

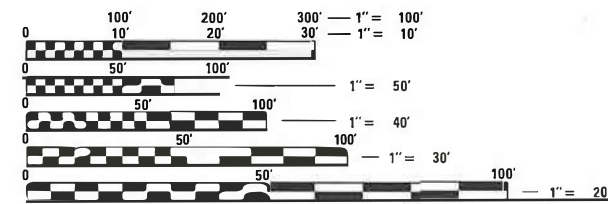
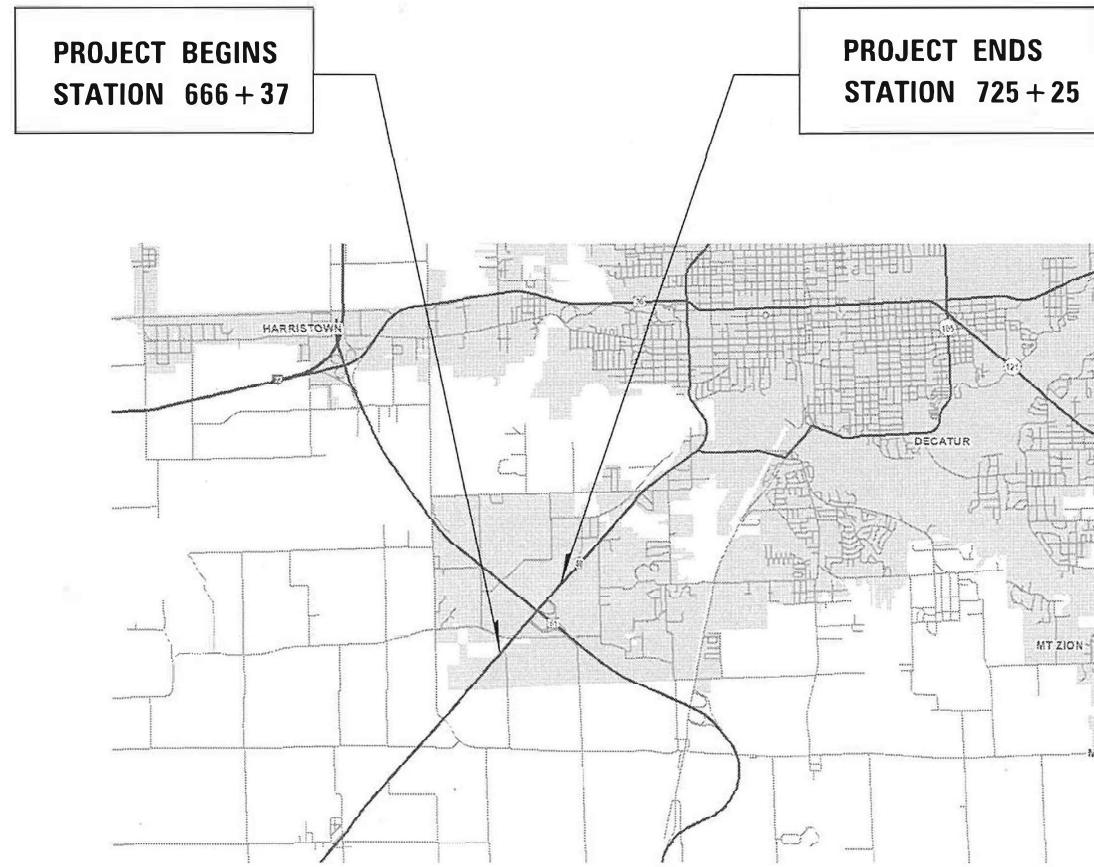
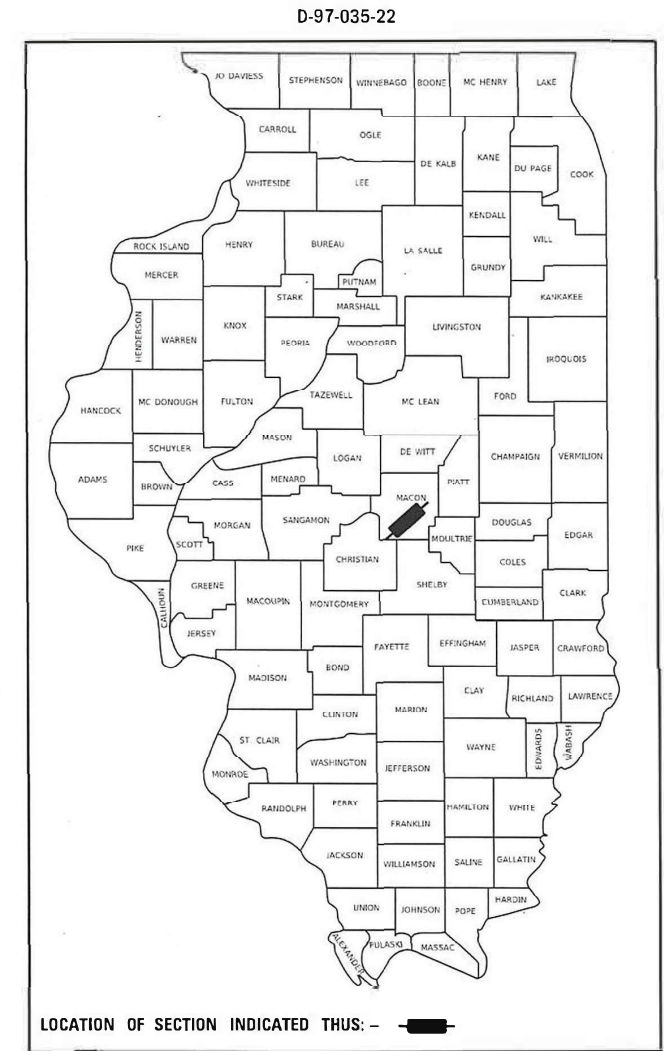
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	1
		ILLINOIS	CONTRACT NO. 74B18	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT 4400 (2023)

**PROPOSED
HIGHWAY PLANS**
FAP ROUTE 714 (IL ROUTE 48)
SECTION (129,128)RS-4
PROJECT NHPP-STP-5RNT(148)
DESIGNED OVERLAY
MACON COUNTY
C-97-082-22



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

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

PROJECT ENGINEER: BRIAN LEWIS
PROJECT MANAGER: MYRA OLTMAN

CONTRACT NO. 74B18

GROSS LENGTH = 5,888 FT. = 1.11 MILE
NET LENGTH = 5,888 FT. = 1.11 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED FEBRUARY 13, 2024
Jeffrey P. Myers, Jr.
REGIONAL ENGINEER

March 22, 2024
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2024
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

80% FED
20% STATE

80% FED
20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 RURAL STP	0005 URBAN STBG	0005 URBAN NHPP
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SO YD	1365	509		856
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	20525	3537	12476	4512
40600370	LONGITUDINAL JOINT SEALANT	FOOT	8820	1343	5812	1665
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	214	107		107
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SO YD	28		28	
40600990	TEMPORARY RAMP	SO YD	27	13.5		13.5
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	2977	513	1809	655
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	5984	1385	3850	749
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	277	277		
44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SO YD	11527	2000	6964	2563
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	570	60	105	405
44004250	PAVED SHOULDER REMOVAL	SO YD	545		545	
44200050	WELDED WIRE REINFORCEMENT	SO YD	1684	183	100	1401

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 RURAL STP	0005 URBAN STBG	0005 URBAN NHPP
44200966	CLASS B PATCHES, TYPE I, 10 INCH	SO YD	16	4		12
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SO YD	2148	359	219	1570
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SO YD	1328	116	69	1143
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SO YD	357	67	31	259
44201299	DOWEL BARS 1 1/2"	EACH	6506	1034	552	4920
44213200	SAW CUTS	FOOT	9648	2102	672	6874
44213204	TIE BARS 3/4"	EACH	458	30	35	393
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	566	125	332	109
48203011	HOT-MIX ASPHALT SHOULDERS, 3 1/2"	SO YD	11527	2000	6964	2563
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	500		500	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	2526	420	1567	539
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	740	185		555
60618390	CONCRETE MEDIAN SURFACE, CORRUGATED	SO FT	3013	1905		1108
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	10626	2184	6192	2250

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/5/2024	CHECKED -	REVISED -
	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.
714	(129,128)RS-4	MACON	38	3
CONTRACT NO. 74B18				
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 RURAL STP	0005 URBAN STBG	0005 URBAN NHPP
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	1	1	3
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	2	0.5	0.5	1
67100100	MOBILIZATION	L SUM	1	0.21	0.23	0.56
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.21	0.23	0.56 *
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.21	0.23	0.56 *
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	0.21	0.23	0.56 *
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.21	0.23	0.56 *
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	0.21	0.23	0.56 *
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.21	0.23	0.56 *
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	7	7	14 *
70300100	SHORT TERM PAVEMENT MARKING	FOOT	8890	2030	1710	5150 *
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	889	203	171	515 *

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 RURAL STP	0005 URBAN STBG	0005 URBAN NHPP
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SO FT	343	47	78	218
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	33400	5750	6819	20831
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	343	47	78	218
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	33400	5750	6819	20831
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1380		216	1164
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2852	398	140	2314
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	134		30	104
78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SO FT	343	47	78	218
78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	33400	5750	6819	20831
78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1380		216	1164
78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	2852	398	140	2314
78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	134		30	104
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	275	54	55	166

* SPECIALTY ITEM

REV. - MS

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	DATE -	REVISOR -

**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.
714	(129,128)RS-4	MACON	38	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74B18	

80% FED
20% STATE

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20% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 RURAL STP	0005 URBAN STBG	0005 URBAN NHPP
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	275	54	55	166
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	1032			1032
X4403800	MEDIAN SURFACE REMOVAL	SO FT	2123	209	540	1374
X4406240	PARTIAL DEPTH REMOVAL, TYPE II, 4"	SO YD	78		47	31
X4406440	PARTIAL DEPTH REMOVAL, TYPE III, 4"	SO YD	60		60	
X4406640	PARTIAL DEPTH REMOVAL, TYPE IV, 4"	SO YD	2551		482	2069
X4421000	PARTIAL DEPTH PATCHING	TON	602		132	470
X6060500	CORRUGATED MEDIAN REMOVAL	SO FT	11338	4580	5746	1012
X6061700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	498	55	152	291
X6061902	CONCRETE MEDIAN, TYPE SM (SPECIAL)	SO FT	1334		540	794
X6330900	VERTICAL ADJUSTMENT OF GUARDRAIL	FOOT	264		264	
X7240500	RELOCATE EXISTING SIGNS	EACH	4			4
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 RURAL STP	0005 URBAN STBG	0005 URBAN NHPP
Z0049799	PROTECTING OR RESETTING SURVEY MARKERS	EACH	3			3

* SPECIALTY ITEM

REV. - MS

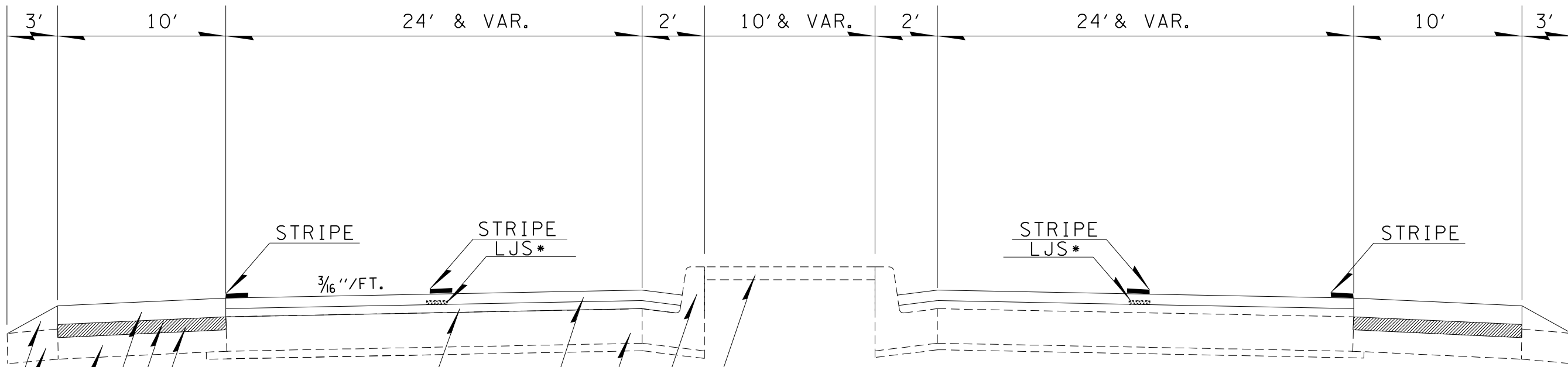
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PLOT DATE = 3/5/2024	CHECKED -	REVISIONS -
	DATE -	REVISIONS -

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.
714	(129,128)RS-4	MACON	38	5
CONTRACT NO. 74B18			ILLINOIS FED. AID PROJECT	



EXISTING 4" CONCRETE MEDIAN SURFACE
 EXISTING CC&G B9.24
 EXISTING PCC 10" PAVEMENT
 PROPOSED POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N90, 2"
 PROPOSED POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90, 1.75"

HOT-MIX ASPHALT SURFACE REMOVAL, 3.5"
 PROPOSED HOT-MIX ASPHALT SHOULDERS, 3.5" (SQ YD)
 PROPOSED HOT-MIX ASPHALT SHOULDERS 3.75" (TON)
 EXISTING HMA SHOULDERS, 10"
 EXISTING AGGREGATE SHOULDERS
 PROPOSED AGGREGATE WEDGE, TYPE B

STATION 687+10 TO STATION 716+40

NOTE: * (LJS) LONGITUDINAL JOINT SEALANT WILL BE PLACED ON EACH LANE LINE INCLUDING TURN LANES

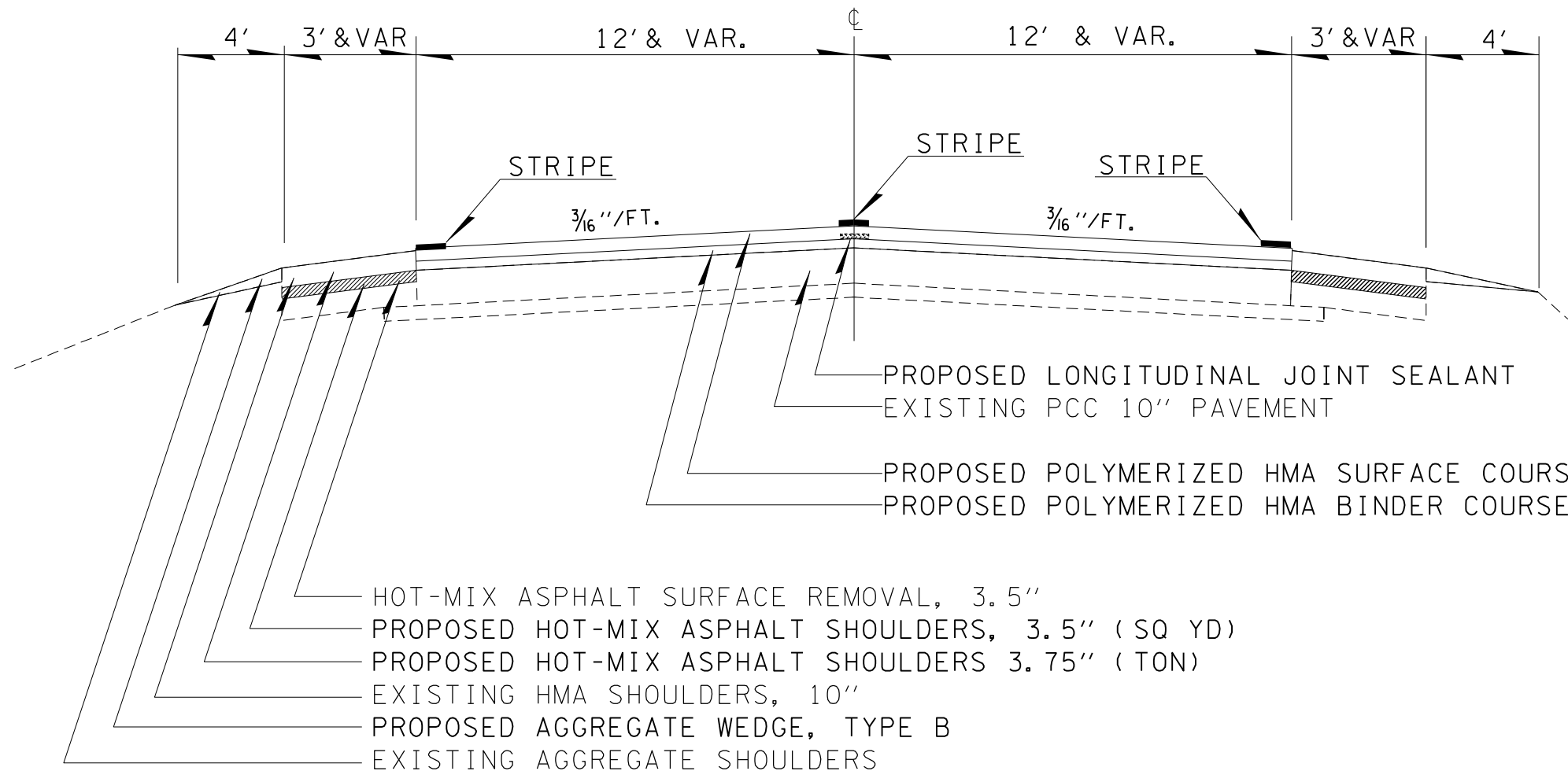
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74B18	



- PROPOSED LONGITUDINAL JOINT SEALANT
- EXISTING PCC 10" PAVEMENT
- PROPOSED POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N90, 2"
- PROPOSED POLYMERIZED HMA BINDER COURSE, IL-9.5FG, N90, 1.75"
- HOT-MIX ASPHALT SURFACE REMOVAL, 3.5"
- PROPOSED HOT-MIX ASPHALT SHOULDERS, 3.5" (SQ YD)
- PROPOSED HOT-MIX ASPHALT SHOULDERS 3.75" (TON)
- EXISTING HMA SHOULDERS, 10"
- PROPOSED AGGREGATE WEDGE, TYPE B
- EXISTING AGGREGATE SHOULDERS

STATION 666+37 TO STATION 674+22
 *STATION 674+22 TO STATION 678+28
 *STATION 679+94 TO STATION 687+03
 *STATION 716+40 TO STATION 717+69
 STATION 717+69 TO STATION 725+25

NOTE: *EXISTING CORRUGATED MEDIAN AT VARIOUS WIDTHS AND LOCATIONS SHOWN ON THE PLANS SHEETS.

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PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74B18	

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STATION	LANE	PLAN		PLAN	CLASS B TYPE 1 SQ YD	CLASS B TYPE 2 SQ YD	CLASS B TYPE 3 SQ YD	CLASS B TYPE 4 SQ YD	TIE BARS EACH	WELDED WIRE REINFORCEMENT SQ YD	SAW CUT FEET	DOWELS EACH
		LENGTH	WIDTH	DEPTH								
		FEET	FEET	INCHES								
668+50	NB	6	12	10.0		8.0					49.5	20
669+60	NB	6.0	12.0	10.0		8.0					0.0	20
669+86	NB	6.0	12.0	10.0		8.0					49.5	20
670+05	NB	6.0	12.0	10.0		8.0					49.5	20
670+75	NB	12.0	12.0	10.0			16.0			16.0	61.5	20
671+25	NB	6.0	12.0	10.0		8.0					49.5	20
671+40	NB	6.0	12.0	10.0		8.0					49.5	20
671+65	NB	6.0	12.0	10.0		8.0					49.5	20
671+80	NB	6.0	12.0	10.0		8.0					49.5	20
672+25	NB	6.0	12.0	10.0		8.0					49.5	20
672+50	NB	6.0	12.0	10.0		8.0					49.5	20
672+80	NB	6.0	12.0	10.0		8.0					49.5	20
673+15	NB	6.0	12.0	10.0		8.0					49.5	20
673+30	NB	6.0	12.0	10.0		8.0					49.5	20
673+70	NB	12.0	12.0	10.0			16.0			16.0	61.5	20
674+42	NB	6.0	12.0	10.0		8.0					49.5	20
674+40	NB	6.0	12.0	10.0		8.0					49.5	20
674+70	NB	20.0	12.0	10.0				26.7	9	26.7	77.5	20
675+10	NB	6.0	12.0	10.0		8.0					49.5	20
675+25	NB	6.0	12.0	10.0		8.0					49.5	20
675+40	NB	6.0	12.0	10.0		8.0					49.5	20
675+75	NB	12.0	12.0	10.0			16.0			16.0	61.5	20
676+20	NB	6.0	12.0	10.0		8.0					49.5	20
676+35	NB	6.0	12.0	10.0		8.0					49.5	20
676+80	NB	6.0	14.0	10.0		9.3					55.5	24
677+20	NB	6.0	12.0	10.0		8.0					49.5	20
677+20	NB TL	6.0	6.0	10.0	4.0						0.0	10
677+70	NB	6.0	12.0	10.0		8.0					49.5	20
677+70	NB TL	6.0	12.0	10.0		8.0					49.5	20
678+30	NB	8.0	12.0	10.0		10.7					53.5	20
678+30	NB TL	8.0	12.0	10.0		10.7					53.5	20
678+70	NB	12.0	12.0	10.0			16.0			16.0		20
678+70	NB TL	10.0	12.0	10.0		13.3					57.5	20
678+95	NB	6.0	12.0	10.0		8.0					49.5	20
679+20	NB	6.0	12.0	10.0		8.0					0.0	20
679+20	NB TL	6.0	12.0	10.0		8.0					0.0	20
679+50	NB	8.0	12.0	10.0		10.7					0.0	20
679+70	NB	10.0	12.0	10.0		13.3					0.0	20
679+75	NB TL	6.0	12.0	10.0		8.0					49.5	20
680+00	NB	6.0	12.0	10.0		8.0					0.0	20
680+20	NB	6.0	12.0	10.0		8.0					49.5	20
680+50	NB	12.0	12.0	10.0			16.0			16.0	0.0	20
682+15	NB	6.0	12.0	10.0		8.0					49.5	20
683+20	NB	20.0	14.0	10.0				31.1	9	31.1	0.0	24
684+20	NB	25.0	6.0	10.0			16.7		12	16.7	69.5	10
684+70	NB	30.0	6.0	10.0			20.0		14	20.0	0.0	10
686+15	NB PL	8.0	10.0	10.0		8.9					47.5	14
686+25	NB DL	6.0	12.0	10.0		8.0					0.0	20
686+25	NB PL	6.0	10.0	10.0		6.7					43.5	14
686+70	DL	6.0	12.0	10.0		8.0					0.0	20
686+70	PL	6.0	12.0	10.0		8.0					49.5	20
687+70	PL	6.0	12.0	10.0		8.0					0.0	20
689+60	DL	6.0	12.0	10.0		8.0					49.5	20
689+70	PL	12.0	12.0	10.0			16.0			16.0	0.0	20
689+75	DL	6.0	12.0	10.0		8.0					49.5	20
690+40	DL	10.0	12.0	10.0		13.3					0.0	20
690+40	PL	10.0	12.0	10.0		13.3					57.5	20
690+65	DL	6.0	12.0	10.0		8.0					0.0	20
690+65	PL	6.0	12.0	10.0		8.0					49.5	20
690+80	DL	6.0	12.0	10.0		8.0					0.0	20
690+80	PL	6.0	12.0	10.0		8.0					49.5	20
690+15	DL	8.0	12.0	10.0		10.7					0.0	20
690+15	PL	10.0	12.0	10.0		13.3					57.5	20
695+20	DL	6.0	12.0	10.0		8.0					0.0	20
695+20	PL	6.0	12.0	10.0		8.0					49.5	20

USER NAME = myra.oltman	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/21/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CLASS B PATCHING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74B18	

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STATION	LANE	PLAN		PLAN	CLASS B TYPE 1 SQ YD	CLASS B TYPE 2 SQ YD	CLASS B TYPE 3 SQ YD	CLASS B TYPE 4 SQ YD	TIE BARS EACH	WELDED WIRE REINFORCEMENT SQ YD	SAW CUT FEET	DOWELS EACH
		LENGTH	WIDTH	DEPTH								
		FEET	FEET	INCHES								
695+70	TL	6.0	6.0	10.0	4.0						31.5	10
695+70	PL	6.0	12.0	10.0		8.0					0.0	20
695+20	PL	18.0	12.0	10.0			24.0		8	24.0	73.5	20
695+20	DL	18.0	12.0	10.0			24.0		8	24.0	0.0	20
695+15	TL	6.0	12.0	10.0		8.0					49.5	20
694+70	PL	6.0	12.0	10.0		8.0					0.0	20
694+70	TL	6.0	10.0	10.0		6.7					43.5	14
694+20	PL	6.0	12.0	10.0		8.0					0.0	20
693+75	TL	6.0	12.0	10.0		8.0					49.5	20
693+75	PL	6.0	12.0	10.0		8.0					0.0	20
693+75	DL	6.0	12.0	10.0		8.0					49.5	20
692+65	TL	10.0	12.0	10.0		13.3					0.0	20
692+65	PL	6.0	12.0	10.0		8.0					49.5	20
692+65	DL	6.0	12.0	10.0		8.0					0.0	20
692+25	DL	12.0	12.0	10.0			16.0			16.0	61.5	20
692+25	PL	12.0	12.0	10.0			16.0			16.0	0.0	20
691+70	DL	6.0	12.0	10.0		8.0					49.5	20
691+70	PL	6.0	12.0	10.0		8.0					0.0	20
691+15	DL	12.0	12.0	10.0			16.0			16.0	61.5	20
691+15	PL	12.0	12.0	10.0			16.0			16.0	0.0	20
690+65	DL	15.0	12.0	10.0			20.0		7	20.0	67.5	20
690+65	PL	15.0	12.0	10.0			20.0		7	20.0	0.0	20
690+25	DL	6.0	12.0	10.0		8.0					49.5	20
690+25	PL	6.0	12.0	10.0		8.0					0.0	20
689+75	DL	40.0	12.0	10.0			53.3		19	53.3	117.5	20
689+75	PL	40.0	12.0	10.0			53.3		19	53.3	0.0	20
689+30	DL	6.0	12.0	10.0		8.0					49.5	20
689+30	PL	6.0	12.0	10.0		8.0					0.0	20
689+15	DL	6.0	12.0	10.0		8.0					49.5	20
689+15	PL	6.0	12.0	10.0		8.0					0.0	20
688+70	SB	6.0	18.0	10.0		12.0					67.5	28
688+20	SB	6.0	18.0	10.0		12.0					0.0	28
687+70	SB	18.0	12.0	10.0			24.0		8	24.0	73.5	20
685+70	SB	6.0	12.0	10.0		8.0					0.0	20
685+25	SB	18.0	12.0	10.0			24.0		8	24.0	73.5	20
684+75	SB	6.0	12.0	10.0		8.0					0.0	20
684+20	SB	12.0	14.0	10.0			18.7			18.7	67.5	24
683+75	SB	18.0	14.0	10.0				28.0	8	28.0	0.0	24
683+30	SB	6.0	14.0	10.0		9.3					55.5	24
682+95	SB	15.0	12.0	10.0			20.0		7	20.0	0.0	20
682+90	TL	30.0	10.0	10.0				33.3	14	33.3	91.5	14
682+17	TL	6.0	12.0	10.0		8.0					0.0	20
682+17	DL	6.0	12.0	10.0		8.0					49.5	20
681+75	TL	6.0	12.0	10.0		8.0					0.0	20
681+75	DL	6.0	12.0	10.0		8.0					49.5	20
681+50	DL	6.0	12.0	10.0		8.0					0.0	20
681+20	TL	6.0	12.0	10.0		8.0					49.5	20
681+20	DL	6.0	12.0	10.0		8.0					0.0	20
681+00	DL	6.0	12.0	10.0		8.0					49.5	20
680+70	DL	6.0	12.0	10.0		8.0					0.0	20
680+70	TL	6.0	12.0	10.0		8.0					49.5	20
680+25	TL	6.0	12.0	10.0		8.0					0.0	20
679+75	DL	6.0	12.0	10.0		8.0					49.5	20
678+30	DL	6.0	12.0	10.0		8.0					0.0	20
677+70	SB	6.0	12.0	10.0		8.0					49.5	20
677+50	SB	6.0	12.0	10.0		8.0					0.0	20
677+20	SB	8.0	12.0	10.0		10.7					53.5	20
677+00	SB	6.0	12.0	10.0		8.0					0.0	20
676+75	SB	12.0	12.0	10.0			16.0			16.0	61.5	20
676+35	SB	6.0	12.0	10.0		8.0					0.0	20
676+20	SB	6.0	12.0	10.0		8.0					49.5	20
675+80	SB	15.0	12.0	10.0			20.0		7	20.0	0.0	20
672+75	SB	12.0	12.0	10.0			16.0			16.0	61.5	20
672+50	SB	6.0	12.0	10.0		8.0					0.0	20

USER NAME = myra.oltman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS B PATCHING SCHEDULE				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0147' / in.	DRAWN -	REVISED -		714	(129,128)RS-4	MACON	38	12				
PLOT DATE = 3/21/2024	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 74B18				
	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

STATION	LANE	PLAN		PLAN	CLASS B	CLASS B	CLASS B	CLASS B	TIE	WELDED WIRE	SAW	
		LENGTH	WIDTH	DEPTH	TYPE 1	TYPE 2	TYPE 3	TYPE 4	BARS	REINFORCEMENT	CUT	DOWELS
		FEET	FEET	INCHES	SQ YD	SQ YD	SQ YD	SQ YD	EACH	SQ YD	FEET	EACH
672+30	SB	10.0	12.0	10.0		13.3					57.5	20
672+00	SB	8.0	12.0	10.0		10.7					0.0	20
671+80	SB	6.0	12.0	10.0		8.0					49.5	20
671+35	SB	30.0	12.0	10.0				40.0	14	40.0	0.0	20
670+80	SB	6.0	12.0	10.0		8.0					49.5	20
670+55	SB	6.0	12.0	10.0		8.0					0.0	20
668+50	SB	6.0	12.0	10.0		8.0					49.5	20
				TOTALS	16.0	2147.6	1327.4	356.4	458.0	1683.8	9648.0	6506.0

PARTIAL DEPTH PAVEMENT PATCHING SCHEDULE										
LOCATION	STATION	TO	STATION	LENGTH	WIDTH	AREA	PARTIAL DEPTH PATCHING	PARTIAL DEPTH REMOVAL, TYPE II, 4"	PARTIAL DEPTH REMOVAL, TYPE III, 4"	PARTIAL DEPTH REMOVAL, TYPE IV, 4"
				FEET	FEET	SQ YD	TON	SQ YD	SQ YD	SQ YD
NB LANE LINES	683+10		685+85	275	4	122.2	27.4			122.2
NB LANE LINES	687+60		688+95	135	4	60.0	13.4		60	
NB LANE LINES	690+70		691+75	105	4	46.7	10.5	46.7		
NB LANE LINES	695+20		699+20	400	4	177.8	39.8			177.8
NB LANE LINES	699+70		702+30	260	4	115.6	25.9			115.6
NB LANE LINES	702+80		716+40	1360	4	604.4	135.4			604.4
NB LANE LINES	721+50		724+50	300	4	133.3	29.9			133.3
SB LANE LINES	719+75		716+65	310	4	137.8	30.9			137.8
SB LANE LINES	715+60		712+20	340	4	151.1	33.8			151.1
SB LANE LINES	711+30		706+65	465	4	206.7	46.3			206.7
SB LANE LINES	706+20		698+50	770	4	342.2	76.7			342.2
SB LANE LINES	698+00		697+30	70	4	31.1	7.0	31.1		
SB TL	697+00		694+75	225	4	100.0	22.4			100.0
SB LANE LINES	697+00		694+75	225	4	100.0	22.4			100.0
SB LANE LINES	690+30		687+70	260	4	115.6	25.9			115.6
SB LANE LINES	683+85		678+35	550	4	244.4	54.8			244.4
					TOTAL	2689	602	78	60	2551

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USER NAME = myra.oltman	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS B PATCHING SCHEDULE AND PARTIAL DEPTH PATCHING				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -	714						(129,128)RS-4	MACON	38	13	
PLOT SCALE = 100.0147' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 74B18				
PLOT DATE = 3/21/2024	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

RESURFACING SCHEDULE

STATION	TO	STATION	LENGTH	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2" SQ YD	HOT-MIX ASPHALT SHOULDERS, 3 1/2" SQ YD	HOT-MIX ASPHALT SHOULDERS TON	PAVED SHOULDER REMOVAL SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL 2" SQ YD	HOT-MIX ASPHALT SHOULDERS, 8" SQ YD	BITUMINOUS MATERIALS (TACK COAT) POUND	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90 TONS	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90 TONS	AGGREGATE WEDGE SHOULDERS, TYPE B TON	TEMPORARY RAMP SQ YD	SHOULDER RUMBLE STRIPS, 8 INCH FOOT	LONGITUDINAL JOINT SEALANT FOOT
666+37		668+30	193	279	279	59	0	0	0	348	50	58	18	13.5	386	193
668+30		670+03	173	384	384	81	0	0	0	312	45	52	16		311	173
670+03		671+21	118	262	262	55	0	0	0	275	40	46	11		179	118
671+21		677+22	601	668	668	140	0	0	0	1713	249	284	57		1202	601
677+22		678+28	106	118	118	25	0	0	0	303	44	50	10		106	106
678+28		678+54	26	29	29	6	0	0	0	75	11	12	1		0	26
678+54		679+00	46	0	0	0	0	0	0	132	19	22	0		0	46
679+00		679+56	56	62	62	13	0	0	0	160	23	26	3		0	56
679+56		681+04	148	164	164	35	0	0	0	422	61	70	7		148	148
681+04		684+95	391	869	869	182	0	0	0	1257	182	208	37		782	391
684+95		685+62	67	149	149	31	0	0	0	233	34	39	6		134	67
685+62		687+10	148	329	329	69	0	0	0	511	74	85	14		296	148
687+10		688+61	151	336	336	70	0	0	0	555	81	92	14		302	151
688+61		690+97	236	524	524	110	0	0	0	921	134	153	22		472	236
690+97		691+67	70	78	78	16	0	0	0	273	40	45	3		70	140
691+67		692+13	46	51	51	11	0	0	0	180	26	30	2		46	92
692+13		692+31	18	20	20	4	0	0	0	71	10	12	1		36	36
692+31		692+56	25	56	56	12	0	0	0	132	19	22	2		50	50
692+56		692+73	17	19	19	4	0	0	0	90	13	15	1		17	34
692+73		694+00	127	282	282	59	0	0	0	601	87	100	12		127	254
694+00		695+07	107	238	238	50	0	0	0	506	73	84	10		214	214
695+07		696+42	135	300	300	63	0	0	0	527	76	87	13		270	270
696+42		697+77	135	300	300	63	0	0	0	583	85	97	13		270	270
697+77		699+00	123	273	273	57	0	0	0	531	77	88	12		246	246
699+00		701+25	225	0	0	105	500	0	500	971	141	161	21		450	450
701+25		706+25	500	1111	1111	233	0	0	0	1950	283	324	48		1000	1000
706+25		706+95	70	78	78	16	0	0	0	273	40	45	3		70	140
706+95		707+59	64	71	71	15	0	0	0	272	39	45	3		64	128
707+59		707+84	25	28	28	6	0	0	0	132	19	22	1		50	50
707+84		708+04	20	22	22	5	0	0	0	105	15	17	1		20	40
708+04		709+40	136	151	151	32	0	0	0	643	93	107	7		136	272
709+40		710+35	95	211	211	44	0	0	0	243	35	40	9		190	190
710+35		711+70	135	300	300	63	0	0	0	608	88	101	13		270	270
711+70		713+05	135	300	300	63	0	0	0	547	79	91	13		270	270
713+05		715+41	236	524	524	110	0	0	0	912	132	151	22		472	472
715+41		716+12	71	158	158	33	0	0	0	261	38	43	7		142	142
716+12		717+70	158	351	351	74	0	0	0	400	58	66	15		316	158
717+70		721+00	330	733	733	154	0	0	0	625	91	104	31		660	330
721+00		725+26	426	947	947	199	0	0	0	767	111	127	40		852	426
BOWMAN			10	27	27	6	0	277	0	84	12	133	1		0	0
CH 28			103	233	233	49	0	0	0	295	43	730	10		0	80
HERITAGE RD			118	262	262	55	0	0	0	276	40	817	11		0	100
RAMP A			63	56	56	12	22.5	0	0	87	13	249	6		0	0
RAMP B			58	58	58	12	0	0	0	138	20	294	6		0	0
RAMP C			63	56	56	12	22.5	0	0	87	13	249	6		0	0
RAMP D			58	58	58	12	0	0	0	138	20	294	6	13.5	0	0
TOTAL			6359	11527	11527	2526	545	277	500	20525	2977	5984	566	27	10626	8820

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USER NAME = Mona.Steffen
DRAWN -
PLOT SCALE = 100,0000' / in.
PLOT DATE = 2/13/2024

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RESURFACING SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	15
CONTRACT NO. 74818				
ILLINOIS FED. AID PROJECT				

PROTECTING OR RESETTING SURVEY MARKERS						
POINT #	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	EACH
1000	1141761.29	794702.158	700+00	0	BRASS DISK IN CONC ISLAND	1
1001	1140222.79	793286.691	679+09.69	0	BRASS DISK	1
1002	1142913.93	795763.491	715+66.80	0	BRASS DISK IN CONC ISLAND	1
TOTAL						3

CORRUGATED MEDIAN REMOVAL			
STATION	TO	STATION	SQ FT
671+22.00	TO	678+28.00	4580
679+59.00	TO	679+78.00	159
679+94.00	TO	688+61.00	5587
715+41.00	TO	717+70.00	1012
TOTAL			11338

COMBINATION CURB AND GUTTER REMOVAL			
STATION	TO	STATION	FOOT
687+10.00	TO	687+18.00	13
691+67.00	TO	691+97.00	92
692+70.00	TO	692+96.00	68
706+95.00	TO	704+31.50	92
707+98.00	TO	708+25.00	68
716+11.00		716+19.00	13
CH 28			60
HERITAGE RD			82
RAMP B			41
RAMP D			41
TOTAL			570

PORTLAND CEMENT CONCRETE BASE COURSE 9"			
LOCATION			
STATION	TO	STATION	SQ YD
671+22.0	TO	678+28.0	509
679+59.0	TO	679+78.0	18
679+94.0	TO	688+61.0	621
691+67.0	TO	691+97.0	60
715+41.0	TO	717+70.0	112
RAMP A	0	0+00.0	23
RAMP C	0	0+00.0	23
TOTAL			1365

CONCRETE MEDIAN SURFACE, 4 INCH			
STATION	TO	STATION	SQ FT
CH 28			185
HERITAGE			185
RAMP B			185
RAMP D			185
TOTAL			740

MEDIAN SURFACE REMOVAL			
STATION	TO	STATION	SQ FT
691+67		692+03	540
692+70		692+96	127
706+95		707+31	540
707+98		708+25	127
CH 28			209
HERITAGE RD			376
RAMP B			102
RAMP D			102
TOTAL			2123

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT			
STATION	TO	STATION	SQ YD
666+37		666+77	107
724+85		725+25	107
TOTAL			214

PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	
LOCATION	SQ YD
HERITAGE ROAD	28
TOTAL	28

HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH	
LOCATION	SQ YD
RAMP A	242
RAMP B	274
RAMP C	242
RAMP D	274
TOTAL	1032

RELOCATE EXISTING SIGNS	
LOCATION	EACH
STATION	
691+57	1
694+13	1
710+18	1
712+64	1
TOTAL	4

CONCRETE MEDIAN, TYPE SM (SPECIAL)			
STATION	TO	STATION	SQ FT
691+67		692+03	540
692+70		692+96	127
706+95		707+31	540
707+98		708+25	127
TOTAL			1334

COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)			
STATION	TO	STATION	FEET
CH 28			55
HERITAGE RD			55
RAMP B			55
RAMP D			55
691+67	TO	692+11	97
692+77	TO	692+96	42
706+96	TO	705+05	97
708+06	TO	708+25	42
TOTAL			498

CONCRETE MEDIAN SURFACE, CORRUGATED			
STATION	TO	STATION	SQ FT
685+62		688+61	1905
715+41		717+70	1108
TOTAL			3013

TRAFFIC CONTROL SCHEDULE							
	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	CHANGEABLE MESSAGE SIGN
	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	CAL DA
ILL ROUTE 48	1	1	1	1	1	1	28
TOTALS	1	1	1	1	1	1	28

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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

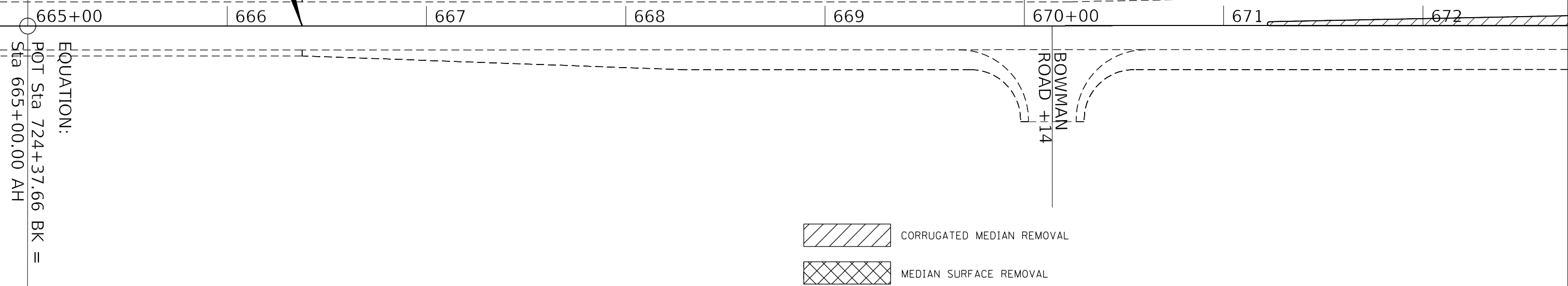
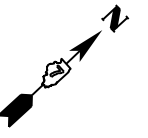
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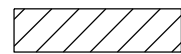

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	16
CONTRACT NO. 74818				
		ILLINOIS	FED. AID PROJECT	

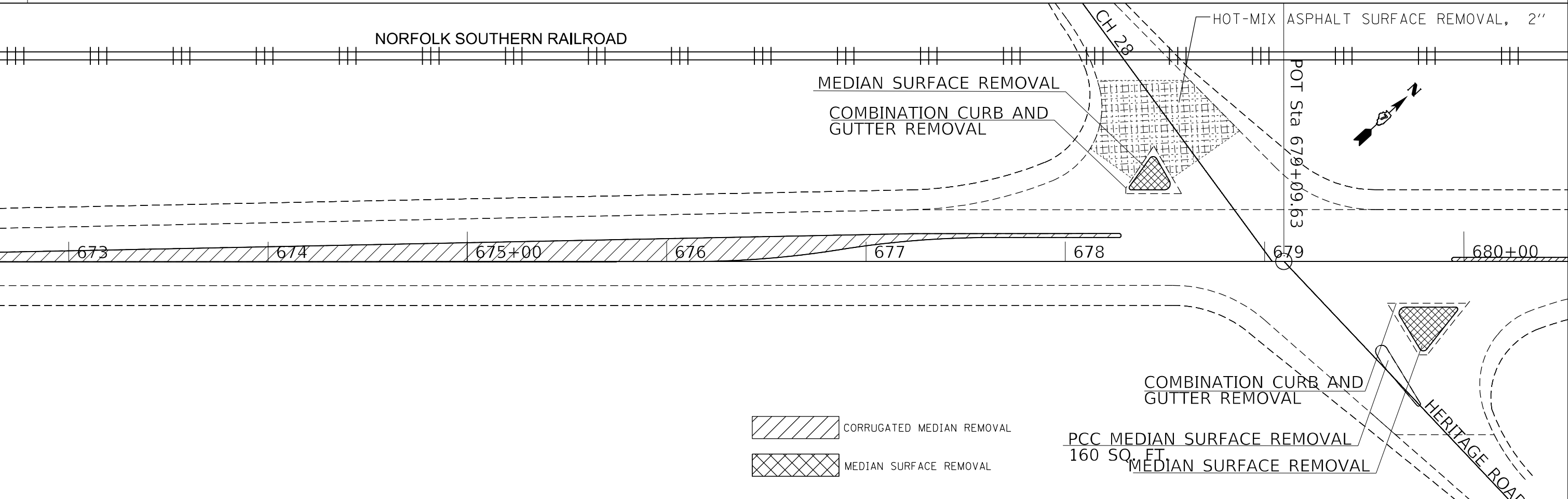
NORFOLK SOUTHERN RAILROAD



PROJECT BEGINS
STATION 666+37



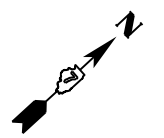
 CORRUGATED MEDIAN REMOVAL
 MEDIAN SURFACE REMOVAL

NORFOLK SOUTHERN RAILROAD



 CORRUGATED MEDIAN REMOVAL
 MEDIAN SURFACE REMOVAL

PCC MEDIAN SURFACE REMOVAL
160 SQ. FT.
MEDIAN SURFACE REMOVAL



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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN SHEET
STATION 665+00 TO STATION 680+00

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	17
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				

NORFOLK SOUTHERN RAILROAD

COMBINATION CURB AND GUTTER REMOVAL

680+00

681

682

683


684


685+00

686

687

TRAGE ROAD

 CORRUGATED MEDIAN REMOVAL

 MEDIAN SURFACE REMOVAL

NORFOLK SOUTHERN RAILROAD

COMBINATION CURB AND GUTTER REMOVAL

688

689

690+00

691

692

693

694

695+00

PI Sta 692+34.56

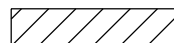
RAMP A


RAMP B

PAVED SHOULDER REMOVAL

MEDIAN SURFACE REMOVAL

COMBINATION CURB AND GUTTER REMOVAL

 CORRUGATED MEDIAN REMOVAL

 MEDIAN SURFACE REMOVAL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN SHEET
STATION 680+00 TO STATION 695+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	18
CONTRACT NO. 74B18				

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

NORFOLK SOUTHERN RAILROAD

Sta 700+00.00

PAVED SHOULDER REMOVAL

695+00

696

697

698

+00

699

700+00

+25

701

702

NORFOLK SOUTHERN RAILROAD

COMBINATION CURB AND GUTTER REMOVAL

703

704

705+00

706

707

708

709

710+00

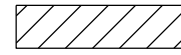

PAVED SHOULDER REMOVAL

RAMP C

RAMP D

MEDIAN SURFACE REMOVAL

COMBINATION CURB AND GUTTER REMOVAL

-  CORRUGATED MEDIAN REMOVAL
-  MEDIAN SURFACE REMOVAL

USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 2/13/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

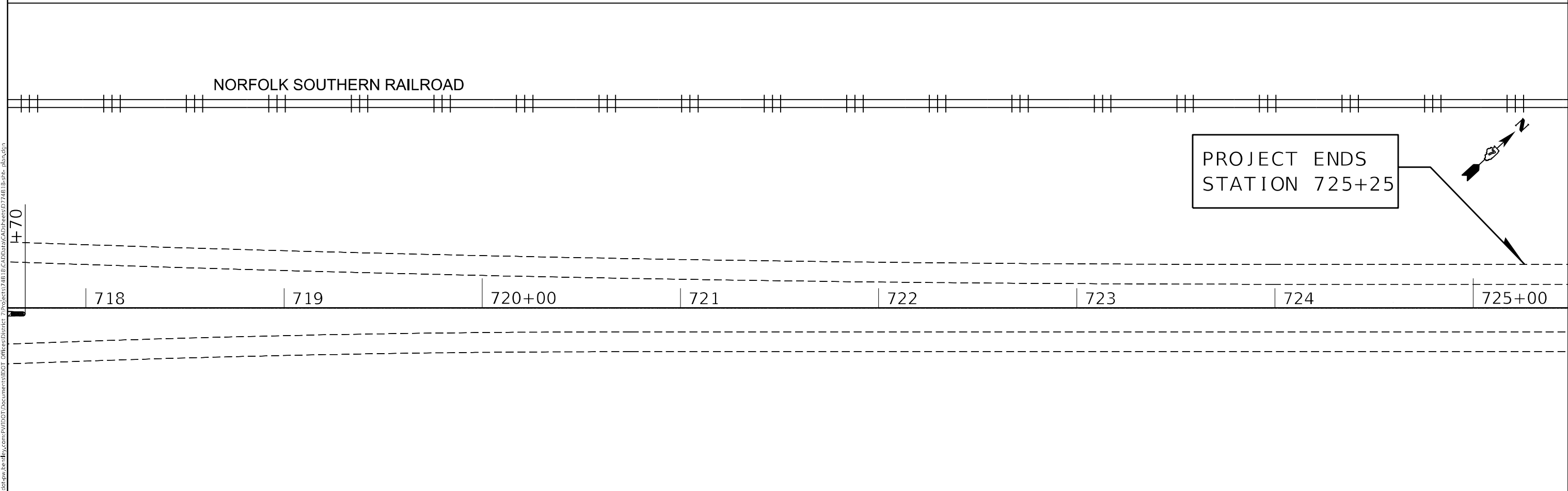
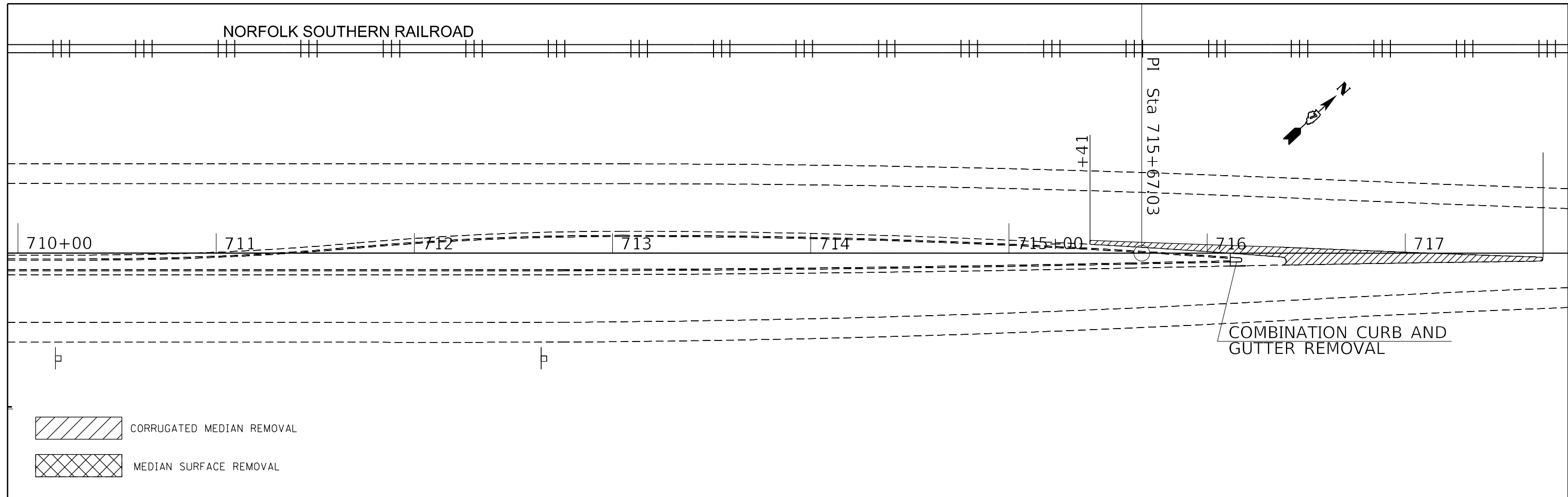
REMOVAL PLAN SHEET
STATION 695+00 TO STATION 710+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	19
CONTRACT NO. 74B18				

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
PLOT SCALE = 50,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN SHEET
STATION 710+00 TO STATION 725+00

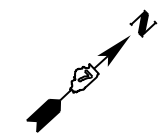
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	20
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				

NORFOLK SOUTHERN RAILROAD

PROJECT BEGINS
STATION 666+37

PORTLAND CEMENT CONCRETE
BASE COURSE 9"



665+00

670+00

EQUATION:
POT Sta 724+37.66 BK =
Sta 665+00.00 AH

HOT-MIX ASPHALT SURFACE
REMOVAL - BUTT JOINT

BOWMAN
ROAD +14

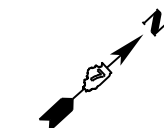
NORFOLK SOUTHERN RAILROAD

91'
OFFSET

PORTLAND CEMENT CONCRETE
BASE COURSE 9"

CONCRETE MEDIAN
SURFACE, 4 INCH
COMBINATION CONCRETE CURB
AND GUTTER, TYPE B (SPECIAL)

POT Sta 679+09.63



673

674

675+00

676

677

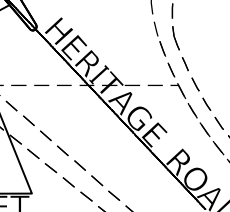
678

679

680+00

CONCRETE MEDIAN
SURFACE, 4 INCH
COMBINATION CONCRETE CURB
AND GUTTER, TYPE B (SPECIAL)
PORTLAND CEMENT CONCRETE
BASE COURSE 9"

87'
OFFSET



HERITAGE ROAD

MODEL: Default
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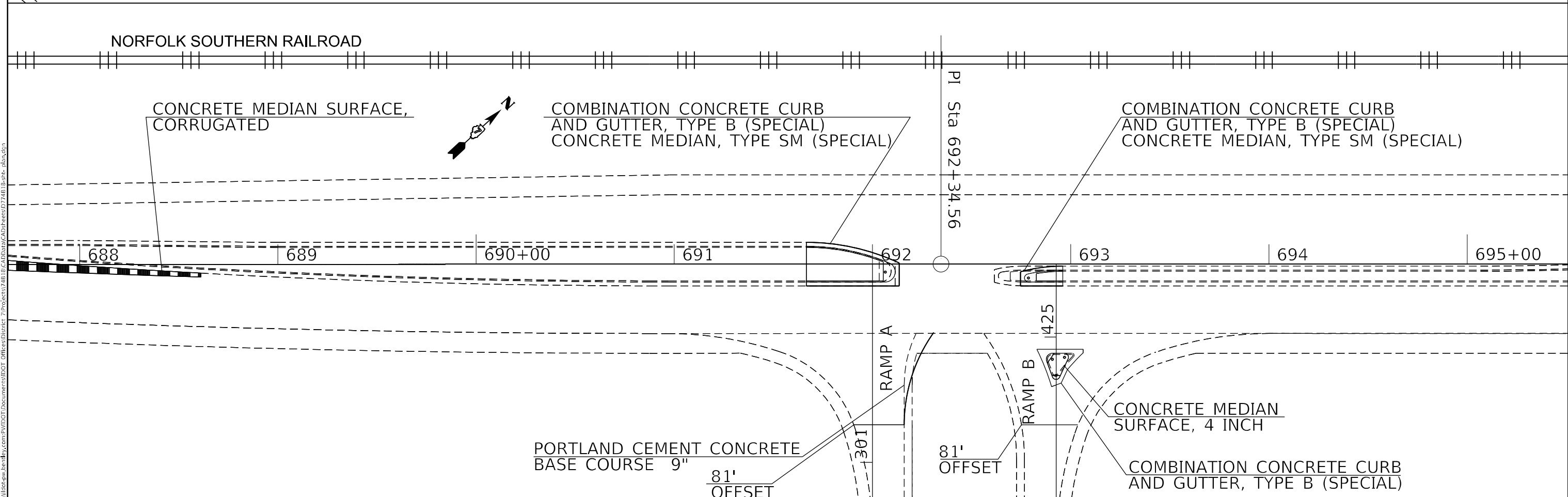
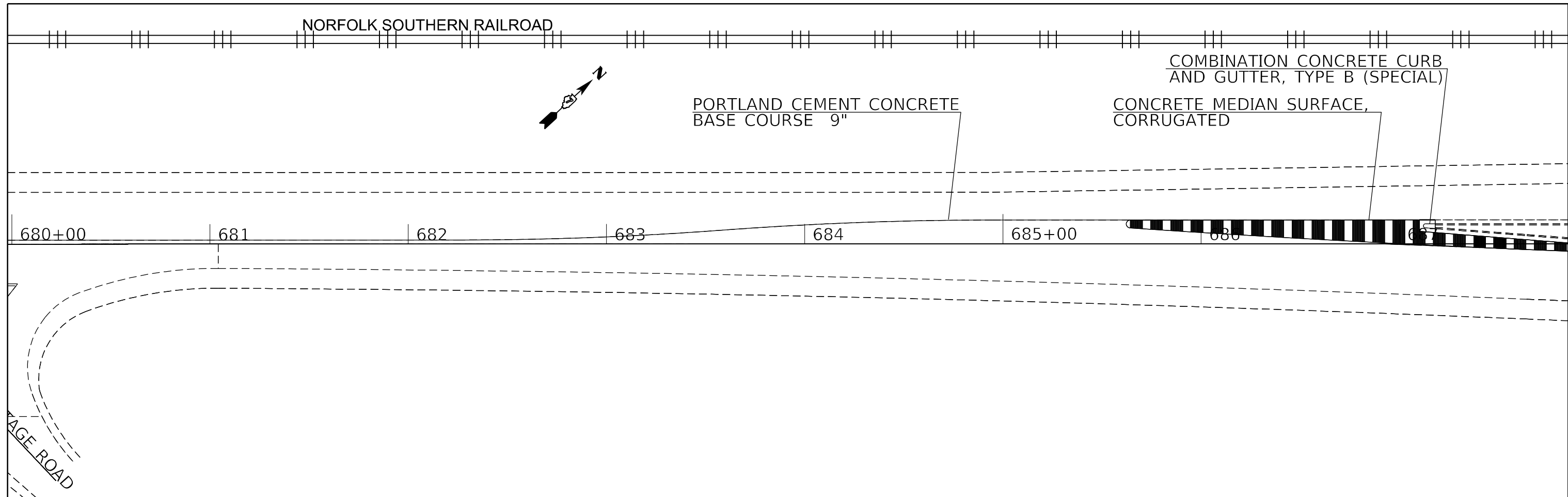
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
STATION 665+00 TO STATION 680+00

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	21
CONTRACT NO. 74B18				

ILLINOIS FED. AID PROJECT



MODEL: Default
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DRAWN -	REVISOR -	
PLOT SCALE = 50,0000 * / in.	CHECKED -	REVISOR -
PLOT DATE = 2/13/2024	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
STATION 680+00 TO STATION 695+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	22
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

NORFOLK SOUTHERN RAILROAD

HOT-MIX ASPHALT SHOULDERS, 8"

Sta 700+00.00

VERTICAL ADJUSTMENT OF
GUARDRAIL 264 FOOT

695+00

696

697

698

699

700+00

701

702

NORFOLK SOUTHERN RAILROAD

COMBINATION CONCRETE CURB
AND GUTTER, TYPE B (SPECIAL)
CONCRETE MEDIAN, TYPE SM (SPECIAL)

703

704

705+00

706

707

708

709

710+00

RAMP C

RAMP D

CONCRETE MEDIAN
SURFACE, 4 INCH

PORTLAND CEMENT CONCRETE
BASE COURSE 9"

81'
OFFSET

81'
OFFSET

COMBINATION CONCRETE CURB
AND GUTTER, TYPE B (SPECIAL)

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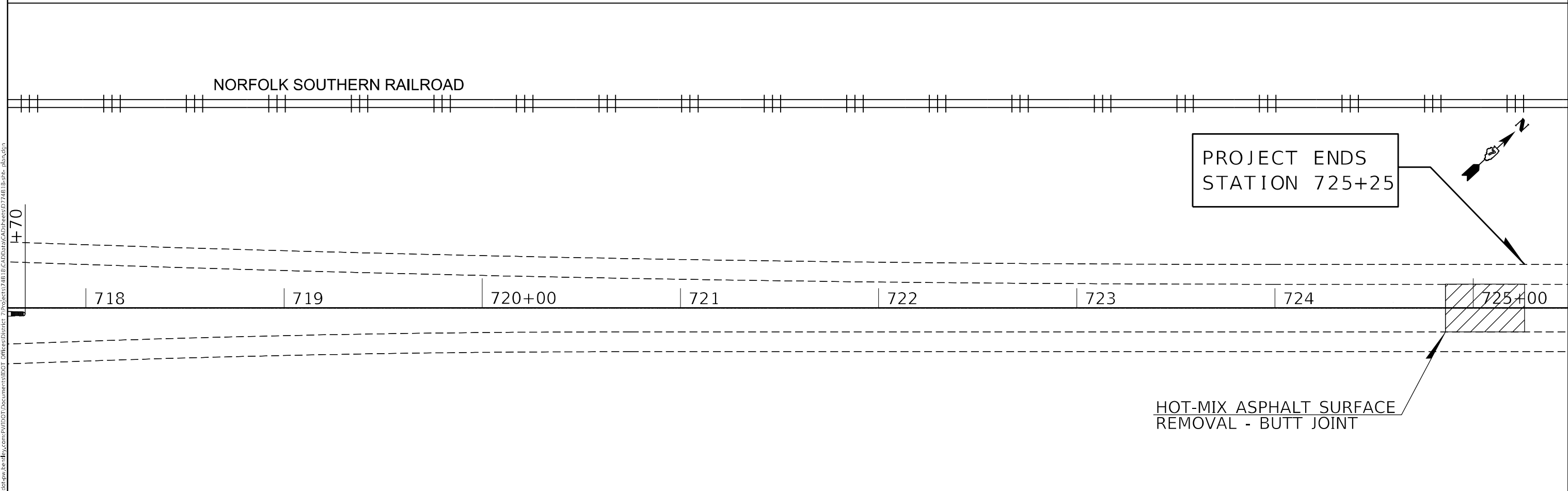
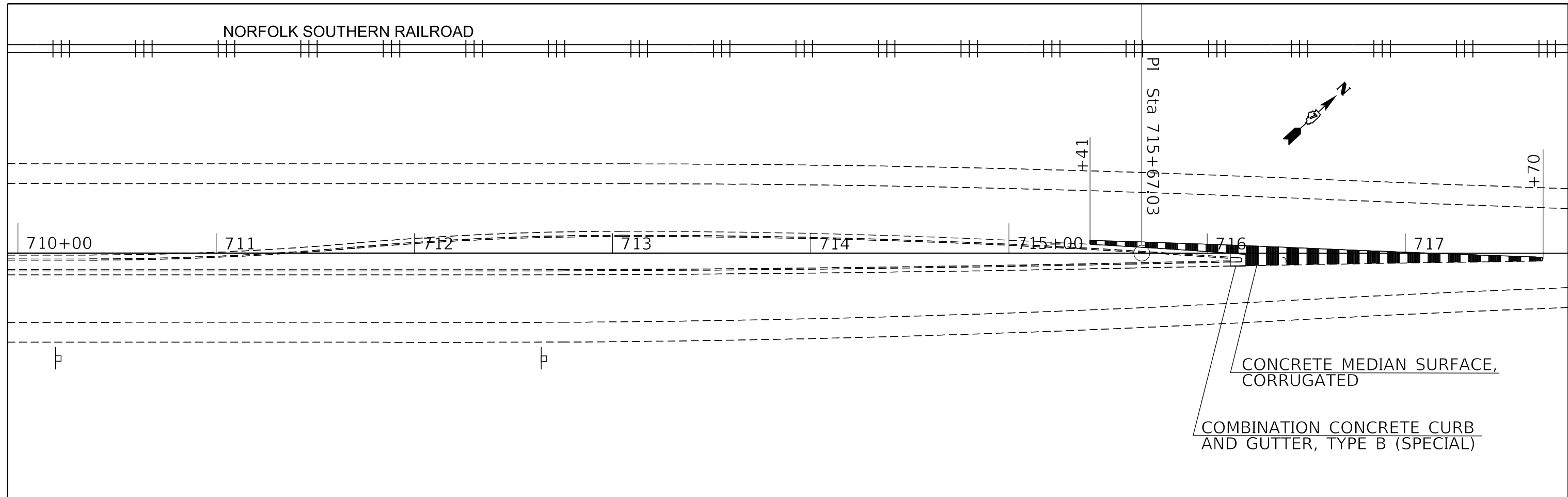
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PLOT DATE = 2/13/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
STATION 695+00 TO STATION 710+00

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	23
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				



MODEL: Default
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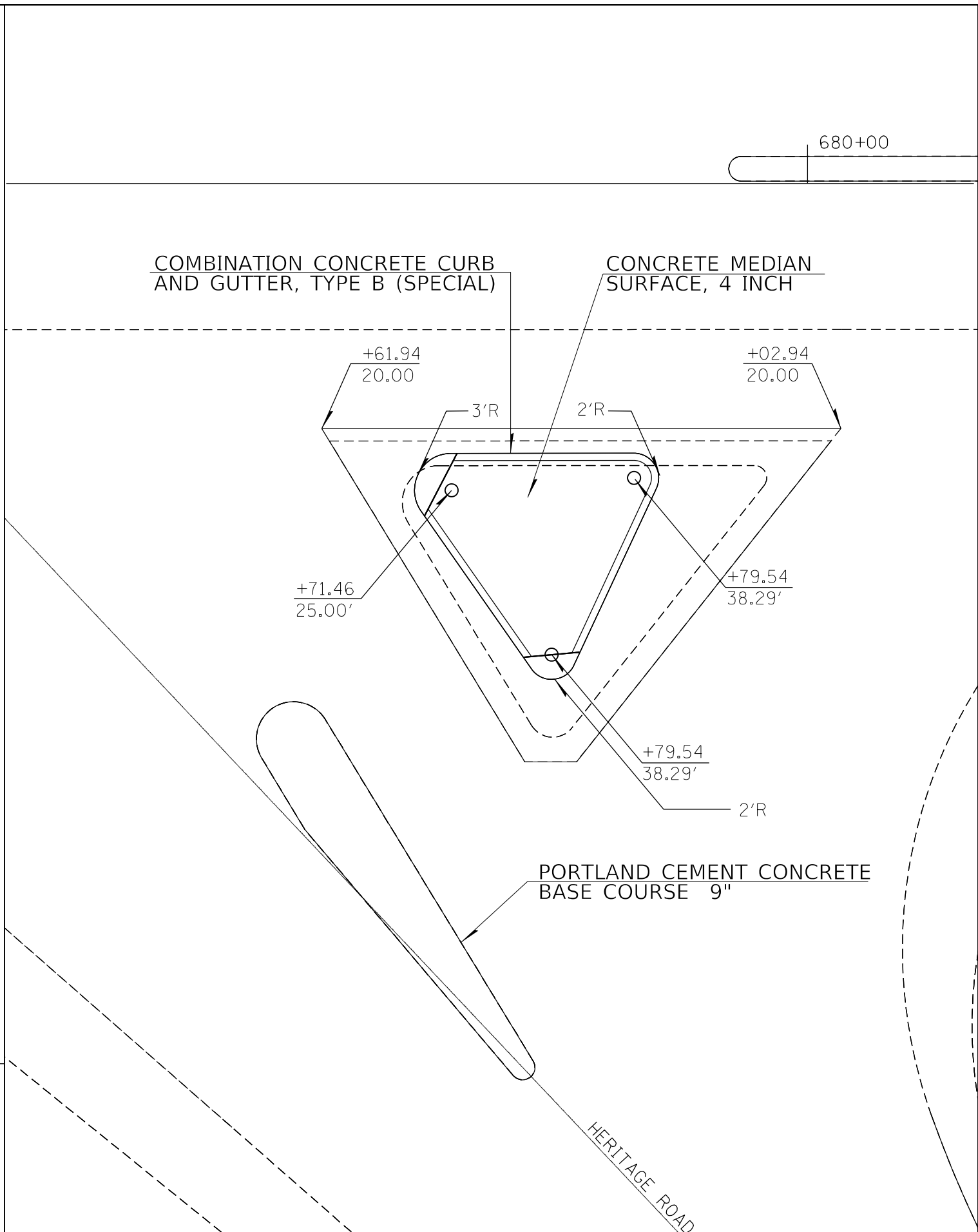
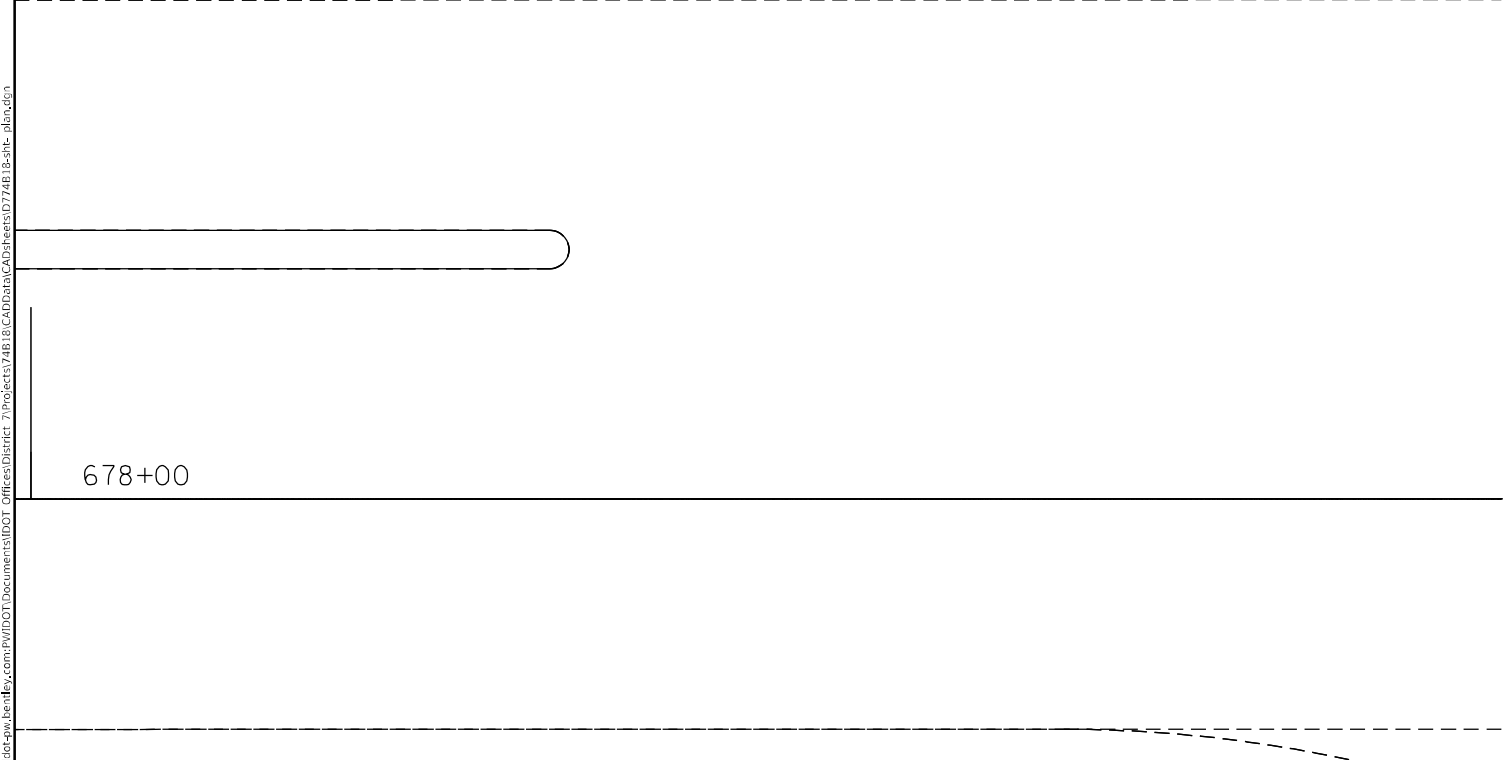
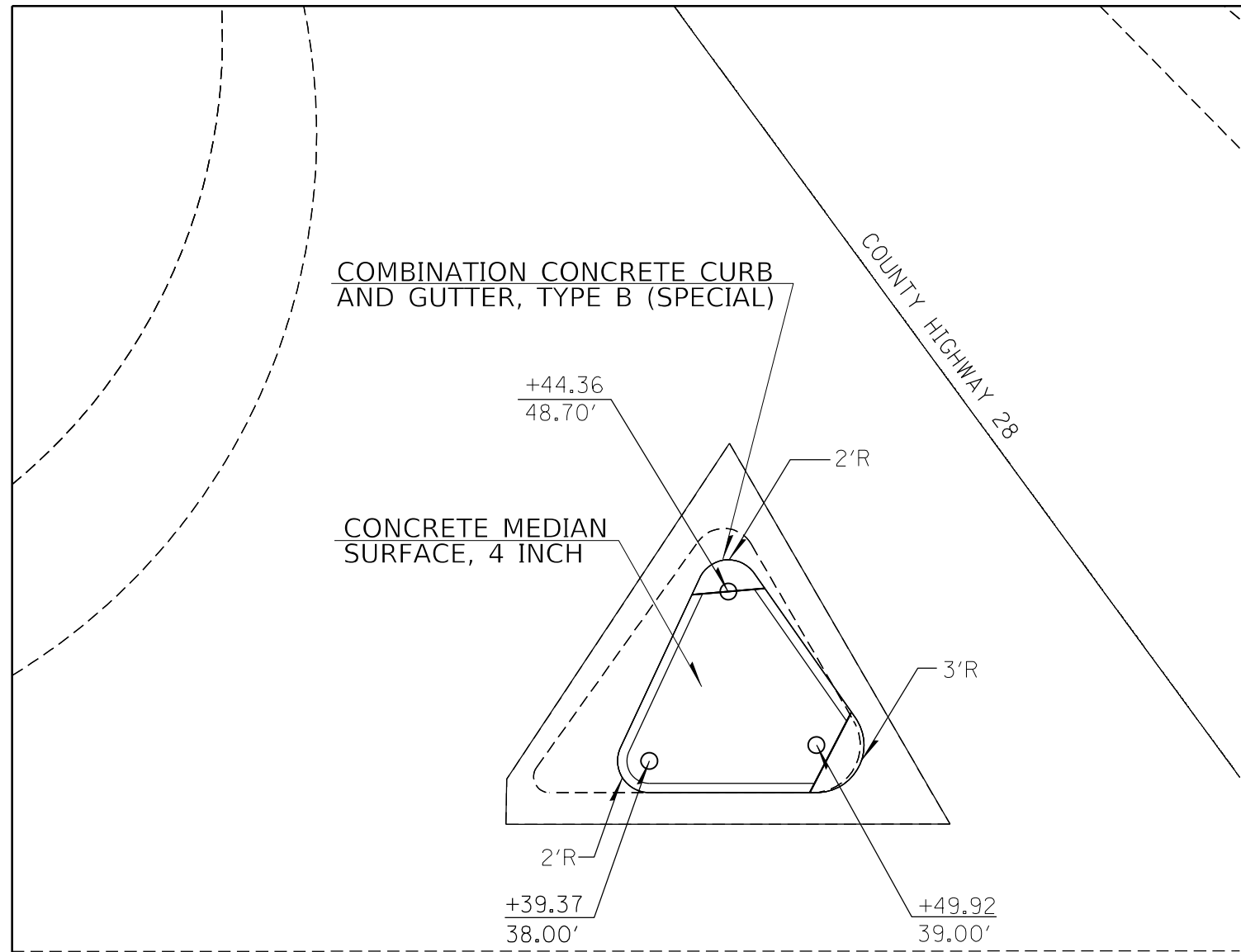
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
STATION 710+00 TO STATION 725+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	24
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

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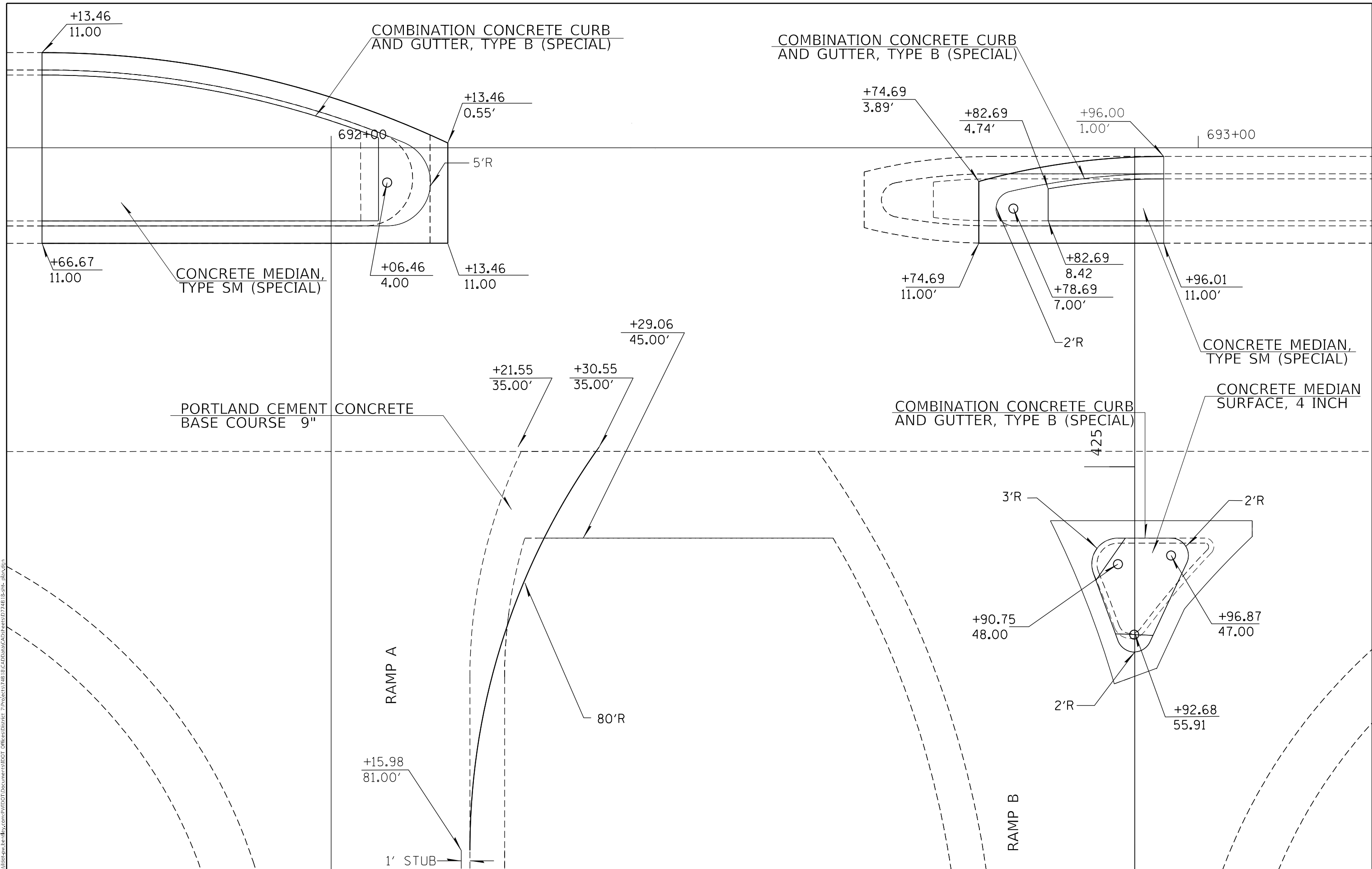
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ISLAND DETAILS
COUNTY HIGHWAY 28 & HERITAGE ROAD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	25
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

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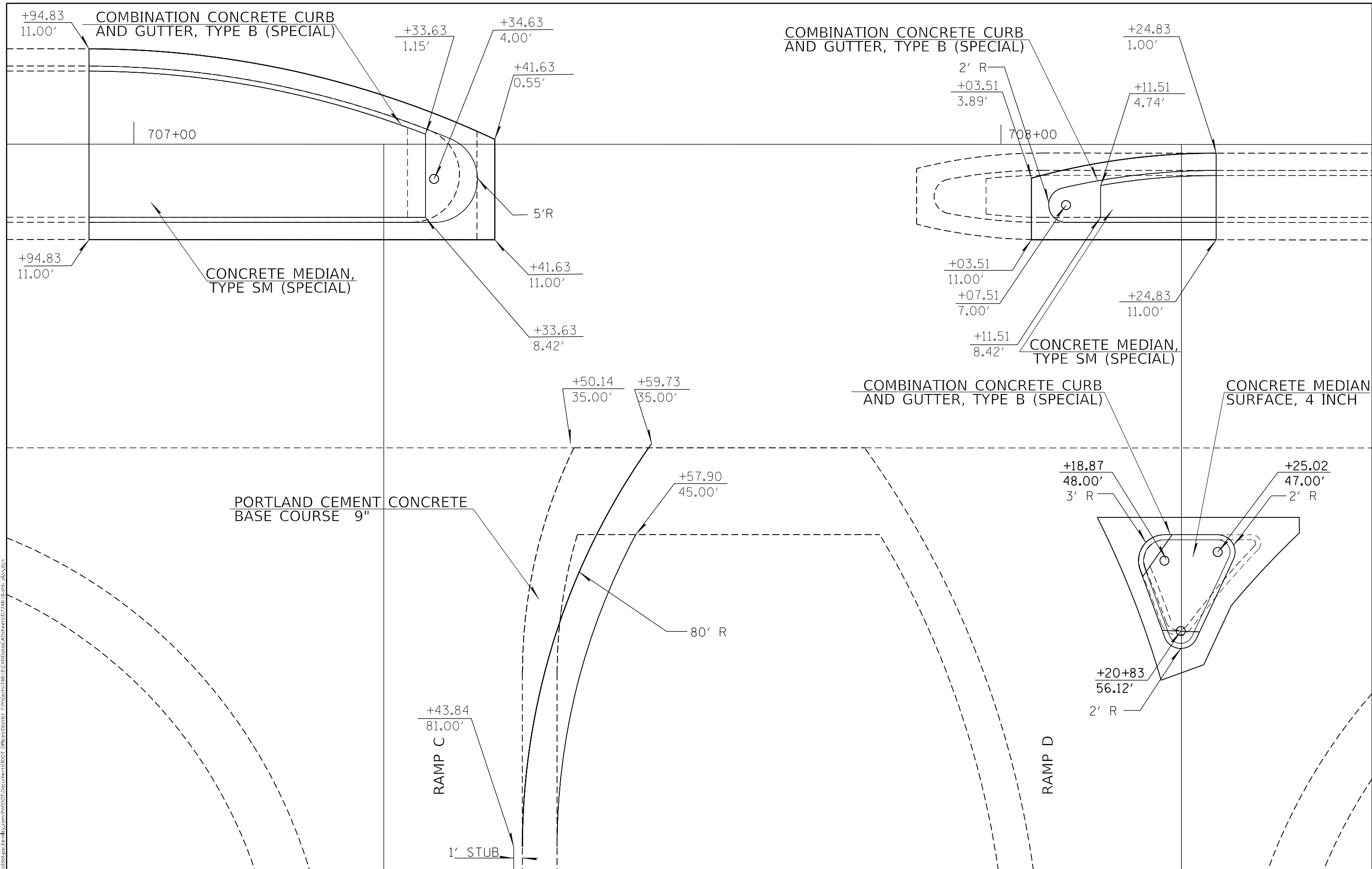
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN AND ISLAND DETAILS
RAMPS A & B

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	26
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				

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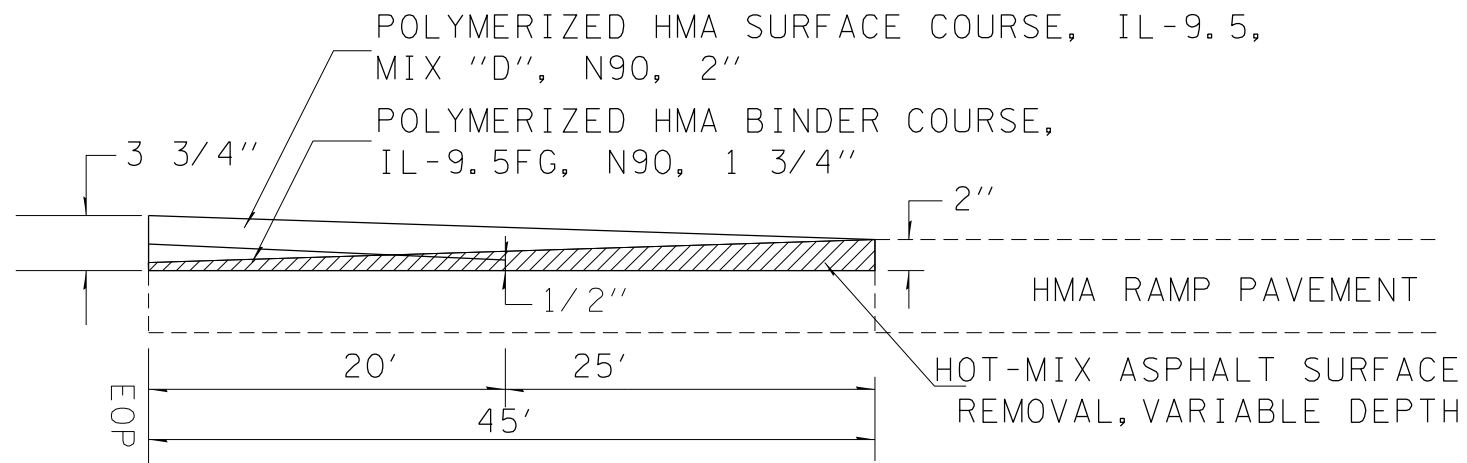
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DRAWN -	REVISED -	REVISED -
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PLOT DATE = 2/13/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN AND ISLAND DETAILS
RAMPS C & D

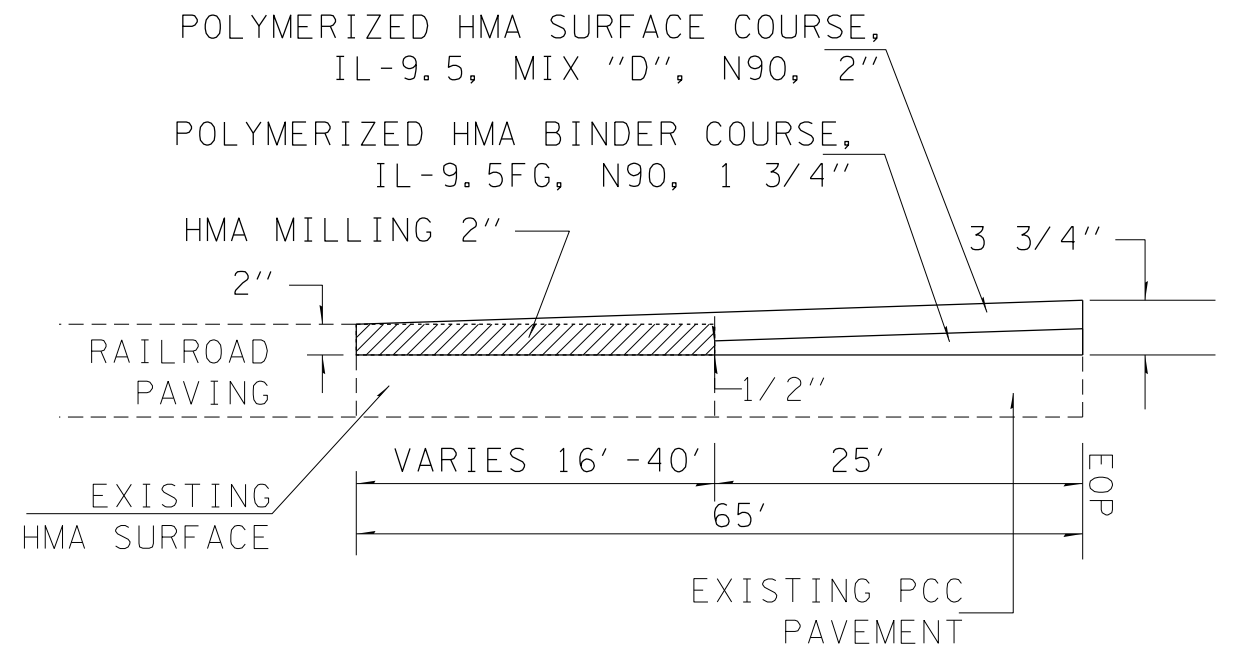
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 714	SECTION (129,128)RS-4	COUNTY MACON	TOTAL SHEETS 38	SHEET NO. 27
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				

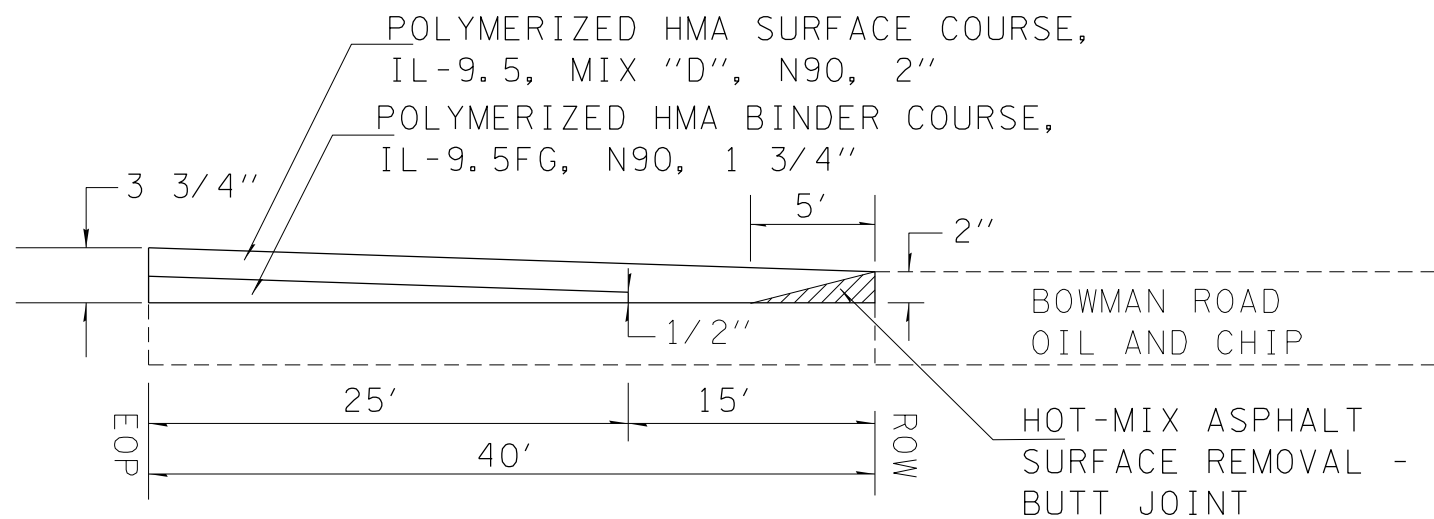


PAVING DETAIL FOR RAMPS

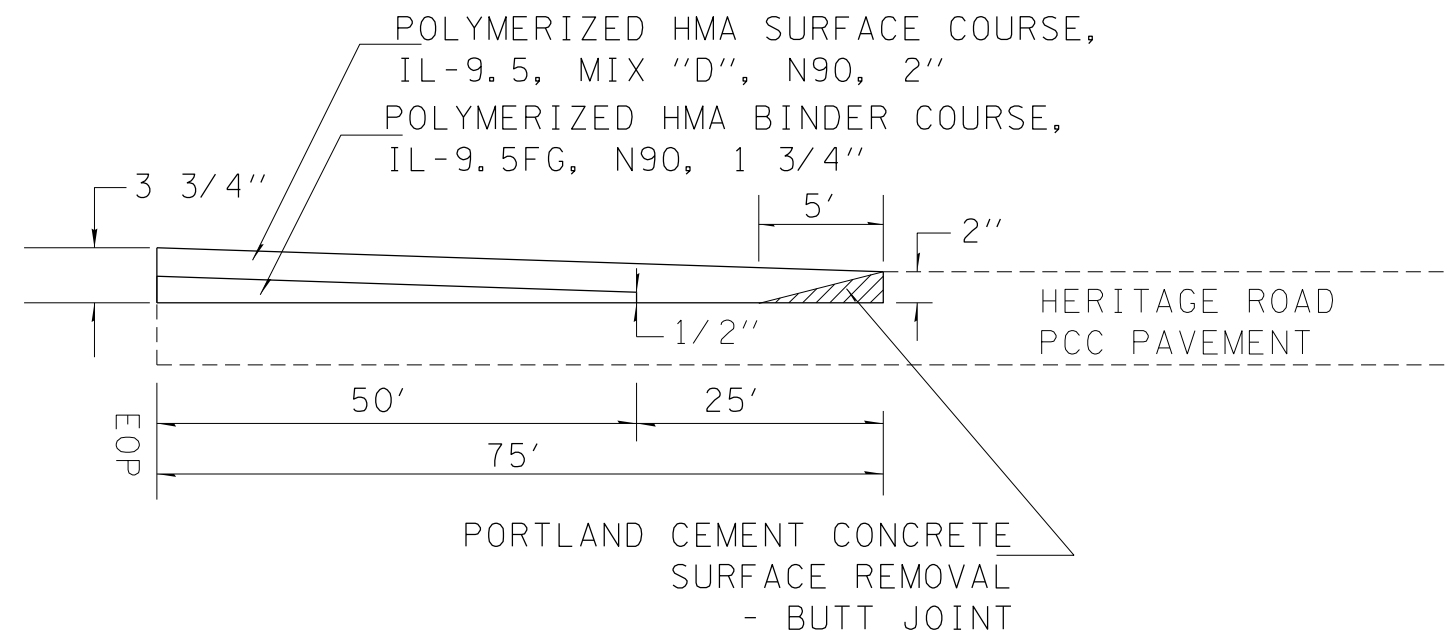
- RAMP A - STATION 692+00
- RAMP B - STATION 692+93
- RAMP C - STATION 707+29
- RAMP D - STATION 708+21



PAVING DETAIL AT COUNTY HIGHWAY 28
STATION 679+04



PAVING DETAIL AT BOWMAN ROAD
STATION 670+14



PAVING DETAIL AT HERITAGE ROAD
STATION 679+10

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	DATE -	REVISED -

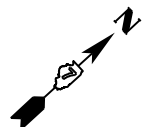
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND PAVING DETAILS

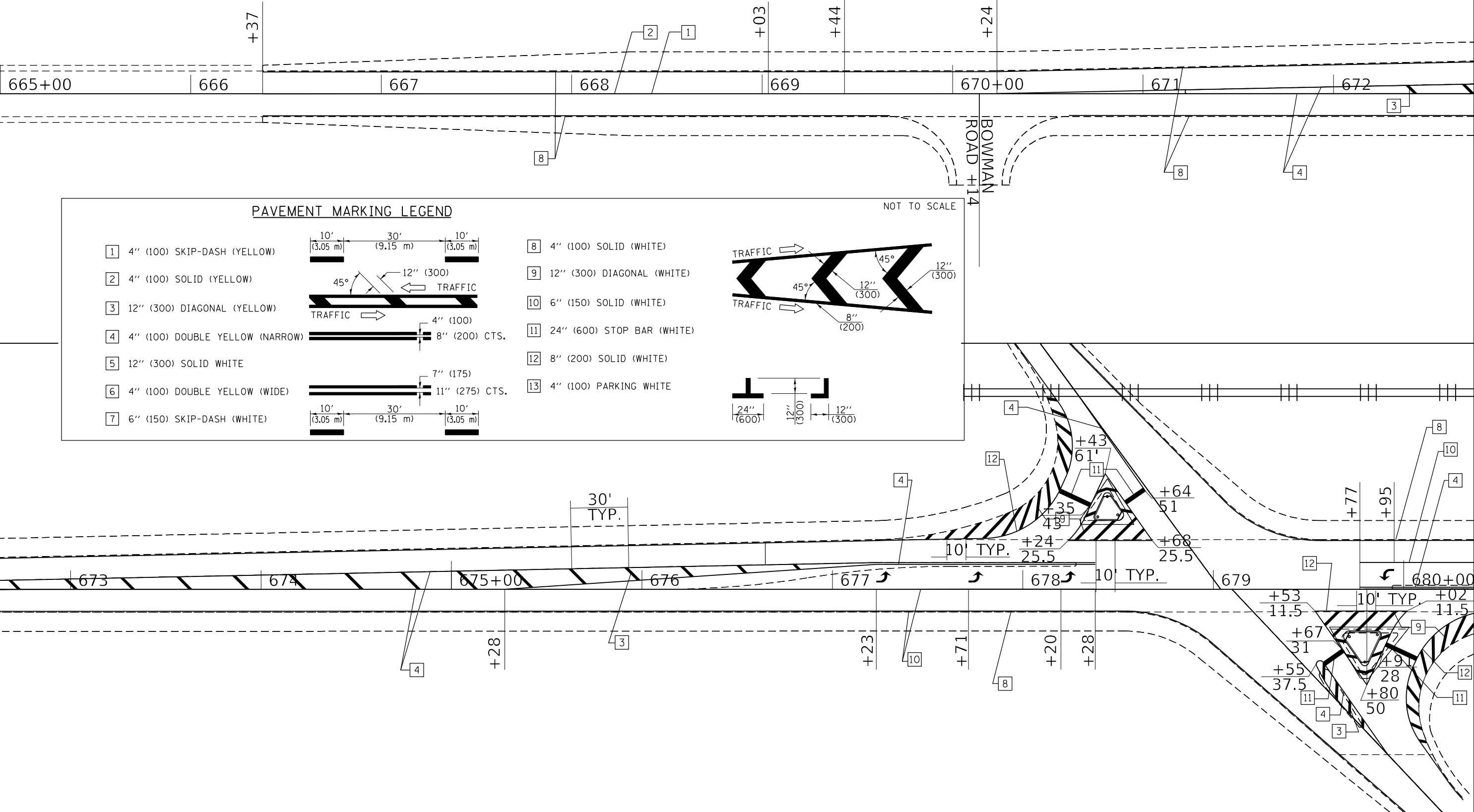
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	28
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				

NORFOLK SOUTHERN RAILROAD



500' NO PASSING ZONE
80' WIDE DOUBLE YELLOW



PAVEMENT MARKING LEGEND NOT TO SCALE

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

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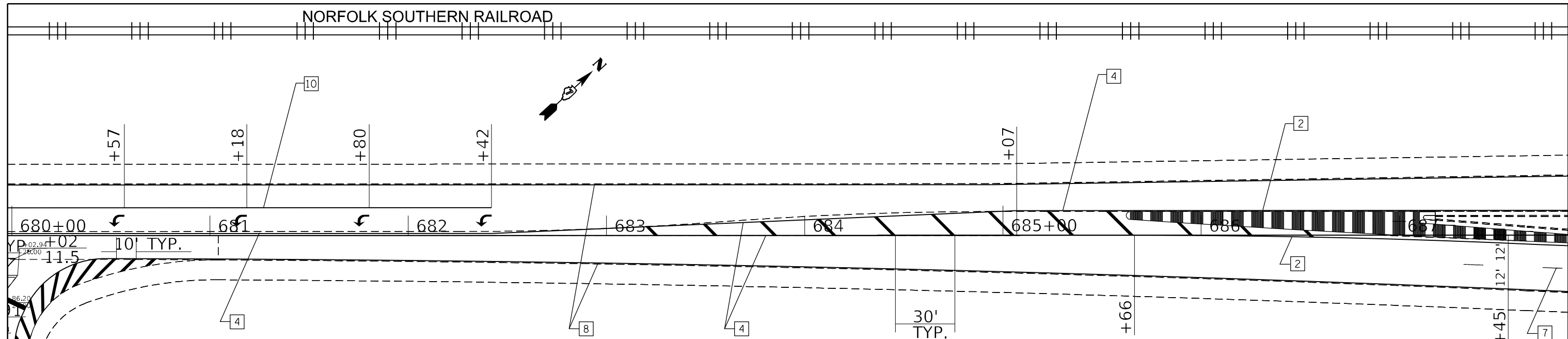
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PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
STATION 665+00 TO STATION 680+00			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	29
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				

NORFOLK SOUTHERN RAILROAD

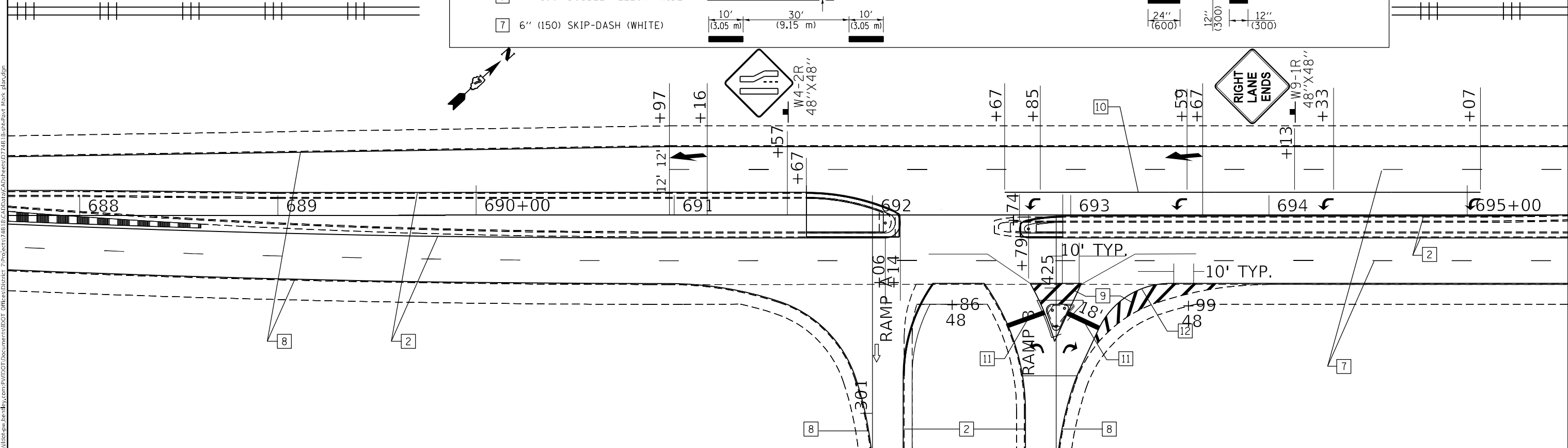


PAVEMENT MARKING LEGEND

NOT TO SCALE

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



MODEL: Default
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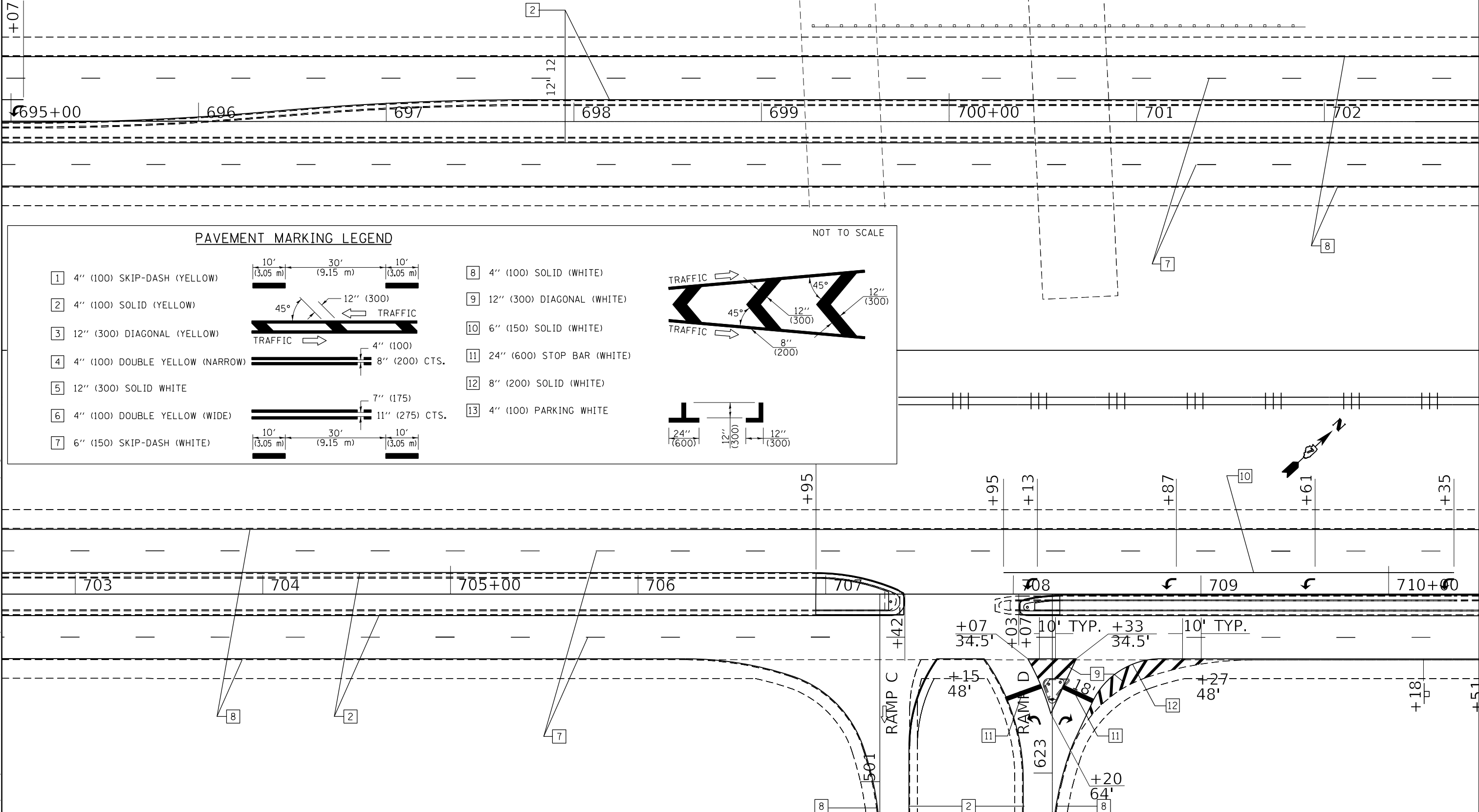
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PLOT DATE = 2/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
STATION 680+00 TO STATION 695+00			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	30
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				

NORFOLK SOUTHERN RAILROAD



PAVEMENT MARKING LEGEND

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

MODEL: Default
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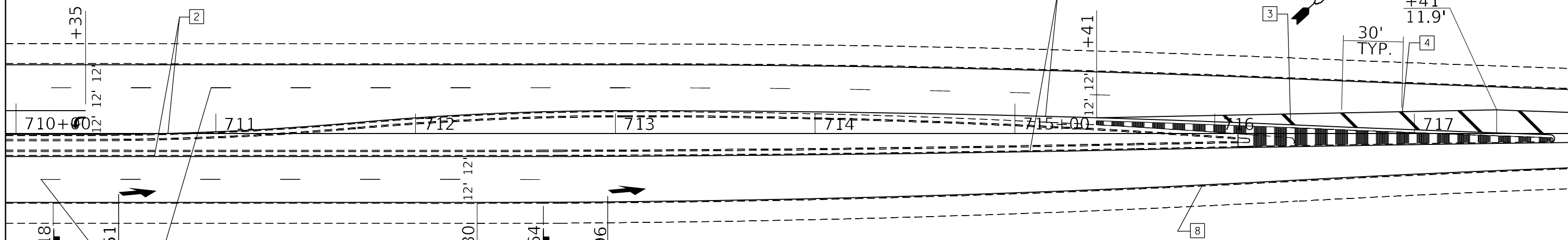
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DRAWN -	DRAWN -	REVISED -
PLOT SCALE = 50,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS			
STATION 695+00 TO STATION 710+00			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	31
CONTRACT NO. 74818				
ILLINOIS FED. AID PROJECT				

NORFOLK SOUTHERN RAILROAD

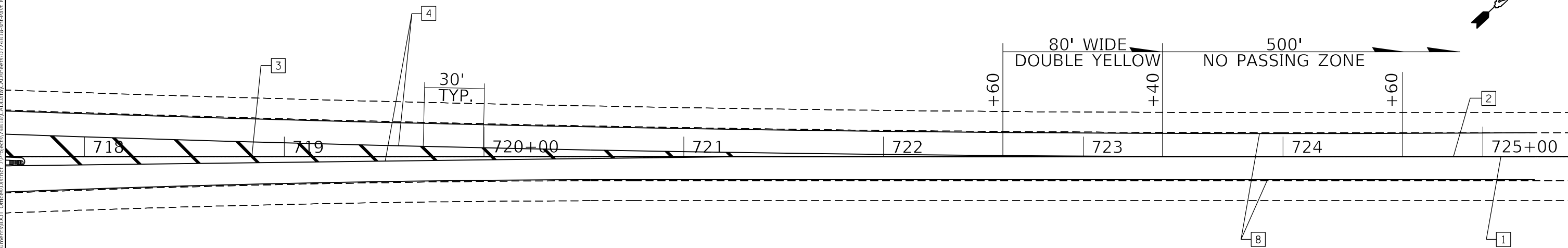


PAVEMENT MARKING LEGEND

NOT TO SCALE

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



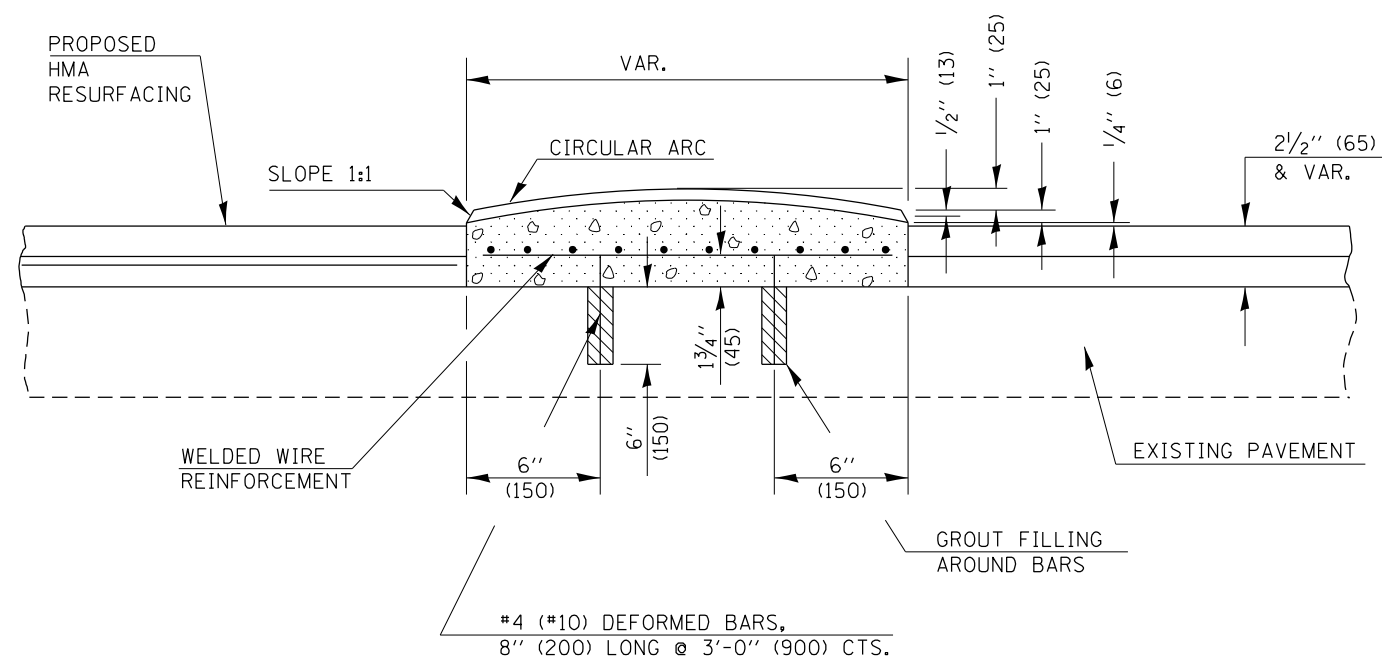
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 PROJECT: 174B18

USER NAME = Mona.Steffen	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
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PLOT DATE = 2/13/2024	DATE -	REVISOR -

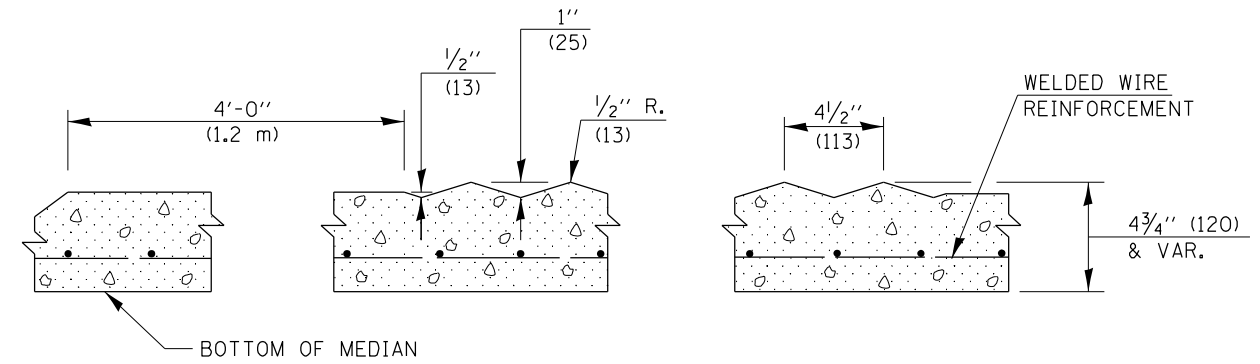
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS			
STATION 710+00 TO STATION 725+00			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	32
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				



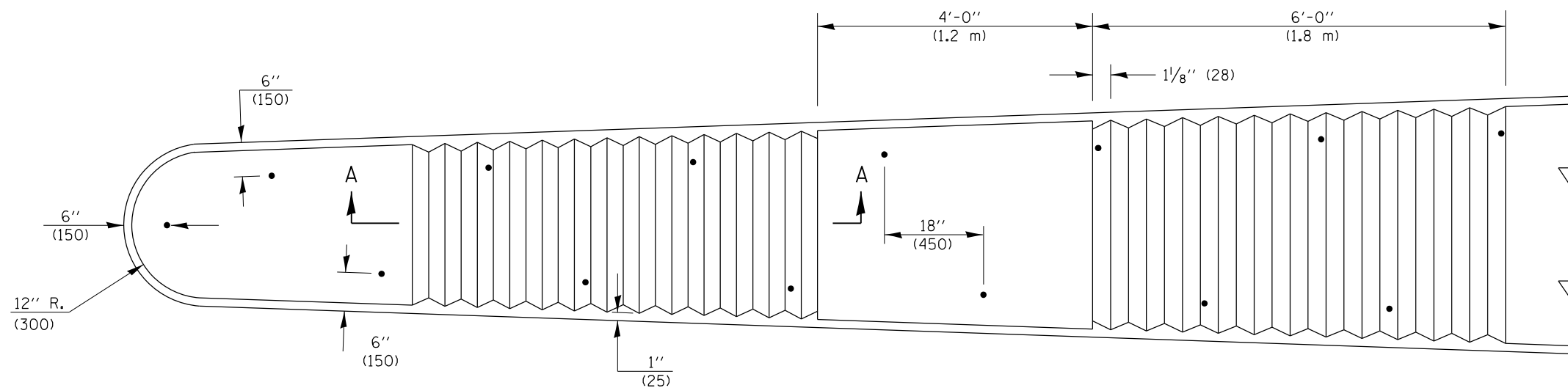
TRANSVERSE SECTION



SECTION A-A

GENERAL NOTES

1. DOWELS AT 3'-0" (900) INTERVALS OR AS DIRECTED BY THE ENGINEER.
2. SEE STANDARD 420701 FOR PAVEMENT WELDED WIRE REINFORCEMENT.



PLAN

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

DISTRICT 7 DETAIL NO. 60624610

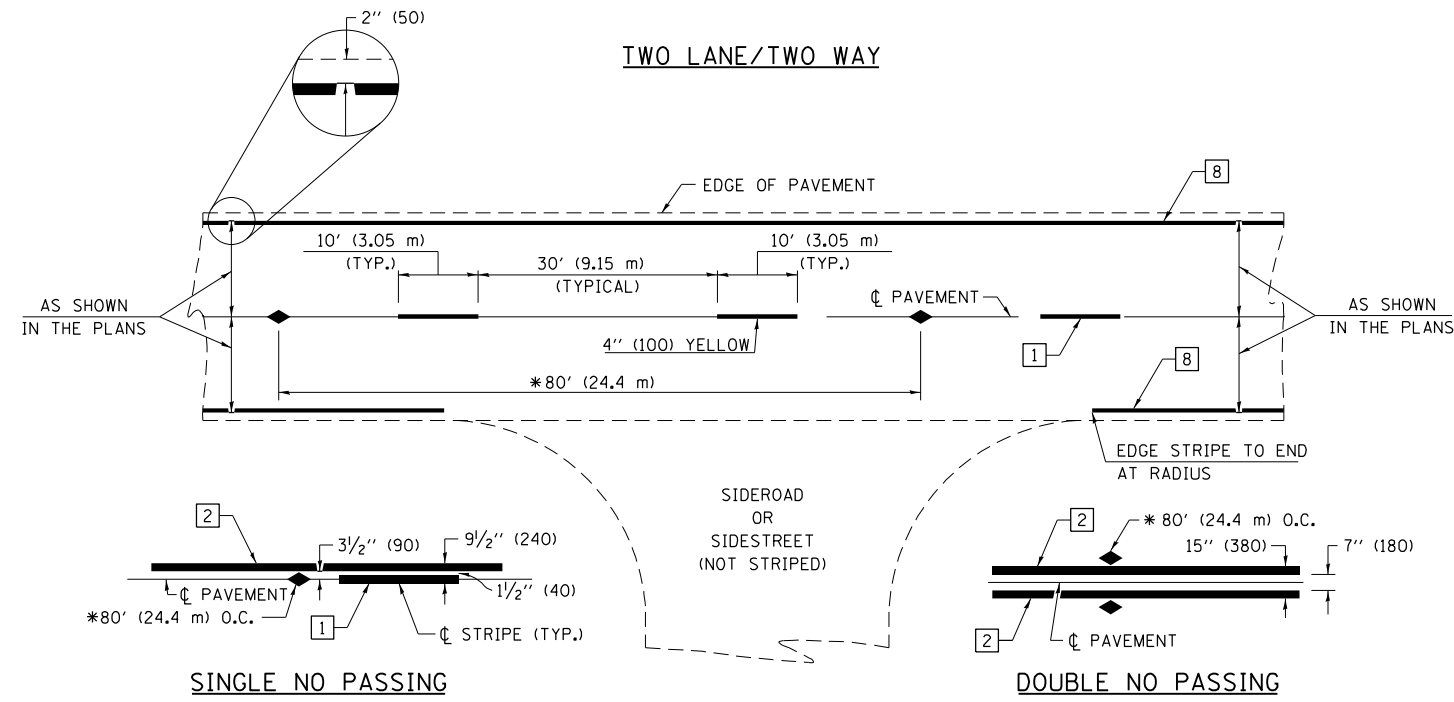
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CORRUGATED MEDIAN (DOWELLED)

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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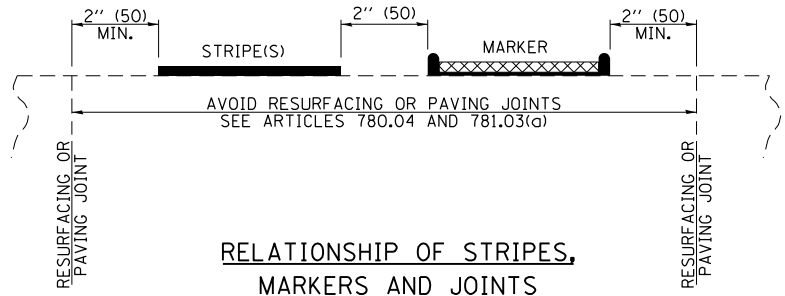
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	33
CONTRACT NO. 74B18				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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

PAVEMENT MARKING LEGEND

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

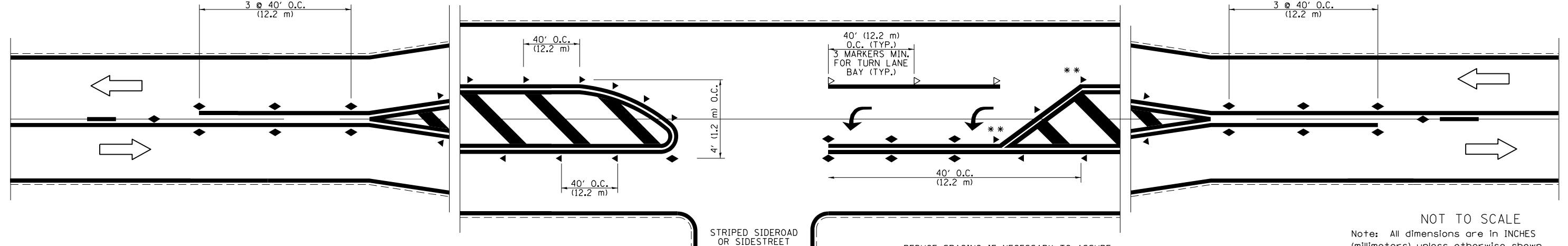


RELATIONSHIP OF STRIPES, MARKERS AND JOINTS

TYPICAL PAVEMENT MARKERS LEGEND

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

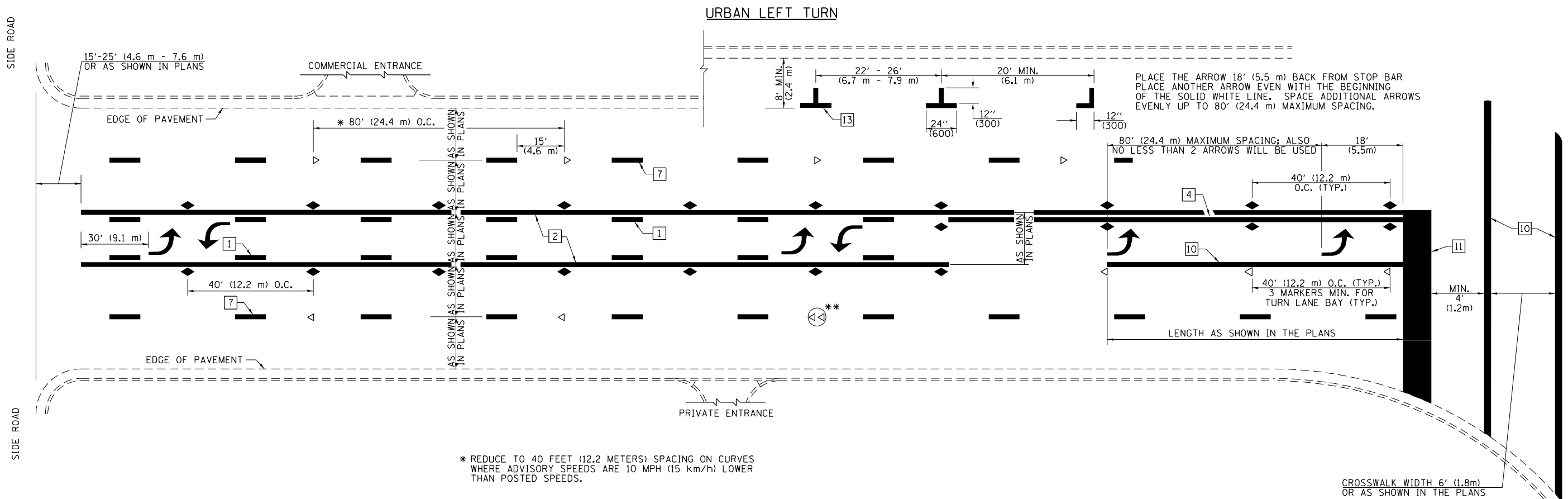
RAISED REFLECTIVE PAVEMENT MARKERS



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

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

DISTRICT 7 DETAIL NO. 78000001



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.

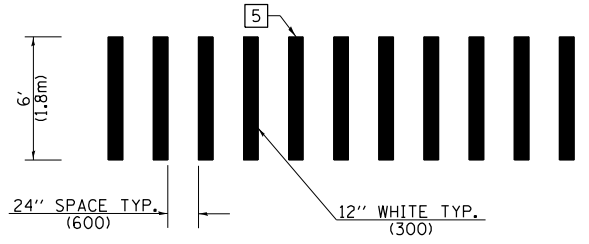
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

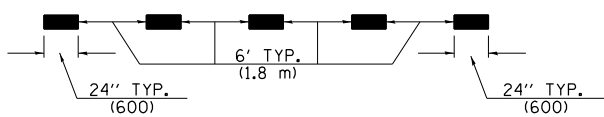
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP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

GENERAL NOTES

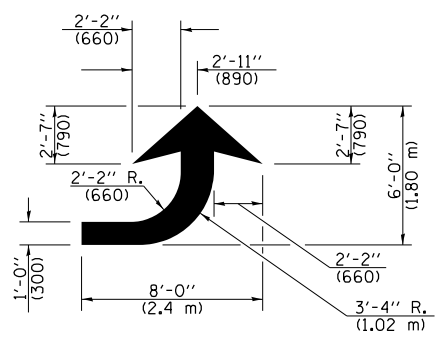
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT 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)**

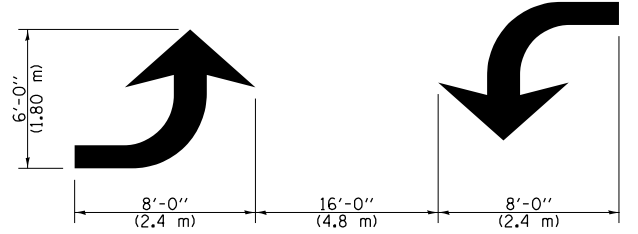


LANE LINE EXTENSIONS



LEFT ARROW

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



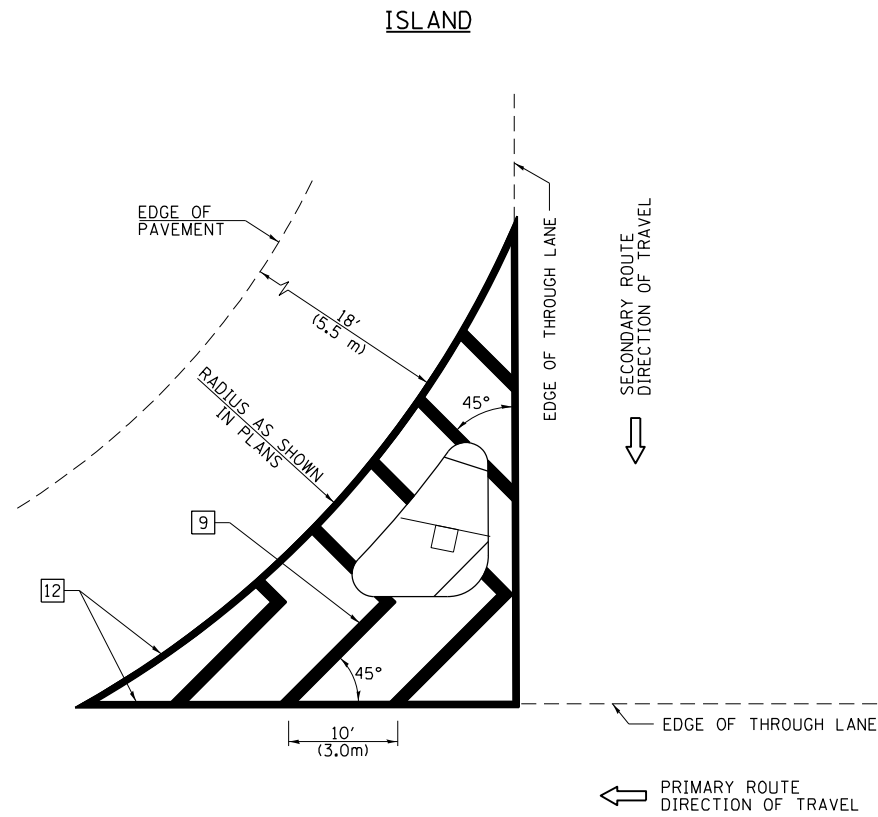
**TYPICAL DOUBLE
 TURN ARROWS (WHITE)**

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = Mono.Steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74B18\CAO\Drawings\Sheet\0774B18-sht-details.dgn	DRWN	REVISIONS	REVISIONS			714	(129,128)RS-4	MACON	38	35
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIONS	REVISIONS			CONTRACT NO. 74B18				
PLOT DATE = 2/13/2024	DATE -	REVISIONS	REVISIONS			ILLINOIS FED. AID PROJECT				

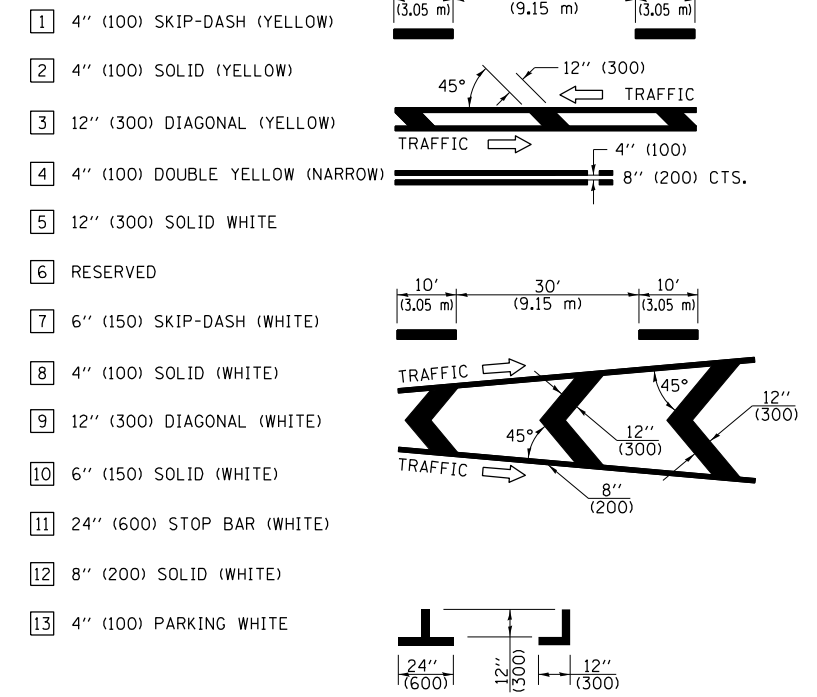


GENERAL NOTES

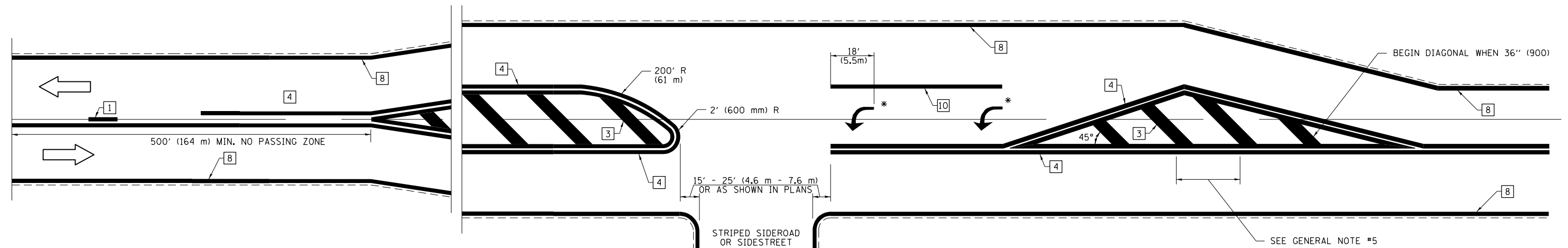
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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



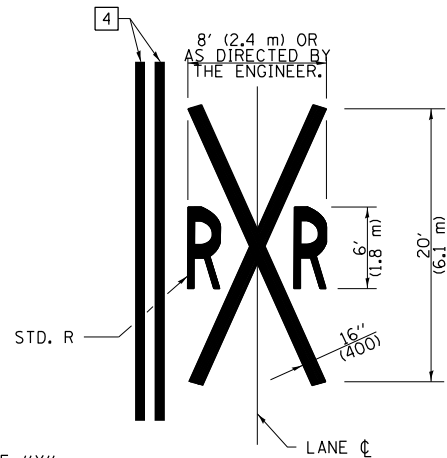
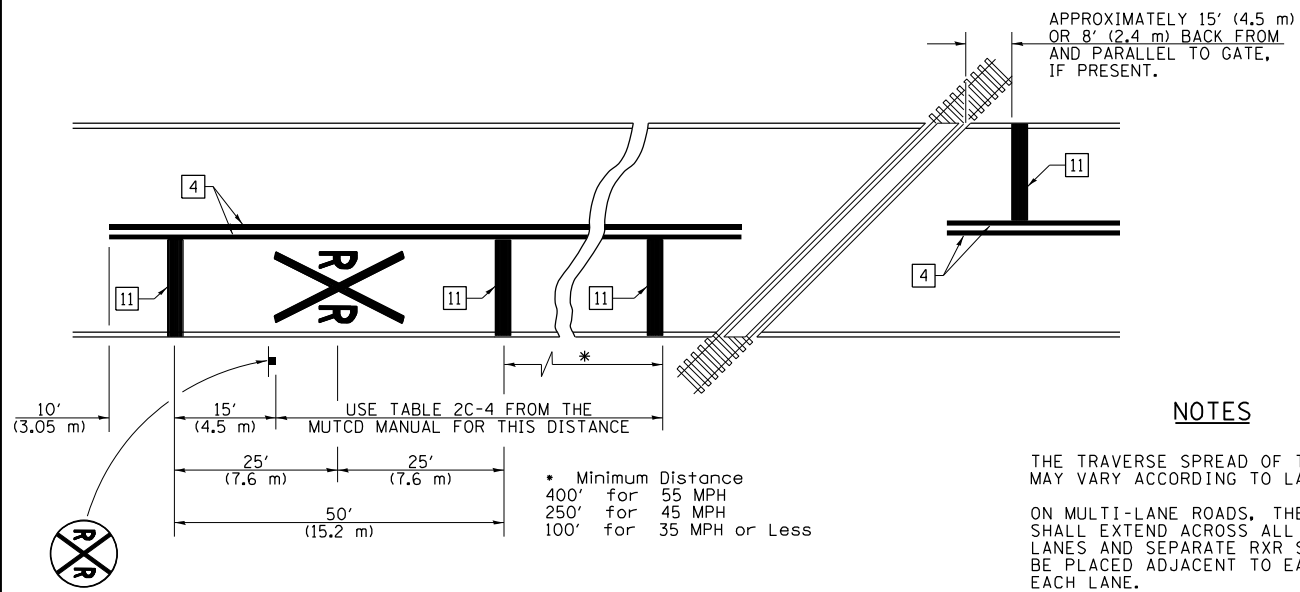
* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

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

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = Mono.Steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 7\Projects\74B18\CAD\Drawings\Drawings\74B18-sht-details.dgn	DRWN	CHECKED -	REVISED -			714	(129,128)RS-4	MACON	38	36
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 74B18				
PLOT DATE = 2/13/2024						ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

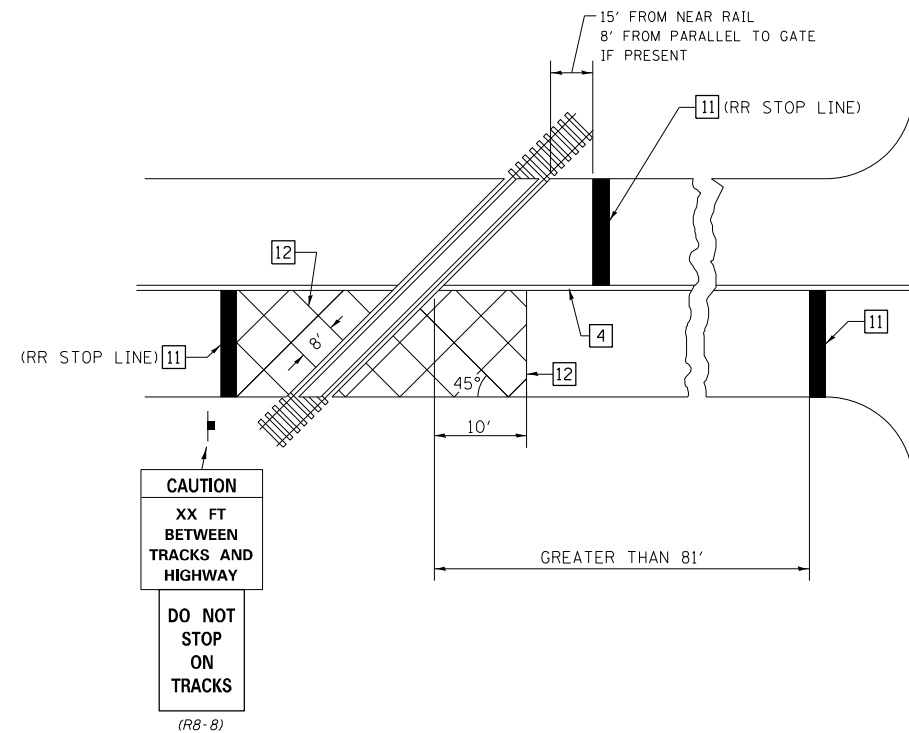
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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

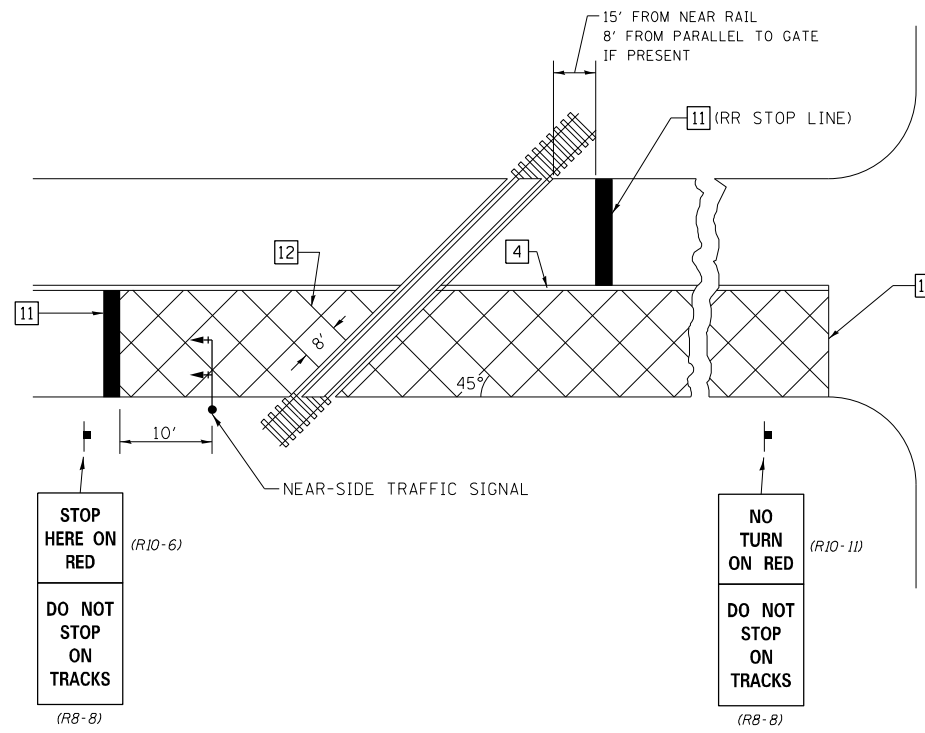
PAVEMENT MARKING LEGEND

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

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

- 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 NEAR-SIDE TRAFFIC SIGNALS ARE USED.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

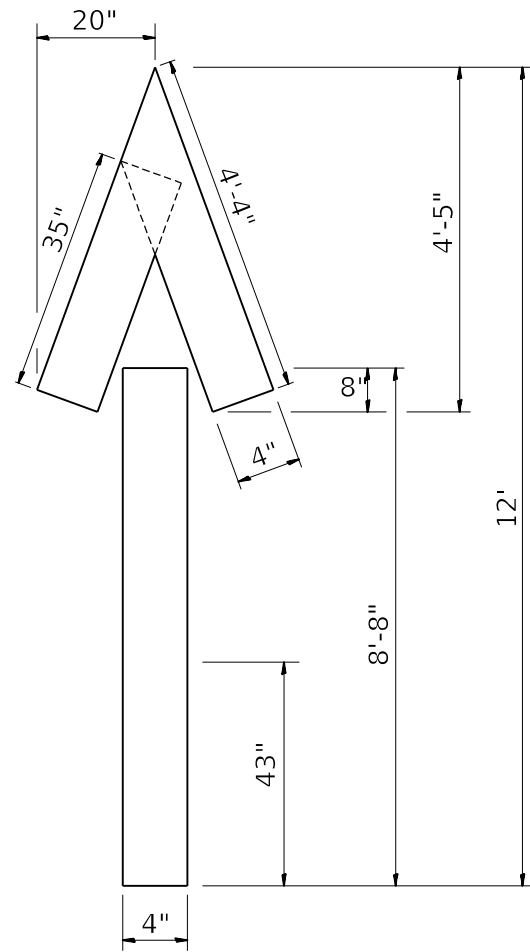
NOT TO SCALE

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

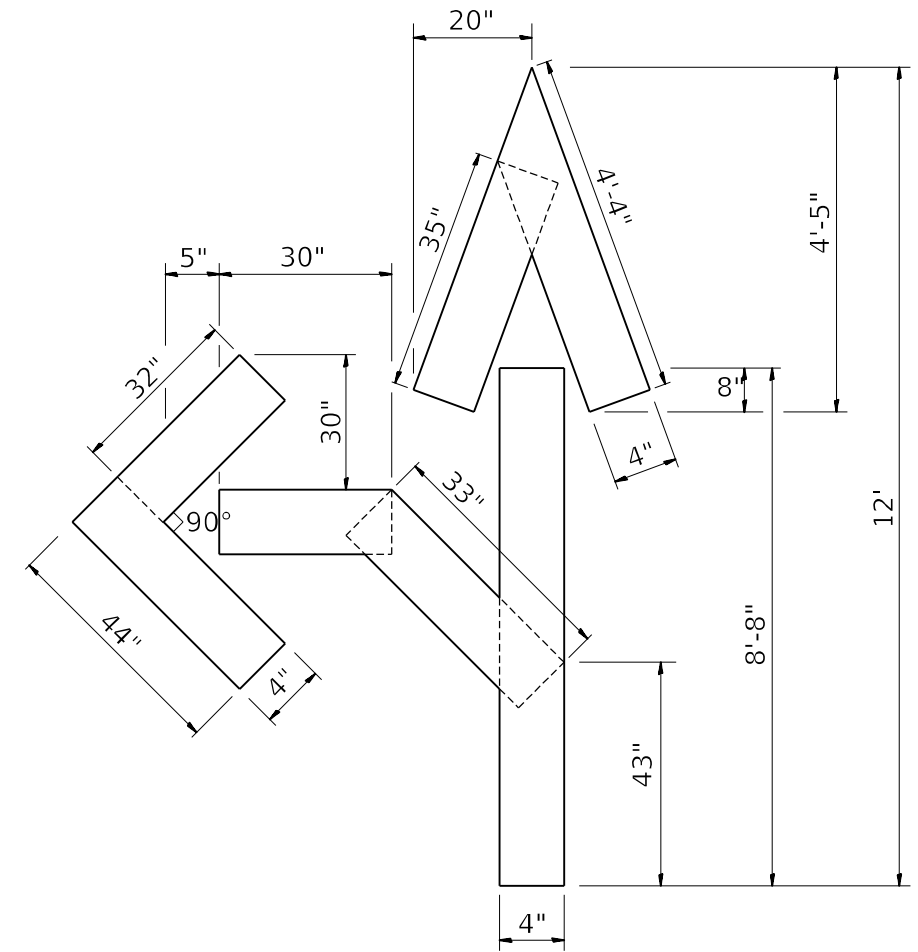
DISTRICT 7 DETAIL NO. 78000001

FILE NAME =	USER NAME = Mono.Steffen	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 74B18				
PLOT DATE = 2/13/2024						ILLINOIS FED. AID PROJECT				

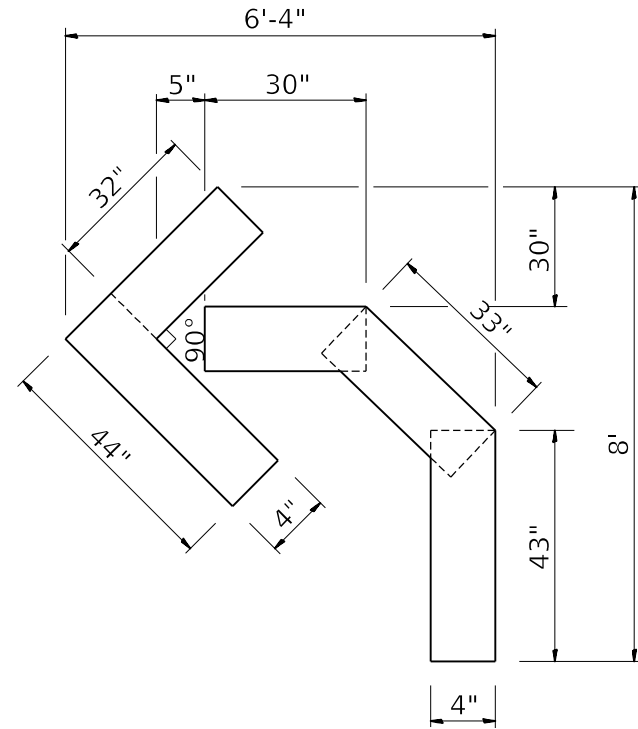
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QUANTITY
4" LINE = 16.0 FT.
5.3 SQ. FT.

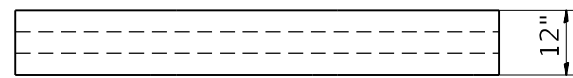


QUANTITY
4" LINE = 27.5 FT.
9.2 SQ. FT.



QUANTITY
4" LINE = 15.2 FT.
5.0 SQ. FT.

SHORT TERM STOP BAR



QUANTITY
4" LINE X 3 X LENGTH = ___ FT.

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USER NAME = Mona.Steffen	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 2/13/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING
LETTERS AND SYMBOLS FOR TRAFFIC STAGING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(129,128)RS-4	MACON	38	38
CONTRACT NO. 74B18				
ILLINOIS FED. AID PROJECT				