

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.P. ROUTE 320 (IL. RTE. 121)
SECTION (134,135)RS-3
PROJECT ACNHPP - 0320 (041)
RESURFACING
MACON COUNTY
C-97-066-14

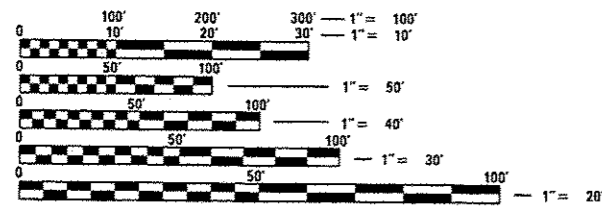
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	1
		ILLINOIS	CONTRACT NO. 74667	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PAVING OMISSIONS
STA. 479+01 TO STA. 480+74 (SN 058-0129)

PROJECT BEGINS:
STA. 439+24

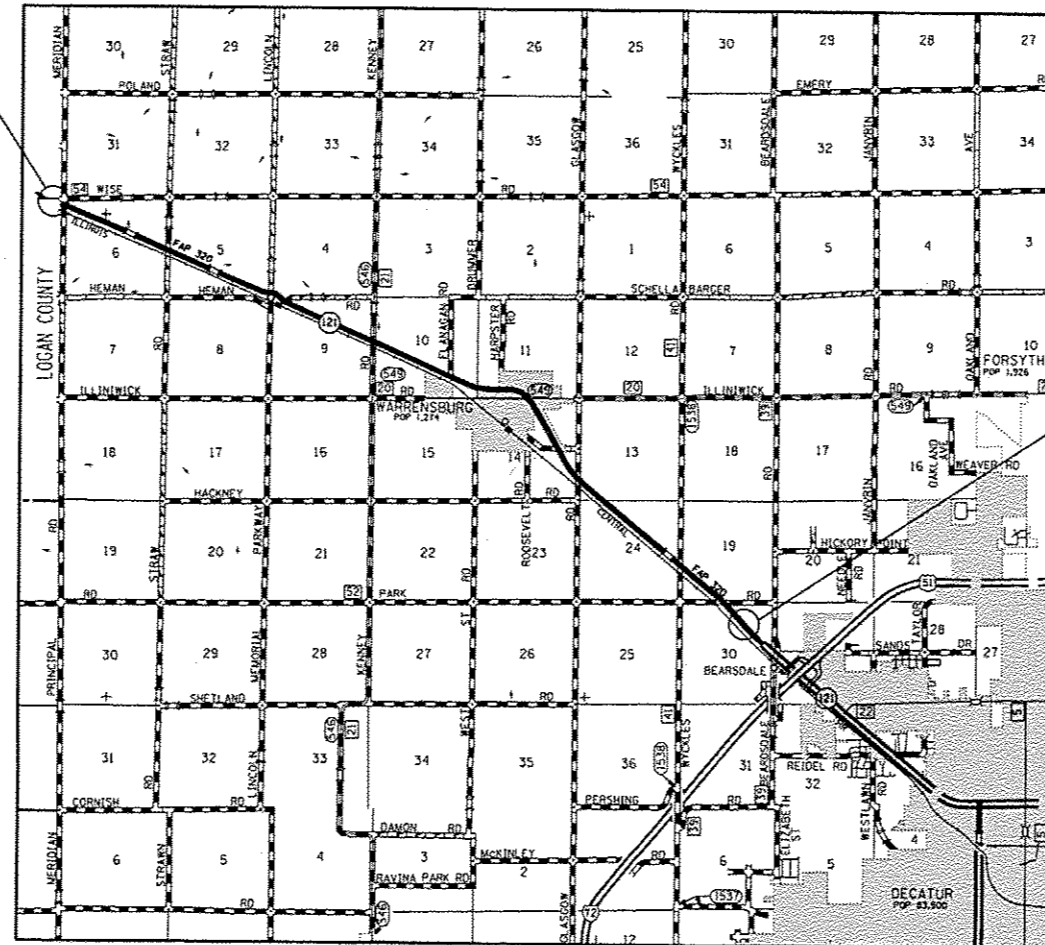
ADT = 4800 (2013)



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

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

PROJECT ENGINEER: TOM RONAN
PROJECT MANAGER: KALEB HIRTZEL
PHONE: (217)-342-8320
CONTRACT NO. 74667



PROJECT ENDS:
STA. 879+25

GROSS LENGTH = 44,001 FT. = 8.33 MILE
NET LENGTH = 43,828 FT. = 8.30 MILE



LOCATION OF SECTION INDICATED THIS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED *October 13 20 15*
Roger L. Durbin
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
Dec 4 20 15
Don D. Baranzelli
ENGINEER OF DESIGN AND ENVIRONMENT
Dec 4 20 15
Chris Osman
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
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10	SCHEDULE OF QUANTITIES
11	ENTRANCE SCHEDULE
12-26	PLAN SHEETS
27	REMOVAL PLAN
28	SIDEWALK DETAILS
29	CONSTRUCTION DETAILS
30-33	PAVEMENT MARKING DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 33 :

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-04	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS; THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012; AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THIS PROJECT IS LOCATED ON FAP ROUTE 320 (IL 121) IN MACON COUNTY, FROM THE LOGAN COUNTY LINE TO 0.6 MILES NORTHWEST OF I-72. THE WORK INCLUDED IN SECTION (134,135)RS-3 CONSISTS OF PAVEMENT PATCHING, MILLING, HOT-MIX ASPHALT RESURFACING, PCC SHOULDERS, AGGREGATE WEDGE SHOULDER, PAVEMENT MARKING, SIDEWALK RAMP REMOVAL AND REPLACEMENT, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED SURFACE, BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER AND HOT-MIX ASPHALT SURFACE COURSE AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND PAINT SHALL BE USED ON MILLED SURFACES.

THE TOTAL QUANTITY OF PAINT PAVEMENT MARKING-LINE 4" CONSISTS OF 88,002 FEET OF WHITE AND 16,040 FEET OF YELLOW.

THE TOTAL QUANTITY OF RAISED REFLECTIVE PAVEMENT MARKERS IS 548 TWO-WAY AMBER MARKERS.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE OR RAP. THE MATERIAL USED FOR AGGREGATE SURFACE COURSE, TYPE B AND SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

GENERAL NOTES (Cont'd)

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE ONLY AND THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE COST SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

ANY GRADING AND SHAPING REQUIRED TO MAINTAIN POSITIVE DRAINAGE FOR THE PROPOSED SIDEWALK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH.

ALL AREAS DISTURBED DUE TO THE CONSTRUCTION OF THE PROPOSED SIDEWALK SHALL BE SEEDED. SEEDING, CLASS 2 WITH NITROGEN, PHOSPHOROUS AND POTASSIUM FERTILIZERS SHALL BE UTILIZED PER SECTION 250 OF THE STANDARD SPECIFICATIONS. SEEDING SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH.

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

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

THE HMA SURFACE REMOVAL AND RESURFACING SHALL BE DONE IN A MANNER THAT DOES NOT RESULT IN A GREATER ELEVATION DIFFERENTIAL BETWEEN OPEN LANES THAN ALLOWED BY ARTICLE 701.07 OF THE STANDARD SPECIFICATIONS.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE:	SURFACE COURSE	LEVEL BINDER
PG GRADE:	SBS PG 70-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = N90	4.0% @ NDESIGN = 90
MIXTURE COMPOSITION:	1L-9.5	1L-9.5
FRICITION AGGREGATE:	MIXTURE D	N/A

MIXTURE USE:	INCIDENTAL	CLASS D PATCHING
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	1L-9.5	1L-19.0
FRICITION AGGREGATE:	MIXTURE C	N/A

MIXTURE USE:	HMA SHOULDERS (2 1/4")	PARTIAL DEPTH PATCHING
PG GRADE:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ NDESIGN = 70	4.0% @ NDESIGN = 70
MIXTURE COMPOSITION:	1L-19.0	1L-19.0
FRICITION AGGREGATE:	MIXTURE C	N/A

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

AGGREGATE SURFACE COURSE	2.05 TONS/CU YD
AGGREGATE WEDGE SHOULDERS	2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.05 LBS/SQ FT (MILLED SURFACE)
	0.025 LBS/SQ FT (BETWEEN HMA LIFTS)
HOT-MIX ASPHALT	112 LBS/SQ YD/INCH

FILE NAME =	USER NAME = gseffanm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 1/8" = 1' / 1"		DATE -	REVISED -			CONTRACT NO. 74667					
Default						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		
20200500	EARTH EXCAVATION (WIDENING)	CU YD	10	10		
35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SO YD	44	44		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	41	41		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	98943	98943		
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	6092	6092		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	564	564		
40600990	TEMPORARY RAMP	SO YD	81	81		
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	12195	12195		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	215	215		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SO FT	199	199		
42400800	DETECTABLE WARNINGS	SO FT	20	20		
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SO YD	146556	146556		
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	222	222		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
44000600	SIDEWALK REMOVAL	SO FT	195	195		
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SO YD	39	39		
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SO YD	11	11		
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SO YD	21	21		
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	1568	1568		
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	428	428		
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SO YD	855	855		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	8672	8672		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	245	245		
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	18	18		
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4	4		
67100100	MOBILIZATION	LSUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1		

80% FED
20% STATE

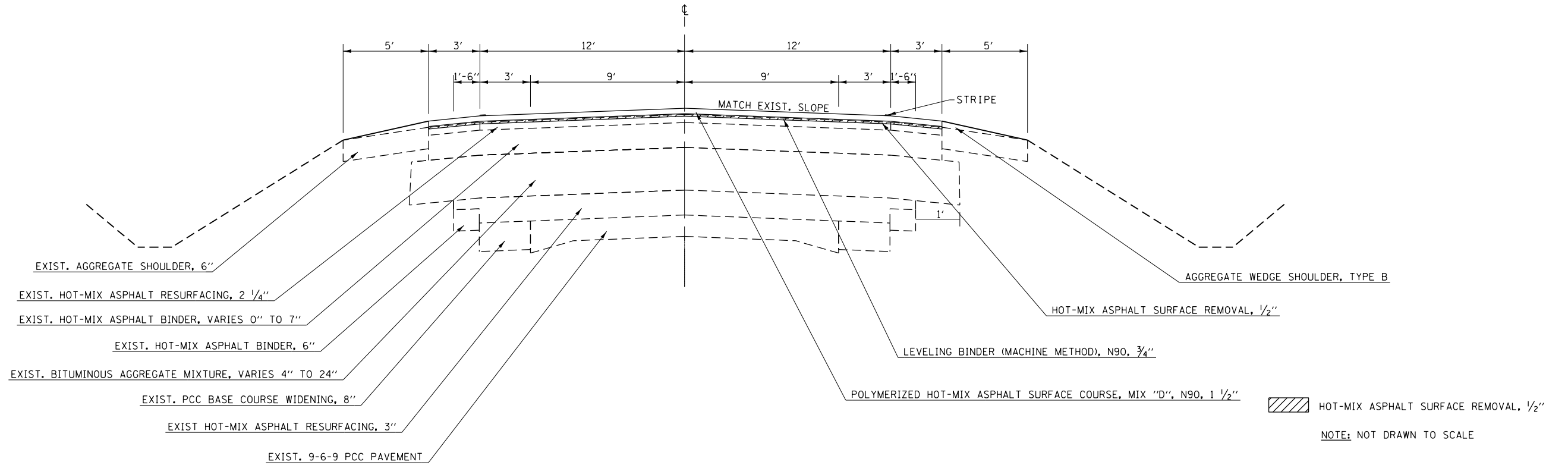
80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
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70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	2	2		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	17817	17817		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	1485	1485		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	82	82		
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	104042	104042		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	548	548		
X4406210	PARTIAL DEPTH REMOVAL, TYPE II, VARIABLE DEPTH	SO YD	196	196		
X4406410	PARTIAL DEPTH REMOVAL, TYPE III, VARIABLE DEPTH	SO YD	487	487		
X4406610	PARTIAL DEPTH REMOVAL, TYPE IV, VARIABLE DEPTH	SO YD	9057	9057		

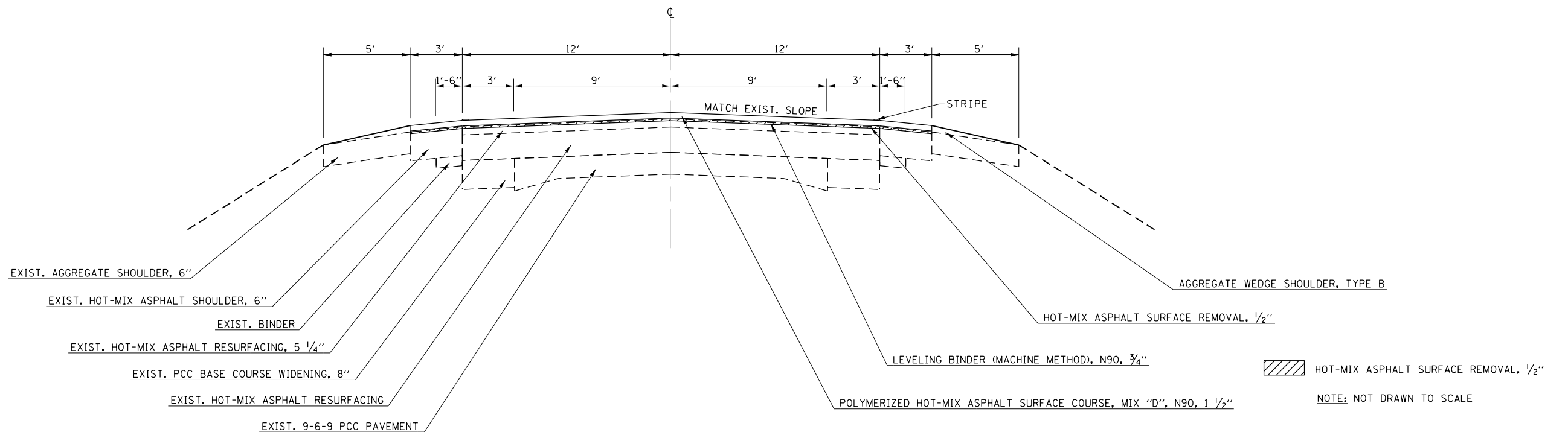
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
X4421000	PARTIAL DEPTH PATCHING	TON	4189	4189		
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	82	82		

* SPECIALTY ITEM

① TYPICAL CROSS SECTION
STA. 439+24 TO STA. 459+48 ②



② TYPICAL CROSS SECTION
① STA. 459+48 TO STA. 474+62 ③
③ STA. 485+22 TO STA. 528+54 ⑤
⑤ STA. 529+04 TO STA. 680+55 ⑥
⑥ STA. 680+85 TO STA. 689+33 ⑦

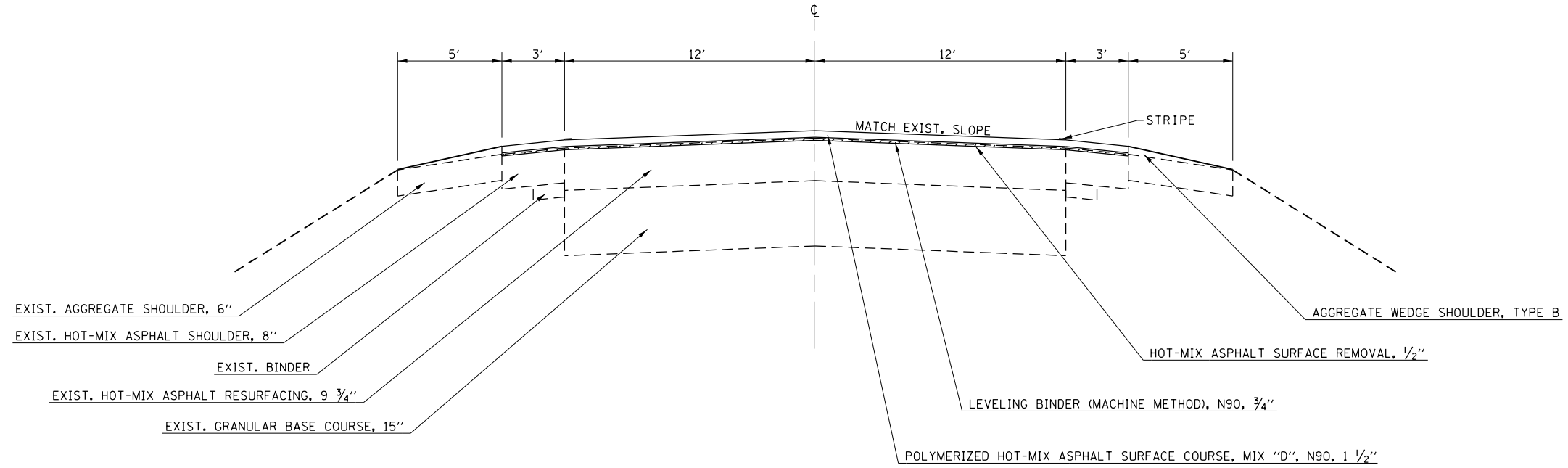


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							ILLINOIS FED. AID PROJECT					

③ TYPICAL CROSS SECTION

② STA. 474+62 TO STA. 476+20 ④

④ STA. 483+36 TO STA. 485+22 ②

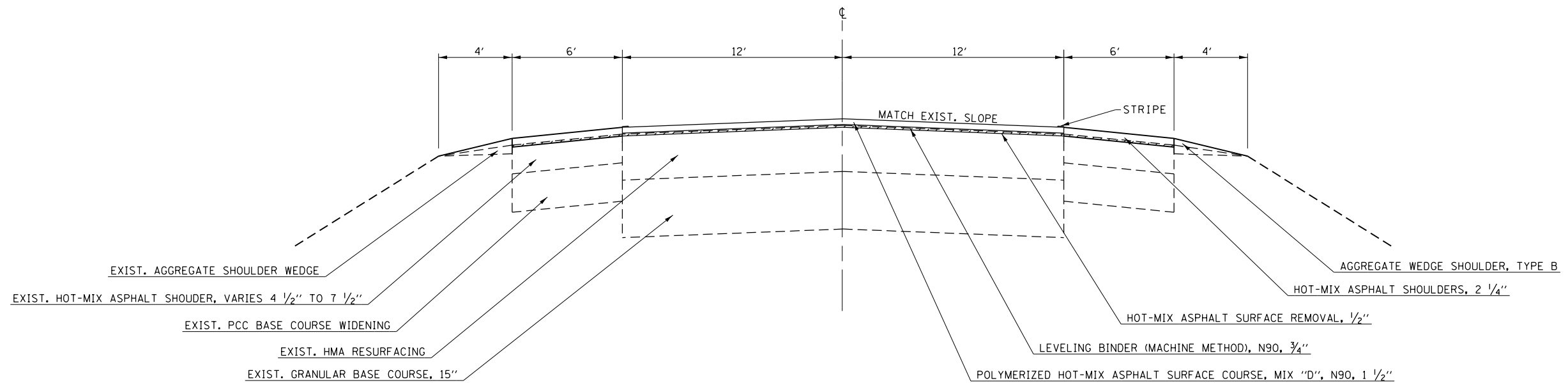


HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOTE: NOT DRAWN TO SCALE

④ TYPICAL CROSS SECTION

③ STA. 476+20 TO STA. 483+36 ③



HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOTE: NOT DRAWN TO SCALE

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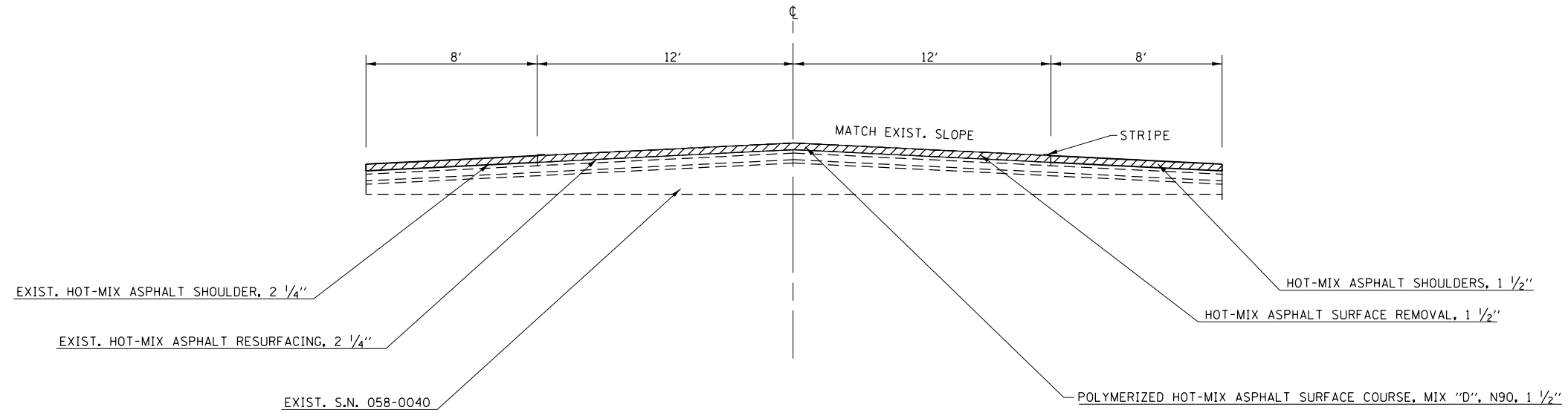
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DEPARTMENT OF TRANSPORTATION


TYPICAL CROSS SECTIONS

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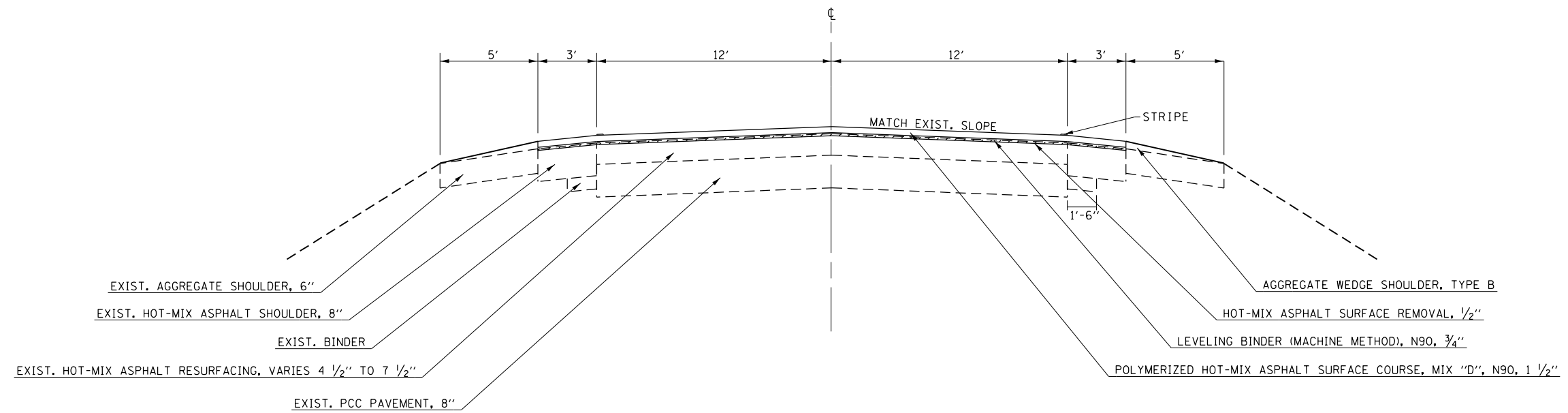
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CONTRACT NO. 74667			ILLINOIS FED. AID PROJECT	


⑤ TYPICAL CROSS SECTION
 ② STA. 528+54 TO STA. 529+04 ②



 HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 NOTE: NOT DRAWN TO SCALE

⑥ TYPICAL CROSS SECTION
 ② STA. 680+55 TO STA. 680+85 ②



 HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"
 NOTE: NOT DRAWN TO SCALE

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

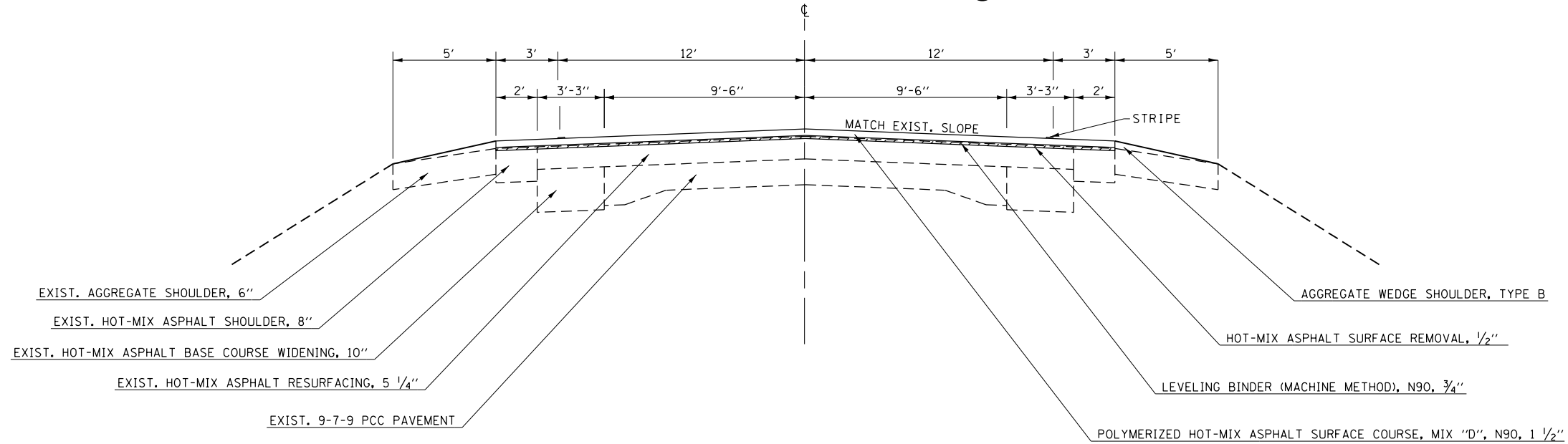
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	7
CONTRACT NO. 74667			ILLINOIS FED. AID PROJECT	

⑦ TYPICAL CROSS SECTION

② STA. 689+33 TO STA. 815+95 ⑧

⑧ STA. 822+77 TO STA. 878+22 ⑩



NOTES:

PROPOSED PCC BASE COURSE WIDENING FROM STA. 715+97 RT TO STA. 716+05 RT AND FROM STA. 716+07 LT TO STA. 716+83 LT. SEE REMOVAL PLAN & SIDEWALK DETAIL SHEETS FOR FURTHER DETAILS.

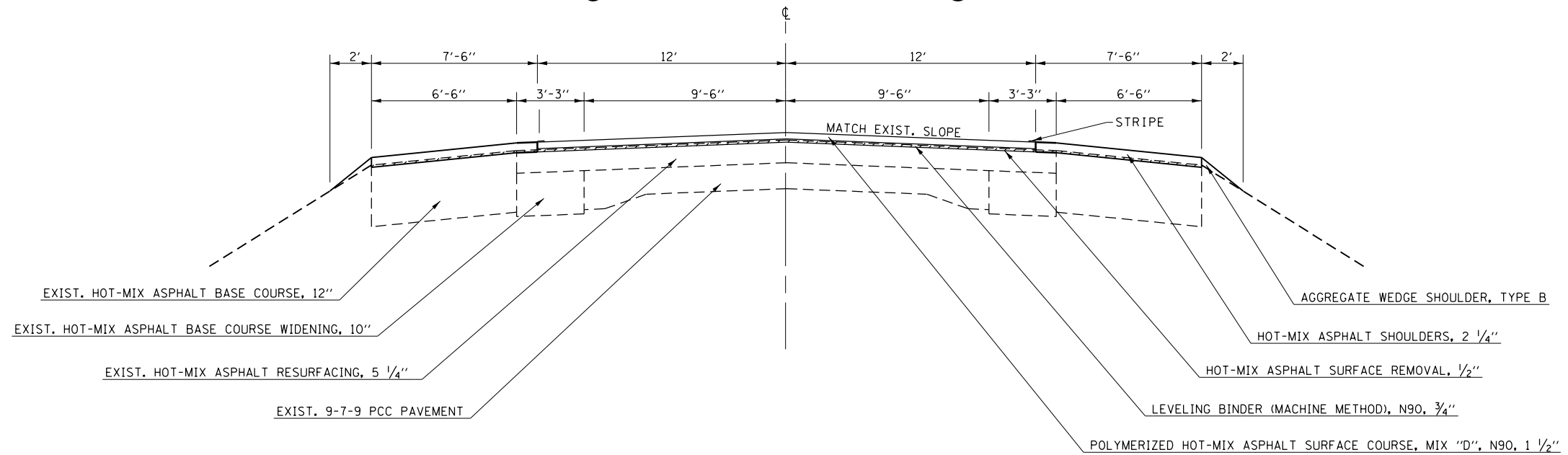
HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOTE: NOT DRAWN TO SCALE

⑧ TYPICAL CROSS SECTION

⑦ STA. 815+95 TO STA. 819+03 ⑨

⑨ STA. 819+91 TO STA. 822+77 ⑦



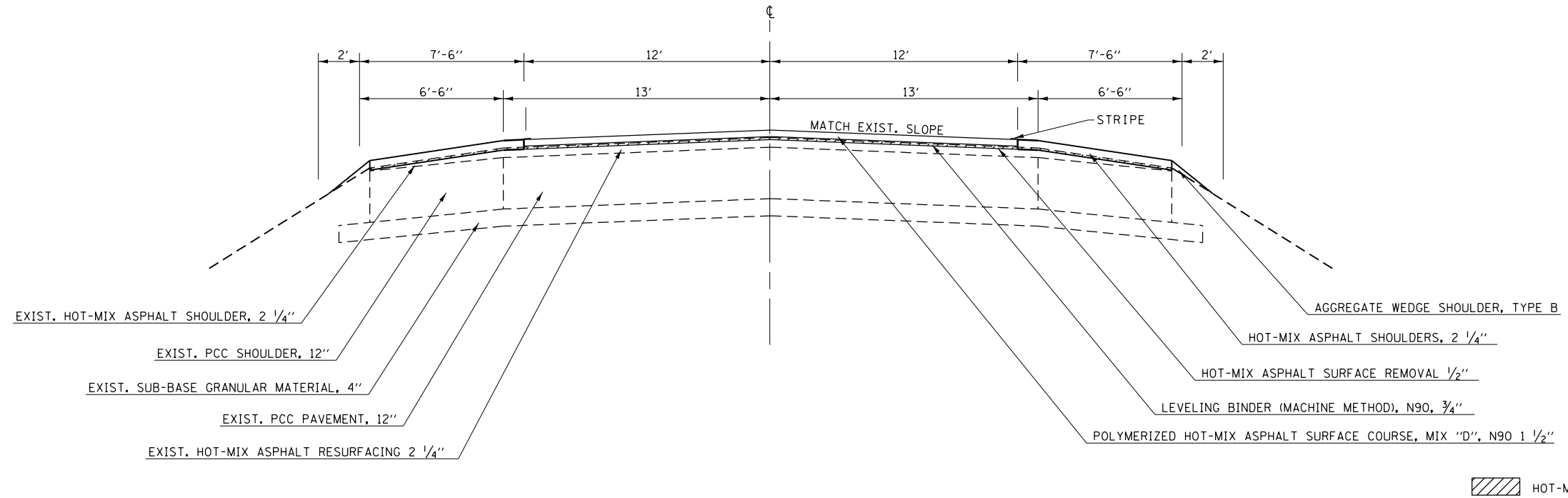
HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOTE: NOT DRAWN TO SCALE

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	PLOT DATE = 10/14/2015	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

⑨ TYPICAL CROSS SECTION

⑧ STA. 819+03 TO STA. 819+91 ⑧

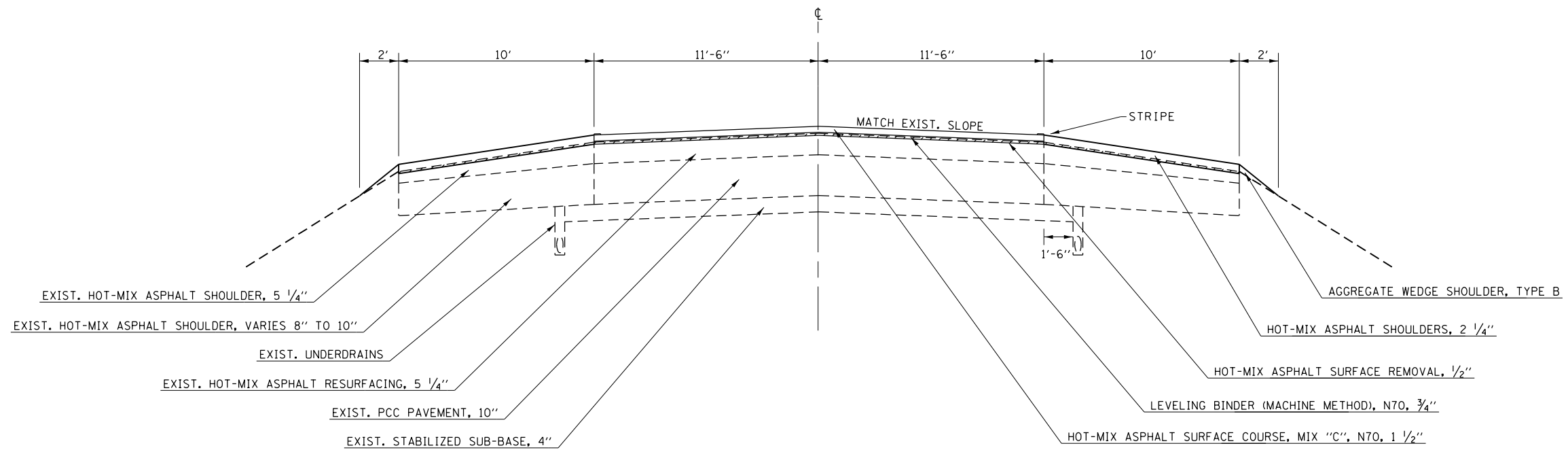


HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOTE: NOT DRAWN TO SCALE

⑩ TYPICAL CROSS SECTION

⑦ STA. 878+22 TO STA. 879+25



HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"

NOTE: NOT DRAWN TO SCALE

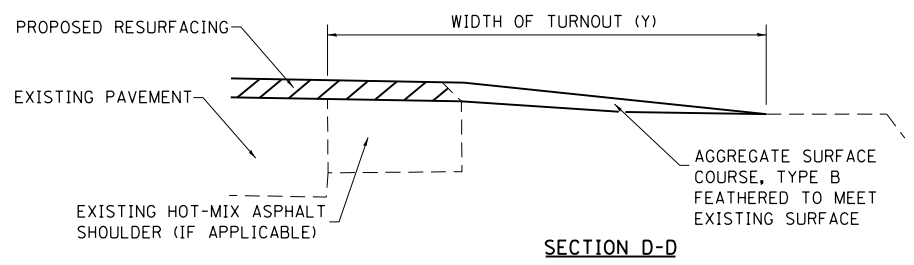
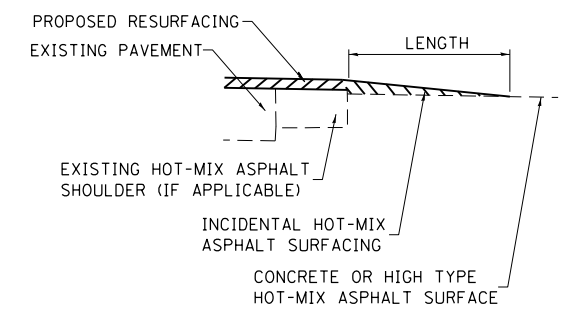
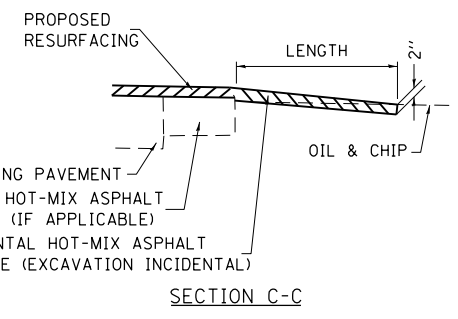
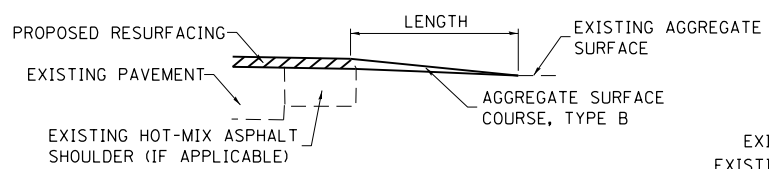
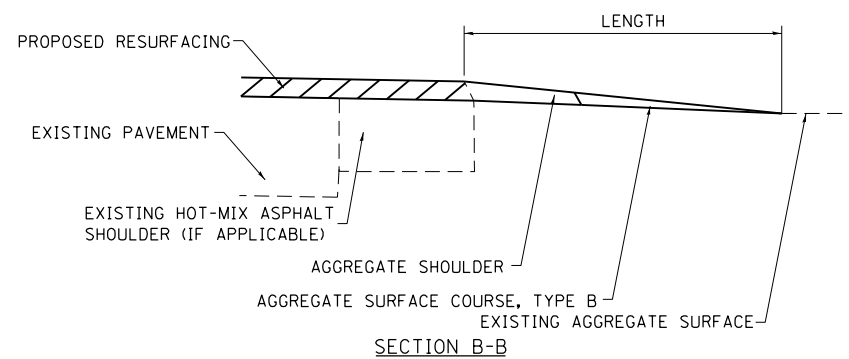
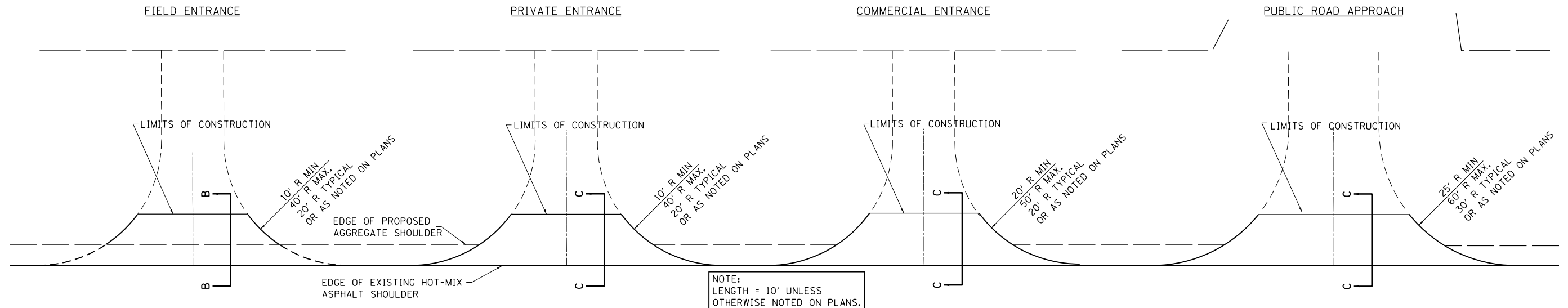
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: N/A			SHEET 5 OF 5 SHEETS STA. TO STA.				
	PLOT DATE = 10/14/2015	DATE -	REVISED -		CONTRACT NO. 74667 ILLINOIS FED. AID PROJECT							

RESURFACING SCHEDULE			LENGTH	WIDTH	AREA	TEMPRARY RAMP	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	BITUMINOUS MATERIALS (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N90	POLYMERIZED HOT-MIX ASPHALT SURFACE, MIX "D", N90	EARTH EXCAVATION (WIDENING)	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	HOT-MIX ASPHALT SHOULDERS	AGGREGATE WEDGE SHOULDER, TYPE B
STATION	TO	STATION	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	POUND	TON	TON	CU YD	SQ YD	TON	TON
439+24	TO	439+59	35	30	116.7	16.7	116.7	-	-	78.8	4.9	9.8	-	-	-	7.8
439+59	TO	476+20	3661	30	12203.3	-	-	12203.3	-	8237.3	512.5	1025.1	-	-	-	756.7
476+20	TO	478+66	246	36	984.0	-	-	984.0	-	590.4	27.6	55.1	-	-	41.3	43.6
478+66	TO	479+01	35	36	140.0	20.0	140.0	-	-	84.0	3.9	7.8	-	-	-	6.2
479+01	TO	480+74	173	-	-	STR OMISSION										
480+74	TO	481+09	35	36	140.0	20.0	140.0	-	-	84.0	3.9	7.8	-	-	-	6.2
481+09	TO	483+36	227	36	908.0	-	-	908.0	-	544.8	25.4	50.8	-	-	38.1	40.2
483+36	TO	528+54	4518	30	15060.0	-	-	15060.0	-	10165.5	632.5	1265.0	-	-	-	976.8
528+54	TO	529+04	50	40	222.2	-	-	-	222.2	100.0	-	11.2	-	-	3.6	0.0
529+04	TO	815+95	28691	30	95636.7	-	-	95636.7	-	64554.8	4016.7	8033.5	10.0	44.0	-	5642.6
815+95	TO	822+77	682	39	2955.3	-	-	2955.3	-	1739.1	76.4	152.8	-	-	143.2	60.4
822+77	TO	878+22	5545	30	18483.3	-	-	18483.3	-	12476.3	776.3	1552.6	-	-	-	1122.3
878+22	TO	878+90	68	43	324.9	-	-	324.9	-	190.4	7.6	15.2	-	-	19.0	6.0
878+90	TO	879+25	35	43	167.2	23.9	167.2	-	-	98.0	3.9	7.8	-	-	-	3.1
TOTALS:			44001	-	147342	81	564	146556	222	98943	6092	12195	10	44	245	8672

SIDEWALK SCHEDULE				
STATION	SIDE	SQ FT	SQ FT	SQ FT
716+02	RT	98	104	10
716+13	LT	97	95	10
TOTALS:		195	199	20

PERMANENT SURVEY MARKERS, TYPE I					
STATION (ENGLISH)	STATION (METRIC)	OFFSET (FOOT)	POINT TYPE	DESCRIPTION	QUANTITY (EACH)
443+87	0+000	0	POT	ALUM. IDOT DISK	1
490+07	1+407.522	0	PI	ALUM. IDOT DISK	1
509+53	2+000.000	0	PI	ALUM. IDOT DISK	1
548+89	3+204.645	0	PC	ALUM. IDOT DISK	1
555+03	3+386.598	0	PT	ALUM. IDOT DISK	1
558+61	3+495.640	0	PC	ALUM. IDOT DISK	1
566+22	3+729.297	0	PT	ALUM. IDOT DISK	1
570+05	3+845.348	0	PC	ALUM. IDOT DISK	1
575+81	4+020.881	0	PT	ALUM. IDOT DISK	1
665+82	6+760.665	0	PC	ALUM. IDOT DISK	1
685+52	7+365.303	0	PT	ALUM. IDOT DISK	1
695+33	7+666.573	0	PC	ALUM. IDOT DISK	1
709+89	8+109.343	0	PT	ALUM. IDOT DISK	1
747+38	9+252.082	0	PC	ALUM. IDOT DISK	1
761+38	9+674.510	0	PT	ALUM. IDOT DISK	1
849+98	12+377.110	0	PC	ALUM. IDOT DISK	1
859+94	12+680.843	0	PT	ALUM. IDOT DISK	1
869+05	12+958.818	0	PC	ALUM. IDOT DISK	1
TOTAL =					18

PAVEMENT MARKING SCHEDULE									
STATION	TO	STATION	FEET	FOOT	SQ FT	FOOT	FOOT	FOOT	EACH
439+24	TO	554+46	11522	4699.5	391.6	25924.5	-	-	142
554+46	TO	558+44	398	159.2	13.3	1293.5	-	-	5
558+44	TO	564+76	632	252.8	21.1	2528.0	-	-	8
564+76	TO	569+53	477	190.8	15.9	1550.3	-	-	6
569+53	TO	682+79	11326	4530.4	377.5	25483.5	-	-	141
682+79	TO	695+52	1273	509.2	42.4	4137.3	-	-	16
695+52	TO	698+47	295	118.0	9.8	1180.0	-	-	4
698+47	TO	708+76	1029	411.6	34.3	3344.3	-	-	13
708+76	TO	876+85	16809	6832.7	569.4	37820.3	82.0	82.0	210
876+85	TO	879+25	240	112.5	9.4	780.0	-	-	3
TOTALS:			44001	17817	1485	104042	82	82	548



TYPICAL SECTION AT MAILBOX TURNOUT
NOTE: SEE STANDARD 406201 FOR MAILBOX TURNOUT DETAILS

NOTES

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

THE COST OF EXCAVATION IS INCLUDED IN THE PAY ITEM INCIDENTAL HOT-MIX ASPHALT SURFACING.

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

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
LT	442+83	FE		0.9
LT	443+90	PRA	4.4	
RT	443+90	PRA	4.4	
LT	444+72	FE		0.7
LT	474+00	PE	3.2	
RT	474+28	FE		0.9
LT	485+72	FE		1.1
LT	503+37	PRA	2.9	
RT	503+33	PRA	2.9	
LT	512+58	FE		0.9
LT	525+03	FE		0.9
LT	532+03	FE		0.7
LT	546+97	FE		0.9
LT	560+99	PRA	7.0	
RT	560+99	PRA	2.9	
RT	563+31	PE	2.2	
LT	564+13	PRA	2.5	
LT	569+55	CE	6.3	
LT	573+92	CE	5.4	

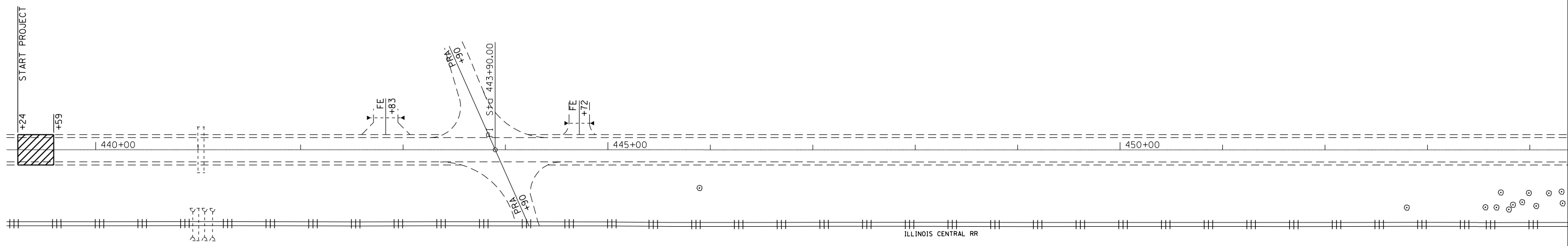
SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
LT	591+46	FE		0.9
LT	604+42	FE		0.9
RT	604+42	FE		0.9
LT	620+16	PRA	4.3	
RT	620+18	PRA	5.1	
LT	623+51	FE		0.9
LT	634+92	FE		0.9
LT	649+70	FE		0.9
LT	664+24	PRA	3.5	
RT	675+94	CE	1.9	
RT	677+59	CE		2.5
RT	678+23	CE		2.9
LT	678+30	FE		0.9
LT	684+15	FE		0.9
RT	684+16	FE		0.9
LT	691+56	PRA	2.9	
RT	691+60	PRA	2.6	
RT	692+59	PE		2.1
RT	694+77	PE	2.1	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
RT	695+16	MBT	1.2	
LT	694+81	FE		0.9
RT	697+99	PE	2.0	
RT	698+08	MBT	1.2	
RT	701+43	PE	2.0	
RT	701+58	MBT	1.2	
RT	704+35	PE	1.7	
LT	705+02	FE		0.9
LT	706+74	PE	4.0	
RT	707+21	PRA	6.0	
RT	707+21	PRA	5.2	
LT	710+71	CE		6.1
RT	711+29	CE	3.6	
RT	712+15	CE	4.2	
LT	712+58	CE	2.7	
RT	712+96	CE	3.8	
LT	713+61	CE	3.2	
LT	714+95	CE	2.4	
LT	716+90	PRA	5.1	

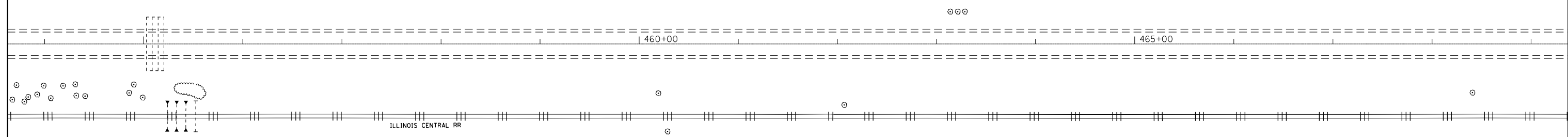
SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
RT	716+91	PRA	7.0	
RT	718+62	CE	4.7	
LT	719+30	CE	3.8	
RT	719+83	CE	2.2	
LT	720+98	CE	3.8	
LT	723+64	CE	5.0	
LT	730+72	CE	3.3	
LT	732+48	CE	3.2	
LT	733+40	CE	5.3	
LT	734+54	CE	3.9	
LT	735+61	CE	3.5	
RT	735+92	CE	3.3	
LT	737+60	PRA	2.4	
RT	737+60	PRA	4.1	
LT	738+85	FE		0.9
RT	738+85	FE		0.9
RT	741+34	CE	2.3	
LT	745+69	FE		1.2
LT	756+65	PRA	7.0	

SIDE	STATION	TYPE	INCIDENTAL HOT-MIX ASPHALT SURFACING	
			TON	TON
RT	756+65	PRA	5.6	
LT	761+16	FE		0.9
LT	791+31	FE		0.9
RT	791+99	FE		0.9
LT	806+23	FE		0.9
LT	826+32	PRA	7.0	
RT	826+34	PRA	8.5	
RT	834+16	FE		0.9
LT	834+24	FE		0.9
LT	850+60	FE		0.9
LT	855+30	PRA	5.6	
RT	855+30	PRA	7.6	
RT	873+46	FE		0.9
LT	873+47	FE		0.9
TOTALS:			215	41

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

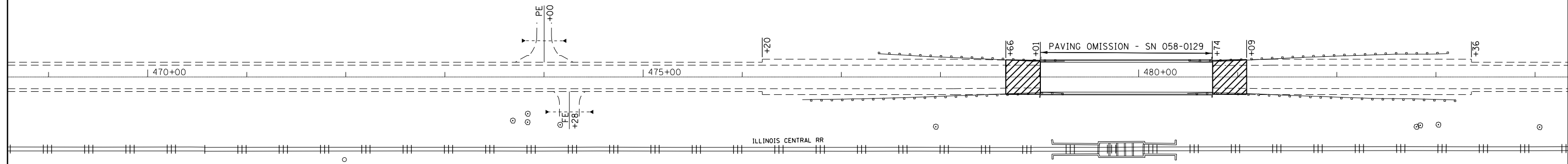


- HMA SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"

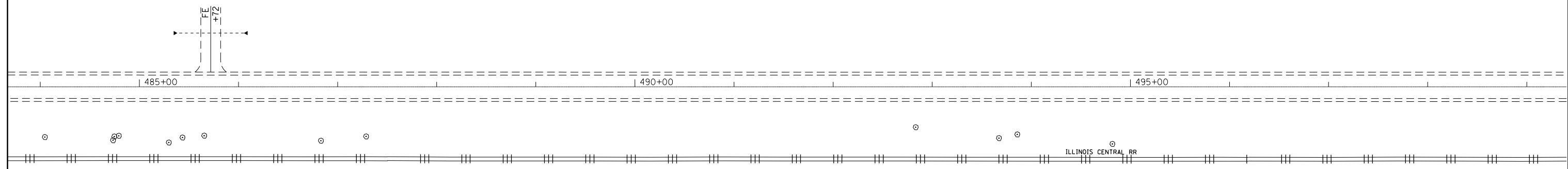


- HMA SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"

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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74667			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/13/2015	DATE -	REVISED -		SCALE: 50	SHEET 1	OF 15 SHEETS	STA. 439+24	TO STA. 469+00			

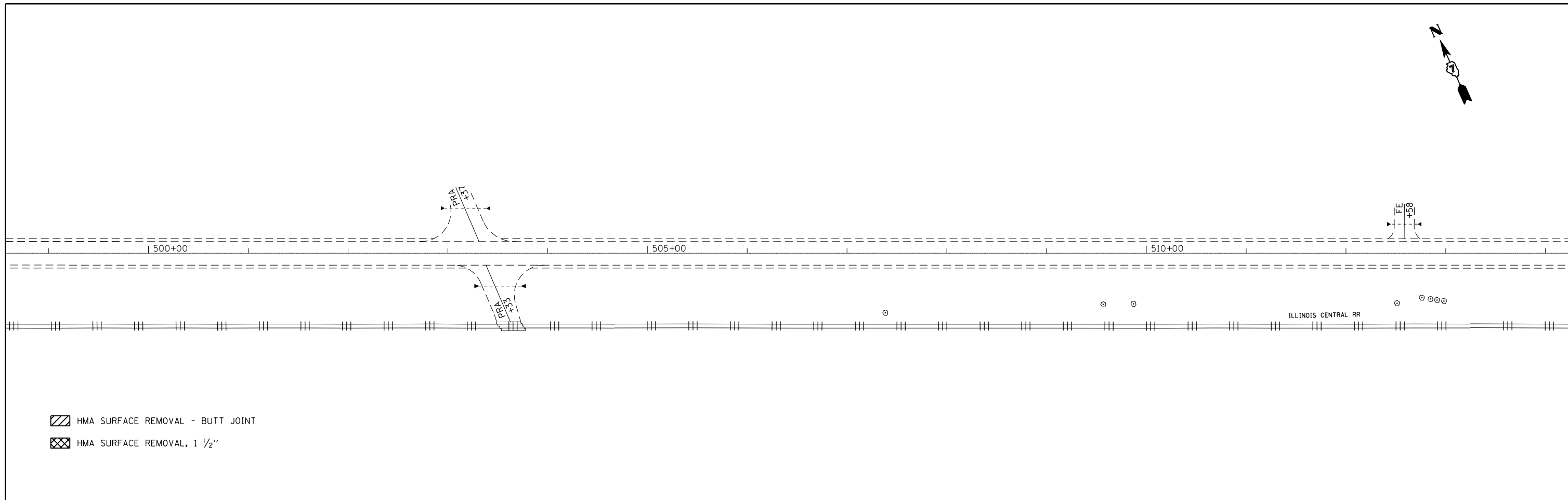




- HMA SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"

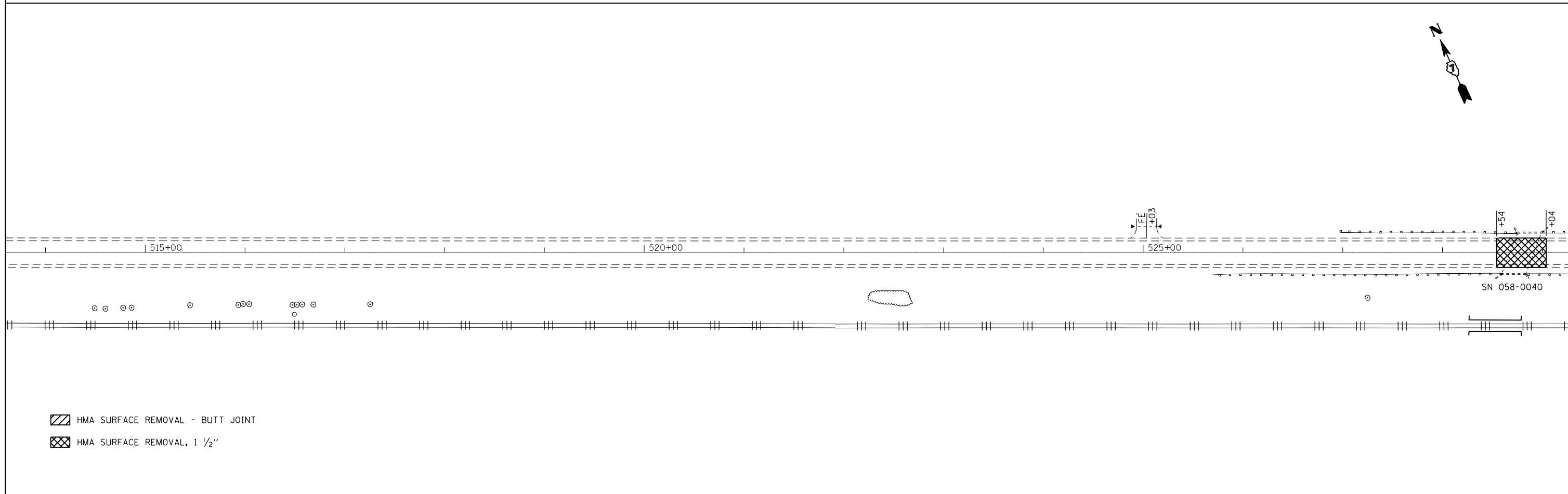




- HMA SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"

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					SCALE: 50 SHEET 2 OF 15 SHEETS STA. 469+00 TO STA. 499+00			320	(134,135)RS-3	MACON	33	13
								CONTRACT NO. 74667				
Default								ILLINOIS FED. AID PROJECT				



-  HMA SURFACE REMOVAL - BUTT JOINT
-  HMA SURFACE REMOVAL, 1 1/2"



-  HMA SURFACE REMOVAL - BUTT JOINT
-  HMA SURFACE REMOVAL, 1 1/2"

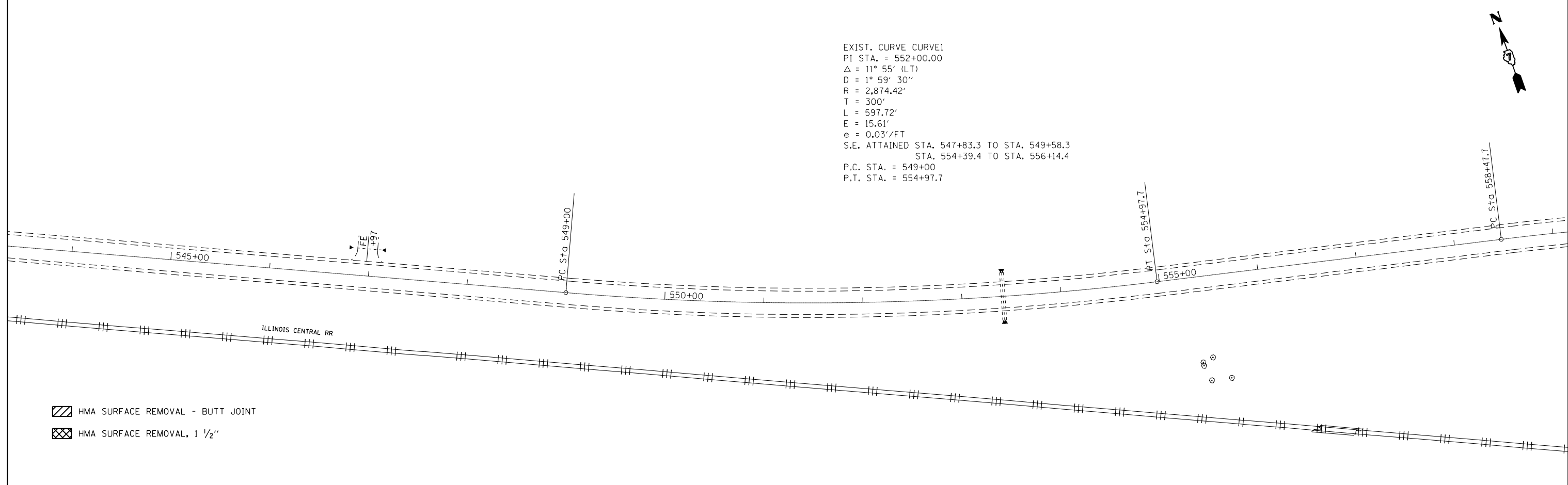
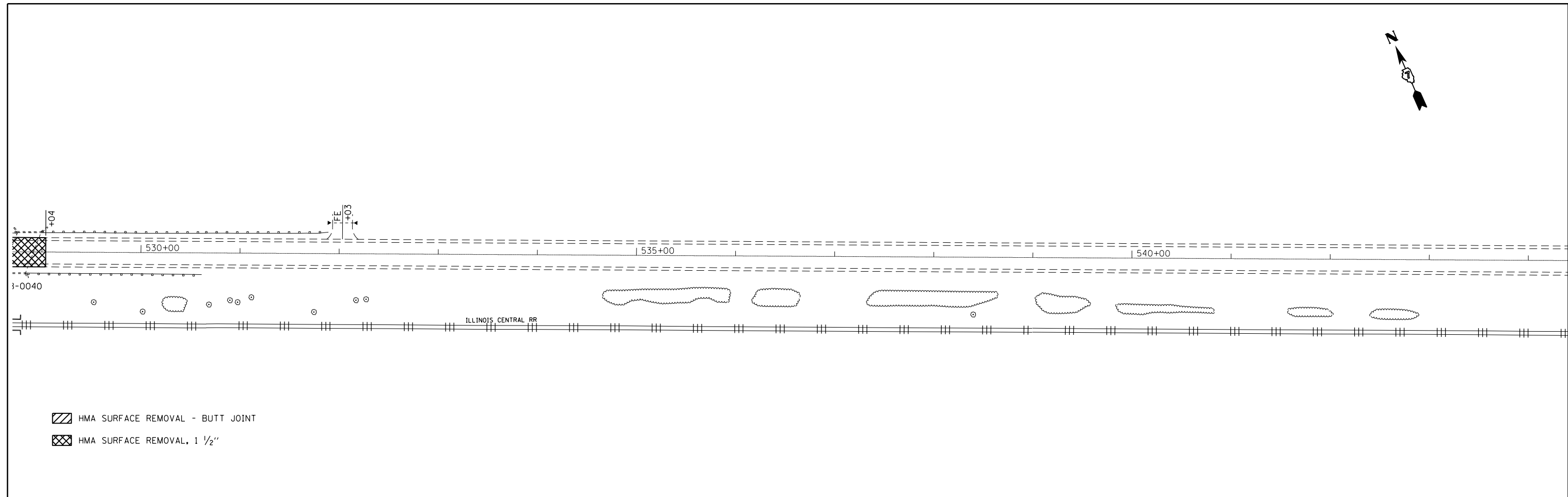
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	PLOT DATE = 10/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 50 SHEET 3 OF 15 SHEETS STA. 499+00 TO STA. 429+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	14
CONTRACT NO. 74667				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE CURVE1
 PI STA. = 552+00.00
 Δ = 11° 55' (LT)
 D = 1° 59' 30"
 R = 2,874.42'
 T = 300'
 L = 597.72'
 E = 15.61'
 e = 0.03'/FT
 S.E. ATTAINED STA. 547+83.3 TO STA. 549+58.3
 STA. 554+39.4 TO STA. 556+14.4
 P.C. STA. = 549+00
 P.T. STA. = 554+97.7

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Default	PLOT DATE = 10/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

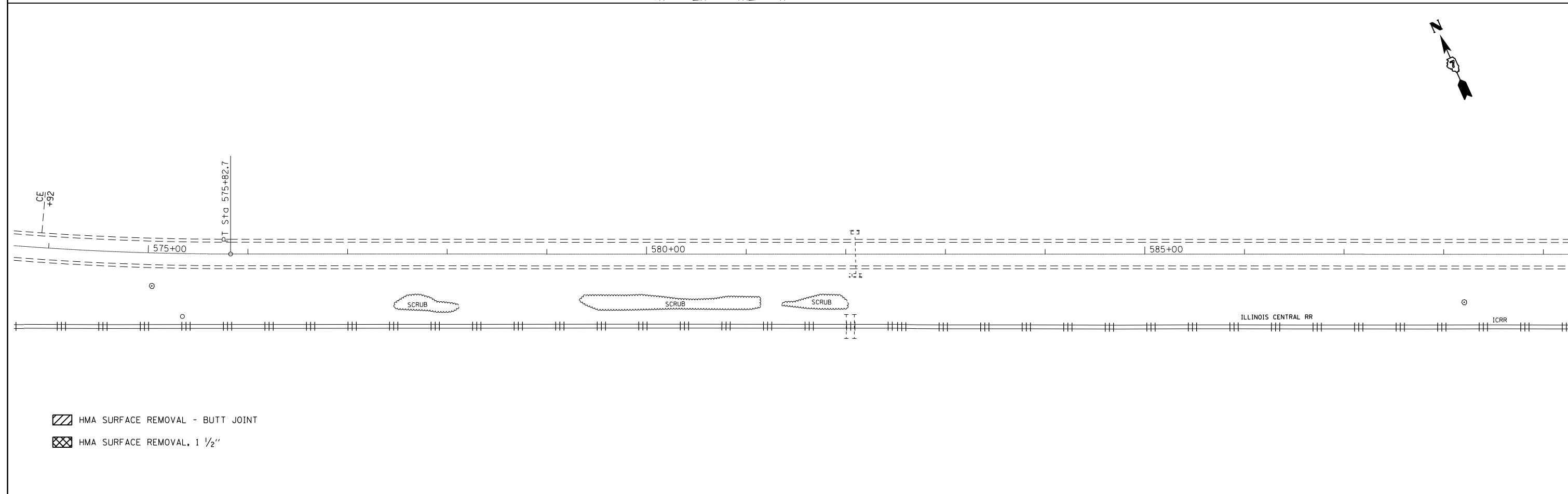
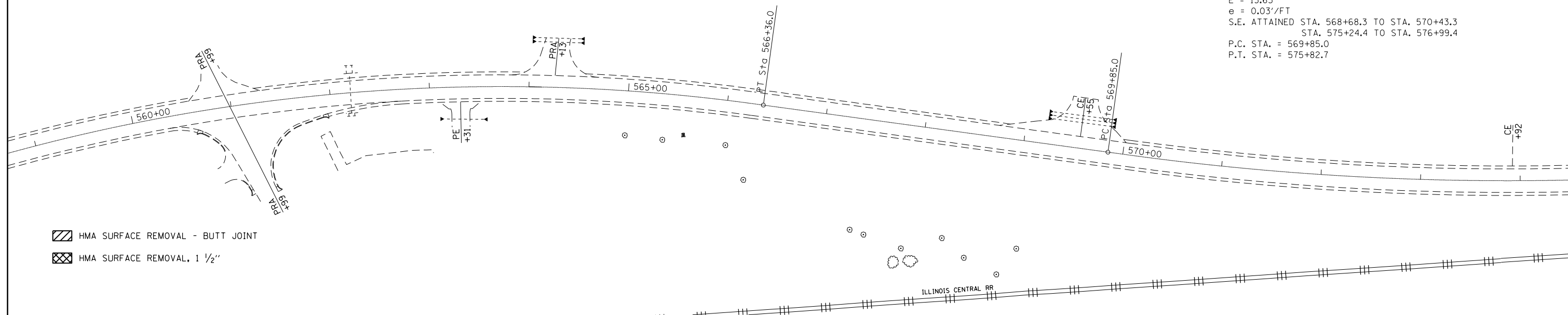
PLAN SHEETS

SCALE: 50 SHEET 4 OF 15 SHEETS STA. 429+00 TO STA. 559+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	15
CONTRACT NO. 74667			ILLINOIS FED. AID PROJECT	

EXIST. CURVE CURVE2
 PI STA. = 562+47.7
 Δ = 23° 50' (RT)
 D = 3° 01' 24"
 R = 1,895.4'
 T = 400'
 L = 788.27'
 E = 40.06'
 e = 0.04'/FT
 S.E. ATTAINED STA. 557+31 TO STA. 559+06
 STA. 565+71.7 TO STA. 567+52.7
 P.C. STA. = 558+47.7
 P.T. STA. = 566+36.0

EXIST. CURVE CURVE3
 PI STA. = 572+85.0
 Δ = 11° 37' (LT)
 D = 2° 00'
 R = 2,866.35'
 T = 300'
 L = 597.71'
 E = 15.65'
 e = 0.03'/FT
 S.E. ATTAINED STA. 568+68.3 TO STA. 570+43.3
 STA. 575+24.4 TO STA. 576+99.4
 P.C. STA. = 569+85.0
 P.T. STA. = 575+82.7



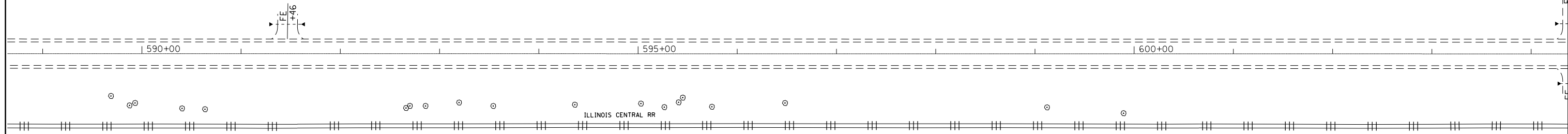
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Default	PLOT DATE = 10/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

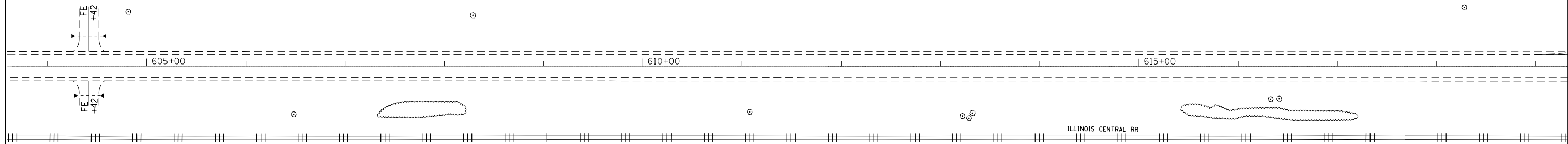
PLAN SHEETS

SCALE: 50 SHEET 5 OF 15 SHEETS STA. 559+00 TO STA. 589+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	16
				CONTRACT NO. 74667
ILLINOIS FED. AID PROJECT				



- HMA SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"



- HMA SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"

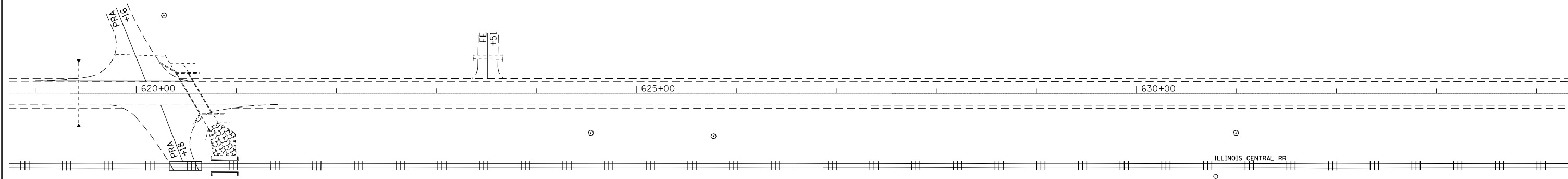
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	PLOT DATE = 10/13/2015	DATE -	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

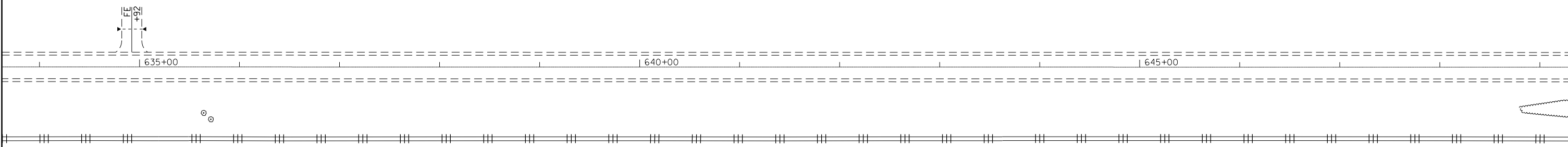
PLAN SHEETS



SCALE: 50 SHEET 6 OF 15 SHEETS STA. 589+00 TO STA. 619+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74667	



-  HMA SURFACE REMOVAL - BUTT JOINT
-  HMA SURFACE REMOVAL, 1 1/2"



-  HMA SURFACE REMOVAL - BUTT JOINT
-  HMA SURFACE REMOVAL, 1 1/2"

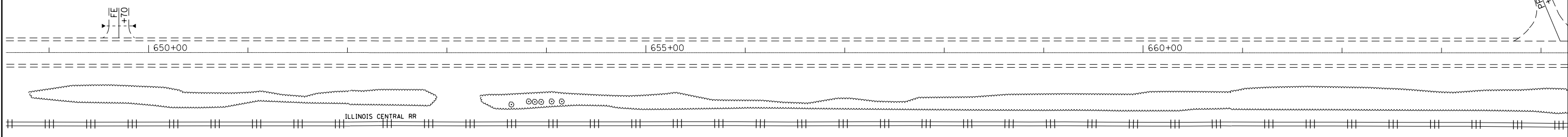
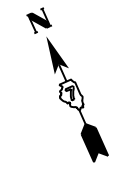
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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

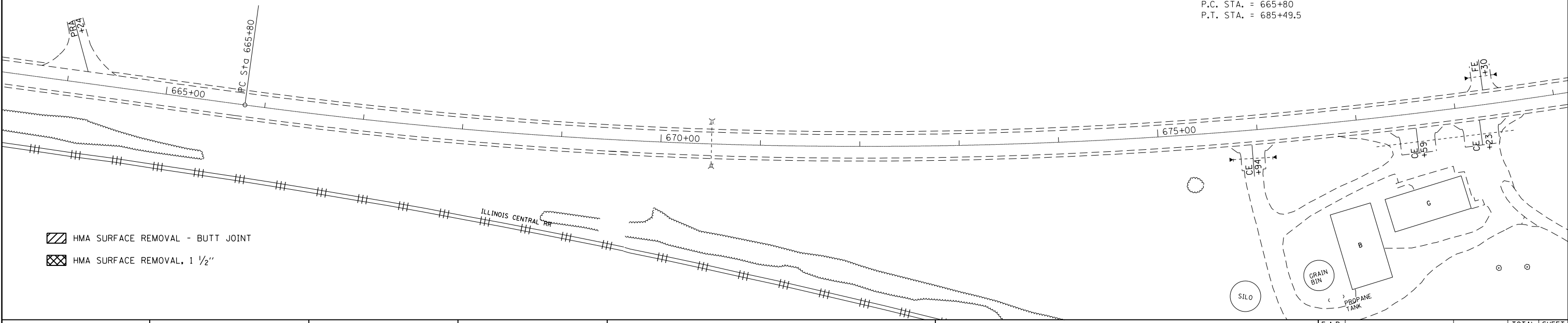
SCALE: 50 SHEET 7 OF 15 SHEETS STA. 619+00 TO STA. 649+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74667	



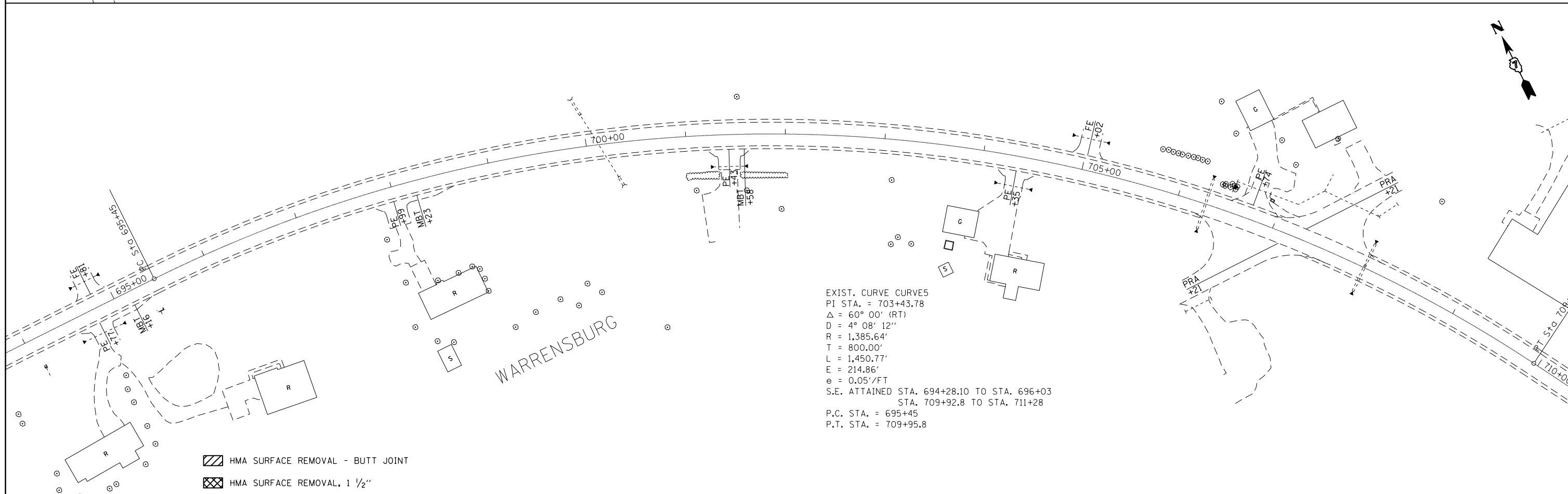
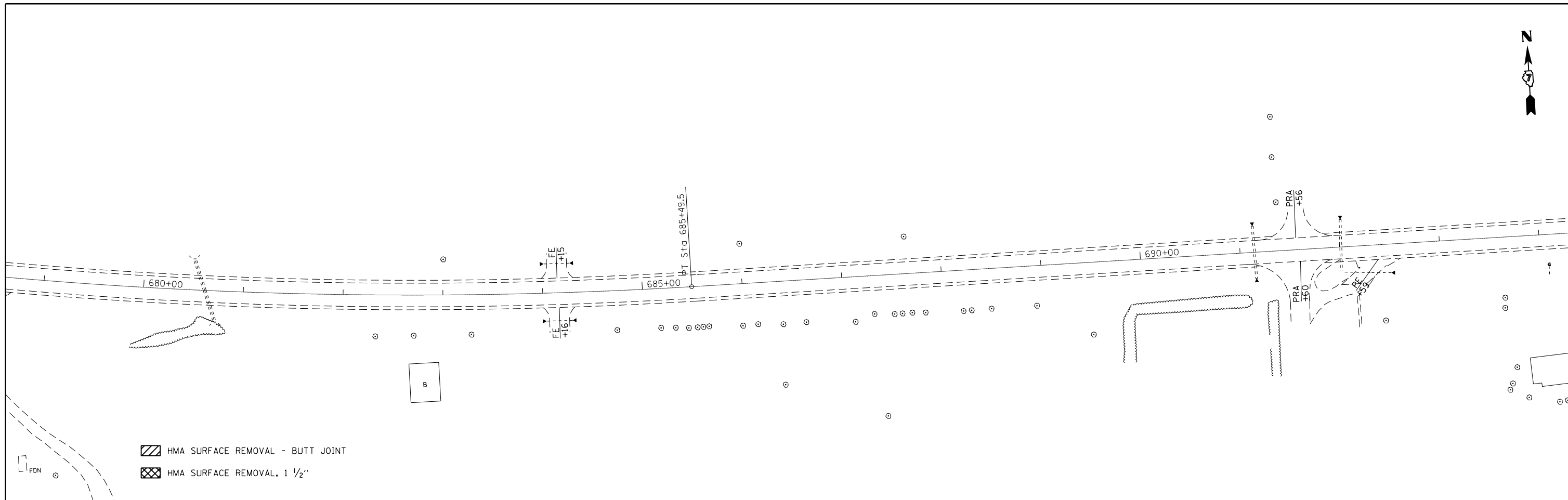
- HMA SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"

EXIST. CURVE CURVE4
 PI STA. = 675+80
 Δ = 24° 20' (LT)
 D = 1° 14'
 R = 4,638.25'
 T = 1,000.00'
 L = 1,965.50'
 e = 106.57'
 e = 0.02'/FT
 S.E. ATTAINED STA. 669+63.3 TO STA. 666+38.3
 STA. 684+91.2 TO STA. 686+66.2
 P.C. STA. = 665+80
 P.T. STA. = 685+49.5



- HMA SURFACE REMOVAL - BUTT JOINT
- HMA SURFACE REMOVAL, 1 1/2"

<small>FILE NAME =</small>	<small>USER NAME =</small> steffenmk	<small>DESIGNED -</small>	<small>REVISED -</small>	STATE OF ILLINOIS			<small>F.A.P. RTE.</small>	<small>SECTION</small>	<small>COUNTY</small>	<small>TOTAL SHEETS</small>	<small>SHEET NO.</small>
<small>pw:\IL\084EBIDINTEG.illinois.gov\PIWDDT\Documents\IDOT Offices\District 7\Projects\74667\Drawings\CADsheets\0774667-sht-plans.dgn</small>	<small>PROJECT =</small> 74667	<small>DRAWN -</small>	<small>REVISED -</small>	DEPARTMENT OF TRANSPORTATION			320	(134,135)RS-3	MACON	33	19
<small>Default</small>	<small>PLOT SCALE =</small> 100.0000' / in.	<small>CHECKED -</small>	<small>REVISED -</small>	PLAN SHEETS			CONTRACT NO. 74667				
	<small>PLOT DATE =</small> 10/13/2015	<small>DATE -</small>	<small>REVISED -</small>	SCALE: 50			SHEET 8 OF 15 SHEETS		STA. 649+00 TO STA. 679+00		
<small>ILLINOIS FED. AID PROJECT</small>											



EXIST. CURVE CURVE5
 PI STA. = 703+43.78
 Δ = 60° 00' (RT)
 D = 4° 08' 12"
 R = 1,385.64'
 T = 800.00'
 L = 1,450.77'
 E = 214.86'
 e = 0.05'/FT
 S.E. ATTAINED STA. 694+28.10 TO STA. 696+03
 STA. 709+92.8 TO STA. 711+28
 P.C. STA. = 695+45
 P.T. STA. = 709+95.8

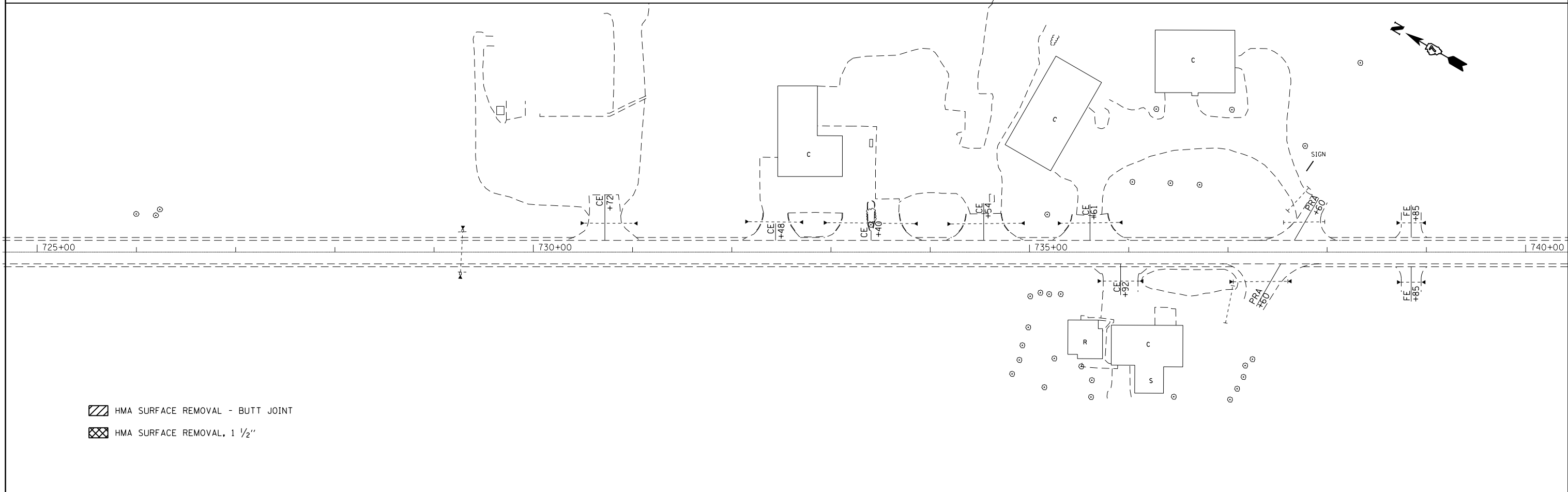
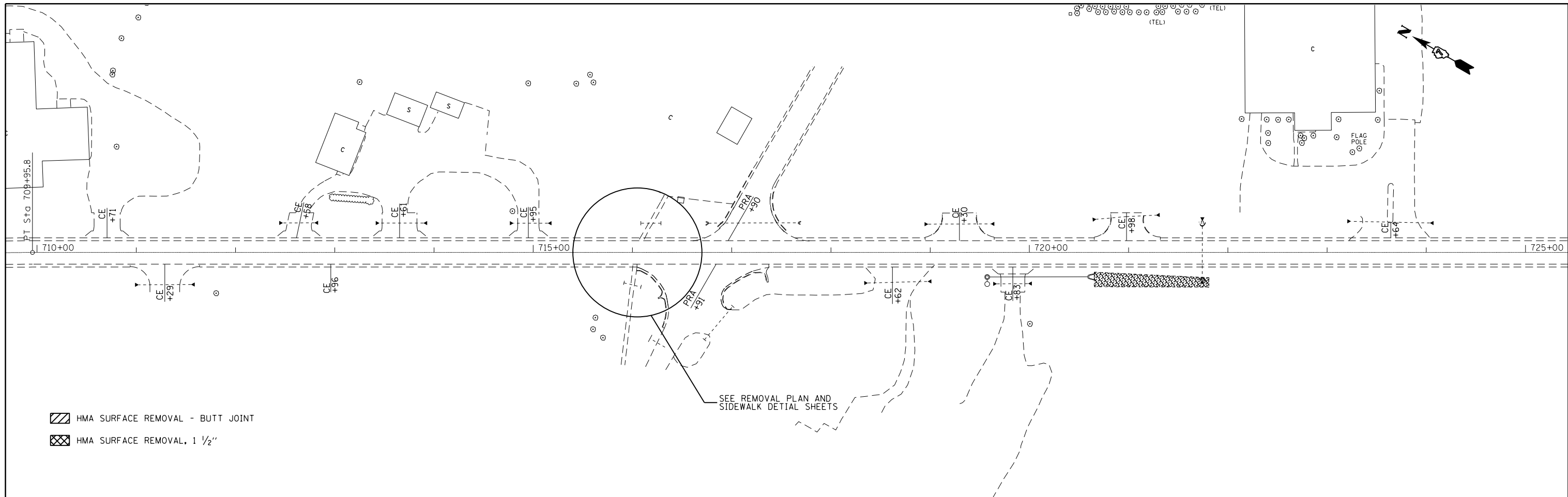
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

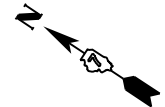
PLAN SHEETS

SCALE: 50 SHEET 9 OF 15 SHEETS STA. 679+00 TO STA. 710+00

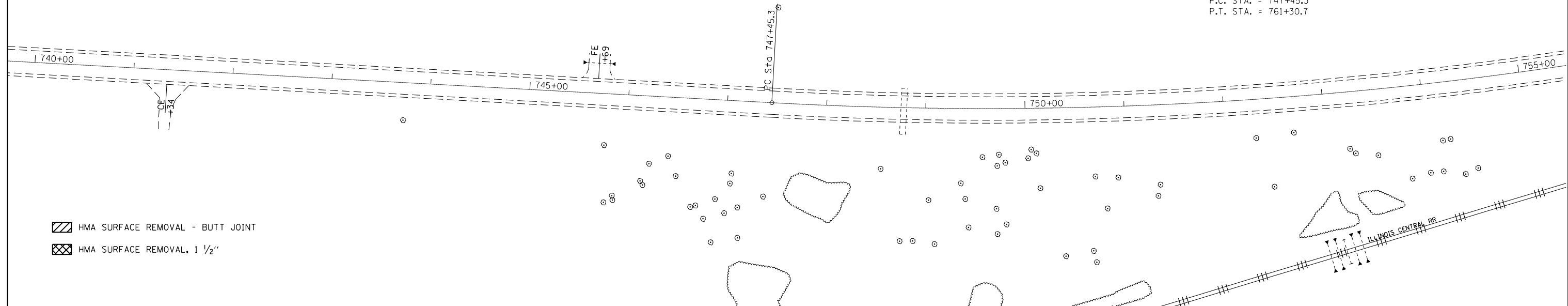
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	20
CONTRACT NO. 74667			ILLINOIS FED. AID PROJECT	



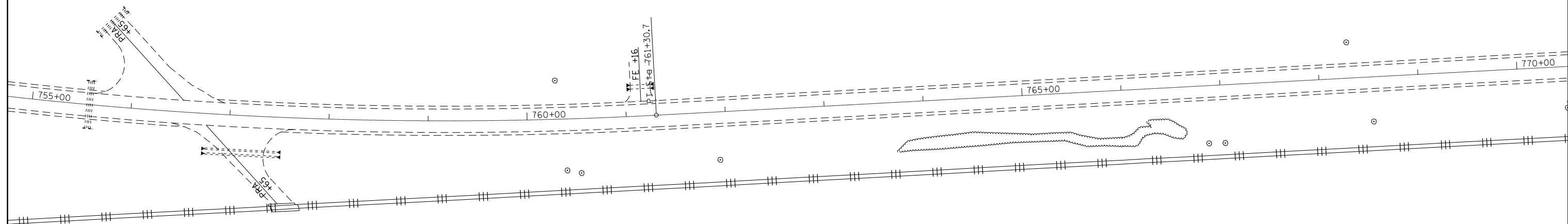
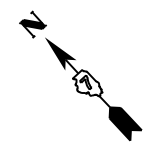
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 7\Projects\74667\Drawings\CAD\Sheets\D774667-sht-plans.dgn		DRAWN -	REVISED -		SCALE: 50	SHEET 10	OF 15 SHEETS	320	(134,135)RS-3	MACON	33	21
Default		CHECKED -	REVISED -		STA. 710+00	TO STA. 740+00		CONTRACT NO. 74667				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



EXIST. CURVE CURVE6
 PI STA. = 754+45.3
 Δ = 20° 02' (LT)
 D = 1° 26' 45"
 R = 3,953.2'
 T = 700'
 L = 1,385.4'
 E = 64.2'
 e = 0.03'/FT
 S.E. ATTAINED STA. 746+28.3 TO STA. 748+04.3
 STA. 760+32.7 TO STA. 762+47.7
 P.C. STA. = 747+45.3
 P.T. STA. = 761+30.7



HMA SURFACE REMOVAL - BUTT JOINT
 HMA SURFACE REMOVAL, 1 1/2"



HMA SURFACE REMOVAL - BUTT JOINT
 HMA SURFACE REMOVAL, 1 1/2"

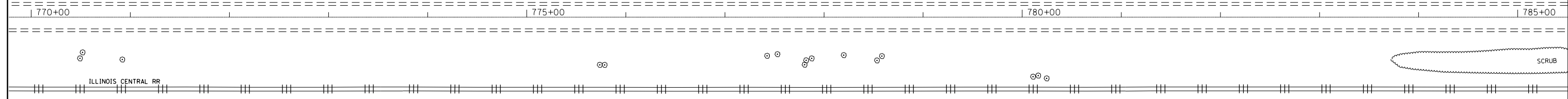
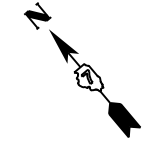
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2015	DATE -	REVISED -



**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

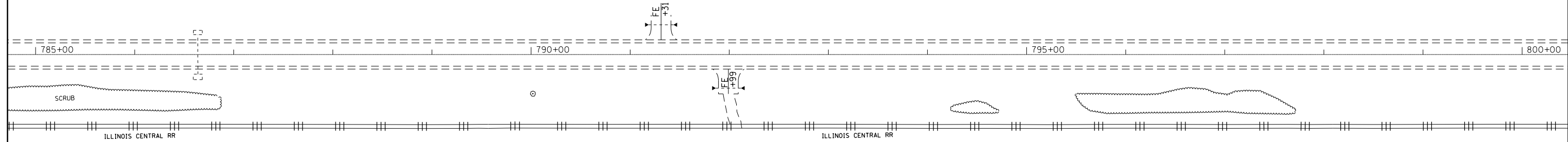
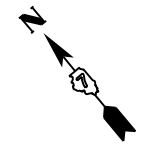
PLAN SHEETS



SCALE: 50 SHEET 11 OF 15 SHEETS STA. 740+00 TO STA. 770+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74667	



-  HMA SURFACE REMOVAL - BUTT JOINT
-  HMA SURFACE REMOVAL, 1 1/2"



-  HMA SURFACE REMOVAL - BUTT JOINT
-  HMA SURFACE REMOVAL, 1 1/2"

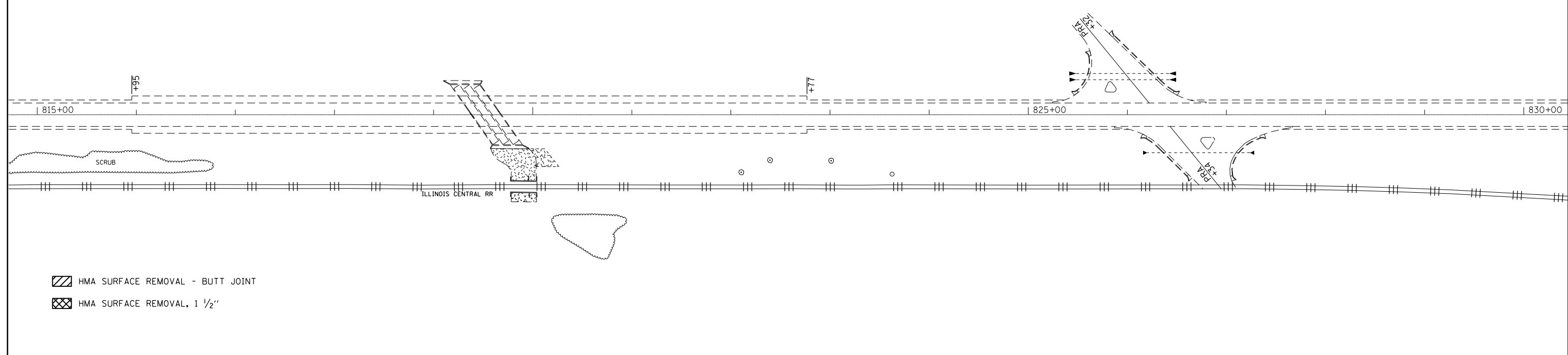
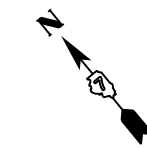
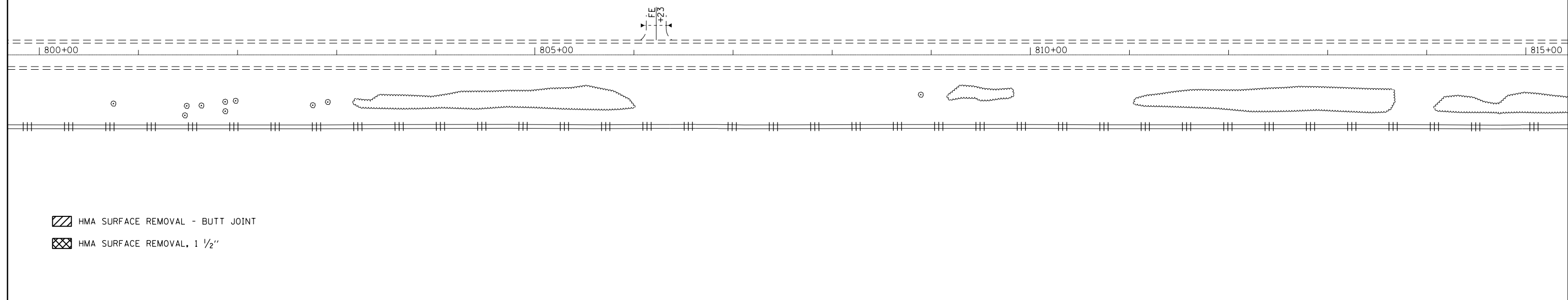
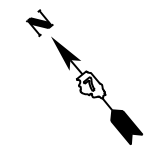
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

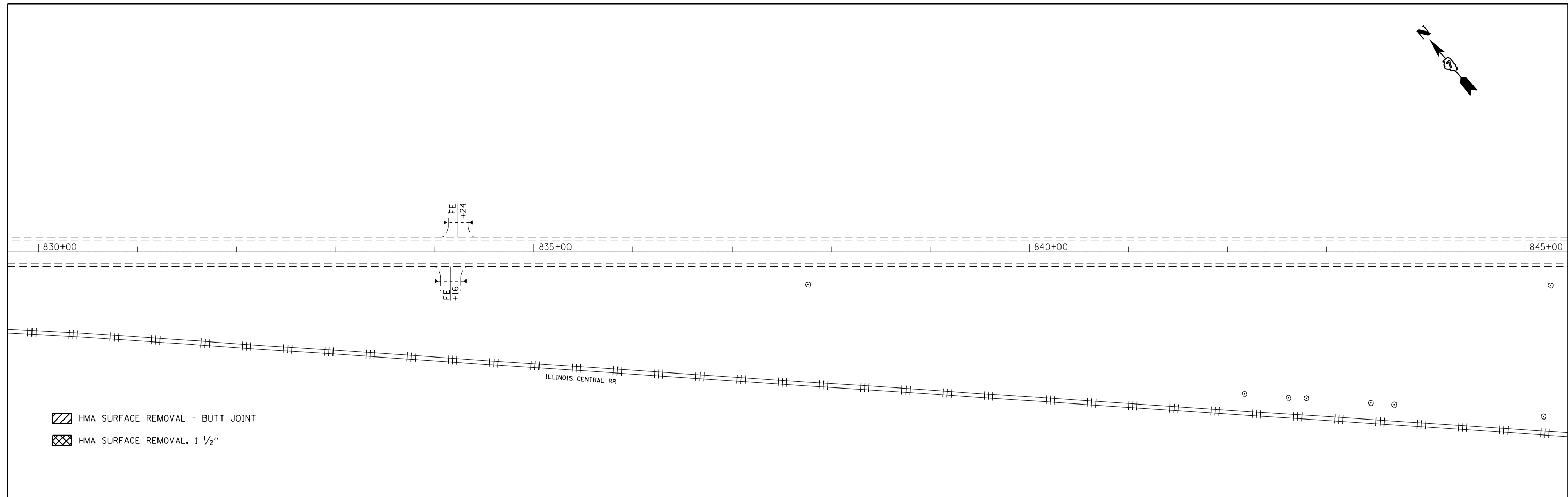
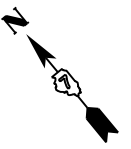
PLAN SHEETS

SCALE: 50 SHEET 12 OF 15 SHEETS STA. 770+00 TO STA. 800+00

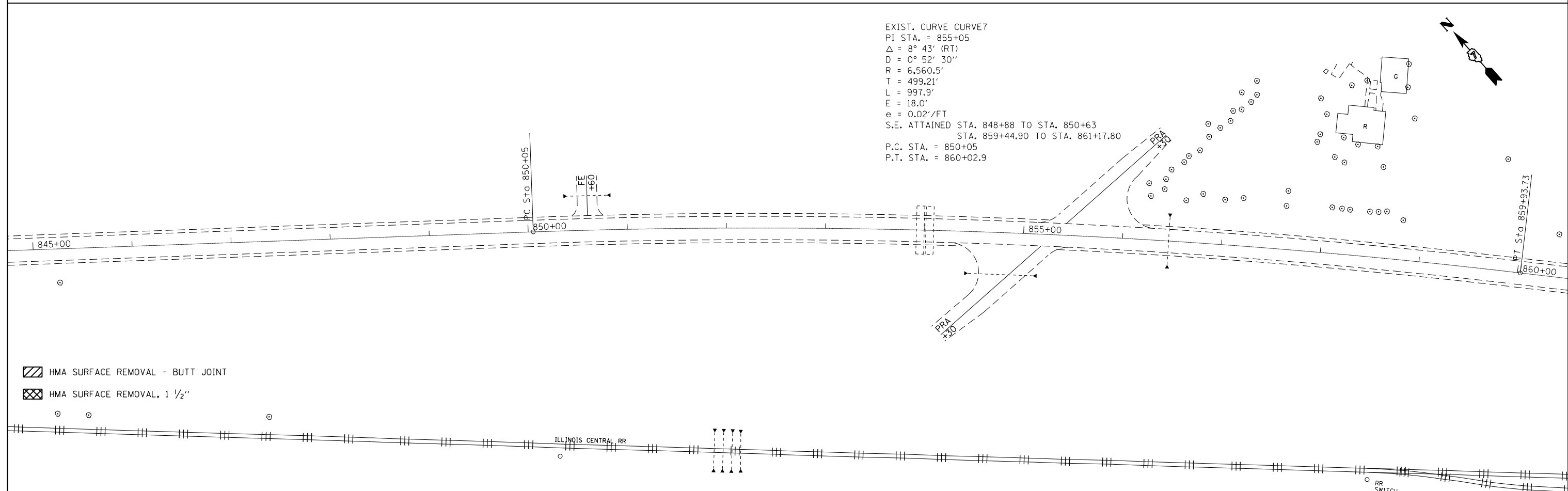
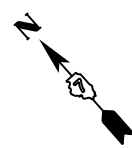
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	23
CONTRACT NO. 74667			ILLINOIS FED. AID PROJECT	



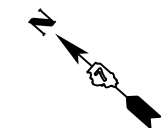
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		CONTRACT NO. 74667			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 10/13/2015	DATE -	REVISED -		SCALE: 50	SHEET 13	OF 15 SHEETS	STA. 800+00	TO STA. 830+00			



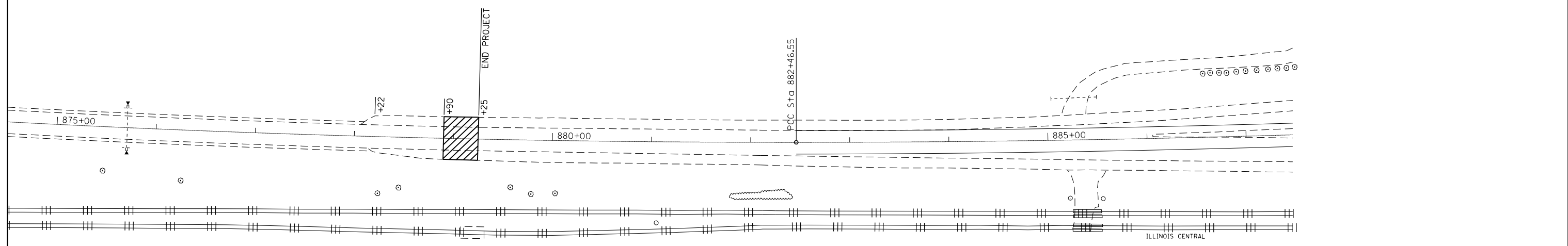
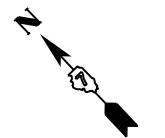
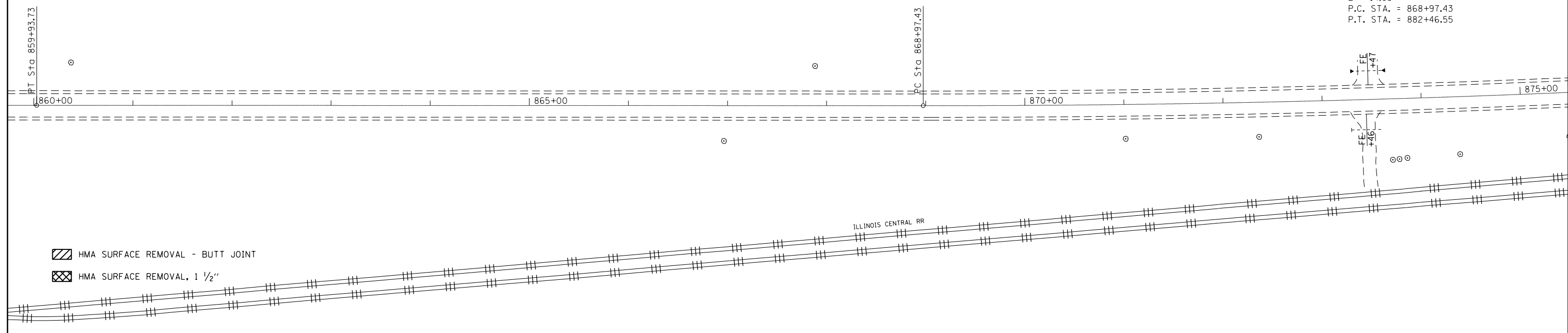
EXIST. CURVE CURVE7
 PI STA. = 855+05
 $\Delta = 8^\circ 43' (RT)$
 $D = 0^\circ 52' 30''$
 $R = 6,560.5'$
 $T = 499.21'$
 $L = 997.9'$
 $E = 18.0'$
 $e = 0.02'/FT$
 S.E. ATTAINED STA. 848+88 TO STA. 850+63
 STA. 859+44.90 TO STA. 861+17.80
 P.C. STA. = 850+05
 P.T. STA. = 860+02.9



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
pw:\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74667\Drawings\CAD\Sheets\0774667-sht-plans.dgn		DRAWN -	REVISED -		SCALE: 50	SHEET 14	OF 15 SHEETS	STA. 830+00	TO STA. 860+00	320	(134,135)RS-3	MACON	33	25
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -											
	PLOT DATE = 10/13/2015	DATE -	REVISED -											
										CONTRACT NO. 74667			ILLINOIS FED. AID PROJECT	



EXIST. CURVE CURVE8
 PI STA. = 875+72.43
 $\Delta = 5^\circ 04' (LT)$
 $D = 0^\circ 22' 30''$
 $R = 15,256.3'$
 $T = 670.57'$
 $L = 1,349.12'$
 $E = 14.98'$
 P.C. STA. = 868+97.43
 P.T. STA. = 882+46.55



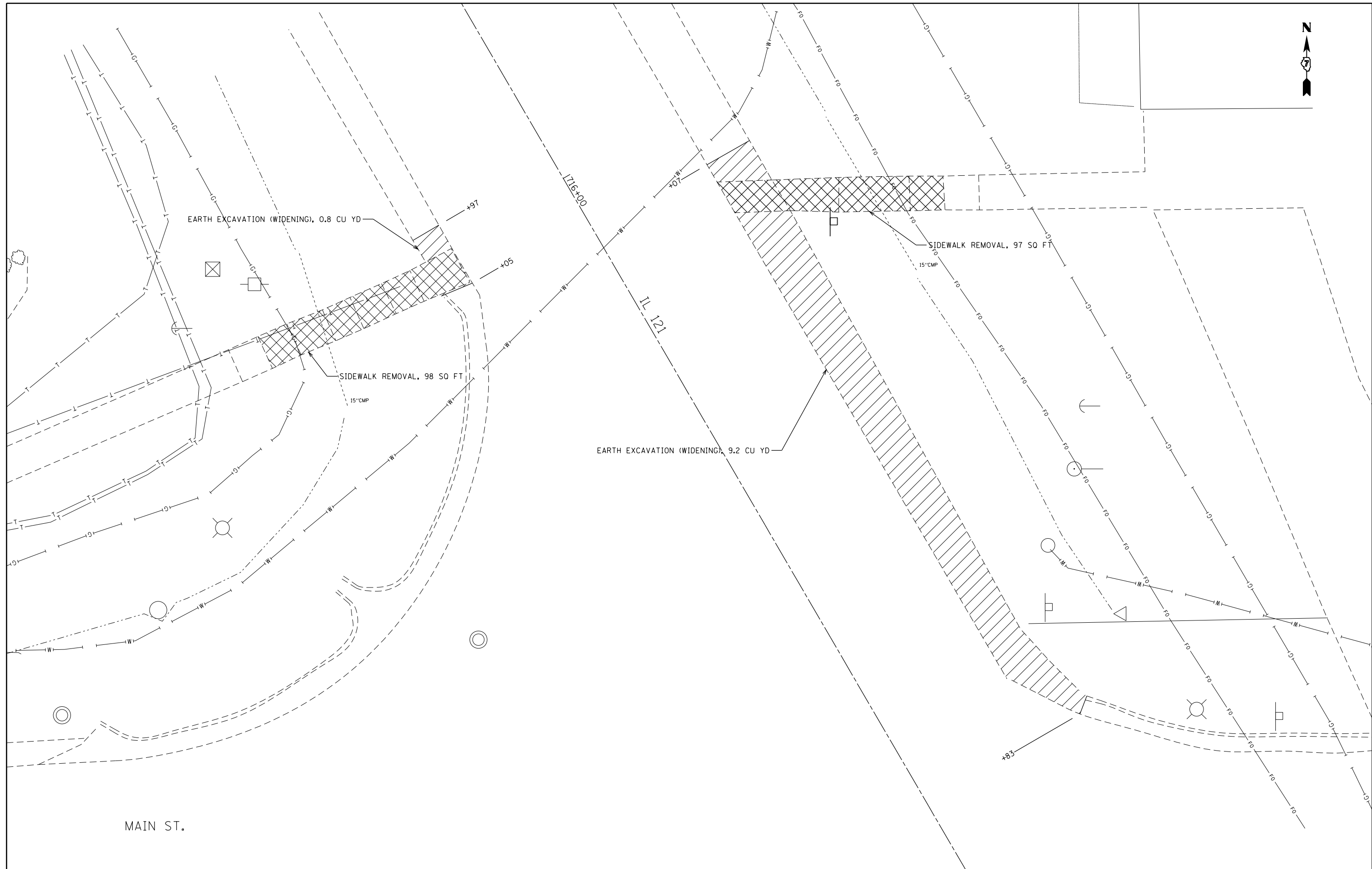
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 50 SHEET 15 OF 15 SHEETS STA. 860+00 TO STA. 879+25

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	26
CONTRACT NO. 74667			ILLINOIS FED. AID PROJECT	



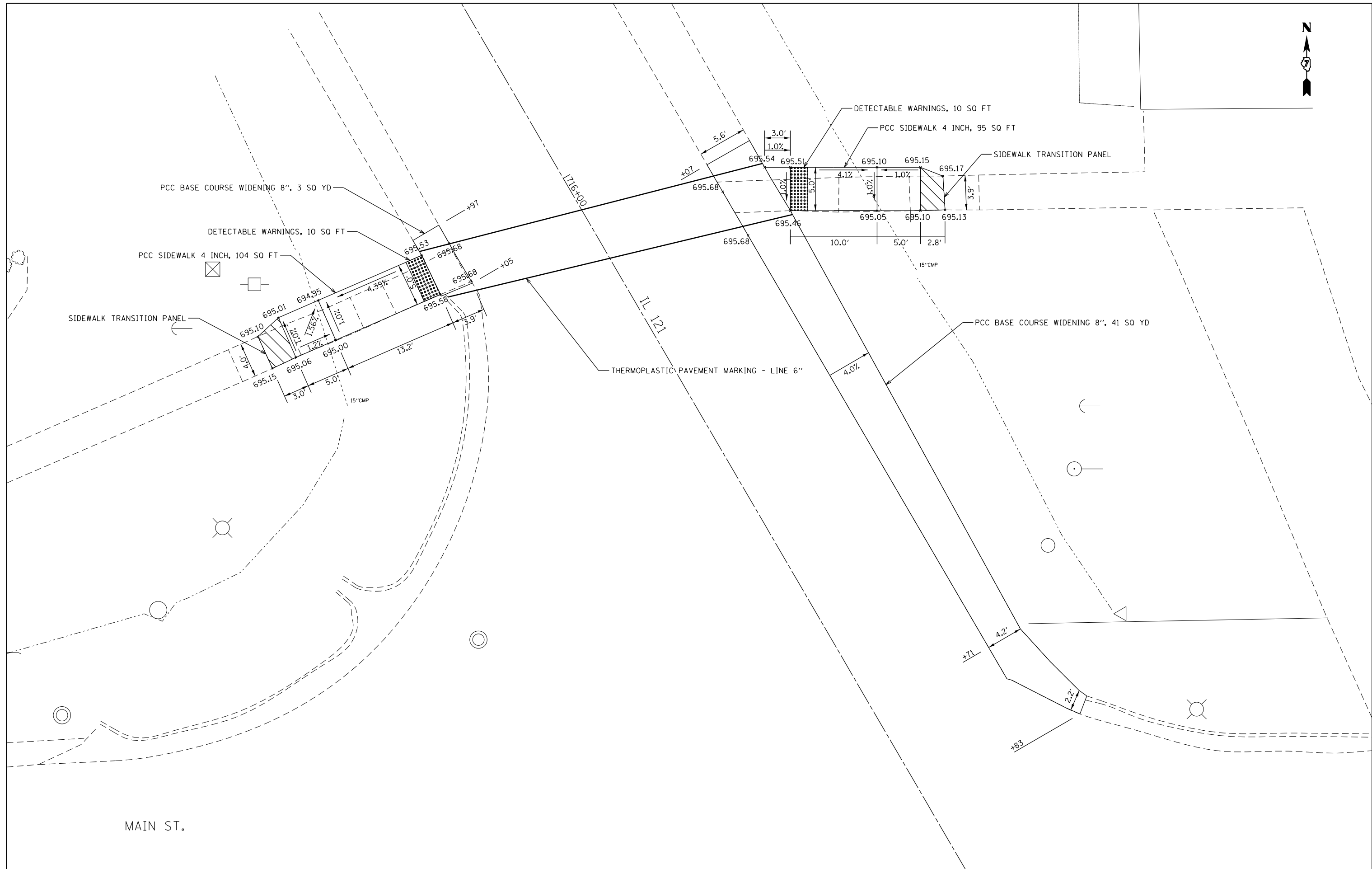
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN

SCALE: 5 SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	27
CONTRACT NO. 74667				
ILLINOIS FED. AID PROJECT				



MAIN ST.

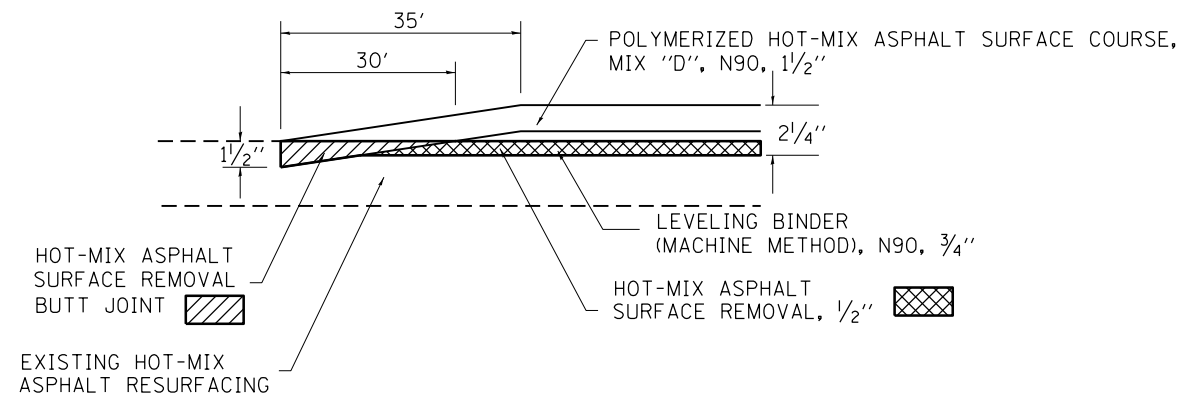
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Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAILS

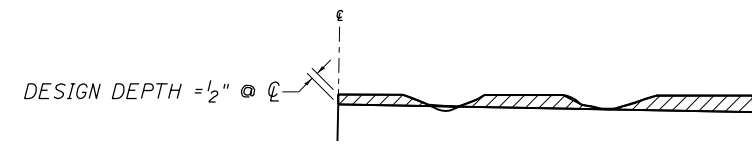
SCALE: 5 SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	28
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74667	



BUTT JOINT DETAIL

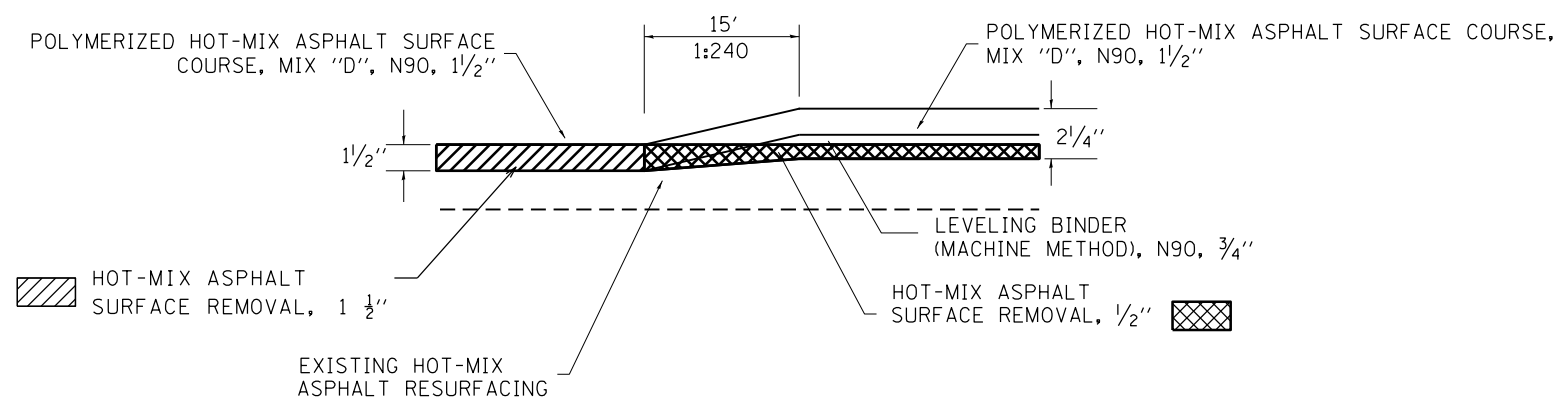
STA. 439+24 TO STA. 439+59
 STA. 478+66 TO STA. 479+01
 STA. 480+74 TO STA. 481+09
 STA. 878+90 TO STA. 879+25



NOTES:

1. MILLING SHALL BE DONE TO ATTAIN A 3/16 "/FT. SLOPE IN CROWN SECTIONS
2. EXISTING S.E. AND S.E. TRANSITIONS SHALL BE MAINTAINED UNLESS OTHERWISE SHOWN ON THE PLANS.
3. MILLING TO THE BOTTOM OF WHEEL RUTS SHALL NOT BE NECESSARY UNLESS REQUIRED TO OBTAIN SLOPE OR THE DESIGN DEPTH AT CENTERLINE.
4. THE AVERAGE DEPTH OF MILLING IS ESTIMATED TO BE 1/2" BUT MAY VARY IN ISOLATED LOCATIONS.

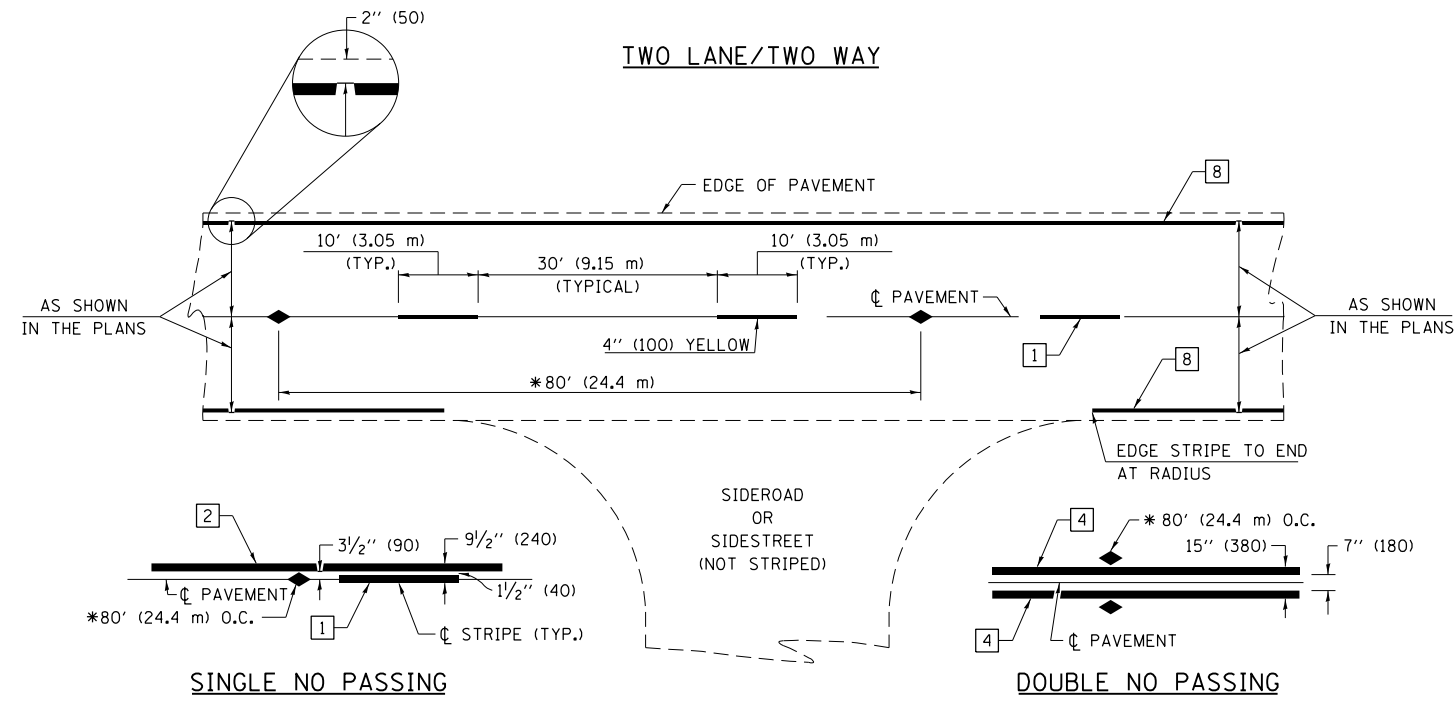
HOT-MIX ASPHALT SURFACE REMOVAL, 1/2" DETAIL



TRANSITION DETAIL

STA. 528+39 TO STA. 528+54
 STA. 529+04 TO STA. 529+19

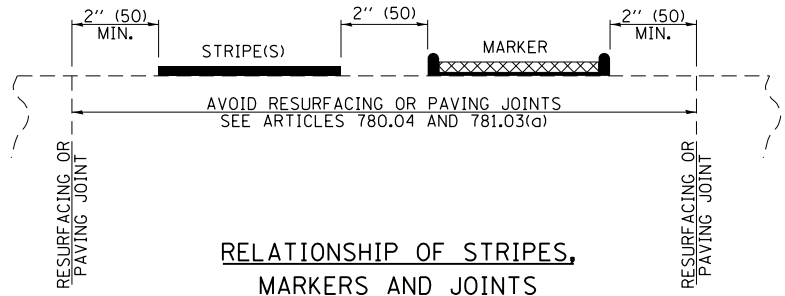
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pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74667\Drawings\CAD\Sheets\0774667-sht-details.dwg	PLotted	CHECKED -	REVISED -					320	(134,135)RS-3	MACON	33	29	
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE: N/A			SHEET 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 74667		
	PLOT DATE = 10/14/2015				ILLINOIS FED. AID PROJECT								



PAVEMENT MARKING LEGEND

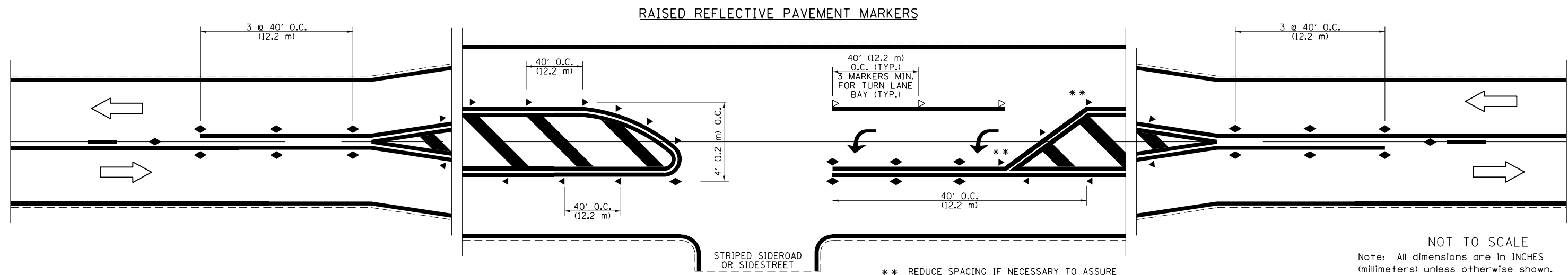
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

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



TYPICAL PAVEMENT MARKERS LEGEND

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

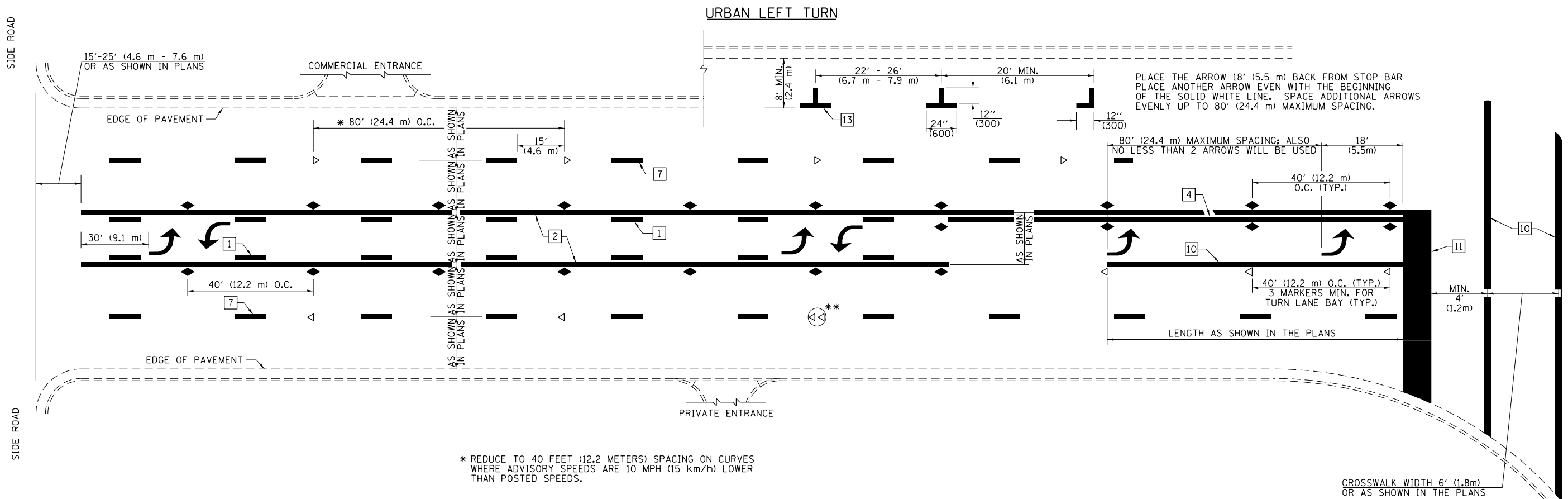


** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

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

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. R.T.E. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\74667\Drawings\CABsheets\0774667-sht-details	PLotted SCALE = 100.0000' / in.	CHECKED -	REVISED -			320	(134,135)RS-3	MACON	33	30
	PLOT DATE = 10/13/2015	DATE -	REVISED -			CONTRACT NO. 74667				
						SCALE: N/A	SHEET NO. 1 OF 4 SHEETS		STA. TO STA.	

DISTRICT 7 DETAIL NO. 7800001



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

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

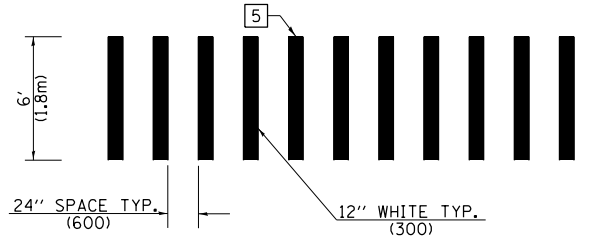
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
AND SPACED AS SHOWN IN HIGHWAY STANDARD
781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
HIGHWAYS.

PAVEMENT MARKING LEGEND

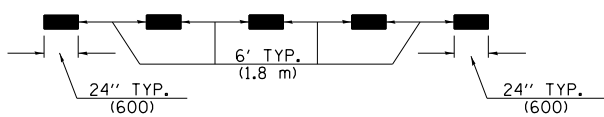
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

GENERAL NOTES

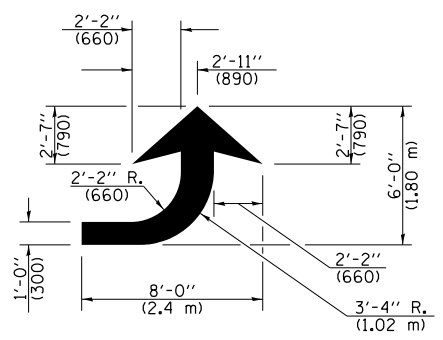
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT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



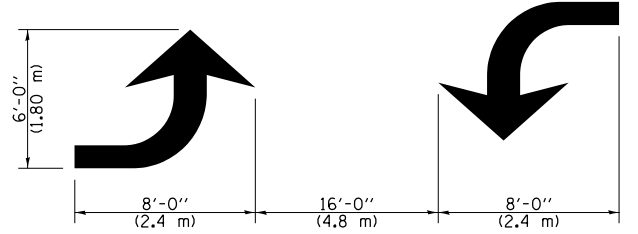
**CROSSWALK DETAIL
(DECATUR CITY LIMITS ONLY)**



LANE LINE EXTENSIONS



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



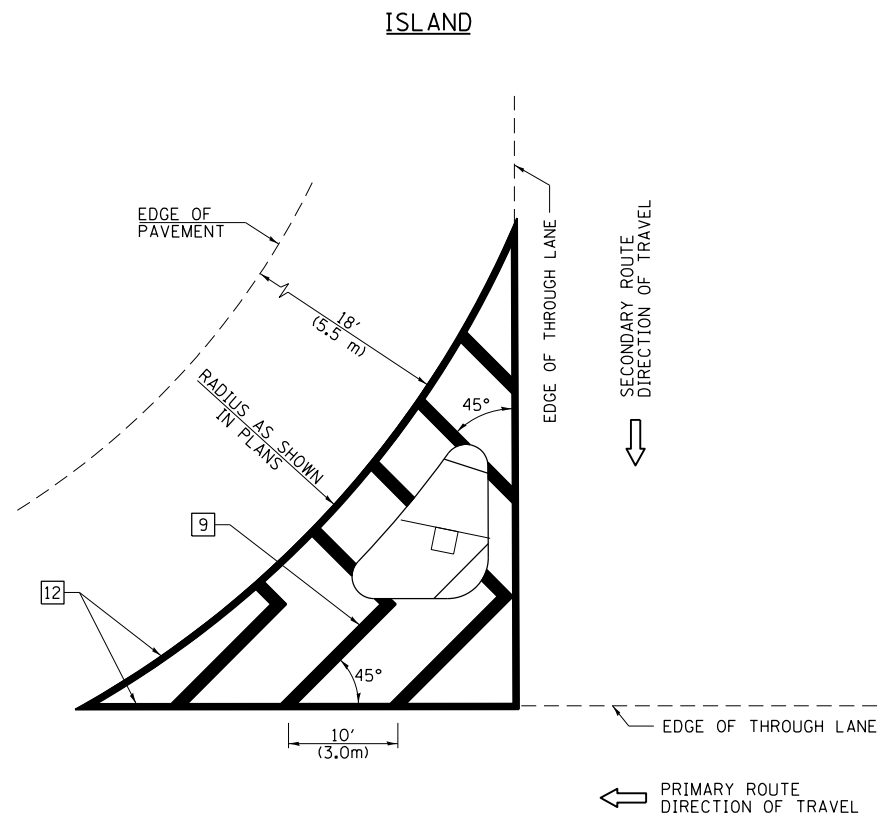
**TYPICAL DOUBLE
TURN ARROWS (WHITE)**

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)		F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74667\Drawings\CABsheets\0774667-sht-details		CHECKED -	REVISED -				320	(134,135)RS-3	MACON	33	31
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -				CONTRACT NO. 74667				
PLOT DATE = 10/13/2015							ILLINOIS FED. AID PROJECT				

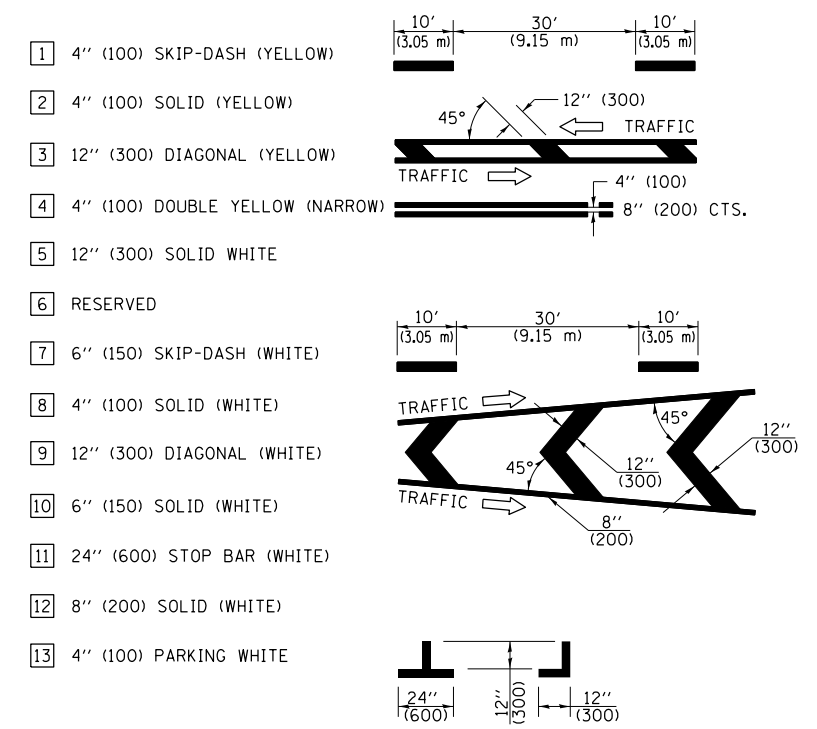


GENERAL NOTES

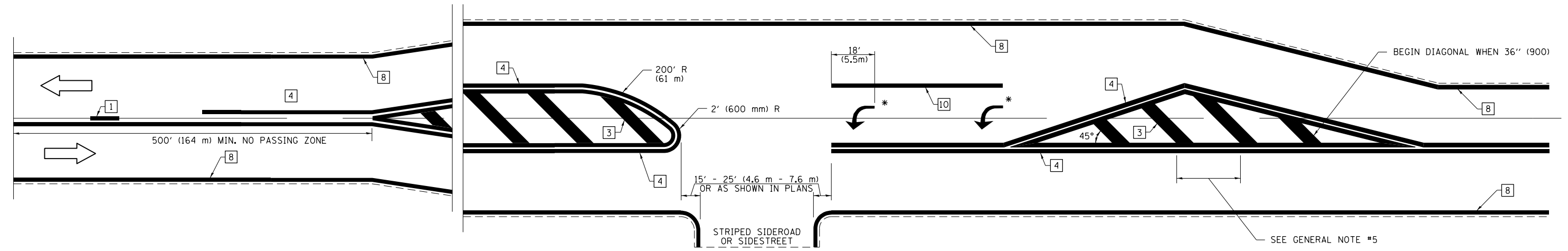
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING 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

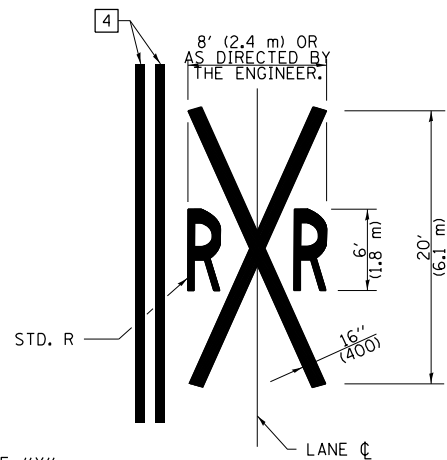
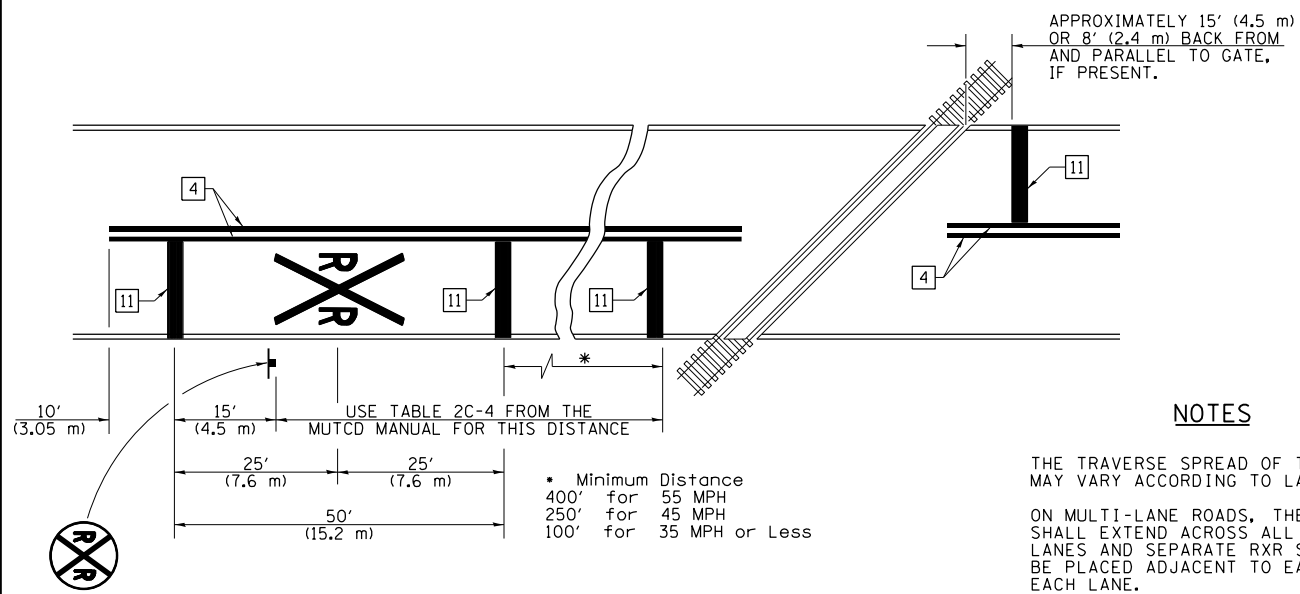
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74667\Drawings\CAB\sheets\0774667-sht-details		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2015	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	32
CONTRACT NO. 74667				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

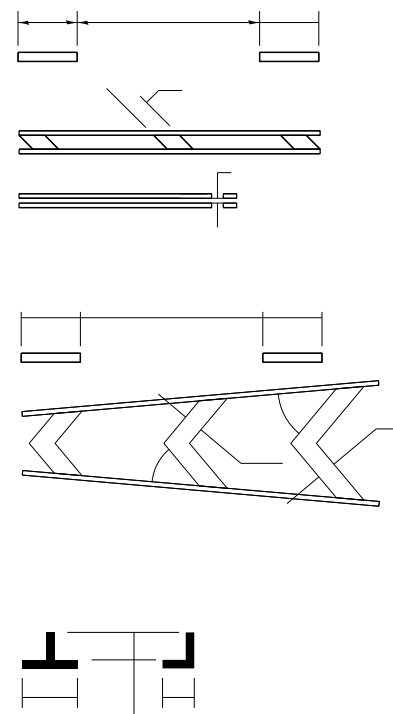


NOTES

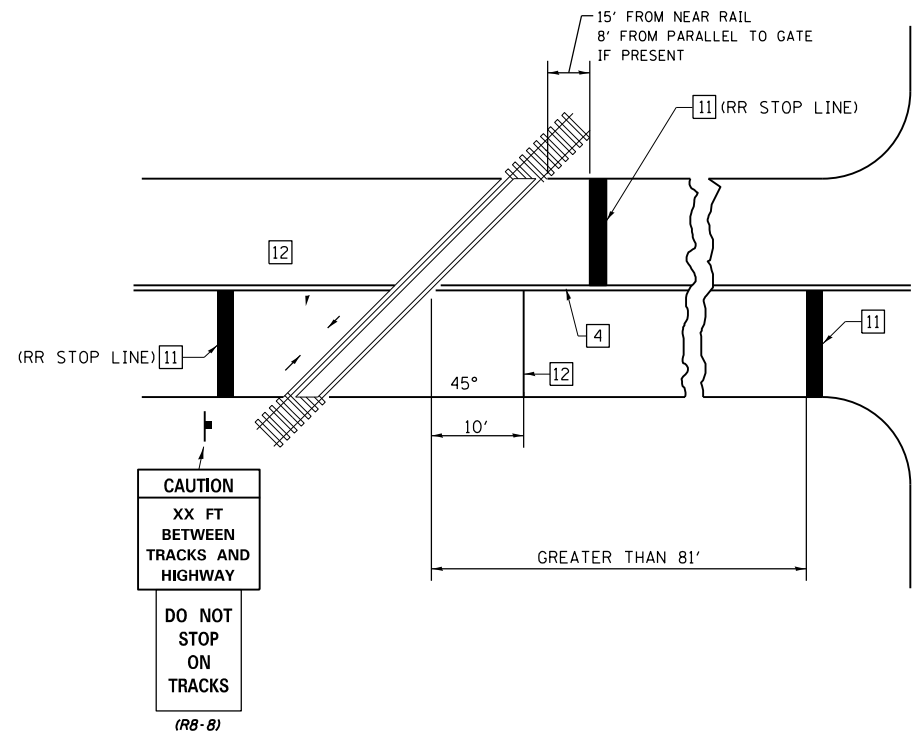
THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

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

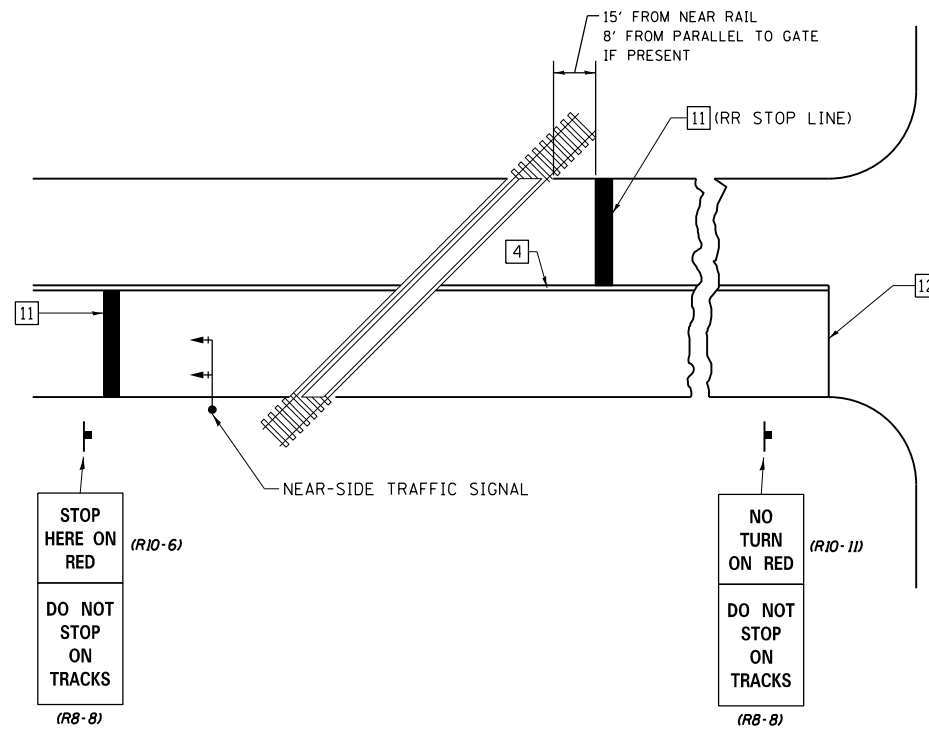
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.



RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\11\084EBID\INTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74667\Drawings\CAB\sheets\0774667-sht-details		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 10/13/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: N/A SHEET NO. 4 OF 4 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 7800001

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
320	(134,135)RS-3	MACON	33	33
CONTRACT NO. 74667				
ILLINOIS FED. AID PROJECT				