATION 303+00 TO STATION 317+00
 STATION 410+00 TO STATION 530+60



NOTE: NOT DRAWN TO SCALE

TYPICAL CROSS SECTION

STATION 210+50 TO STATION 225+70
 STATION 231+45 TO STATION 243+70
 STATION 259+50 TO STATION 267+00



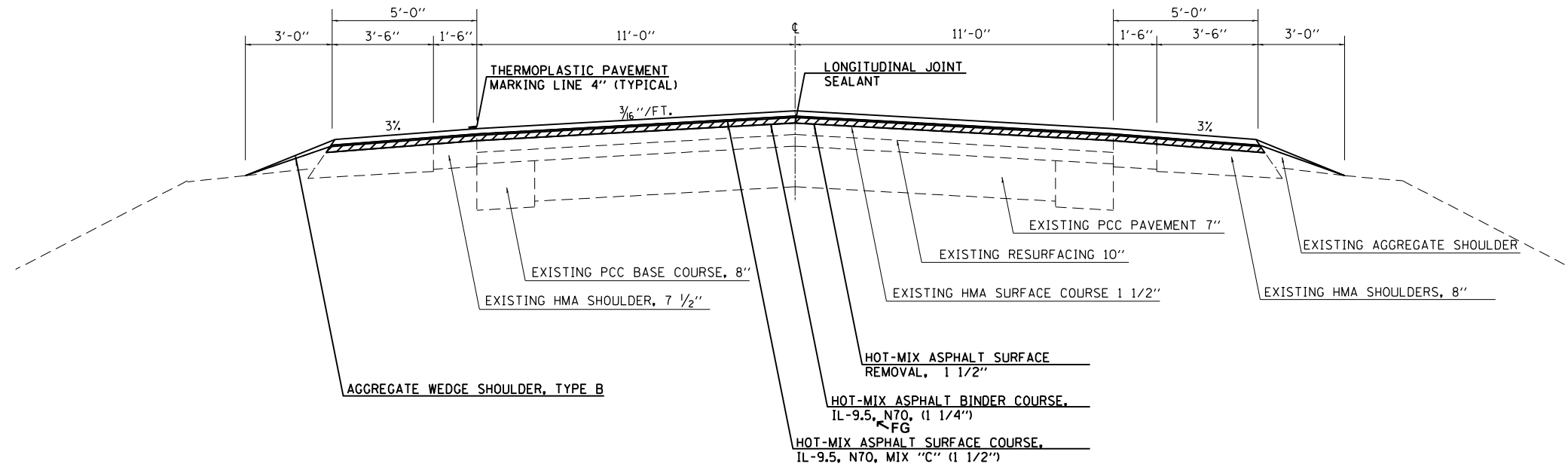
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REV. - MS

FILE NAME =	USER NAME = Mono.Steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TYPICAL CROSS SECTION

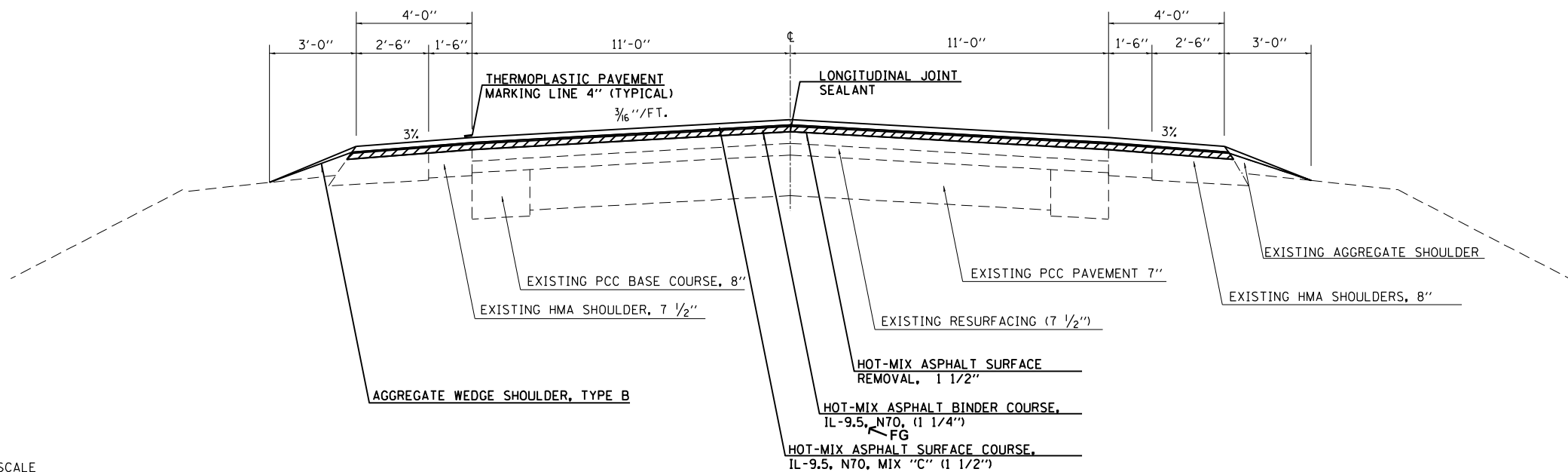
STATION 225+70 TO STATION 231+45
STATION 243+70 TO STATION 259+50



NOTE: NOT DRAWN TO SCALE

TYPICAL CROSS SECTION

STATION 267+00 TO STATION 303+00
STATION 317+00 TO STATION 335+00
STATION 401+00 TO STATION 410+00



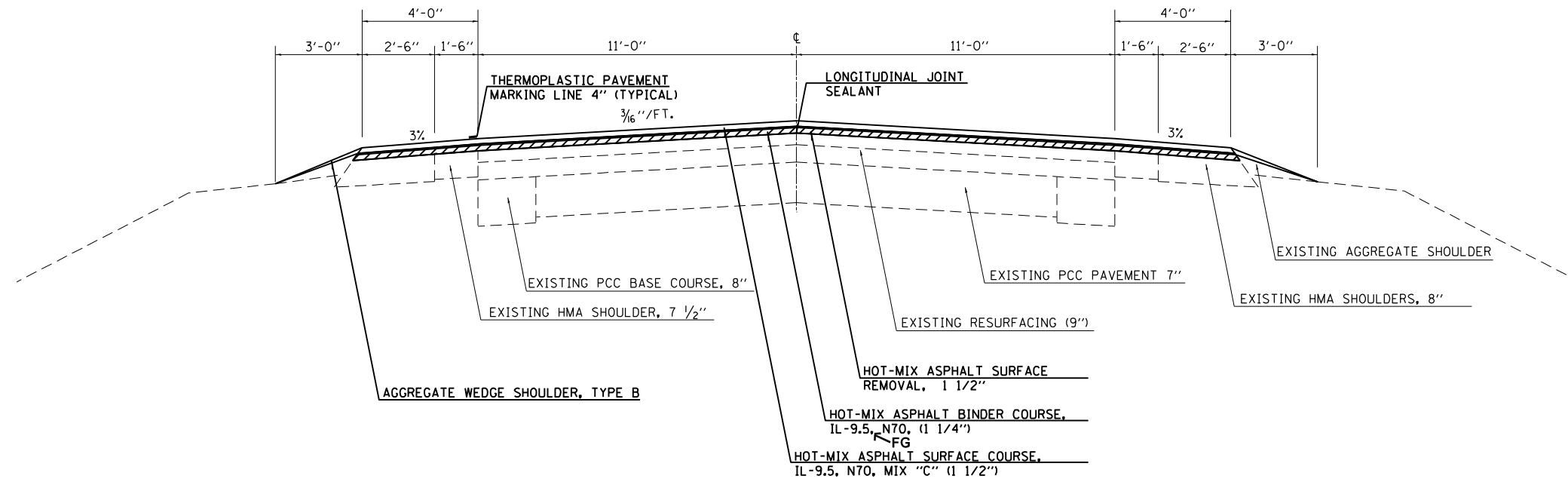
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REV. - MS

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PLOT DATE = 12/16/2022	DATE -	REVISED -	REVISED -		SCALE: NA SHEET NO. 3 OF 4 SHEETS STA. TO STA.			CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT												

TYPICAL CROSS SECTION

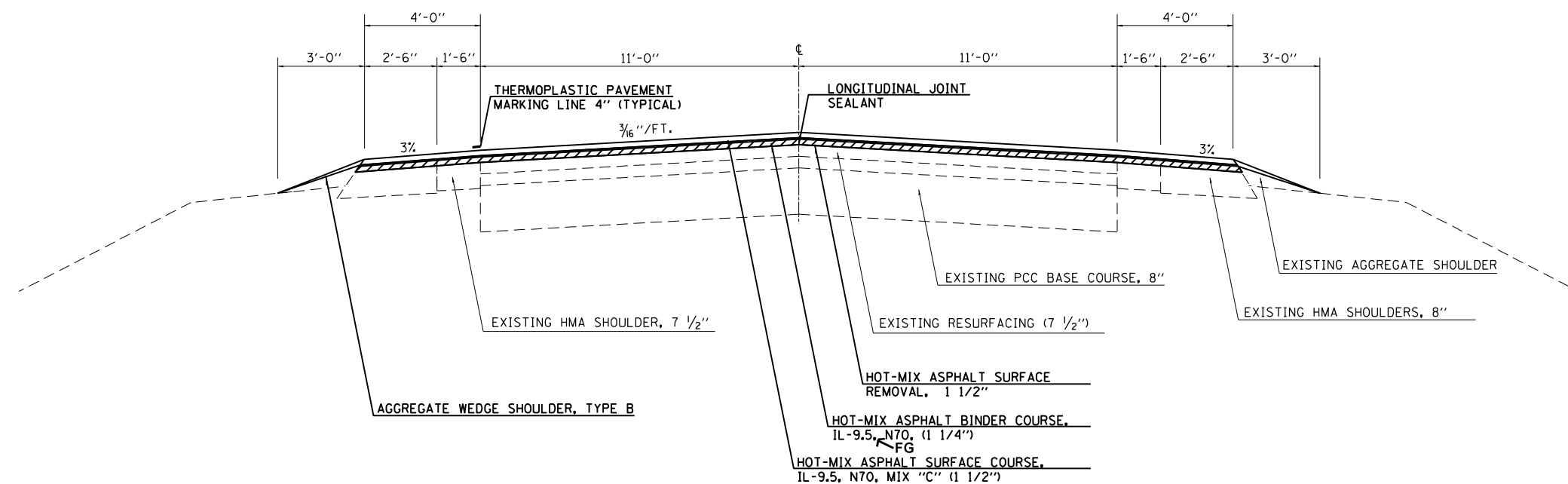
STATION 303+00 TO STATION 317+00
 STATION 362+64 TO STATION 401+00
 STATION 410+00 TO STATION 483+92



NOTE: NOT DRAWN TO SCALE

TYPICAL CROSS SECTION

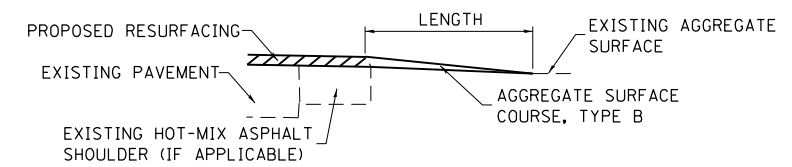
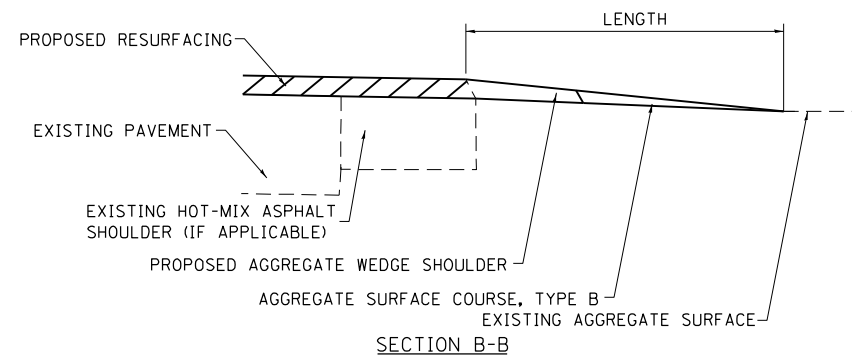
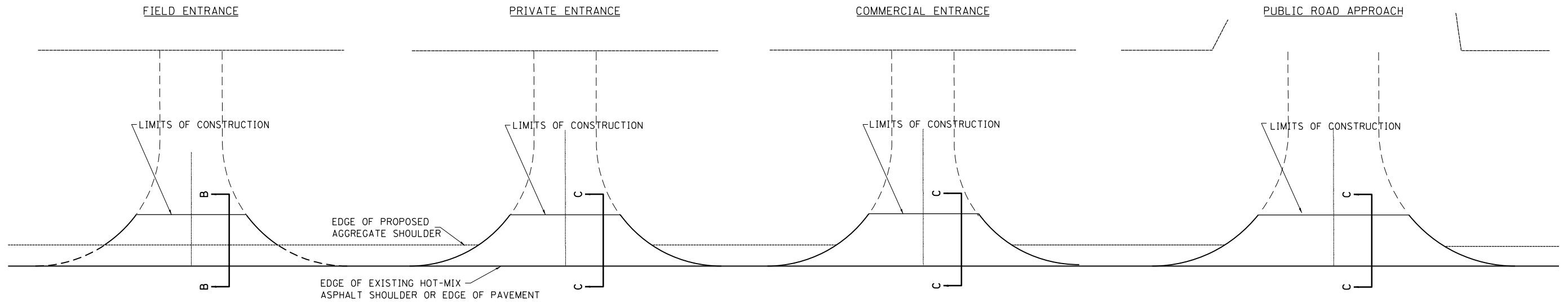
STATION 335+00 TO STATION 349+13.88
 STATION 349+13.88 TO STATION 349+465.13 BRIDGE #058-0044 (HMA SURFACE ONLY)
 STATION 349+46.13 TO STATION 362+64



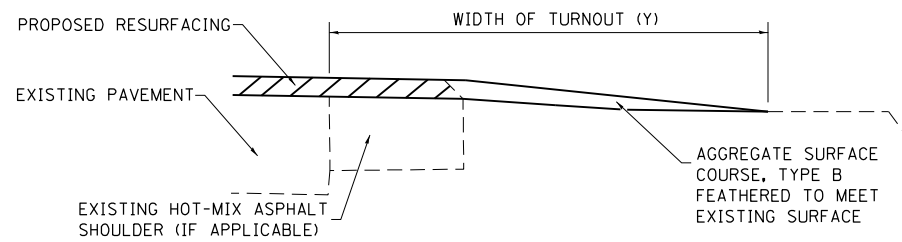
NOTE: NOT DRAWN TO SCALE

REV. - MS

FILE NAME =	USER NAME = Mono.Steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 12/16/2022	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									

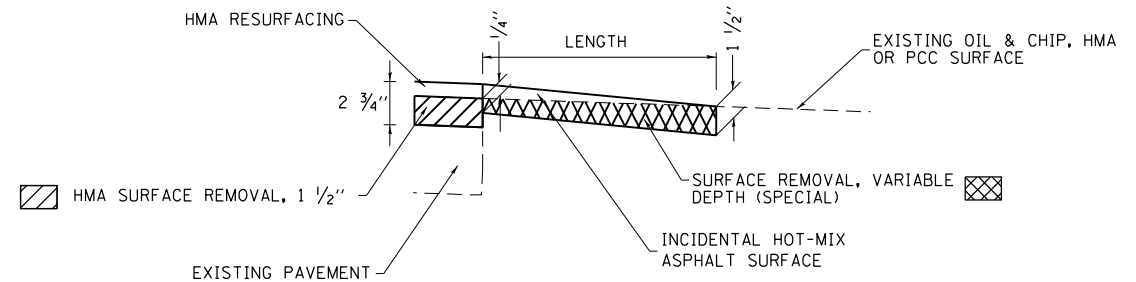


SECTION C-C



TYPICAL SECTION AT MAILBOX TURNOUT

NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS



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.

MODEL: Default FILE: Mailbox_Shoulder.dwg USER: jstewart DATE: 12/16/2022 PROJECT: 174976 COUNTY: MACON SHEETS: 29 OF 29 SHEET: 9 OF 9

USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RURAL ENTRANCE AND MAILBOX TURNOUT DETAILS
WITH SHOULDERS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	9
CONTRACT NO. 74976			ILLINOIS FED. AID PROJECT	

SURVEY MARKER SCHEDULE

PT. NO.	NORTHING	EASTING	EXISTING DESCRIPTION	STATION	OFFSET	PROPOSED RESET	PERMANENT	PROTECTING OR
							SURVEY MARKERS, TYPE I	RESETTING SURVEY MARKERS
							EACH	EACH
1000	1159482.437	838773.721	Mag Nail	PC 187+71.82	0.0'	TYPE I - DISK(Flush)	1	1
1001	1159479.722	839135.227	Mag Nail	PI 191+33.00	1.85' RT.	TYPE I - DISK(Flush)	1	1
1002	1159484.312	839496.304	Mag Nail	PT 194+94.15	0.0'	TYPE I - DISK(Flush)	1	1
1003	1159494.53	840308.236	Mag Nail	PC 203+06.23	0.0'	TYPE I - DISK(Flush)	1	1
1004	1159499.908	840727.867	Mag Nail	PI 207+25.90	1.41' LT.	TYPE I - DISK(Flush)	1	1
1005	1159496.828	844950.663	Disk IN Vault	PI 249+48.72	0.0'	TYPE I - DISK(Flush)	1	1
1006	1159510.227	846833.436	Mag Nail	PC 268+31.64	0.0'	TYPE I - DISK(Flush)	1	1
1007	1159511.897	847070.407	Mag Nail	PI 270+68.62	1.62' RT.	TYPE I - DISK(Flush)	1	1
1008	1159520.092	847307.19	Mag Nail	PT 273+05.57	0.0'	TYPE I - DISK(Flush)	1	1
1009	1159548.826	848141.833	Mag Nail	PI 281+40.74	0.0'	TYPE I - DISK(Flush)	1	1
1010	1159573.75	848797.578	Mag Nail	PI 287+96.99	0.0'	TYPE I - DISK(Flush)	1	1
1011	1159616.764	849829.033	Mag Nail	PI 298+29.33	0.0'	TYPE I - DISK(Flush)	1	1
1012	1159691.72	851854.189	Mag Nail	PC 318+55.94	0.0'	TYPE I - DISK(Flush)	1	1
1013	1159699.654	852072.917	Mag Nail	PI 320+74.88	3.14' RT.	TYPE I - DISK(Flush)	1	1
1014	1159720.315	852290.859	Mag Nail	PT 322+93.70	0.0'	TYPE I - DISK(Flush)	1	1
1015	1159734.17	852437.395	Mag Nail	PC 324+40.84	0.0'	TYPE I - DISK(Flush)	1	1
1016	1159753.725	852643.149	Mag Nail	PI 326+47.27	3.95' LT.	TYPE I - DISK(Flush)	1	1
1017	1159757.374	852849.878	Mag Nail	PT 328+54.09	0.0'	TYPE I - DISK(Flush)	1	1
1018	1159776.218	853896.964	Mag Nail	STA EO 339+01.37 BK = 339+00.00 AH	0.0'	TYPE I - DISK(Flush)	1	1
1019	1159787.832	854546.674	IP w/CAP	PI 345+49.80	0.0'	TYPE I - DISK(Flush)	1	1
1020	1159814.507	855814.49	IP w/CAP	PI 358+17.97	0.0'	TYPE I - DISK(Flush)	1	1
1021	1159826.47	856413.799	Mag Nail	PI 364+17.43	0.0'	TYPE I - DISK(Flush)	1	1
1022	1159847.089	857901.821	Mag Nail	PI 379+05.69	2.98' LT.	TYPE I - DISK(Flush)	1	1
1023	1159841.602	858368.877	Mag Nail	PT 383+72.62	0.0'	TYPE I - DISK(Flush)	1	1
1024	1159813.267	860778.281	Mag Nail	PI 407+82.28	0.0'	TYPE I - DISK(Flush)	1	1
1025	1159792.711	862981.72	Mag Nail	PC 429+85.90	0.0'	TYPE I - DISK(Flush)	1	1
1026	1159790.615	863198.484	Mag Nail	PI 432+02.75	1.28' RT.	TYPE I - DISK(Flush)	1	1
1027	1159793.797	863415.342	Mag Nail	PT 434+19.58	0.0'	TYPE I - DISK(Flush)	1	1
1028	1159824.94	865600.441	Mag Nail	PI 456+05.14	0.0'	TYPE I - DISK(Flush)	1	1
1029	1159855.815	868087.431	Mag Nail	PC 480+92.19	0.0'	TYPE I - DISK(Flush)	1	1
1030	1159859.785	868406.74	Mag Nail	PI 484+11.71	2.90' LT.	TYPE I - DISK(Flush)	1	1

SECTION CORNERS

1031	1159515.563	847095.805	Mag Nail - POSSIBLE SECT. COR NO TIES	270+94.1	1.5' LT.	Mag Nail	1	1
1032	1159712.592	852390.877	IP w/2in cap - POSSIBLE SECT. COR NO TIES	323+94	17.2' RT.	IP w/2in cap	1	1
1033	1159844.613	857825.958	IP - POSSIBLE SECT. COR NO TIES	378+29.8	0.8' LT.	IP	1	1
1034	1159793.145	863120.389	Mag Nail - POSSIBLE SECT. COR NO TIES	431+24.6	1.3' LT.	Mag Nail	1	1
1035	1159829.046	865755.854	Mag Nail - POSSIBLE SECT. COR NO TIES	457+60.6	2.7' LT.	Mag Nail	1	1
1036	1159865.188	868403.863	Section Corner - Mag Nail - M.R. 2 PG.28 PIATT CO. NW COR. Sec. 15,T16N,R4E	484+08.8	8.2' LT.	Mag Nail	1	1
TOTAL							37	37

NGS MONUMENTS USED TO CHECK ACCURACY OF VRS

Z262	1154102.83	831234.41	818
MAC02A	1191762.78	847090.51	818
BEERY	1159759.53	865490.07	818

MODEL: Default
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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/16/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY MARKER SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	10
CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE

STATION	TO	STATION	LENGTH	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 , MIX "C", N70	AGGREGATE WEDGE SHOULDERS, TYPE B	TEMPORARY RAMP	SHOULDER RUMBLE STRIPS, 8 INCH	LONGITUDINAL JOINT SEALANT
STATION	TO	STATION	LENGTH	SQ YD	POUND	TONS	TONS	TON	SQ YD	FOOT	FOOT
163+53		171+15	762	2709	1829	190	228	72	18	1524	762
171+15		179+76	861	3061	2067	214	257	82		1722	861
179+76		182+19	243	864	584	60	73	23		486	243
182+19		188+92	673	2393	1616	168	201	64		1346	673
188+92		201+00	1208	4295	2900	301	361	115		2416	1208
201+00		210+50	950	3378	2280	236	284	90		1900	950
210+50		225+70	1520	5911	3990	414	497	144		3040	1520
225+70		231+45	575	2044	1380	143	172	55		1150	575
231+45		243+70	1225	4764	3216	333	400	116		2450	1225
243+70		259+50	1580	5618	3792	393	472	150		3160	1580
259+50		267+00	750	2917	1969	204	245	71		1500	750
267+00		303+00	3600	12800	8640	896	1075	342		7200	3600
303+00		317+00	1400	4978	3360	348	418	133		2800	1400
317+00		335+00	1800	6000	4050	420	504	171		3600	1800
335+00		339+01	401	1338	904	94	112	38		803	401
339+01.36		339+00.00		STATION EQUATION							
339+00		349+14	1014	3380	2282	237	284	96		2028	1014
349+14		349+46	32	143	97	0	12	0		65	32
349+46		362+64	1318	4393	2966	308	369	125		2636	1318
362+64		401+00	3836	12787	8631	895	1074	364		7672	3836
401+00		410+00	900	3000	2025	210	252	85		1800	900
410+00		483+92	7392	24640	16632	1725	2070	702	17	14784	7392
TOTAL			32040	111412	75210	7789	9359	3038	34	64081	32040

PAVEMENT MARKING SCHEDULE

STATION	TO	STATION	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	GROOVING FOR RECESSED PAVEMENT MARKING 5"	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
STATION	TO	STATION	FOOT	SQ FT	FOOT	FOOT	FOOT	EACH	EACH
163+53		389+85	6790	679	50922	50922	50922	283	283
389+85		397+10	218	22	2900	2900	2900	9	9
397+10		398+85	53	5	394	394	394	2	2
398+85		407+90	272	27	3620	3620	3620	11	11
407+90		483+92	2281	228	17105	17105	17105	95	95
		TOTAL	9612	961	74940	74940	74940	400	400

TRAFFIC CONTROL SCHEDULE

	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	CHANGEABLE MESSAGE SIGN
	LUMP SUM	LUMP SUM	CAL DA
ILL ROUTE 105	1	1	28
TOTALS	1	1	28

MODEL: Default
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REV. - MS

USER NAME = Mona.Steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVING SCHEDULE AND PAVEMENT MARKING SCHEDULE			F.A.P. RTE. = 741	SECTION = (11,12)RS-1	COUNTY = MACON	TOTAL SHEETS = 29	SHEET NO. = 11
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	CONTRACT NO. 74976		
PLOT DATE = 12/16/2022	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
	DATE -	REVISED -									

ENTRANCE SCHEDULE						
SIDE	STATION	TYPE	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B	STREET NAME
			SQ YD	TON	TON	
LT	176+94	PRA	183	9		SAGAMON RD
RT	177+12	FE			2.5	
RT	190+38	PRA	208	10.2		ESTHER/100 S
LT	198+38	FE			2.3	
LT	203+70	FE			2.5	
RT	203+70	FE			2.5	
LT	216+87	PRA	172	8.4		70TH STREET
RT	216+87	PRA	183	9		70TH STREET
RT	218+14	FE			4.6	
RT	227+13	PE	33	1.6		
RT	227+07	MBT	10	0.5		
RT	228+47	PE	36	1.7		
LT	230+16	FE			2.9	
RT	230+16	FE			2.9	
RT	230+60	FE			2.9	
LT	230+77	FE			2.9	
LT	243+40	FE			2.3	
LT	248+00	PE	32	1.6		
LT	249+71	PE	36	1.7		
RT	249+71	MBT	10	0.5		
RT	250+31	FE			3.1	
LT	252+90	PE	29	1.4		
RT	256+65	FE			2.7	
RT	257+10	FE			2.7	
RT	263+20	PE	26	1.3		
RT	269+52	FE	28		2.6	
RT	271+02	PRA	264	13		PRAIRE VIEW RD CH 59
LT	271+02	PRA	179	8.8		PRAIRE VIEW RD
LT	275+30	PE	33	5.5		
LT	278+01	FE			2.6	
LT	284+60	FE			2.6	
RT	286+41	FE			2.9	
RT	288+03	FE			2.6	
RT	297+55	PE	34	1.7		
LT	297+55	FE			3.1	
RT	299+47	PE	83	4.1		
RT	307+31	FE			3.7	
LT	313+97	PE	43	2.1		
LT	315+17	PE	57	2.8		
RT	318+25	PE	38	1.9		
RT	318+25	MBT	10	0.5		
RT	323+98	PRA	240	11.8		S OAKLEY RD
LT	323+98	PRA	536	26.3		N OAKLEY RD CH 25
LT	326+76	PE	24	1.2		
RT	329+20	PE	40	2		
LT	329+20	FE	67	3.3		

ENTRANCE SCHEDULE						
SIDE	STATION	TYPE	SURFACE REMOVAL, VARIABLE DEPTH (SPECIAL)	INCIDENTAL HOT-MIX ASPHALT SURFACING	AGGREGATE SURFACE COURSE, TYPE B	STREET NAME
			SQ YD	TON	TON	
LT	331+57	FF			3.7	
LT	334+78	PE	31	1.5		
RT	337+28	PE	28	1.4		
RT	337+28	MBT	10	0.5		
LT	337+52	PE	30	1.5		
LT	337+52	MBT	10	0.5		
RT	339+62	PE	49	2.4		
LT	346+39	FE	45	2.2		
RT	351+39	FE			3.0	
LT	358+82	FE			3.1	
LT	362+39	FE			2.2	
RT	362+15	PE	33	1.6		
RT	363+52	MBT	45	2.2		
LT	366+86	PE	62	3		
LT	367+88	MBT	24	1.2		
RT	379+31	FE			2.6	
LT	379+60	PE	49	2.4		
LT	379+63	PE	43	2.1		
LT	388+91	PE	54	2.6		
LT	391+59	PRA	181	8.9		100 N ILLINI RD
RT	391+59	PRA	170	8.3		S ILLINI RD
LT	398+85	FE			2.6	
RT	401+32	FE			2.6	
LT	404+91	PE	41	2		
RT	404+91	MBT	42	2.1		
RT	406+79	FE			2.7	
LT	407+44	FE			2.5	
LT	408+61	FE			2.0	
RT	417+95	FE			3.1	
RT	421+48	FE			2.8	
RT	422+35	FE			2.3	
RT	424+58	FE			2.9	
RT	430+65	MBT	27	1.3		
LT	431+25	PRA	168	2.4		100 N GREENWAY RD
RT	431+25	PRA	159	2.3		GREENWAY RD
LT	444+21	FE			3.0	
LT	450+75	FE			3.3	
RT	454+13	PE	42	2.1		
LT	454+13	FE	39		3.6	
LT	457+11	PE	71	3.5		
RT	457+73	FE			3.8	
LT	457+73	FE			3.0	
RT	470+73	FE			3.4	
TOTAL			4086	190	115	

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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/16/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENTRANCE SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

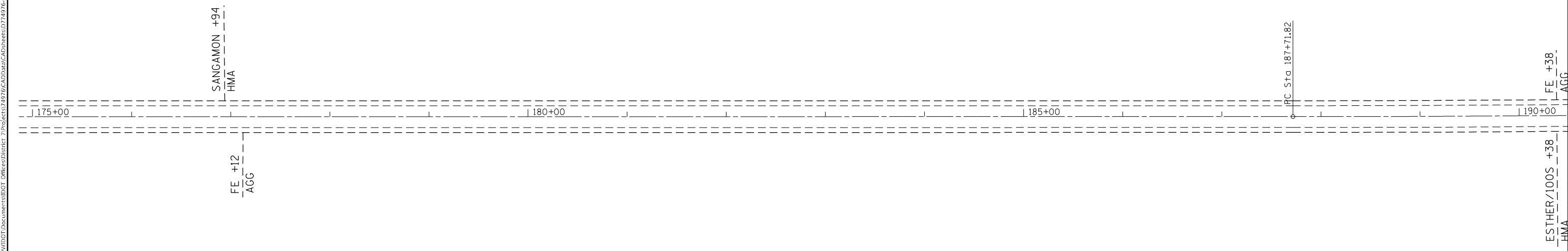
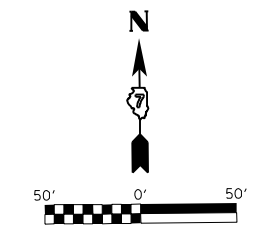
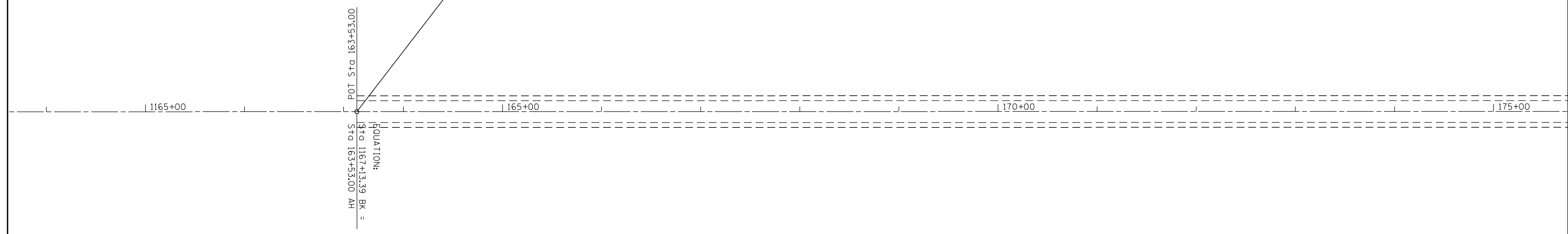
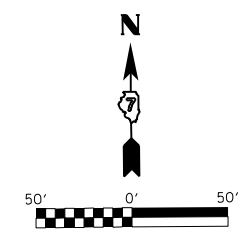
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	12
CONTRACT NO. 74976			ILLINOIS FED. AID PROJECT	

Model: Default
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Patch Number	Lane	Sta	Laid Out		Actual		Paid		Plan Depth in	Measured Depth in	% Change Thickness	Type 1 sy	Type 2 sy	Type 3 sy	Type 4 sy
			Length ft	Width ft	Length ft	Width ft	Length ft	Width ft							
1	EBL	165+54	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
2	EBL	166+79	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
3	EBL	167+00	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
4	EBL	167+58	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
5	EBL	168+92	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
6	EBL	171+04	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
7	EBL	172+15	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
8	EBL	173+05	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
9	EBL	174+25	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
10	EBL	176+48	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
11	EBL	178+28	5.0	12.0			5.0	12.0	16.0	16.0	0.00%		6.7		
12	EBL	181+03	5.0	12.0			5.0	12.0	16.0	16.0	0.00%		6.7		
13	EBL	181+60	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
14	EBL	185+21	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
15	EBL	185+53	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
16	EBL	187+10	5.0	12.0			5.0	12.0	16.0	16.0	0.00%		6.7		
17	EBL	189+52	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
18	EBL	190+75	8.0	12.0			8.0	12.0	16.0	16.0	0.00%		10.7		
19	EBL	191+57	5.0	12.0			5.0	12.0	16.0	16.0	0.00%		6.7		
20	EBL	192+95	5.0	12.0			5.0	12.0	16.0	16.0	0.00%		6.7		
21	EBL	193+62	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
22	EBL	197+58	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
23	EBL	198+62	6.0	12.0			6.0	12.0	16.0	16.0	0.00%		8.0		
24	EBL	201+18	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
25	EBL	209+10	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
26	EBL	268+60	5.0	12.0			5.0	12.0	16.0	16.0	0.00%		6.7		
27	EBL	271+68	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
28	EBL	277+46	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
29	EBL	283+07	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
30	EBL	284+50	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
31	EBL	289+44	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
32	EBL	294+28	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
33	EBL	296+25	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
34	EBL	296+42	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
35	EBL	299+00	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
36	EBL	300+00	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
37	EBL	305+05	5.0	12.0			5.0	12.0	16.0	16.0	0.00%		6.7		
38	EBL	322+60	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
39	EBL	327+50	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
40	EBL	327+90	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
41	EBL	336+22	15.0	4.0			15.0	4.0	16.0	16.0	0.00%		6.7		
42	EBL	334+75	10.0	4.0			10.0	4.0	16.0	16.0	0.00%	4.4			
43	EBL	331+16	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
44	EBL	360+05	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
45	EBL	362+55	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
46	EBL	362+75	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
47	EBL	363+35	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
48	EBL	364+10	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
49	EBL	374+29	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
50	EBL	381+91	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
51	EBL	401+17	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
52	EBL	404+75	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
53	EBL	405+65	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
54	EBL	406+15	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
55	WBL	411+60	6.0	12.0			6.0	12.0	16.0	16.0	0.00%		8.0		
56	WBL	410+60	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
57	WBL	406+35	50.0	6.0			50.0	6.0	16.0	16.0	0.00%			33.3	
58	WBL	406+15	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
59	WBL	405+65	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
60	WBL	404+85	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
61	WBL	404+75	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
62	WBL	404+34	6.0	12.0			6.0	12.0	16.0	16.0	0.00%		8.0		
63	WBL	404+17	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
64	WBL	403+90	14.0	4.0			14.0	4.0	16.0	16.0	0.00%		6.2		
65	WBL	403+80	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
66	WBL	403+70	20.0	4.0			20.0	4.0	16.0	16.0	0.00%		8.9		
67	WBL	403+60	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
68	WBL	401+76	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
69	WBL	401+60	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		
70	WBL	389+45	4.0	12.0			4.0	12.0	16.0	16.0	0.00%		5.3		

71	WBL	384+62	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
72	WBL	381+98	6.0	12.0									6.0	12.0	16.0	16.0	0.00%		8.0		
73	WBL	381+91	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
74	WBL	377+60	45.0	6.0									45.0	6.0	16.0	16.0	0.00%			30.0	
75	WBL	365+75	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
76	WBL	363+95	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
77	WBL	363+35	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
78	WBL	362+55	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
79	WBL	360+05	6.0	12.0									6.0	12.0	16.0	16.0	0.00%		8.0		
80	WBL	336+22	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
81	WBL	331+80	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
82	WBL	331+40	6.0	12.0									6.0	12.0	16.0	16.0	0.00%		8.0		
83	WBL	331+00	8.0	12.0									8.0	12.0	16.0	16.0	0.00%		10.7		
84	WBL	330+14	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
85	WBL	330+10	20.0	6.0									20.0	6.0	16.0	16.0	0.00%		13.3		
86	WBL	328+50	35.0	4.0									35.0	4.0	16.0	16.0	0.00%			16.0	
87	WBL	328+27	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
88	WBL	327+90	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
89	WBL	327+76	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
90	WBL	327+62	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
91	WBL	327+50	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
92	WBL	327+00	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
93	WBL	322+60	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
94	WBL	300+00	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
95	WBL	299+80	4.0	12.0									4.0	12.0	16.0	16.0	0.00%		5.3		
96	WBL	299+43	4.0	12.0																	

PROJECT BEGINS
STATION 163+53



MODEL: Default
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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/16/2022	CHECKED -	REVISED -
	DATE -	REVISED -

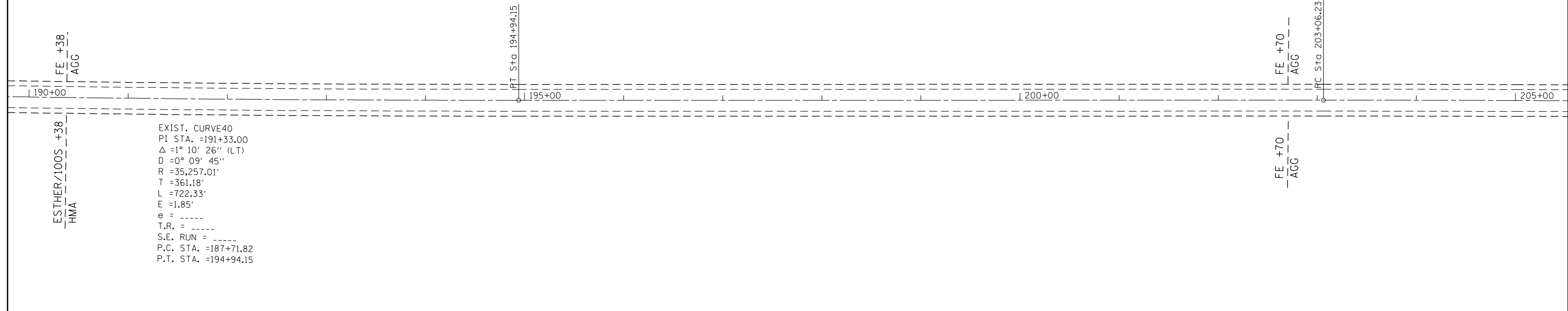
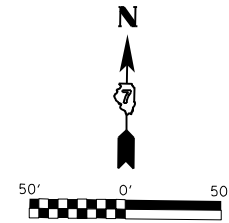
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

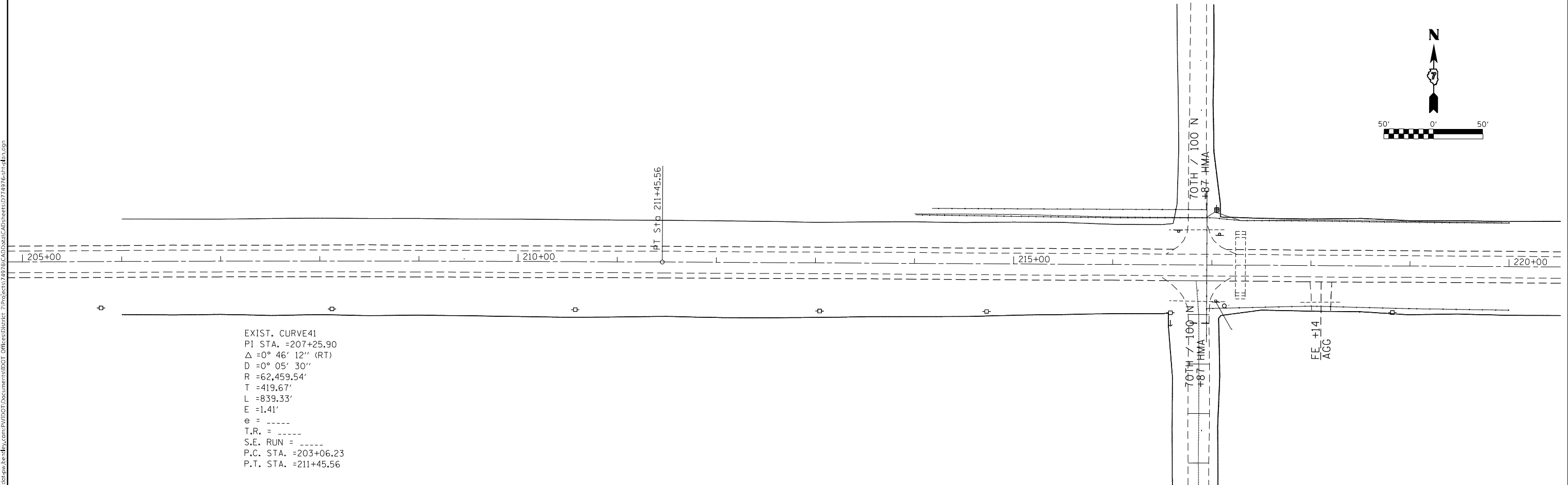
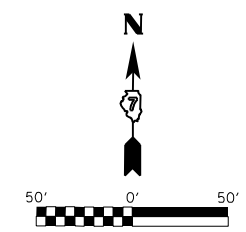
SCALE: SHEET OF SHEETS STA. 163+50 TO STA. 190+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	14
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74976	

ESTHER/100S +38
 HMA
 FE +38
 AGG



EXIST. CURVE40
 PI STA. =191+33.00
 Δ =1° 10' 26" (LT)
 D =0° 09' 45"
 R =35,257.01'
 T =361.18'
 L =722.33'
 E =1.85'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. =187+71.82
 P.T. STA. =194+94.15



EXIST. CURVE41
 PI STA. =207+25.90
 Δ =0° 46' 12" (RT)
 D =0° 05' 30"
 R =62,459.54'
 T =419.67'
 L =839.33'
 E =1.41'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. =203+06.23
 P.T. STA. =211+45.56

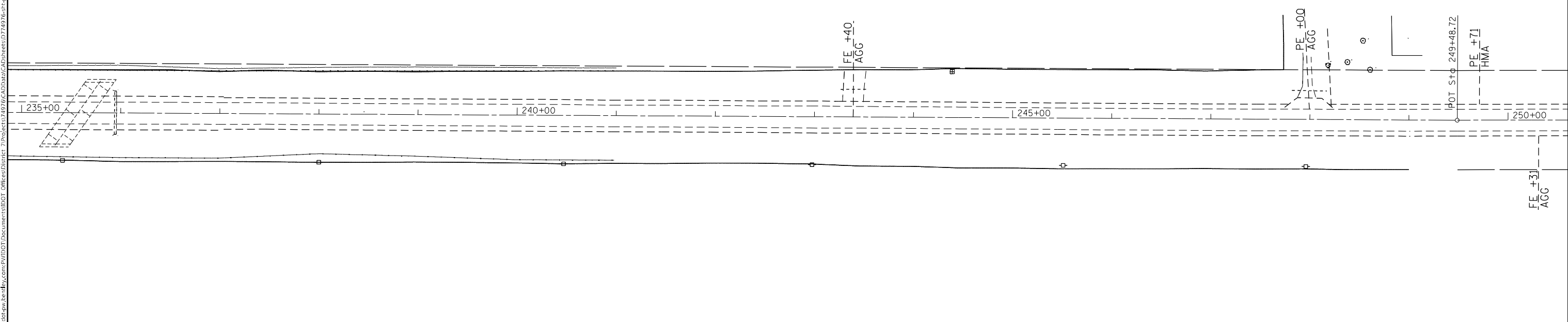
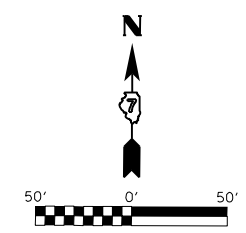
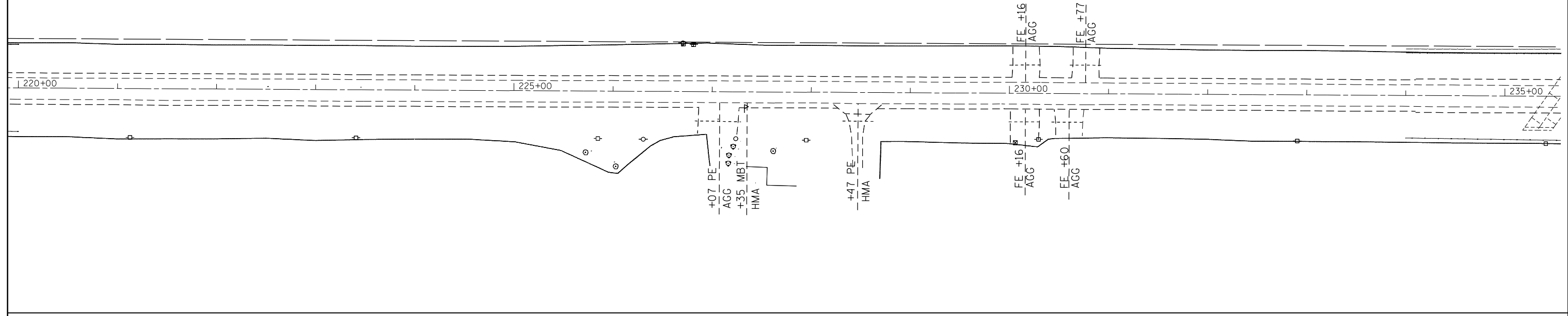
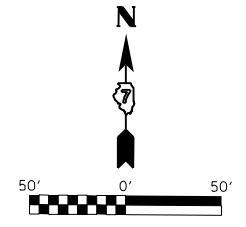
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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/16/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET OF SHEETS		PLAN SHEETS	
				STA. 190+00	TO STA. 220+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	15
CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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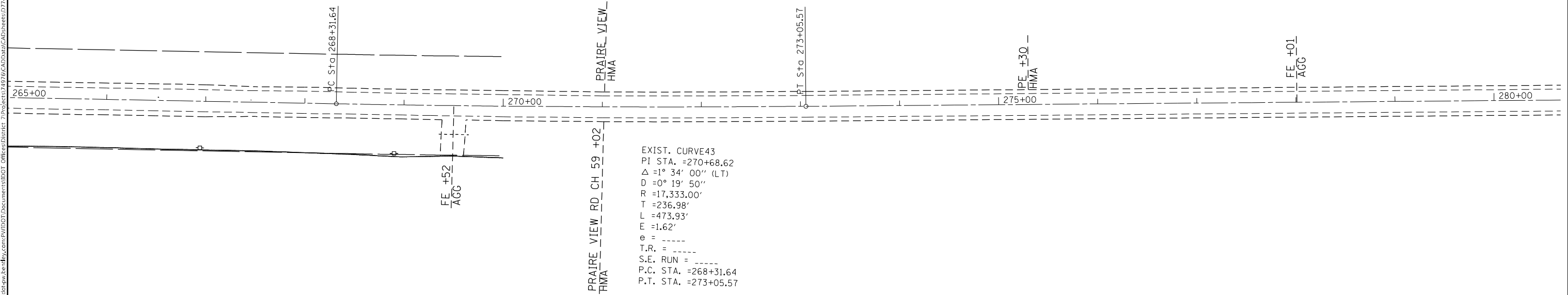
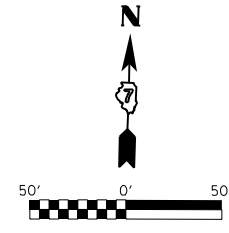
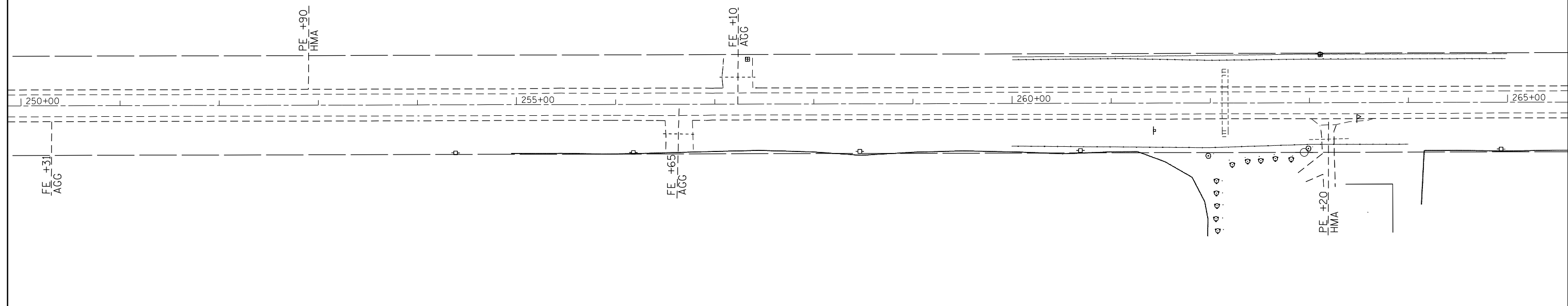
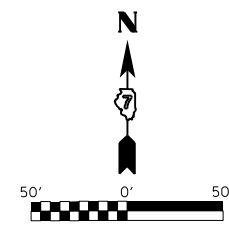
USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET OF SHEETS STA. 220+00 TO STA. 250+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	16
CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT				



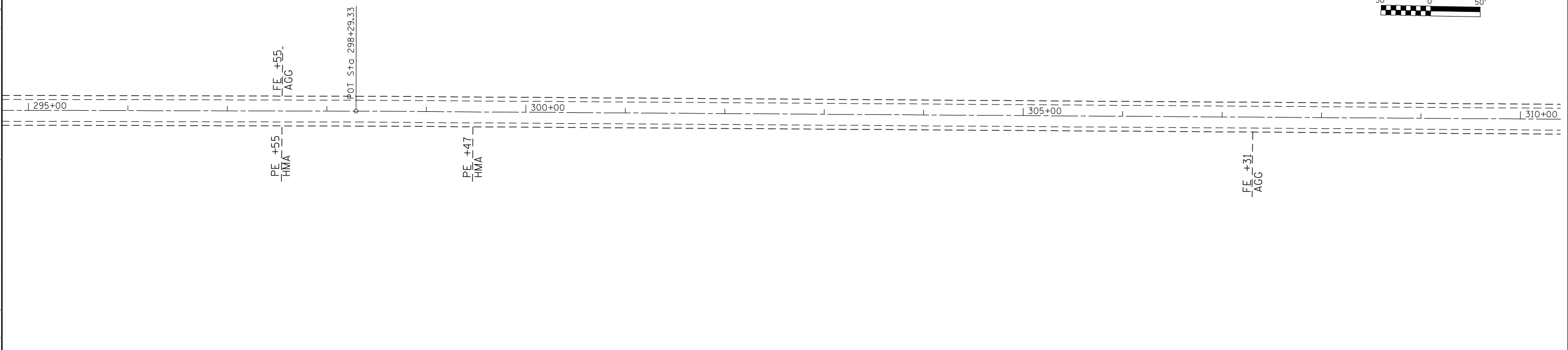
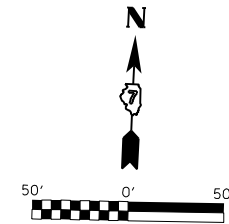
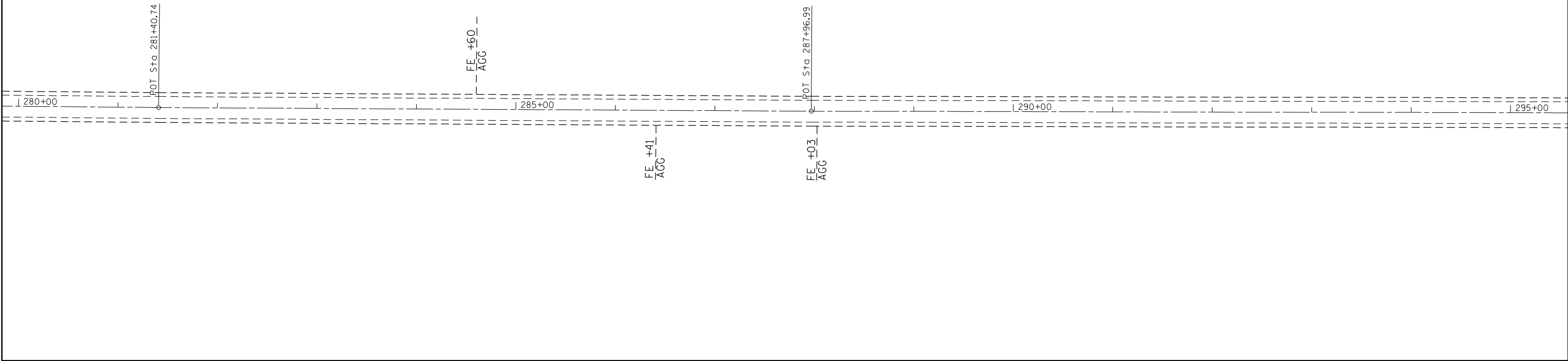
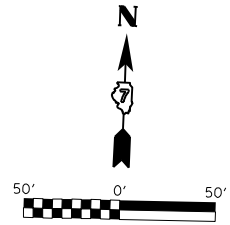
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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/16/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS	
SCALE:	SHEET OF SHEETS
STA. 250+00	TO STA. 280+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	17
CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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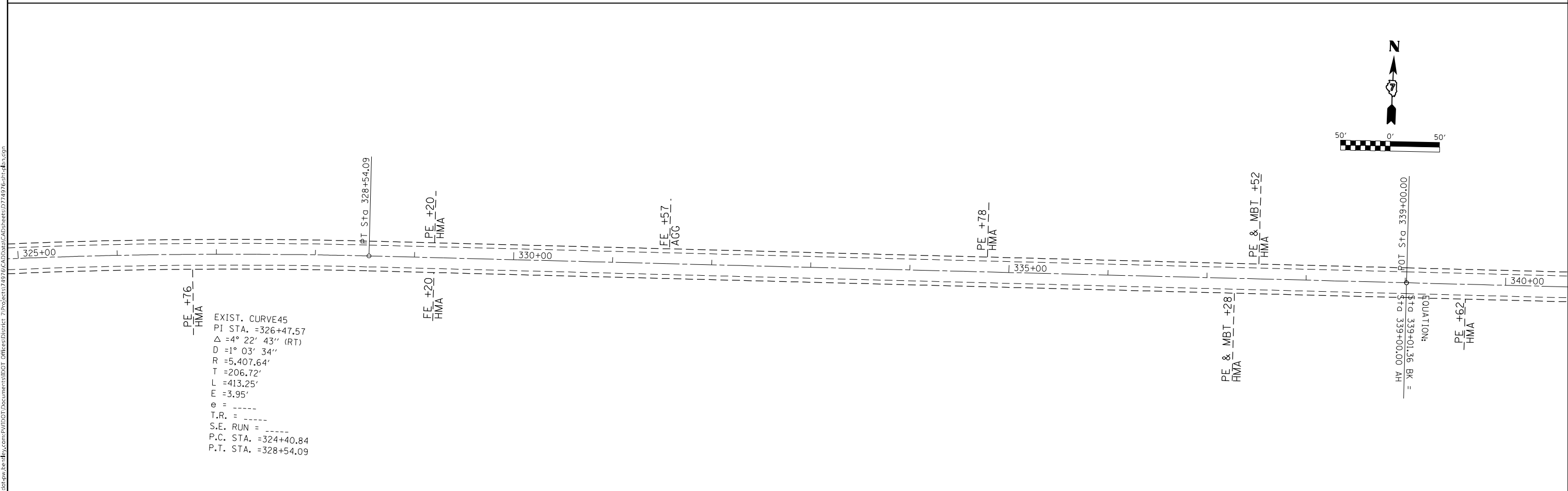
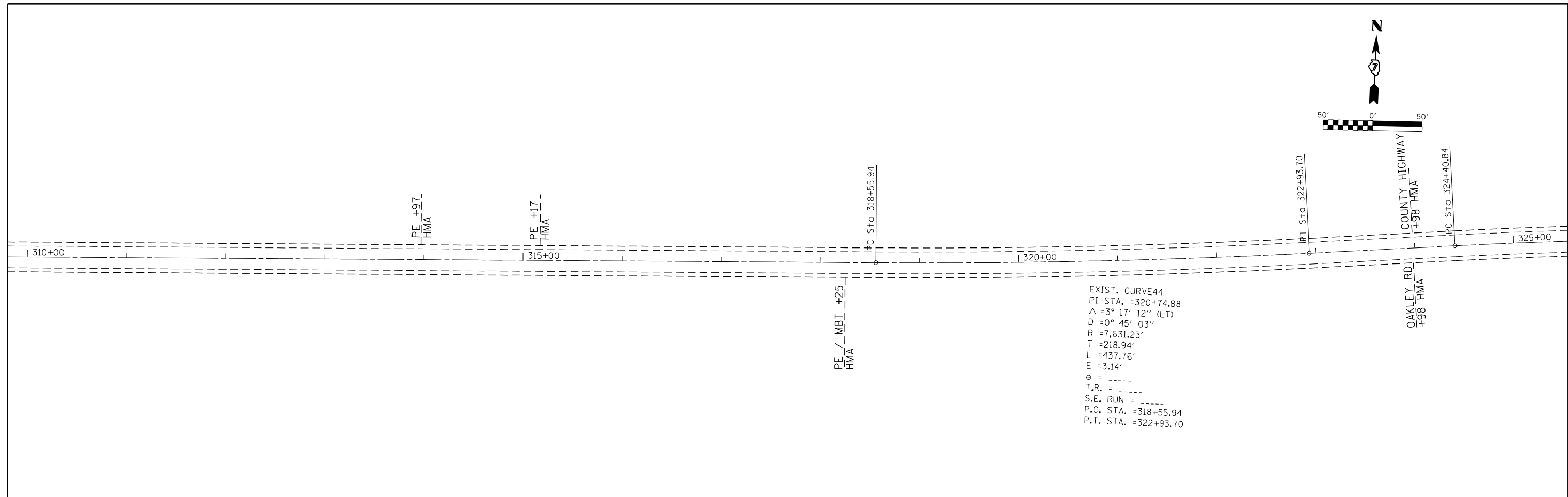
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PLOT DATE = 12/16/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	29		18
	STA. 280+00		TO STA. 310+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74976	

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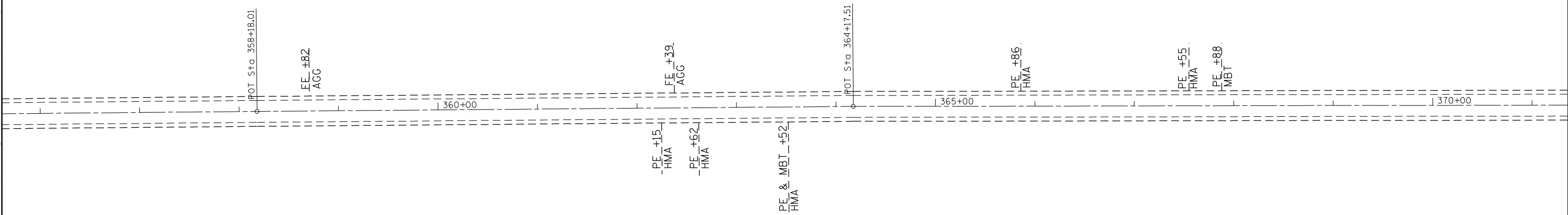
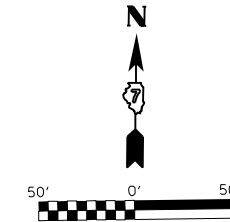
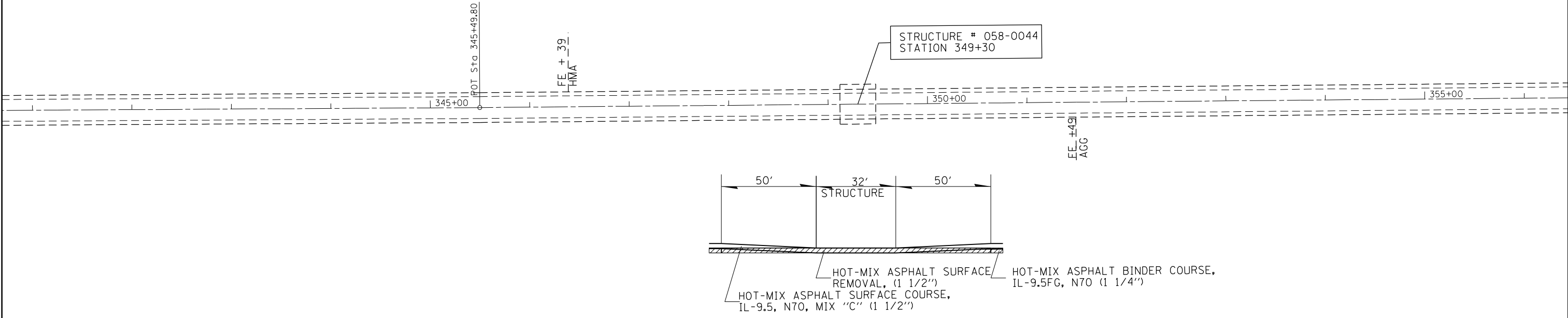
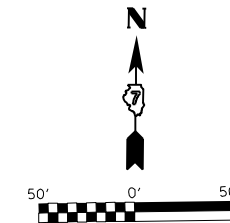
USER NAME = Mona.Steffen	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/16/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	310+00	TO	340+00

F.A.P. RTE. 741	SECTION (11,12)RS-1	COUNTY MACON	TOTAL SHEETS 29	SHEET NO. 19
ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 74976



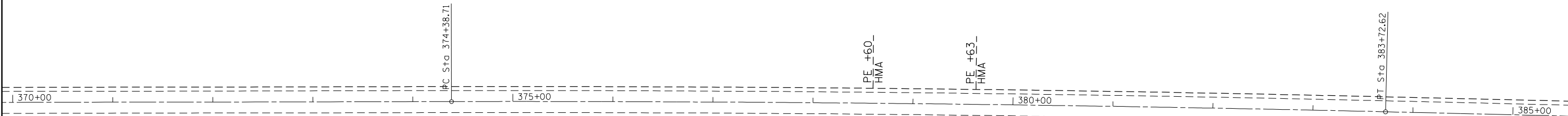
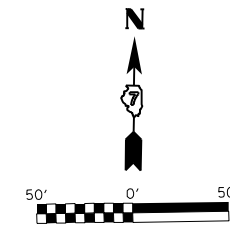
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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/16/2022	DATE -	REVISED -

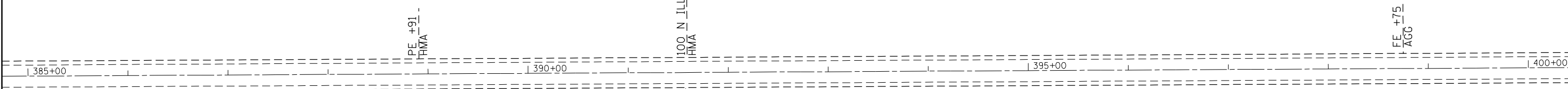
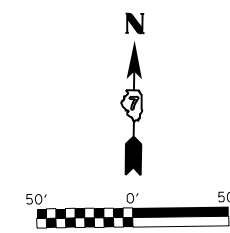
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	340+00		370+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74976	



FE +31
 AGG
 EXIST. CURVE47
 PI STA. =379+05.69
 Δ =1° 27' 45" (RT)
 D =0° 09' 24"
 R =36,590.41'
 T =466.98'
 L =933.91'
 E =2.98'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA. =374+38.71
 P.T. STA. =383+72.62



ILLINOIS RD. +59
 HMA

MODEL: Default
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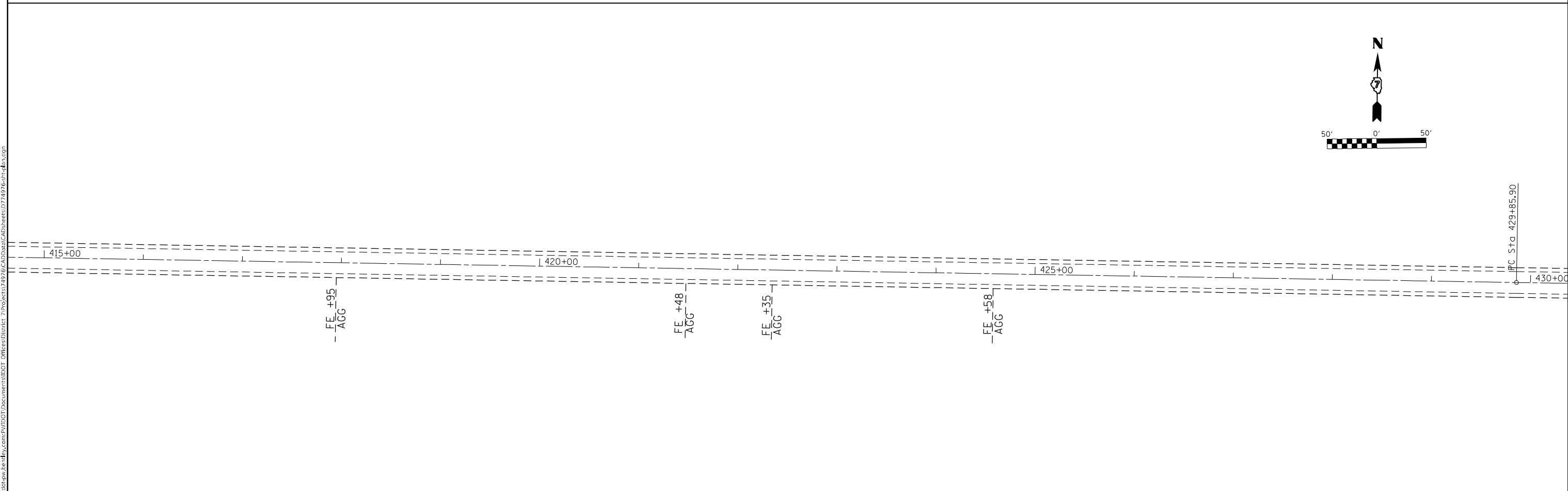
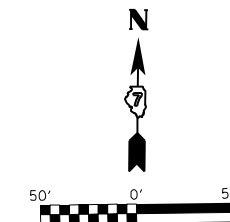
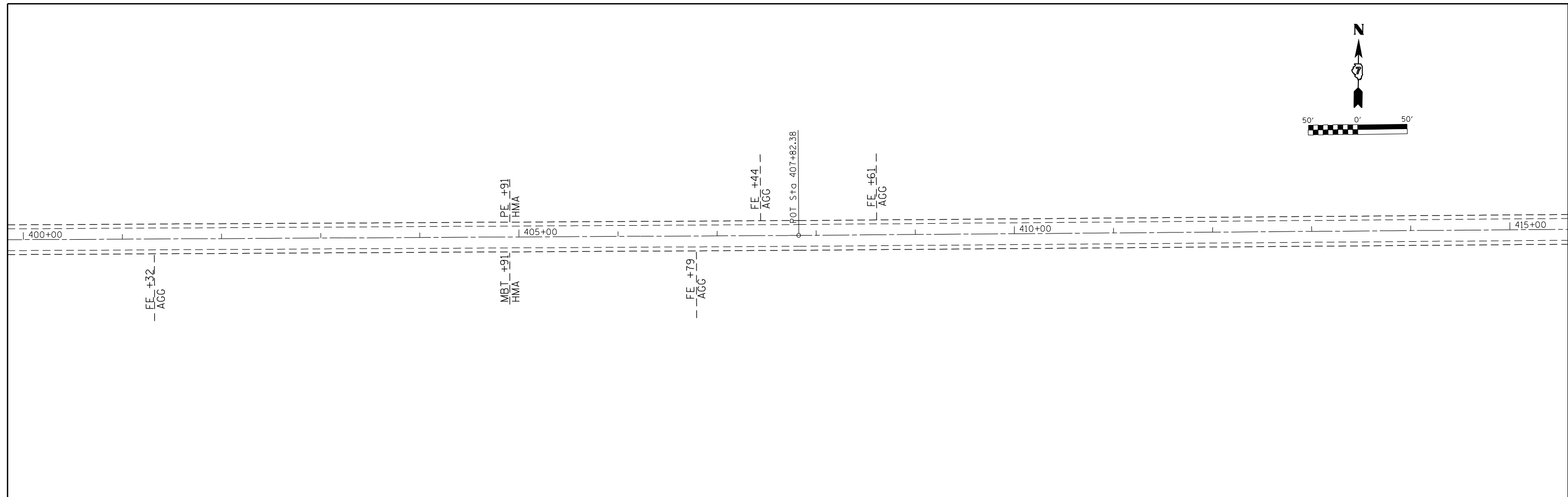
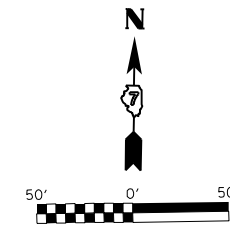
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/16/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: SHEET OF SHEETS STA. 370+00 TO STA. 400+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	21
CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT				



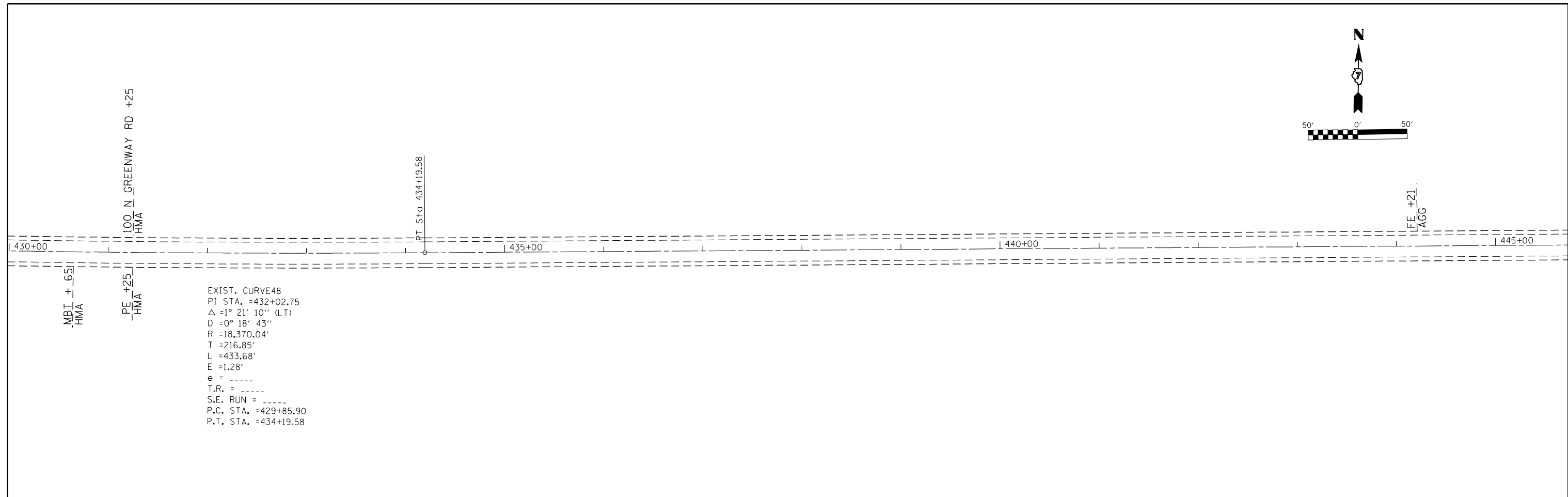
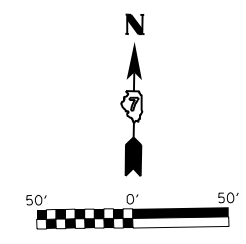
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/16/2022	DATE -	REVISED -

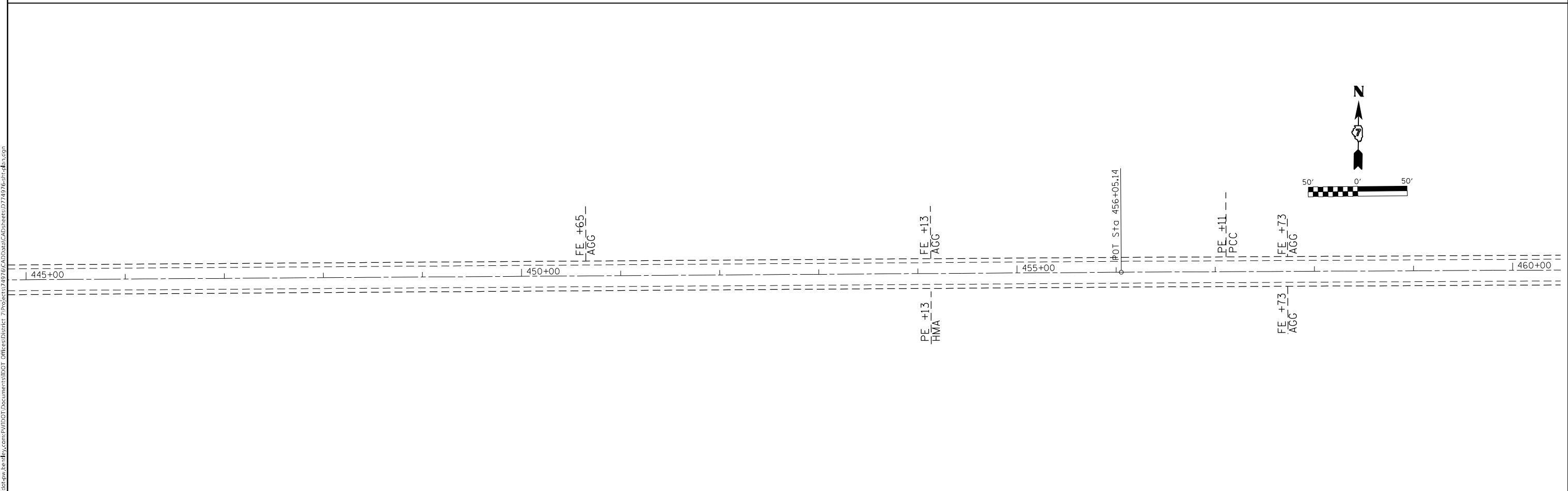
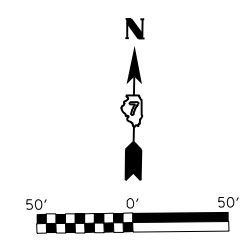
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	STA. 400+00	TO	STA. 430+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	22
CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 48
 PI STA. =432+02.75
 Δ =1° 21' 10" (LT)
 D =0° 18' 43"
 R =18,370.04'
 T =216.85'
 L =433.68'
 E =1.28'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. =429+85.90
 P.T. STA. =434+19.58



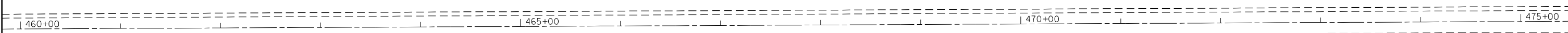
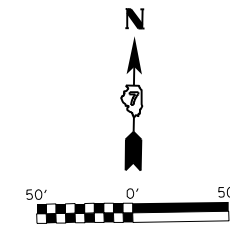
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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
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PLOT DATE = 12/16/2022	DATE -	REVISED -

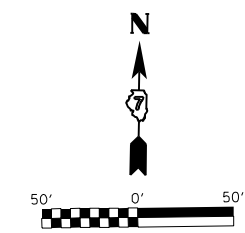
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE:	SHEET	OF	SHEETS
	741	29	23
	STA. 430+00		TO STA. 460+00

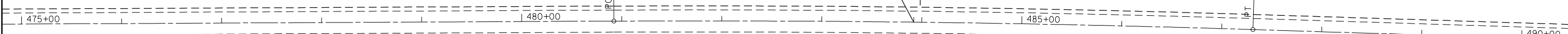
F.A.P. RTE. 741	SECTION (11,12)R5-1	COUNTY MACON	TOTAL SHEETS 29	SHEET NO. 23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74976	



FE. +73
AGG



PROJECT ENDS
STATION 483+92



EXIST. CURVE49
 PI STA. =484+11.71
 Δ =2° 04' 48" (RT)
 D =0° 19' 32"
 R =17,602.35'
 T =319.53'
 L =638.98'
 E =2.90'
 ϕ " -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. =480+92.19
 P.T. STA. =487+31.17

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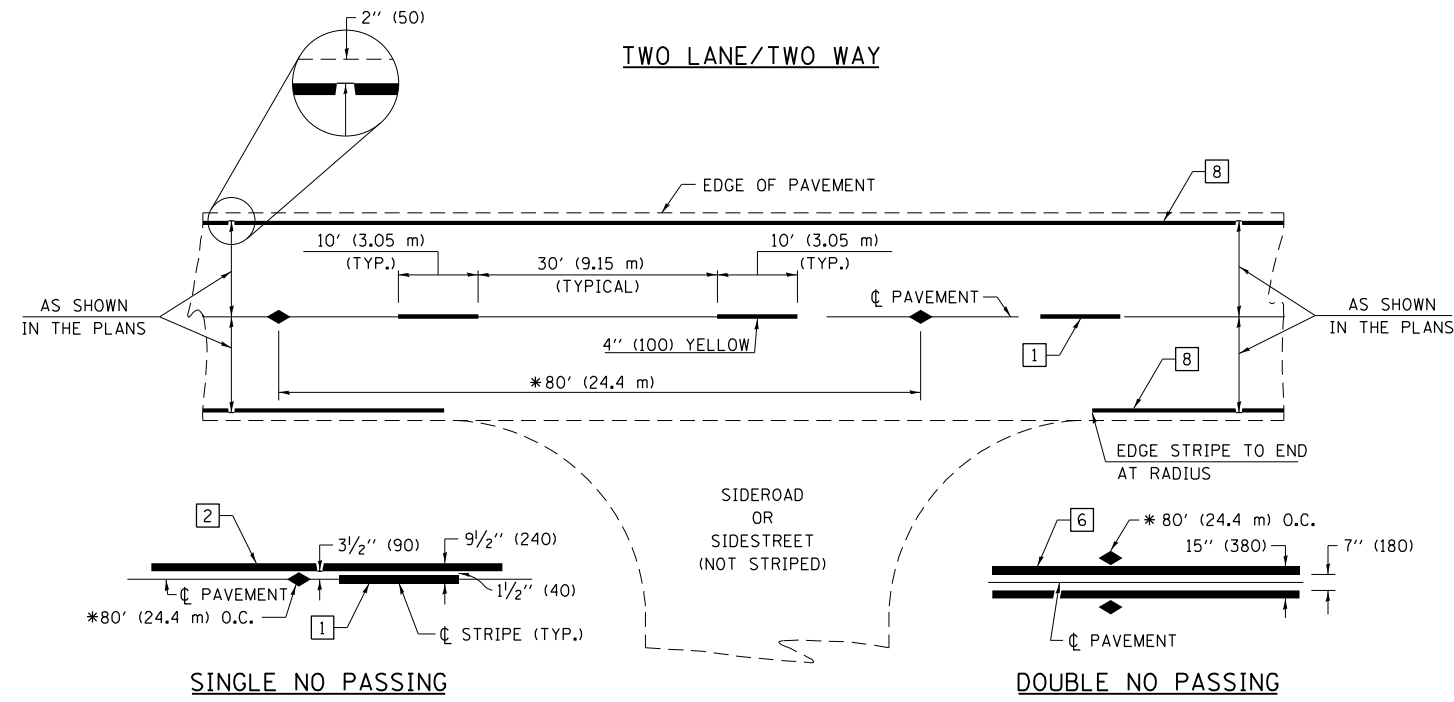
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PLOT DATE = 12/16/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

SCALE: SHEET OF SHEETS STA. 460+00 TO STA. 490+00

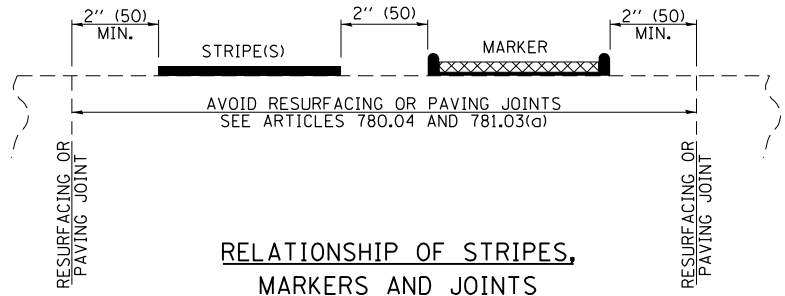
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74976	



PAVEMENT MARKING LEGEND

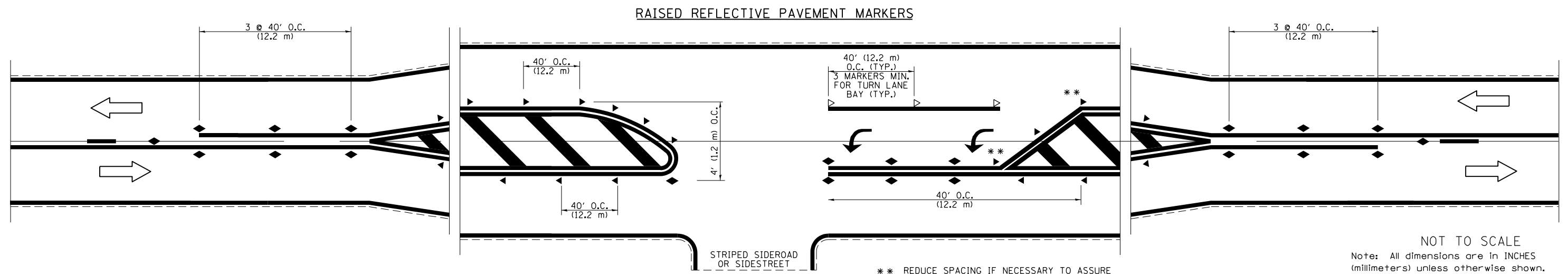
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 4" (100) DOUBLE YELLOW (WIDE)
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 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



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

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

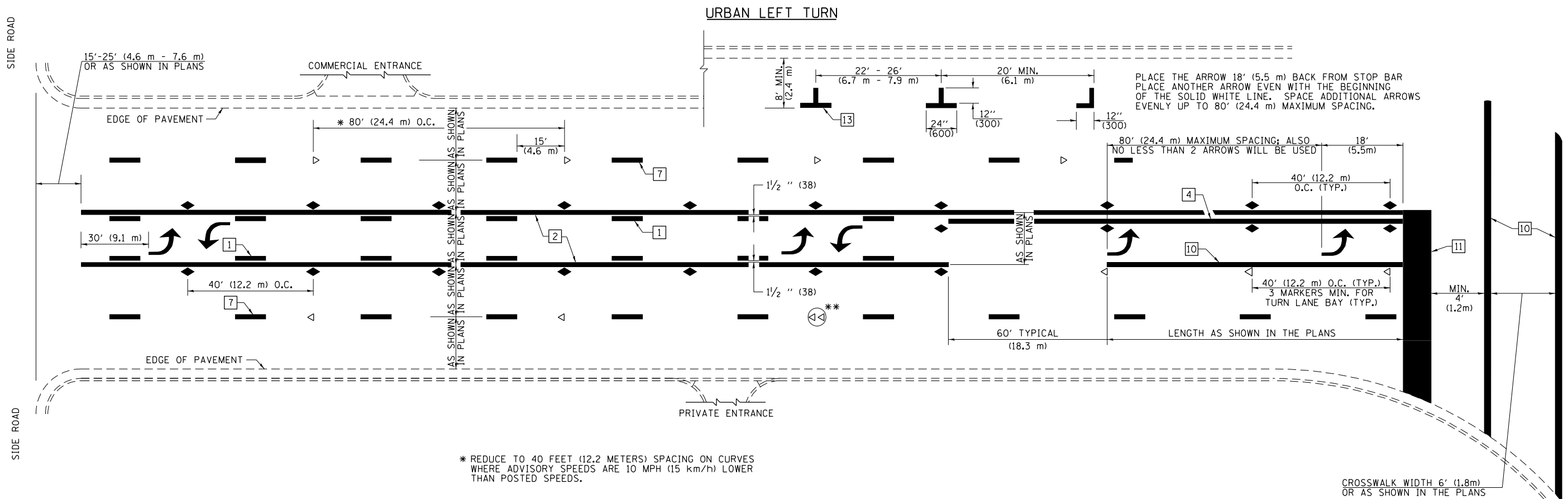
FILE NAME =	USER NAME = Mono.Steffen	DESIGNED -	REVISED - NAS 06/22
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PLOT SCALE = 100.0000' / in.		DATE -	REVISED -
PLOT DATE = 12/16/2022			

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.

DISTRICT 7 DETAIL NO. 78000001				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	25
CONTRACT NO. 74976				
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.

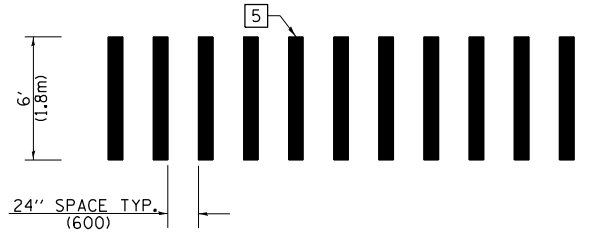
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

PAVEMENT MARKING LEGEND

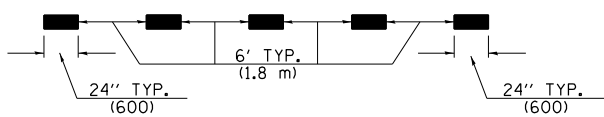
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 4" (100) DOUBLE YELLOW (WIDE)
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)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

GENERAL NOTES

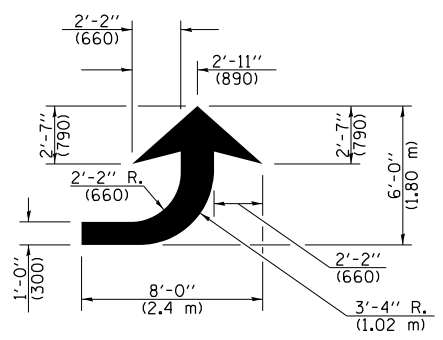
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE SECTION 780 FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.
6. ALL WHITE SKIP-DASH LINES SHALL BE 6" IN WIDTH.



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

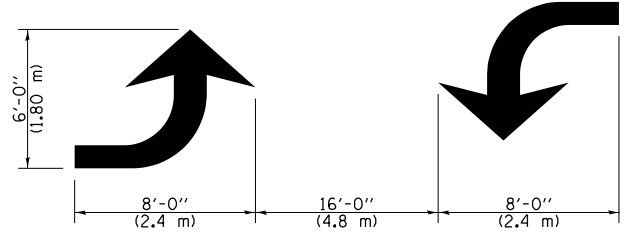


LANE LINE EXTENSIONS



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

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pw:\idot-pw\Bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74976\CADD\Drawings\74976-shd-details.dgn		CHECKED -	REVISED -
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -
PLOT DATE = 12/16/2022			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

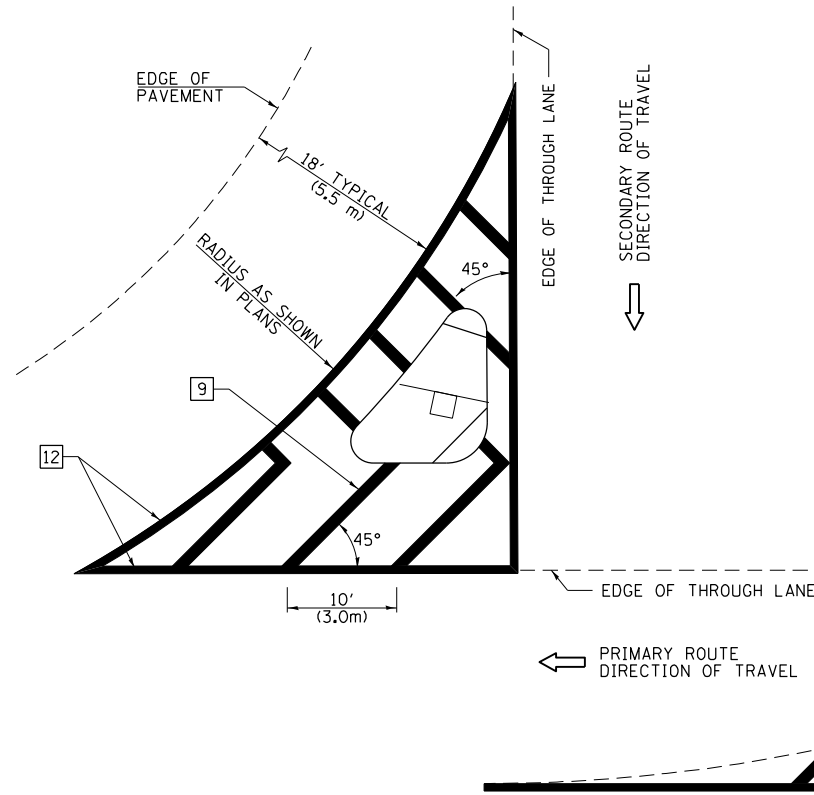
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	26
CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT				

ISLANDS

OPTION 1

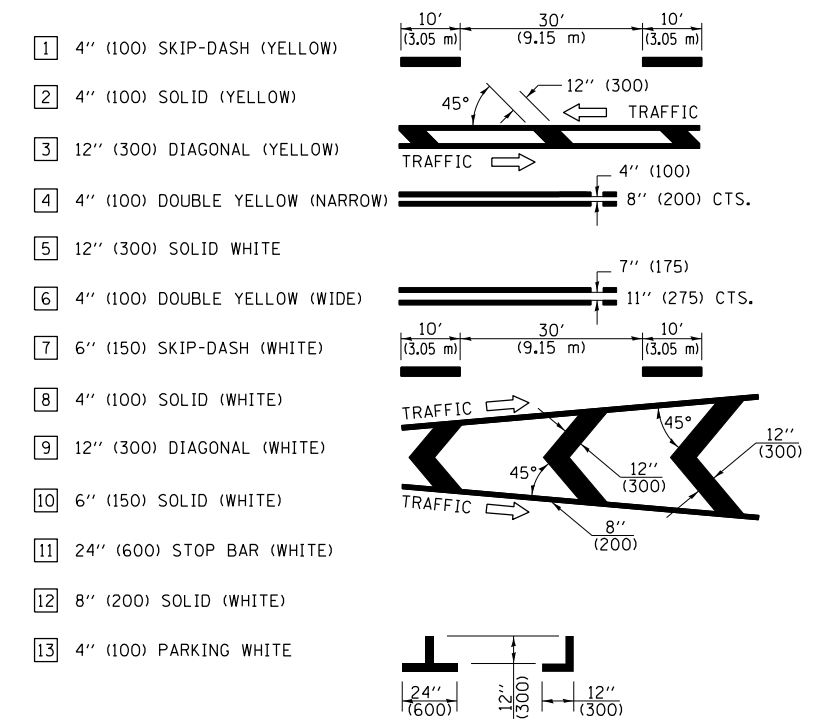


GENERAL NOTES

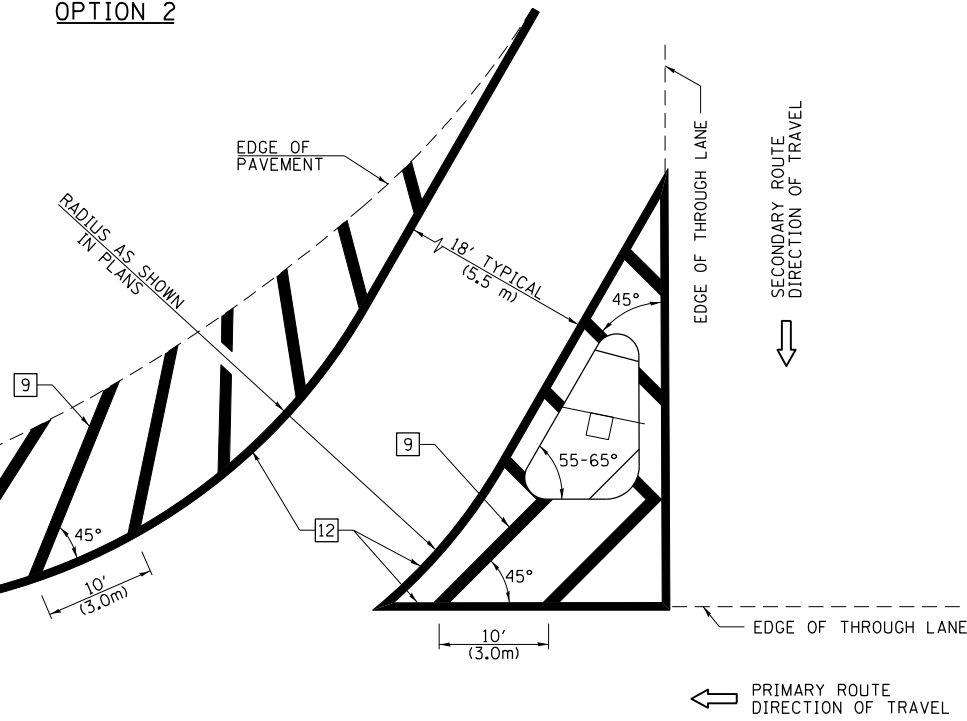
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2].
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED 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)
6. THE USE OF ISLAND STRIPING OPTION 1 OR OPTION 2 SHALL BE AS SHOWN ON THE PLANS.

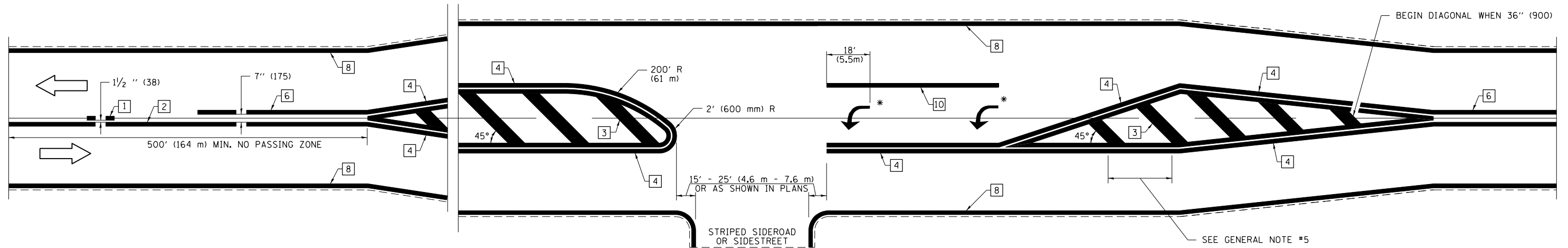
PAVEMENT MARKING LEGEND



OPTION 2



RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM END OF THE SOLID WHITE LINE. 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 = Mono.Steffen	DESIGNED -	REVISED - NAS 06/22
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

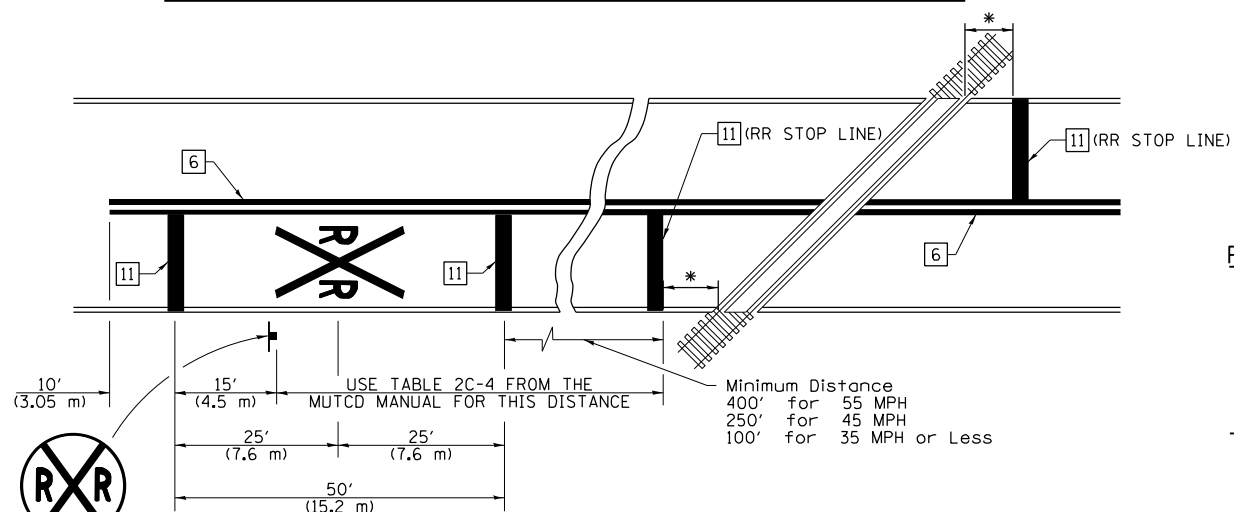
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	27
CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT				

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

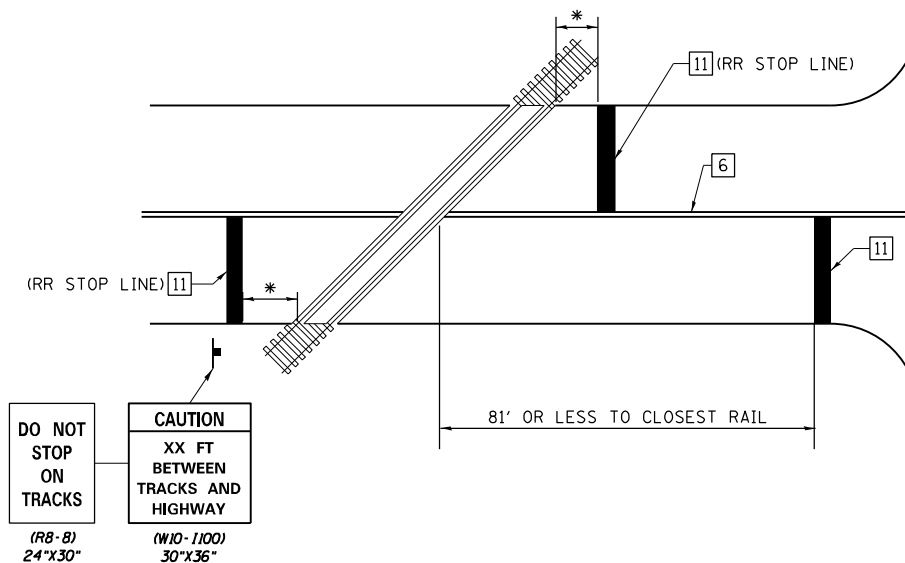
PAVEMENT MARKING LEGEND

- 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 4" (100) DOUBLE YELLOW (WIDE)
 - 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
-

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



RAILROAD CROSSING WITH NON-SIGNALIZED INTERSECTION

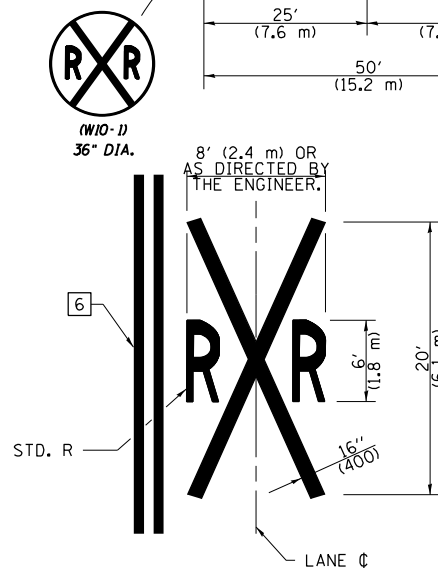


NOTES

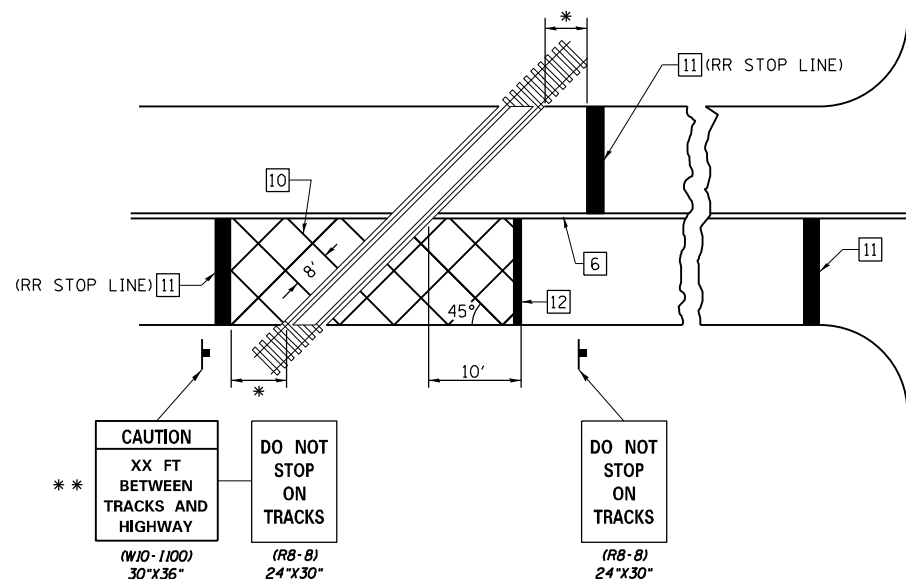
THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

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

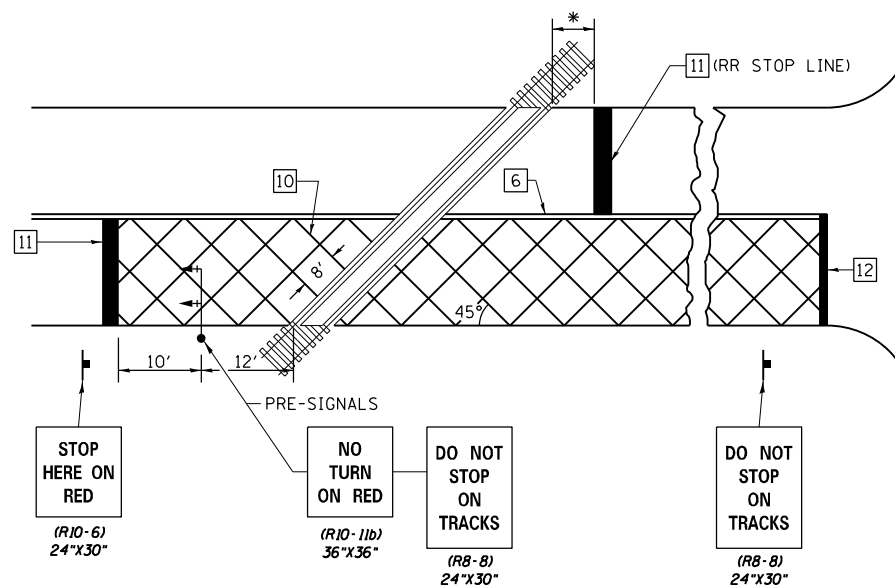
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



RAILROAD CROSSING WITH INTERCONNECT ONLY

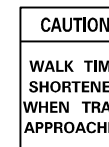


RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE PRE-SIGNALS ARE USED.
- WHEN PEDESTRIAN SIGNALS ARE PRESENT WITH INTERCONNECTED SIGNALS, WARNING SIGN W10-1101 (18"X24") SHALL BE PLACED NEAR EACH PEDESTRIAN SIGNAL HEAD. COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL NOT BE UTILIZED ALONG WITH INTERCONNECTED SIGNALS.
- PLEASE REFER TO THE IDOT BUREAU OF OPERATION MEMO OPS T-06 DATED DECEMBER 1, 2020 FOR ADDITIONAL INFORMATION.



* 15' FROM NEAR RAIL OR 8' FROM AND PARALLEL TO GATE IF PRESENT

** WARNING SIGN W10-1100 SHALL BE USED AS AN INTERIM MEASURE AT INTERCONNECTED SIGNAL LOCATIONS WHERE PRE-SIGNALS ARE TO BE INSTALLED IN THE FUTURE. THIS SIGN SHALL BE REMOVED WHEN THE PRE-SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS ARE EXTENDED TO THE INTERSECTION.

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

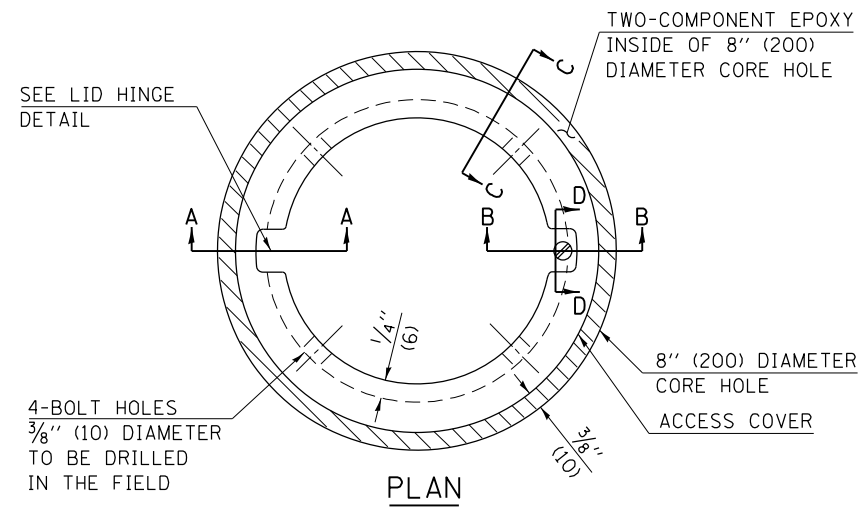
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PLOT SCALE = 100.0000' / in.		DATE -	REVISED -
PLOT DATE = 12/16/2022			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

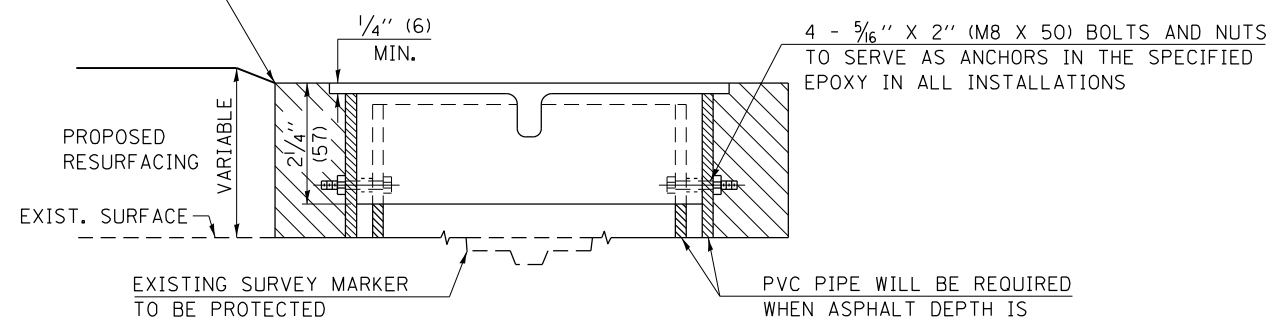
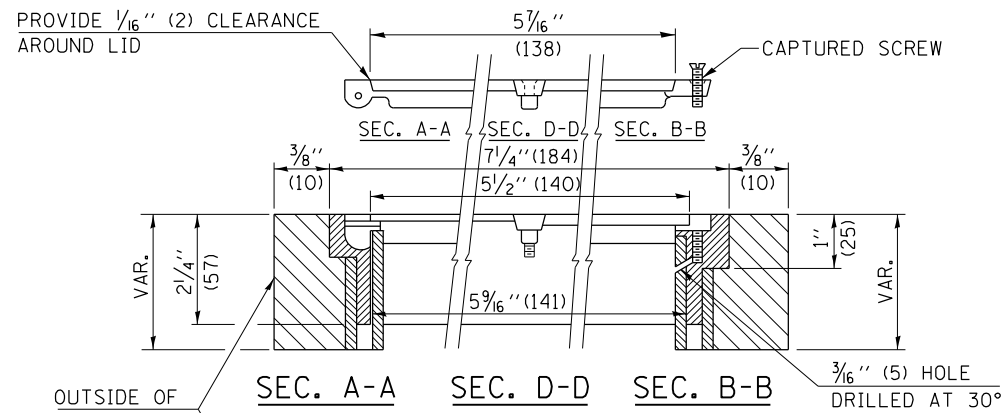
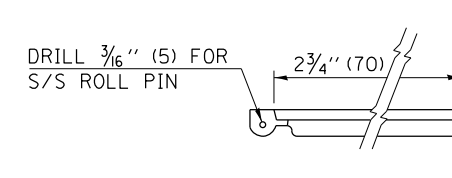
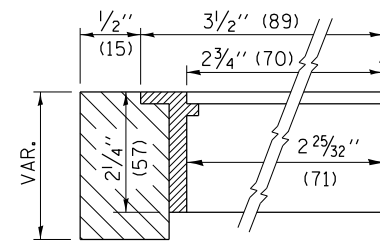
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	28
CONTRACT NO. 74976				
ILLINOIS FED. AID PROJECT				



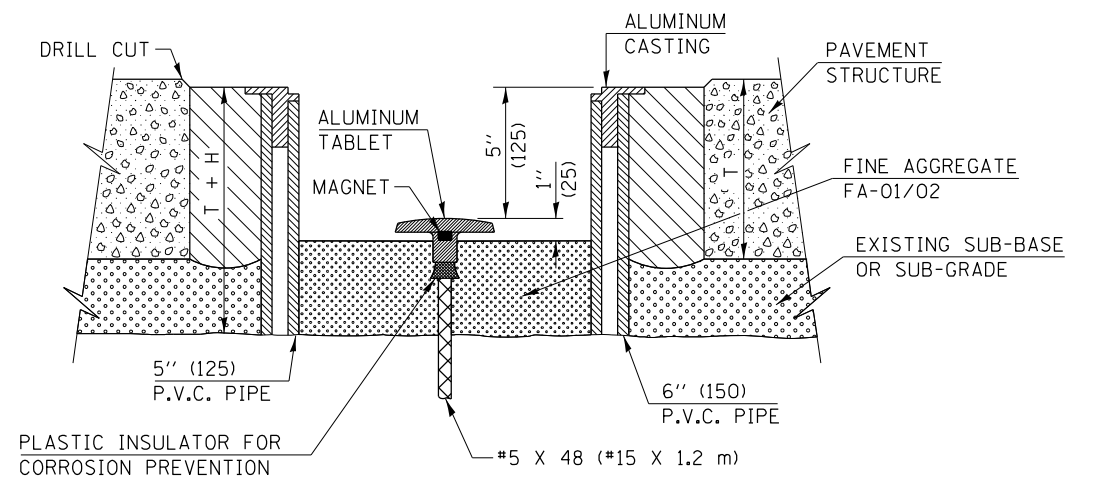
LEGEND

- 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.

DISTRICT 7 DETAIL NO. Z0070202

FILE NAME =	USER NAME = Mono.Steffen	DESIGNED -	REVISED - MAD 6-11
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PLOT SCALE = 100.0000' / 1"		DATE -	REVISED -
PLOT DATE = 12/16/2022			

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SURVEY MARKER VAULT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
741	(11,12)RS-1	MACON	29	29
CONTRACT NO. 74976				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				