

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	F	MACON	84*	1
		ILLINOIS	CONTRACT NO. 74637	

*48Z 2&3, 50Z 2&3, 50R1RS-3

*84 + 1 = 85 TOTAL SHEETS

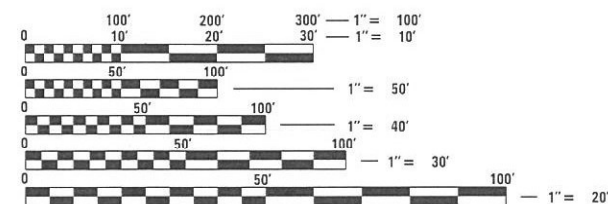
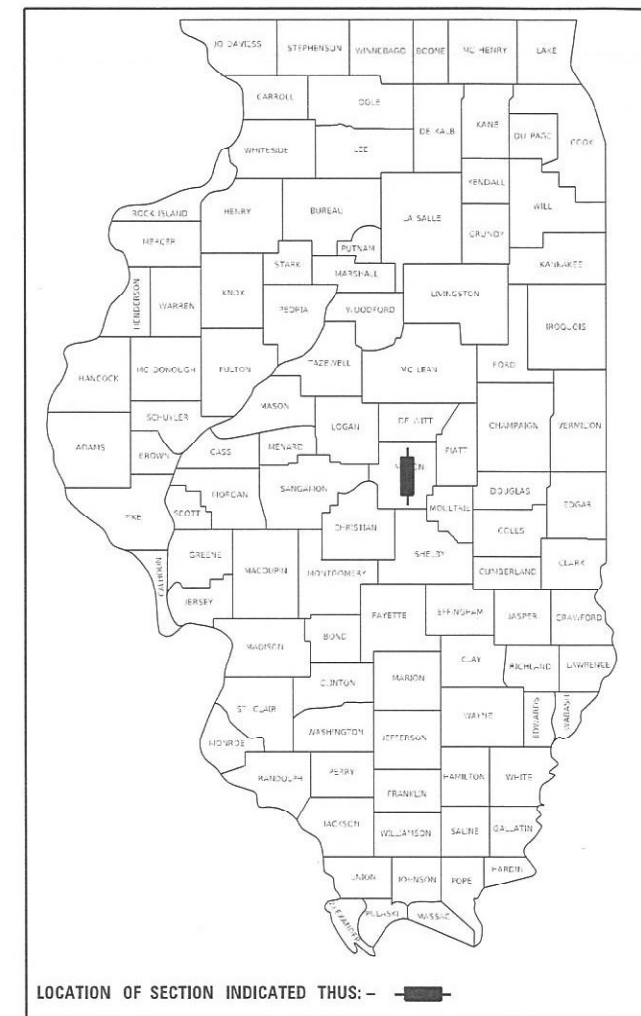
FOR INDEX OF SHEETS, SEE SHEET NO. 2

ADT = 18,700 (2019)
4.8% TRUCKS

PROPOSED HIGHWAY PLANS

FAP ROUTE 710 (OLD US 51 BUS)
SECTION (48Z2&3,50Z2&3,50R)RS-3
PROJECT NHPP-CXFL (626)
RESURFACING
MACON COUNTY

C-97-083-13



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: DEBRA BARRETT
PROJECT MANAGER: LEAH HILLE

CONTRACT NO. 74637

GROSS LENGTH = 14150.4 FT. = 2.68 MILE
NET LENGTH = 14150.4 FT. = 2.68 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 14 20 21
Jeffrey P. Myrland
REGIONAL ENGINEER

February 4 20 22
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 4 20 22
Stephen M. Fauria
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0013 80% FEDERAL 20% STATE	0021 80% FEDERAL 10% STATE 10% CITY
20800150	TRENCH BACKFILL	CU YD	5	5		
25200100	SODDING	SQ YD	50	50		
35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SQ YD	162	162		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	55183	55183		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1905	1905		
40600990	TEMPORARY RAMP	SQ YD	2624	2624		
40603219	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N90	TON	6232	6232		
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	6868	6868		
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1721	1721		
42400800	DETECTABLE WARNINGS	SQ FT	141	141		
44000100	PAVEMENT REMOVAL	SQ YD	161	161		
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	67326	67326		
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/4"	SQ YD	18305	18305		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0013 80% FEDERAL 20% STATE	0021 80% FEDERAL 10% STATE 10% CITY
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	302	302		
44000600	SIDEWALK REMOVAL	SQ FT	1398	1398		
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	1004.2	1004.2		
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	93.4	93.4		
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	110.7	110.7		
44201299	DOWEL BARS 1 1/2"	EACH	2560	2560		
44213000	PATCHING REINFORCEMENT	SQ YD	204.1	204.1		
44213200	SAW CUTS	FOOT	6420	6420		
44213204	TIE BARS 3/4"	EACH	49	49		
48203010	HOT-MIX ASPHALT SHOULDERS, 3 1/4"	SQ YD	4032	4032		
50102400	CONCRETE REMOVAL	CU YD	33.5		33.5	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	33.4		33.4	
50300300	PROTECTIVE COAT	SQ YD	93		93	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4070		4070	

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	DRAWN - LMH	REVISED -
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PLOT DATE = 5/14/2021	DATE - \$DATE\$	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	3
			CONTRACT NO. 74637	
		ILLINOIS	FED. AID PROJECT	

*(4822&3,5022&3,50R)RS-3

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0013 80% FEDERAL 20% STATE	0021 80% FEDERAL 10% STATE 10% CITY
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701606					
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701601					
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701602					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701701					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD	L SUM	1	1		
	701801					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	25	25		
70107007	PAVEMENT MARKING BLACKOUT TAPE, 7"	FOOT	389		389	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	56	56		
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	47760	47760		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	15920	15920		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	2025		2025	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 80% FEDERAL 20% STATE	0013 80% FEDERAL 20% STATE	0021 80% FEDERAL 10% STATE 10% CITY
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1012.5		1012.5	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1706	1706		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	24589	24589		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5377	5377		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1452	1452		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	160	160		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	368	368		
* 78004630	PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6"	FOOT	6767	6767		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1368	1368		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	573	573		
* 78200020	CURB REFLECTORS	EACH	579	579		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	573	573		
* 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	91		91	

* SPECIALTY ITEM

REV. - MS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

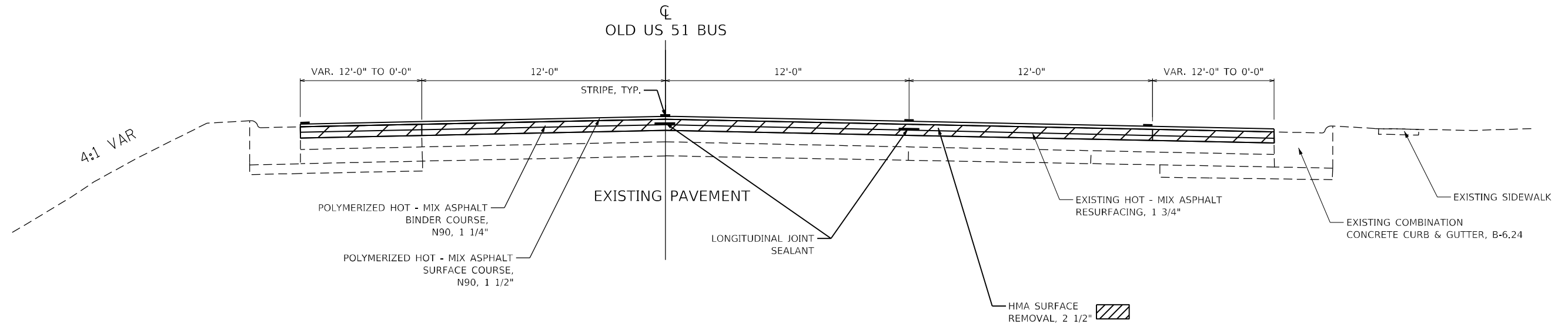
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	5
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

*(48Z2&3,50Z2&3,50R)RS-3



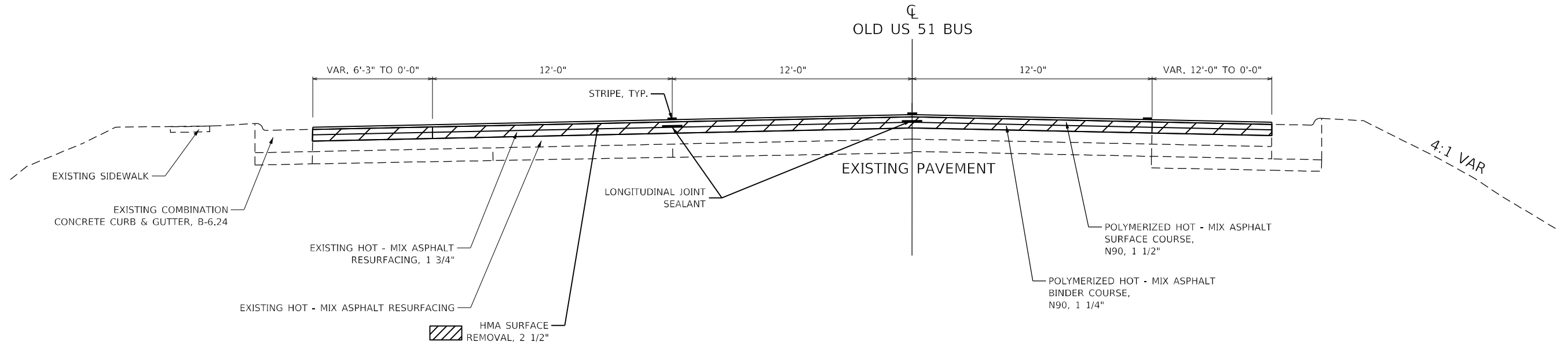
TYPICAL CROSS SECTIONS

NORTHBOUND
STATION 1373+78 TO STATION 1393+68



TYPICAL CROSS SECTIONS

SOUTHBOUND
STATION 373+53 TO STATION 385+33
STATION EQUATION: 385+37.07 BK = 385+32.65 AH
STATION 385+37 TO STATION 393+54



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PLOT DATE = 5/14/2021	DATE - \$DATE\$	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

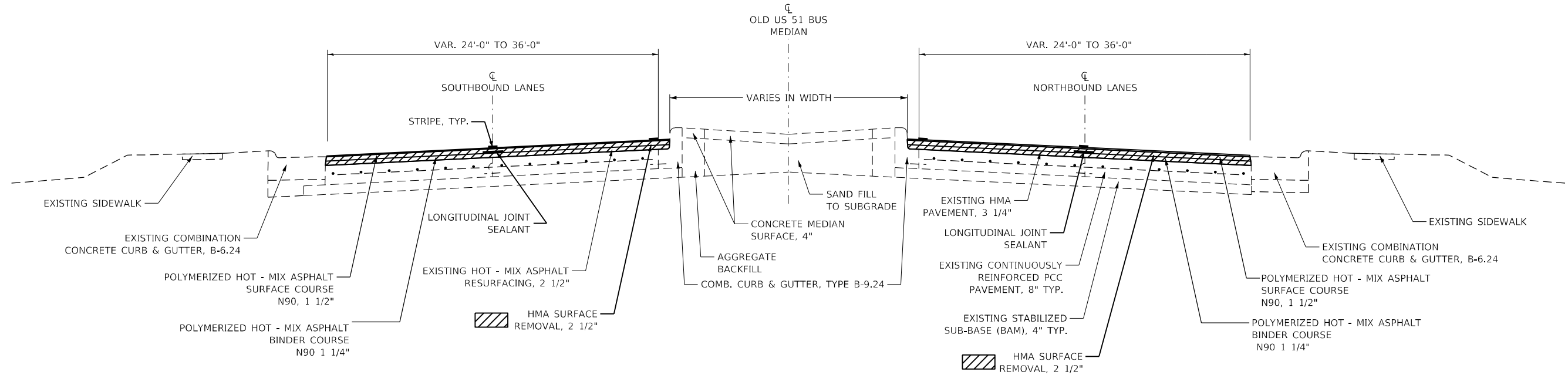
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	7
*(48Z2&3,50Z2&3,50R)RS-3		CONTRACT NO. 74637		
ILLINOIS FED. AID PROJECT				

NOTE 24' - 36' IS FOR THE TURN LANES
SOUTH BOUND AND NORTH BOUND COME BACK TO SAME STA. 64+61

TYPICAL CROSS SECTIONS

SOUTH BOUND
STATION 395+34 TO STATION 398+46
STATION EQUATION: 398+46.21 BK = 64+60.85 AH
STATION 64+61 TO STATION 85+92
STATION 98+31 TO STATION 112+90

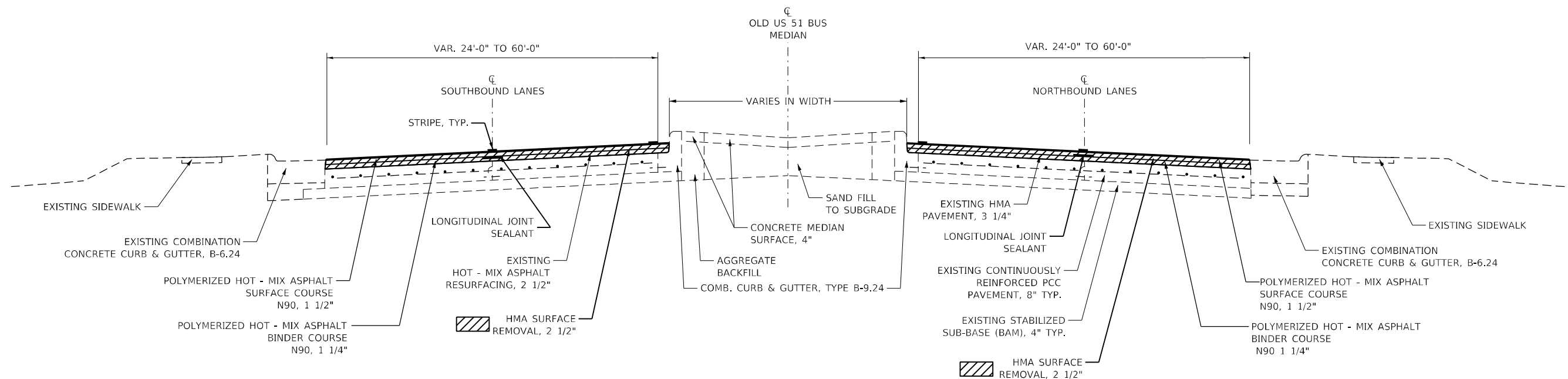
NORTH BOUND
STATION 1395+22 TO STATION 1397+73
STATION EQUATION: 1397+73.17 BK = 64+60.85 AH



NOTE 24' - 60' FOR THE TURN LANES AT MOUND ROAD
NB AND SB EACH HAVE 5 LANES APPROACHING TO THE INTERSECTION

TYPICAL CROSS SECTIONS

STATION 85+92 TO STATION 98+31



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

USER NAME = stefnrmk	DESIGNED - BH	REVISED -
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PLOT DATE = 5/14/2021	DATE - \$DATE\$	REVISED -

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

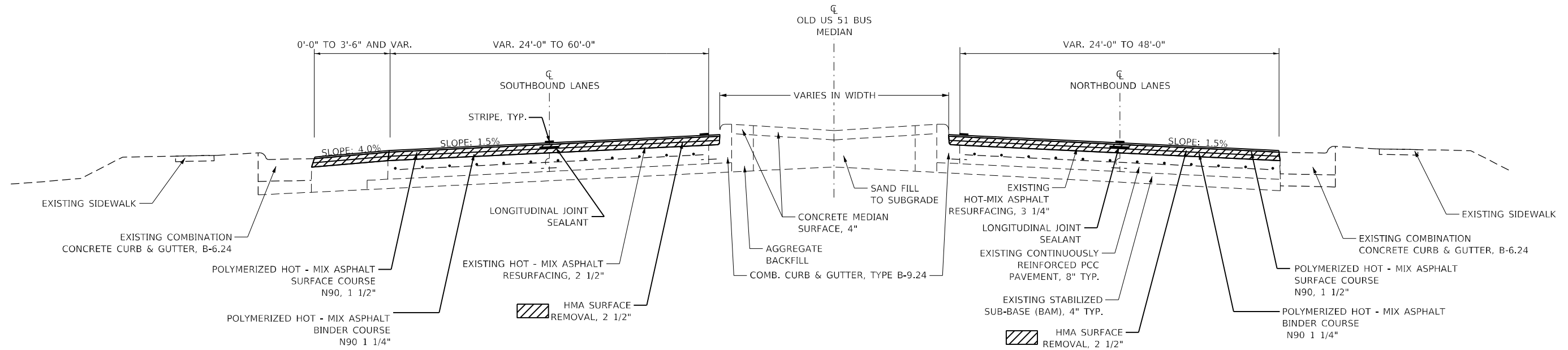
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	8
*(48Z2&3.50Z2&3.50R)RS-3		CONTRACT NO. 74637		
ILLINOIS FED. AID PROJECT				

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NOTE 24' - 60' FOR THE TURN LANES AT ASH STREET
NB HAS 4 LANES AND SB HAS 5 LANES APPROACHING TO THE INTERSECTION

TYPICAL CROSS SECTIONS

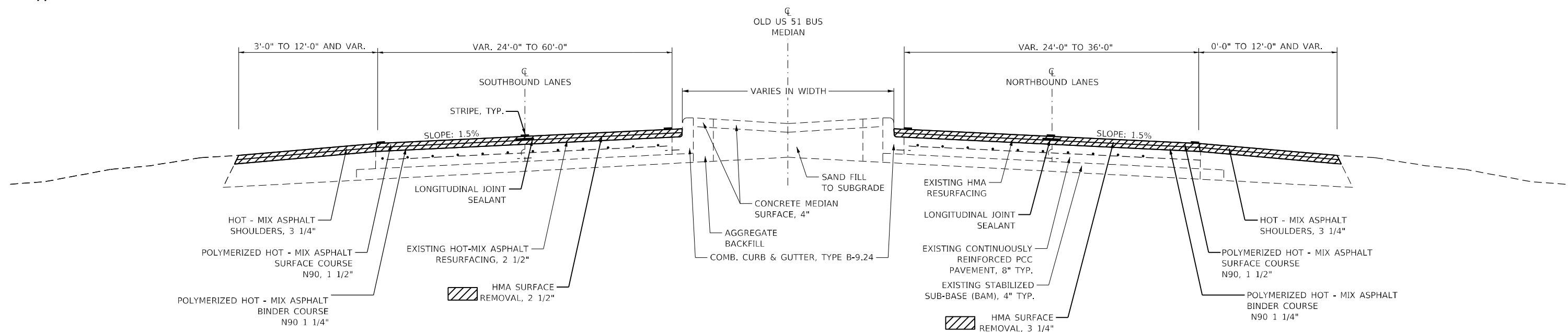
STATION 112+90 TO STATION 120+21



NOTE 24' - 60' FOR THE TURN LANES AT ASH STREET
SB HAS 5 LANES APPROACHING TO THE INTERSECTION

TYPICAL CROSS SECTIONS

STATION 120+21 TO STATION 123+85
STATION EQUATION: 123+85.41 BK = 1123+89.29 AH



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

USER NAME = stefnkmk	DESIGNED - BH	REVISED -
	DRAWN - BH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - LMH	REVISED -
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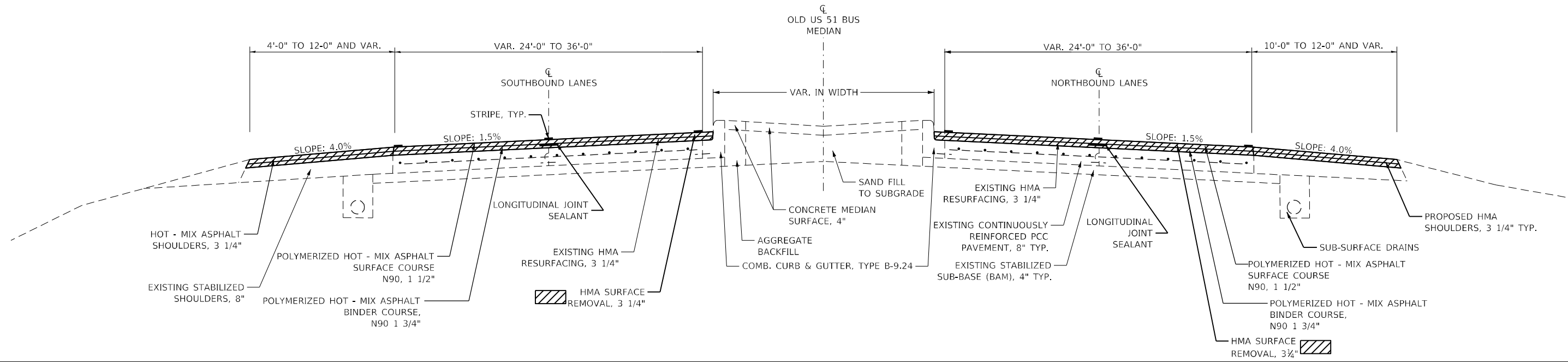
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	9
*(48Z2&3,50Z2&3,50R)RS-3		CONTRACT NO. 74637		
ILLINOIS FED. AID PROJECT				

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 PLOT DATE: 5/14/2021



TYPICAL CROSS SECTIONS

STATION EQUATION: 123+85.41 BK = 1123+89.29 AH
 STATION 1123+89 TO STATION 1151+73



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	DRAWN - BH	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - LMH	REVISED -
PLOT DATE = 5/14/2021	DATE - \$DATE\$	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	10
*(48Z2&3,50Z2&3,50R)RS-3			CONTRACT NO. 74637	
ILLINOIS FED. AID PROJECT				

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PAVING SCHEDULE		40600290 BITUMINOUS MATERIALS (TACK COAT)	40600982 HMA SURFACE REMOVAL, BUTT JOINT	40600990 TEMPORARY RAMP	40603219 POLYMERIZED HMA BINDER COURSE, IL- 9.5FG, N90	40604164 POLYMERIZED HMA SURFACE COURSE, IL- 9.5, MIX "D", N90	44000159 HMA SURFACE REMOVAL, 2 1/2"	44000162 HMA SURFACE REMOVAL, 3 1/4"	48203010 HMA SHOULDERS, 3 1/4"	
STATION TO STATION		POUND	SQ YD	SQ YD	TON	TON	SQ YD	SQ YD	SQ YD	
NORTHBOUND										
1373+78.0	TO	1393+68.0	6364.2	-	69.4	660.0	792.0	9428.4	-	-
1393+68.0	TO	1395+21.8	-	160.0	48.6	-	-	-	-	-
1395+21.8	TO	1397+73.2	464.3	160.0	48.6	48.1	57.8	687.8	-	-
STATION EQUATION (STA. 1397+73.17 BK = STA. 64+60.85 AH)										
64+60.9	TO	68+30.5	967.2	-	-	100.3	120.4	1432.9	-	-
68+30.5	TO	69+46.8	293.6	-	-	30.4	36.5	434.9	-	-
69+46.8	TO	79+15.3	1981.9	-	-	205.5	246.6	2936.1	-	-
79+15.3	TO	79+86.8	200.7	-	-	20.8	25.0	297.3	-	-
79+86.8	TO	81+30.6	279.1	-	-	28.9	34.7	413.4	-	-
81+30.6	TO	82+00.0	182.0	-	-	18.9	22.6	269.6	-	-
82+00.0	TO	85+13.6	561.7	-	-	58.3	69.9	832.2	-	-
85+13.6	TO	85+92.1	216.1	-	-	22.4	26.9	320.1	-	-
85+92.1	TO	92+00.2	1968.8	-	-	204.2	245.0	2916.7	-	-
92+00.2	TO	93+47.1	868.9	319.4	145.8	90.1	108.1	1287.2	-	-
93+47.1	TO	98+30.5	1164.6	-	-	120.8	144.9	1725.3	-	-
98+30.5	TO	99+78.5	377.4	-	-	39.1	47.0	559.2	-	-
99+78.5	TO	106+70.0	1578.7	-	-	163.7	196.5	2338.9	-	-
106+70.0	TO	107+73.0	262.6	-	-	27.2	32.7	389.1	-	-
107+73.0	TO	112+19.8	807.0	-	-	83.7	100.4	1195.5	-	-
112+19.8	TO	112+89.6	180.1	-	-	18.7	22.4	266.8	-	-
112+89.6	TO	118+51.3	1584.0	-	-	164.3	197.1	2346.7	-	-
118+51.3	TO	120+21.4	935.8	444.4	138.9	97.0	116.5	1386.3	-	-
120+21.4	TO	123+85.4	655.3	-	-	68.0	81.5	-	1366.1	395.3
STATION EQUATION (STA. 123+85.41 BK = STA. 1123+89.29 AH)										
1123+89.3	TO	1151+72.7	5396.4	-	503.2	783.5	671.6	-	9836.7	1841.1
NORTHBOUND TOTAL:		27291	1084	955	3054	3397	31465	11203	2237	
SOUTHBOUND										
373+53.9	TO	385+32.7	3465.2	-	66.6	359.4	431.2	5133.6	-	-
STATION EQUATION (385+37.07 BK = 385+32.65 AH)										
385+37.1	TO	393+53.9	2008.0	-	-	208.2	249.9	2974.9	-	-
393+53.9	TO	395+33.6	-	160.0	55.5	-	-	-	-	-
395+33.6	TO	398+46.2	566.9	160.0	55.5	58.8	70.5	839.9	-	-
STATION 398+46.21 = STATION 64+60.85										
64+60.9	TO	68+30.5	669.0	-	-	69.4	83.3	991.2	-	-
68+30.5	TO	69+46.8	314.8	-	-	32.6	39.2	466.4	-	-
69+46.8	TO	79+15.3	2045.4	-	-	212.1	254.5	3030.3	-	-
79+15.3	TO	79+86.8	170.6	-	-	17.7	21.2	252.7	-	-
79+86.8	TO	81+30.6	276.8	-	-	28.7	34.5	410.1	-	-
81+30.6	TO	82+00.0	187.3	-	-	19.4	23.3	277.5	-	-
82+00.0	TO	85+13.6	860.2	-	-	89.2	107.0	1274.3	-	-
85+13.6	TO	85+92.1	224.9	-	-	23.3	28.0	333.2	-	-
85+92.1	TO	92+00.2	1772.7	-	-	183.8	220.6	2626.3	-	-
92+00.2	TO	93+47.1	858.5	305.6	159.7	89.0	106.8	1271.8	-	-
93+47.1	TO	98+30.5	1762.3	-	-	182.8	219.3	2610.8	-	-
98+30.5	TO	99+78.5	434.1	-	-	45.0	54.0	643.1	-	-
99+78.5	TO	106+70.0	1539.9	-	-	159.7	191.6	2281.3	-	-
106+70.0	TO	107+73.0	278.1	-	-	28.8	34.6	412.0	-	-
107+73.0	TO	112+19.8	1033.7	-	-	107.2	128.6	1531.4	-	-
112+19.8	TO	112+89.6	186.5	-	-	19.3	23.2	276.3	-	-
112+89.6	TO	118+51.3	1350.1	-	-	140.0	168.0	2000.1	-	-
118+51.3	TO	120+21.4	1016.4	194.7	76.4	105.4	126.5	1505.7	-	86.8
120+21.4	TO	123+85.4	1594.8	-	-	231.5	198.5	2362.6	-	67.3
STATION EQUATION (STA. 123+85.41 BK = STA. 1123+89.29 AH)										
1123+89.3	TO	1151+72.7	5275.6	-	1254.4	765.9	656.5	2355.2	7101.5	1640.3
SOUTHBOUND TOTALS:		27892	821	1669	3178	3471	35861	7102	1795	
TOTALS:		55183	1905	2624	6232	6868	67326	18305	4032	

LOCATION	44200994 CLASS B PATCHES, TYPE II, 12 INCH	44200998 CLASS B PATCHES, TYPE III, 12 INCH	44201000 CLASS B PATCHES, TYPE IV, 12 INCH	44213204 TIE BARS, 3/4"	44213000 PATCHING REINFORCEMENT	44213200 SAW CUTS	44201299 DOWEL BARS, 1 1/2"
	TYPE 2 SQ YD	TYPE 3 SQ YD	TYPE 4 SQ YD	EACH	SQ YD	FOOT	EACH
NORTHBOUND	500.2	37.3	60.0	29.0	97.3	3128.0	1240.0
SOUTHBOUND	504.0	56.1	50.7	18.0	106.8	3292.0	1320.0
TOTALS:	1004.2	93.4	110.7	47.0	204.1	6420.0	2560.0

MEDIAN SCHEDULE		78200020 CURB REFLECTORS (AMBER)	60260100 INLETS TO BE ADJUSTED	X4402020 CONCRETE MEDIAN SURFACE REMOVAL	44000500 COMBINATION CURB & GUTTER REMOVAL	44213204 TIE BARS 3/4"	60618300 CONCRETE MEDIAN SURFACE, 4 INCH	Z0012500 CONCRETE CURB REPAIR
STATION TO STATION		EACH	EACH	SQ FT	FOOT	EACH	SQ FT	FOOT
1395+09.7	TO	1397+73.2	8.0	-	-	-	-	-
395+45.9	TO	398+46.2	8.0	-	-	-	-	-
STATION EQUATION: STA 1397+73.17 BK = 64+60.85 AH								
64+60.9	TO	68+30.4	30.0	-	-	-	-	-
68+30.4	TO	69+46.8	-	-	-	-	-	-
69+46.8	TO	79+15.1	73.0	-	-	-	-	-
79+15.1	TO	79+86.6	-	-	-	-	-	-
79+86.6	TO	81+30.6	14.0	-	-	-	-	-
81+30.6	TO	82+00.5	-	-	-	-	-	-
82+00.5	TO	85+07.7	27.0	-	-	-	-	-
85+07.7	TO	85+92.1	-	-	-	-	-	-
85+92.1	TO	92+00.1	55.0	-	17.5	15.0	2.0	24.5
92+00.1	TO	93+47.0	-	-	-	-	-	-
93+47.0	TO	98+30.6	43.0	-	-	-	-	-
98+30.6	TO	99+78.5	-	-	-	-	-	-
99+78.5	TO	106+70.0	59.0	-	-	-	-	-
106+70.0	TO	107+70.0	-	-	-	-	-	-
107+70.0	TO	112+19.8	34.0	-	-	-	-	-
112+19.8	TO	112+89.7	-	-	-	-	-	-
112+89.7	TO	118+51.3	47.0	-	-	-	-	-
118+51.3	TO	120+21.4	-	-	-	-	-	-
120+21.4	TO	123+85.4	30.0	1.0	60.0	-	-	60.0
STATION EQUATION: STA 123+85.41 BK = 1123+89.29 AH								
1123+89.3	TO	1151+72.7	151.0	-	-	-	-	-
TOTALS:		579.0	1.0	77.5	15.0	2.0	84.5	1000.0

PERMANENT SURVEY MARKERS				66700205 PERMANENT SURVEY MARKERS, TYPE I	Z0049799 PROTECTING OR RESETTING SURVEY MARKERS
LOCATION	POINT #	STATION	OFFSET	EACH	EACH
NB	1	1380+00	0	1	1
NB	2	1388+27.80	0	1	1
NB	3	1389+55.71	0.67' RT.	1	1
NB	4	1390+83.62	0	1	1
NB	5	1392+11.54	0.6' LT.	1	1
NB	6	1393+39.44	0	1	1
NB	7	1396+03.64	0	1	1
NB	8	1397+73.17 BK = 64+60.85 AH	0	1	1
CENTERLINE	9	69+27.33	0	1	1
CENTERLINE	10	77+00	0	1	1
CENTERLINE	11	88+00	0	-	-
CENTERLINE	12	96+00	0	-	-
CENTERLINE	13	97+64.98	0	1	1
CENTERLINE	14	103+00	0	-	-
CENTERLINE	15	111+00	0	-	-
CENTERLINE	16	115+89.49	0	-	-
CENTERLINE	17	1123+89.29	0	-	-
CENTERLINE	18	1130+00	0	-	-
SB	19	398+46.21	0	1	1
SB	20	397+36.11	2' RT	1	1
SB	21	396+25.60	0	1	1
SB	22	385+32.65 BK = 385+37.07 AH	0	1	1
SB	23	382+87.84	0	1	1
SB	24	379+47.39	31.27' LT.	-	-
SB	25	375+99.46	0	1	1
TOTALS:				17	17

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: 100,0000' / 1 SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	11
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

(4822&3,5022&3,50R)RS-3

PAVEMENT MARKING SCHEDULE		SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)	GROOVING FOR RECESSED PAVEMENT MARKING 5"	PERFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE)	GROOVING FOR RECESSED PAVEMENT MARKING 7"	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (YELLOW)	GROOVING FOR RECESSED PAVEMENT MARKING 9"	MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW)	GROOVING FOR RECESSED PAVEMENT MARKING 13"	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)	GROOVING FOR RECESSED PAVEMENT MARKING 25"	
STATION TO STATION		FOOT	SQ FT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
NORTHBOUND																					
1373+78.0	TO	1378+11.5	1269.4	423.1	31.2	31.2	-	589.0	589.0	325.1	98.0	423.1	-	-	-	-	-	-	-	-	
1378+11.5	TO	1390+70.0	3903.3	1479.1	135.1	135.1	537.5	1225.9	1763.4	464.4	349.0	813.4	-	-	-	-	-	-	-	-	
1390+70.0	TO	1397+73.2	1061.4	175.8	-	-	-	263.5	263.5	258.2	-	258.2	-	-	-	-	-	-	-	-	
STATION EQUATION (STA. 1397+73.17 BK = STA. 64+60.85 AH)																					
64+60.9	TO	91+94.2	3718.0	1737.3	296.4	-	2429.9	2429.9	683.3	1040.4	1723.7	-	-	-	-	-	-	-	-	-	
91+94.2	TO	93+53.8	840.0	280.0	-	-	490.5	490.5	78.1	-	78.1	-	-	-	-	-	-	70	70	-	
93+53.8	TO	118+51.3	4762.1	1587.4	249.6	249.6	-	1717.7	1717.7	624.4	906.8	1531.2	-	-	462.0	-	-	-	12	12	
118+51.3	TO	120+26.4	1236.0	412.0	-	-	20.0	22.0	42.0	42.0	42.0	-	-	282.0	8	-	8.0	98	98	-	
120+26.4	TO	123+85.4	269.3	89.8	-	-	345.7	367.1	712.8	89.8	-	89.8	-	-	-	-	-	-	-	-	
STATION EQUATION (STA. 123+85.41 BK = STA. 1123+89.29 AH)																					
1123+89.3	TO	1151+72.7	3695.5	1231.8	46.8	46.8	2079.5	2959.0	5038.5	695.8	100.7	796.5	-	87.0	87.0	-	90.0	-	90.0	20.0	20.0
NORTHBOUND TOTALS:			20760	7418	759	759	2983	10065	13047	3262	2495	5758	0	87	87	744	98	0	98	200	200
SOUTHBOUND																					
373+53.9	TO	374+79.5	424.2	141.4	98.8	98.8	-	216.2	216.2	31.4	179	210.4	-	-	-	-	-	-	-	-	
374+79.5	TO	375+07.5	456.0	152.0	31.2	31.2	-	216.2	216.2	14.0	69	83.0	-	-	-	-	-	-	-	-	
375+07.5	TO	376+20.0	253.1	84.4	-	-	-	216.2	216.2	84.4	-	84.4	-	-	-	-	-	-	-	-	
376+20.0	TO	385+32.7	1369.0	456.3	-	-	-	431.8	431.8	300.0	-	300.0	-	-	-	-	-	-	-	-	
STATION EQUATION (STA. 385+32.65 BK = STA. 385+37.07 AH)																					
385+37.1	TO	388+20.0	424.4	261.5	-	-	-	260.6	260.6	300.0	-	300.0	-	-	-	-	-	-	-	-	
388+20.0	TO	398+46.2	1129.7	256.6	46.8	46.8	240.0	986.6	1226.6	256.6	120	376.6	-	-	-	-	-	-	-	-	
STATION 398+46.21 = STATION 64+60.85																					
64+60.9	TO	91+94.2	5547.0	1351.3	218.4	218.4	-	2262.4	2262.4	683.3	617	1300.3	-	-	-	-	-	-	-	-	
91+94.2	TO	93+53.8	792.0	264.0	-	-	-	167.4	167.4	78.1	-	78.1	-	-	-	-	-	-	66	66	
93+53.8	TO	95+53.8	1829.8	610.0	171.6	171.6	-	163.5	163.5	156.1	591	747.1	-	-	-	-	-	-	-	-	
95+53.8	TO	96+35.0	243.5	81.2	-	-	-	163.5	163.5	156.1	-	156.1	-	-	-	-	-	-	-	-	
96+35.0	TO	97+80.0	217.5	72.5	-	-	-	163.5	163.5	156.1	-	156.1	-	200.0	200.0	-	-	56	56	-	
97+80.0	TO	118+51.3	7858.0	2619.3	202.8	202.8	-	1717.7	1717.7	156.1	489.2	645.3	-	-	468.0	-	-	-	-	-	
118+51.3	TO	119+99.5	567.0	333.0	72.8	72.8	-	45.0	45.0	42.0	300	342.0	-	-	156.0	-	6	6	42	42	
119+99.5	TO	122+59.5	3291.0	953.0	104.0	104.0	129.4	122.4	251.7	6.7	-	6.7	-	-	-	-	-	-	60	60	
122+59.5	TO	122+92.4	49.4	16.5	-	-	129.4	122.4	251.7	68.8	516	584.8	-	-	-	-	-	-	-	-	
122+92.4	TO	123+85.4	279.1	93.0	-	-	129.4	122.4	251.7	137.6	-	137.6	-	-	-	-	-	-	-	-	
STATION EQUATION (STA. 123+85.41 BK = STA. 1123+89.29 AH)																					
1123+89.3	TO	1124+68.0	236.1	78.7	-	-	78.7	157.4	236.1	87.8	-	87.8	-	-	-	-	-	-	-	-	
1124+68.0	TO	1151+72.7	2028.5	676.2	-	-	497.3	2801.6	3298.9	789.9	-	789.9	1165.0	-	1165.0	-	-	-	-	-	
SOUTHBOUND TOTALS:			27001	8502	946	946	1204	10337	11541	3505	2881	6386	1165	200	1365	624	0	62	62	168	168
TOTALS:			47760	15920	1706	1706	24589	24589	6767	5377	12144	1452	1452	1368	160	160	368	368			

STAGING SCHEDULE		PAVEMENT MARKING BLACKOUT TAPE, 7"	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	PINNING TEMPORARY CONCRETE BARRIER
STATION TO STATION	FOOT	FOOT	FOOT	FOOT	EACH
SN 058-0015 STAGE 1 (NORTHBOUND STRUCTURE)					
1390+66.5	TO	1395+78.9	167.9	512.5	512.5
1393+04.0	TO	1393+29.0	8.2	-	3.0
1395+53.9	TO	1395+78.9	8.2	-	3.0
SN 058-0015 STAGE 2 (NORTHBOUND STRUCTURE)					
1390+66.5	TO	1395+78.9	-	512.5	-
1393+04.0	TO	1393+29.0	-	-	3.0
1395+53.9	TO	1395+78.9	-	-	3.0
SN 058-0004 STAGE 1 (SOUTHBOUND STRUCTURE)					
393+42.5	TO	398+42.5	-	500.0	-
393+42.5	TO	393+67.5	-	-	3.0
395+80.5	TO	396+05.5	-	-	3.0
395+78.0	TO	398+46.2	67.0	-	-
STATION 398+46.2 = STATION 64+60.85					
64+60.9	TO	70+06.8	136.5	-	-
SN 058-0004 STAGE 2 (SOUTHBOUND STRUCTURE)					
393+16.0	TO	398+16.0	-	500.0	-
393+16.0	TO	393+41.0	-	-	3.0
395+53.0	TO	395+78.0	-	-	3.0
TOTALS:		389.0	2025.0	1012.5	24.0

ADA SCHEDULE		TRENCH BACKFILL	SODDING	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	DETECTABLE WARNINGS	PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWER REMOVAL 12"	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	MANHOLES TO BE ADJUSTED	MANHOLES TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	INLETS TO BE ADJUSTED	REMOVING INLETS	COMBINATION CURB AND GUTTER, TYPE B-6.18	COMBINATION CURB AND GUTTER, TYPE B-6.24	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER
LOCATION	QUADRANT	CU YD	SQ YD	SQ YD	SQ FT	SQ FT	SQ YD	FOOT	SQ FT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	FOOT	FOOT	EACH	
MOUND ROAD	NORTHWEST	-	3.3	51.7	212.8	20.0	51.4	53.0	126.8	-	-	-	-	-	1.0	-	-	52.9	-	
MOUND ROAD	NORTHEAST	0.8	5.3	70.0	321.7	20.0	69.7	62.8	170.0	4.0	-	-	1.0	-	1.0	-	1.0	62.7	1.0	
MOUND ROAD	SOUTHEAST	3.4	0.5	9.3	232.3	24.8	9.4	40.1	175.7	6.5	5.7	1.0	-	1.0	-	-	1.0	40.2	1.0	
MOUND ROAD	SOUTHWEST	-	3.3	8.8	313.6	24.0	8.3	37.9	237.4	-	-	-	-	-	-	-	-	37.8	-	
ASH STREET	NORTHWEST	-	11.4	11.1	173.9	25.0	11.3	48.2	217.8	-	-	-	-	-	-	-	48.1	-	-	
ASH STREET	NORTHEAST	-	3.7	4.3	132.5	16.5	4.4	18.5	176.1	-	-	-	-	-	-	-	18.5	-	-	
ASH STREET	SOUTHEAST	-	16.0	1.6	-	-	1.7	7.2	32.9	-	-	-	-	-	-	-	7.2	-	-	
ASH STREET	SOUTHWEST	-	1.8	4.4	333.4	10.0	4.8	19.1	260.5	-	-	-	-	-	-	-	19.1	-	-	
TOTALS:		5.0	50.0	162.0	1721.0	141.0	161.0	287.0	1398.0	11.0	6.0	1.0	1.0	1.0	1.0	1.0	2.0	93.0	194.0	2.0

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DRAWN - LMH	REVISIONS -	
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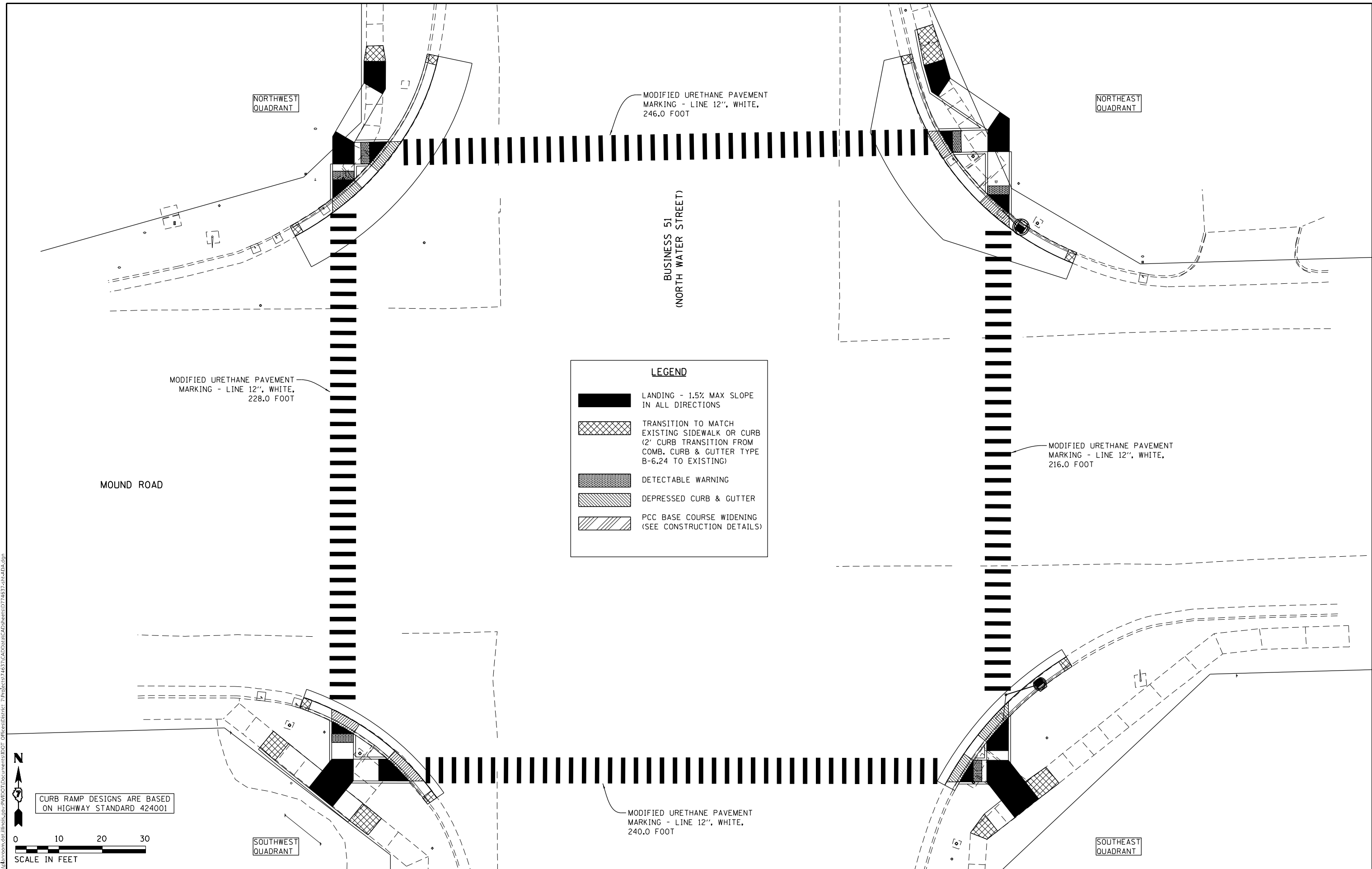
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES	
SCALE: SCALES	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	12
CONTRACT NO. 74637				
ILLINOIS		FED. AID PROJECT		

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CURB RAMP DESIGNS ARE BASED ON HIGHWAY STANDARD 424001



LEGEND

- LANDING - 1.5% MAX SLOPE IN ALL DIRECTIONS
- TRANSITION TO MATCH EXISTING SIDEWALK OR CURB (2' CURB TRANSITION FROM COMB. CURB & GUTTER TYPE B-6.24 TO EXISTING)
- DETECTABLE WARNING
- DEPRESSED CURB & GUTTER
- PCC BASE COURSE WIDENING (SEE CONSTRUCTION DETAILS)

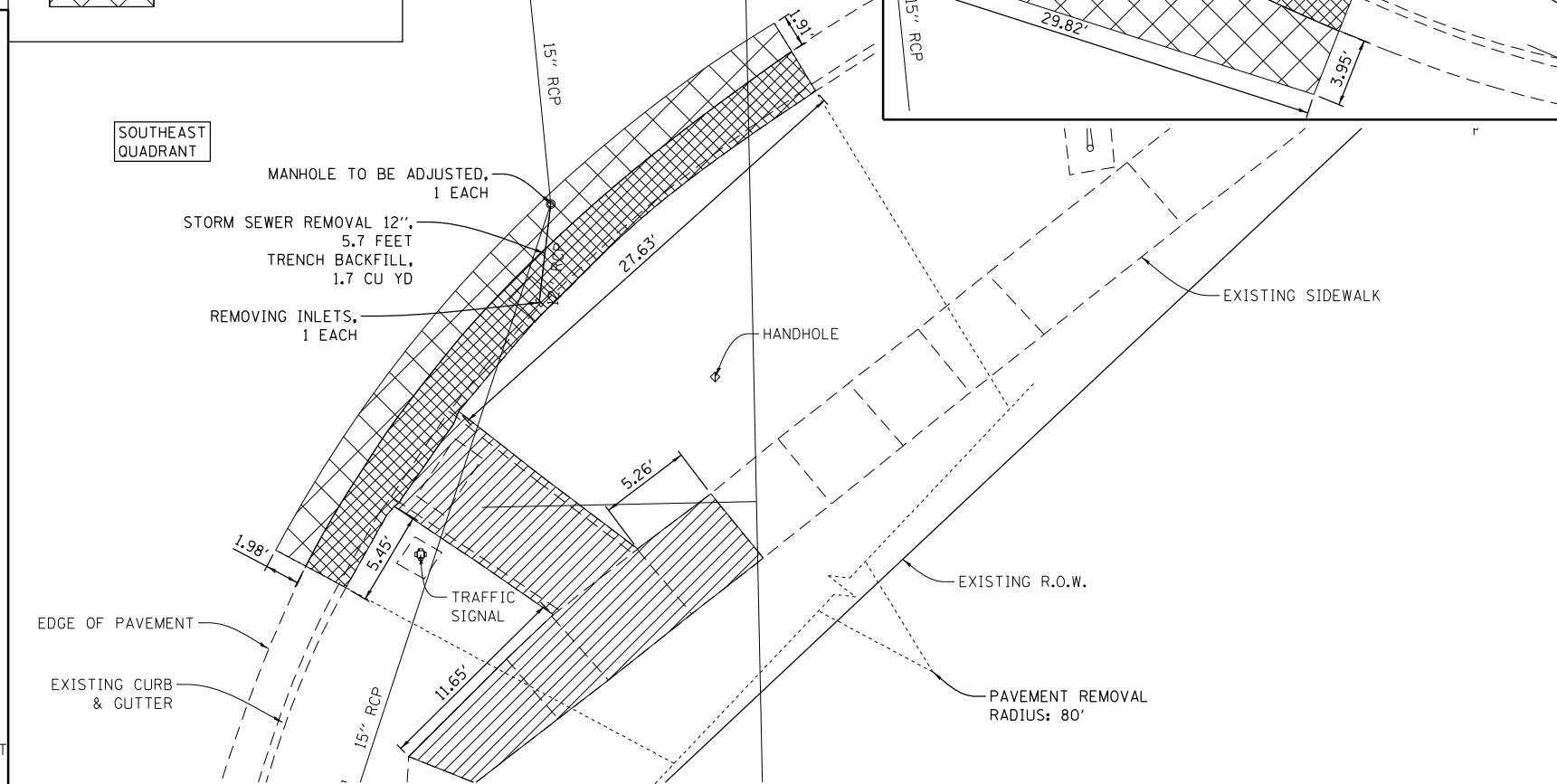
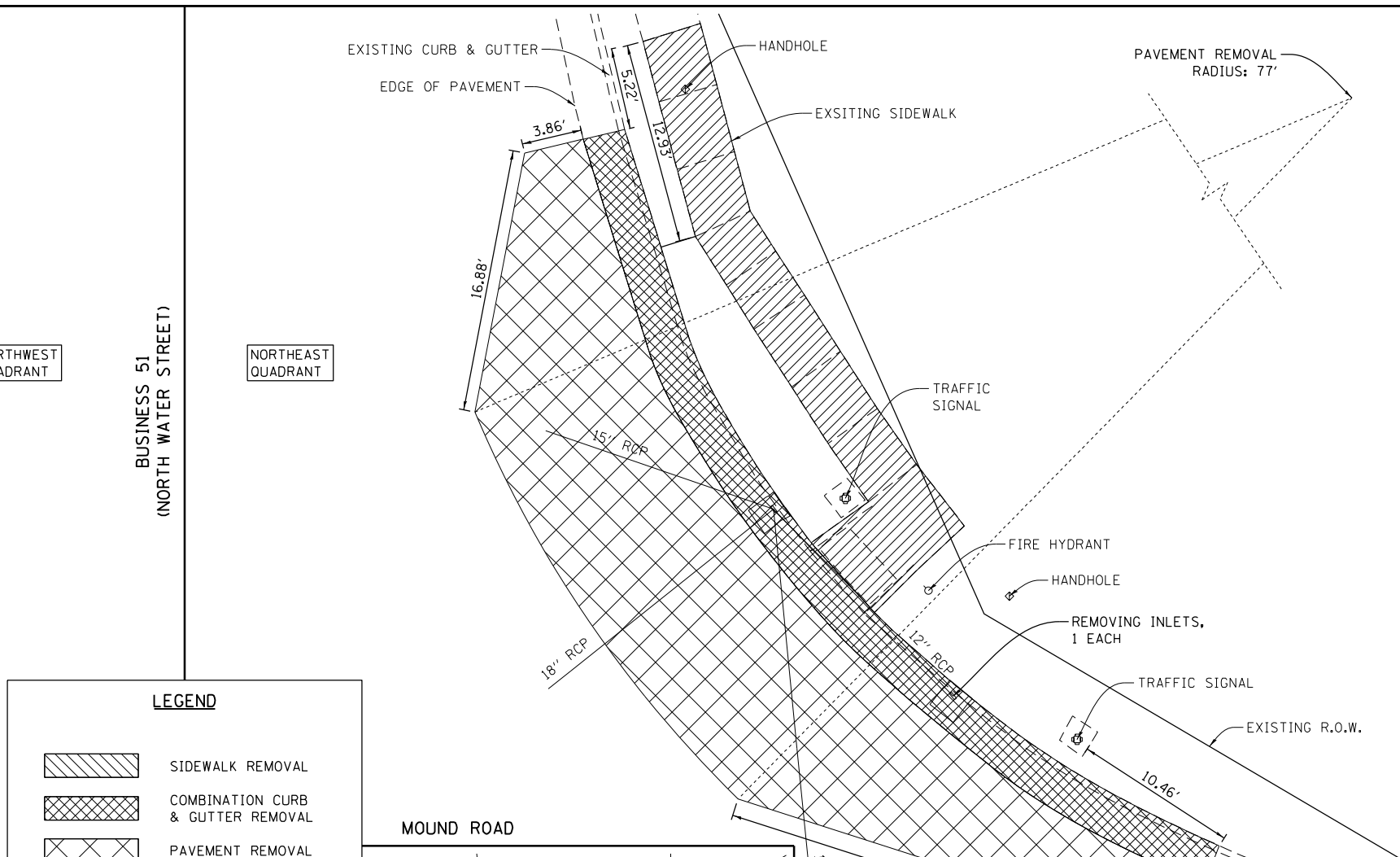
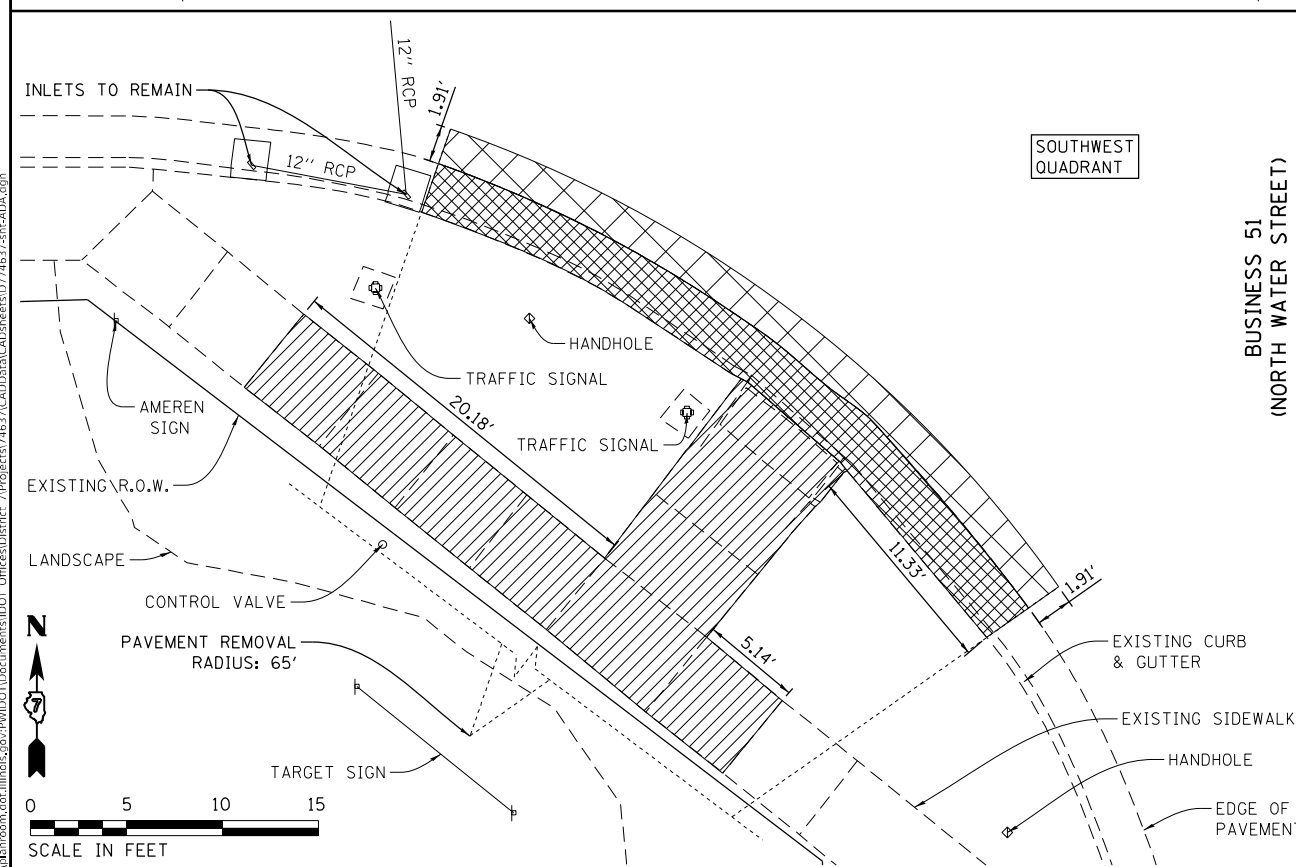
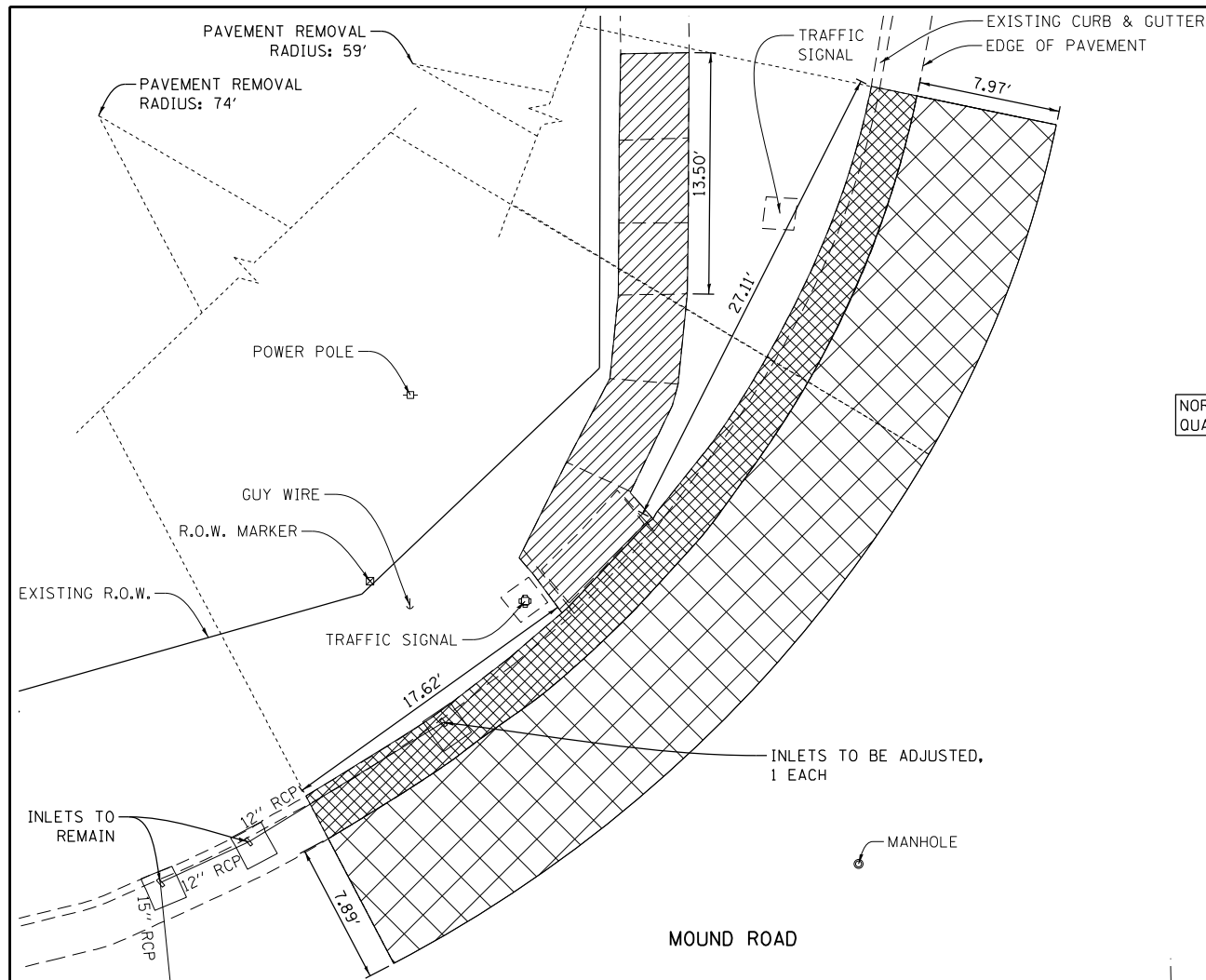
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DRAWN - HMG	REVISED -	
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PLOT DATE = 5/14/2021	DATE - 5/14/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERALL INTERSECTION DETAIL
NORTH WATER STREET & MOUND ROAD

SCALE: 20,0000 ' / in. SHEET OF SHEETS STA. TO STA.

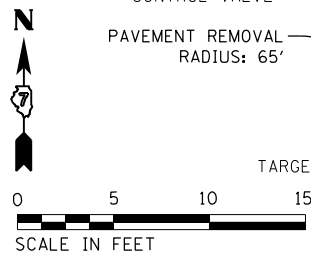
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	Macon	84	13
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				



LEGEND

- SIDEWALK REMOVAL
- COMBINATION CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL

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 PROJECT: 74637-3-50R3-3
 OFFICE: DISTRICT 7
 DATE: 5/14/2021



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DRAWN - HMG	REVISIONS -	
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/14/2021	DATE - 5/14/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

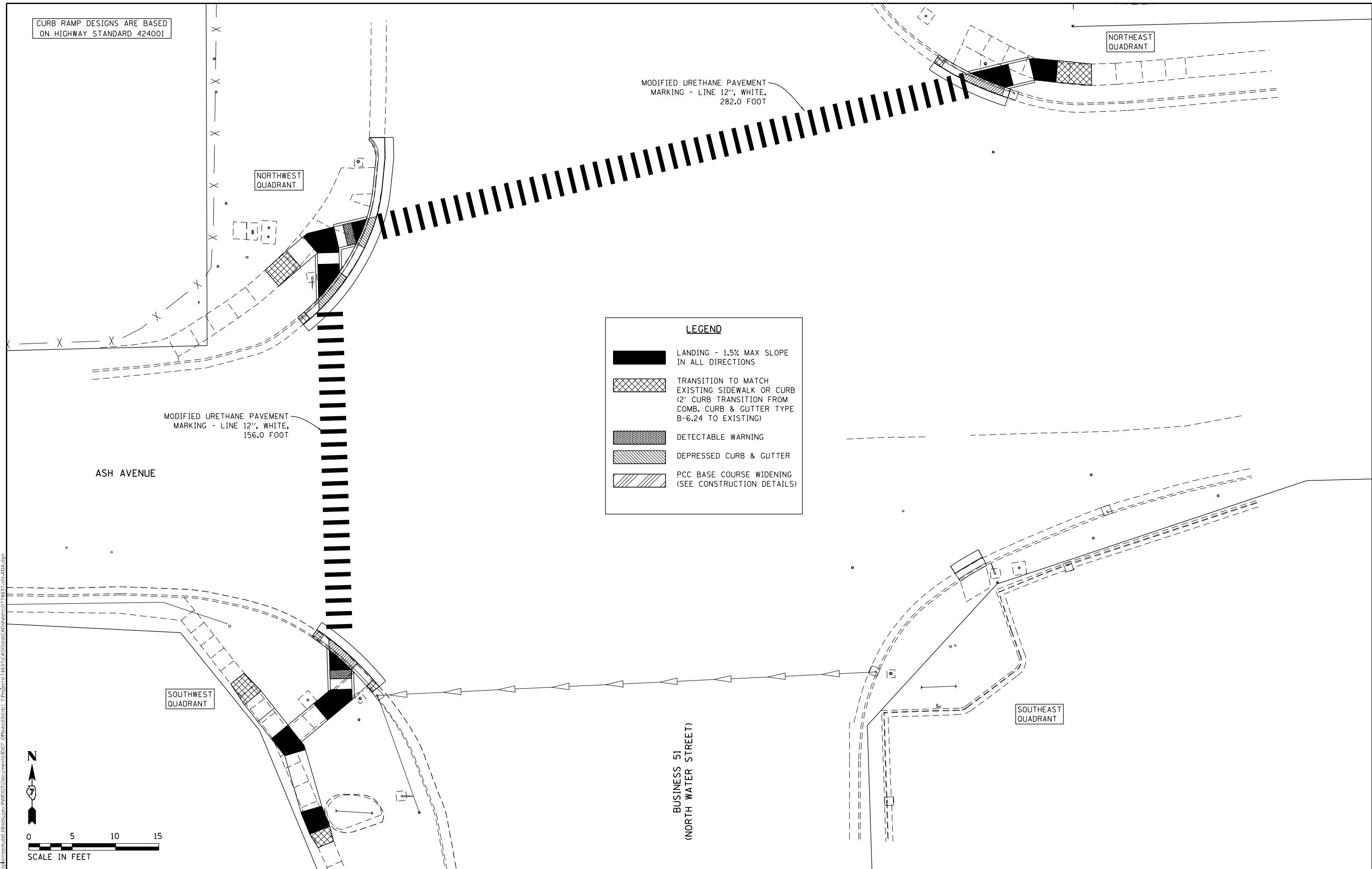
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NORTH WATER STREET & MOUND ROAD

SCALE: 10,0000' / in. SHEET OF SHEETS STA. TO STA.


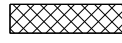

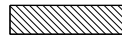
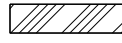
F.A.P. RTE. 710	SECTION *	COUNTY Macon	TOTAL SHEETS 84	SHEET NO. 14
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

(4822&3,5022&3,50R)RS-3

CURB RAMP DESIGNS ARE BASED ON HIGHWAY STANDARD 424001



LEGEND

-  LANDING - 1.5% MAX SLOPE IN ALL DIRECTIONS
-  TRANSITION TO MATCH EXISTING SIDEWALK OR CURB (2" CURB TRANSITION FROM COMB. CURB & GUTTER TYPE B-6.24 TO EXISTING)
-  DETECTABLE WARNING
-  DEPRESSED CURB & GUTTER
-  PCC BASE COURSE WIDENING (SEE CONSTRUCTION DETAILS)

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DRAWN - HMG	CHECKED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DATE - 5/14/2021	REVISED -
PLOT DATE = 5/14/2021		

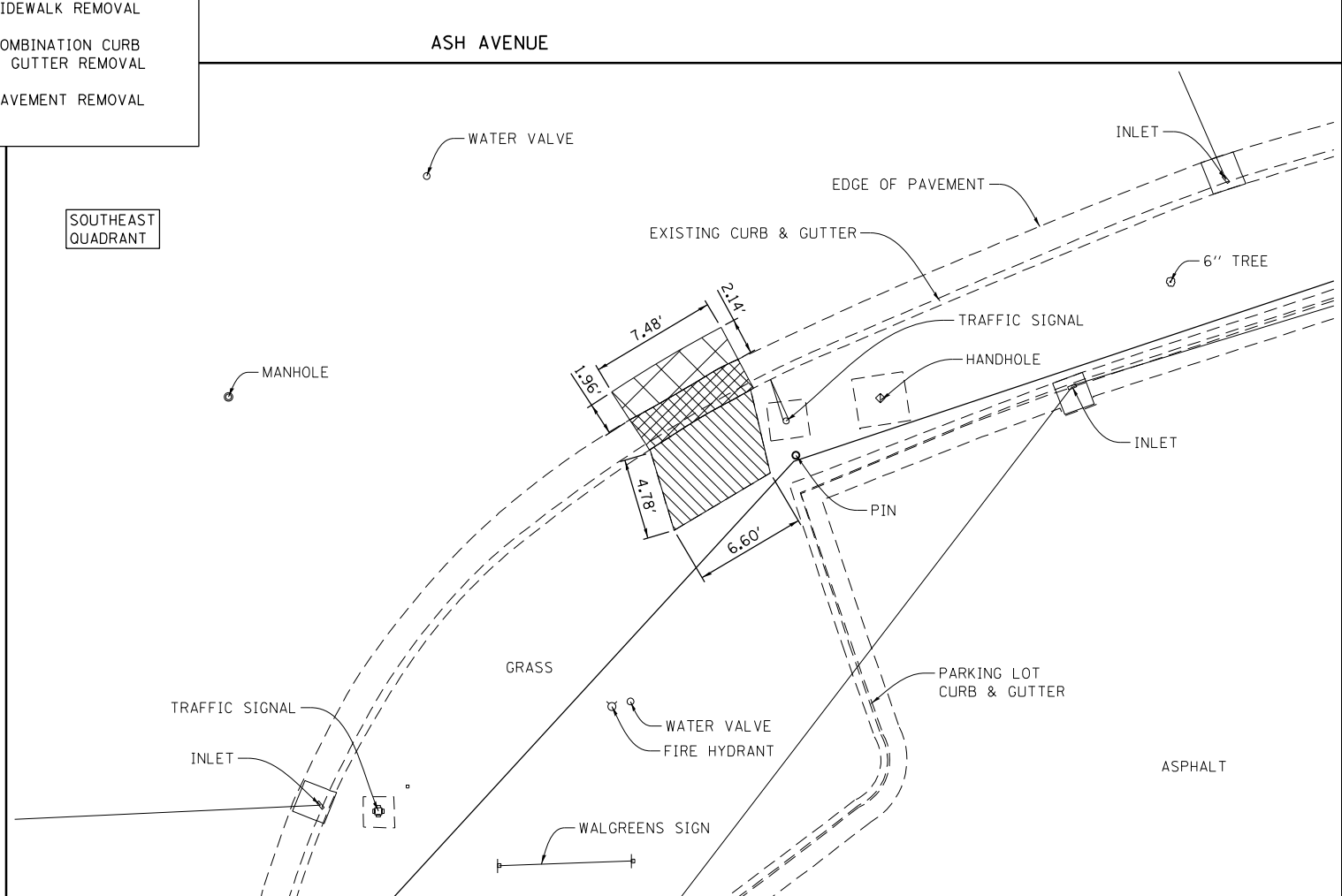
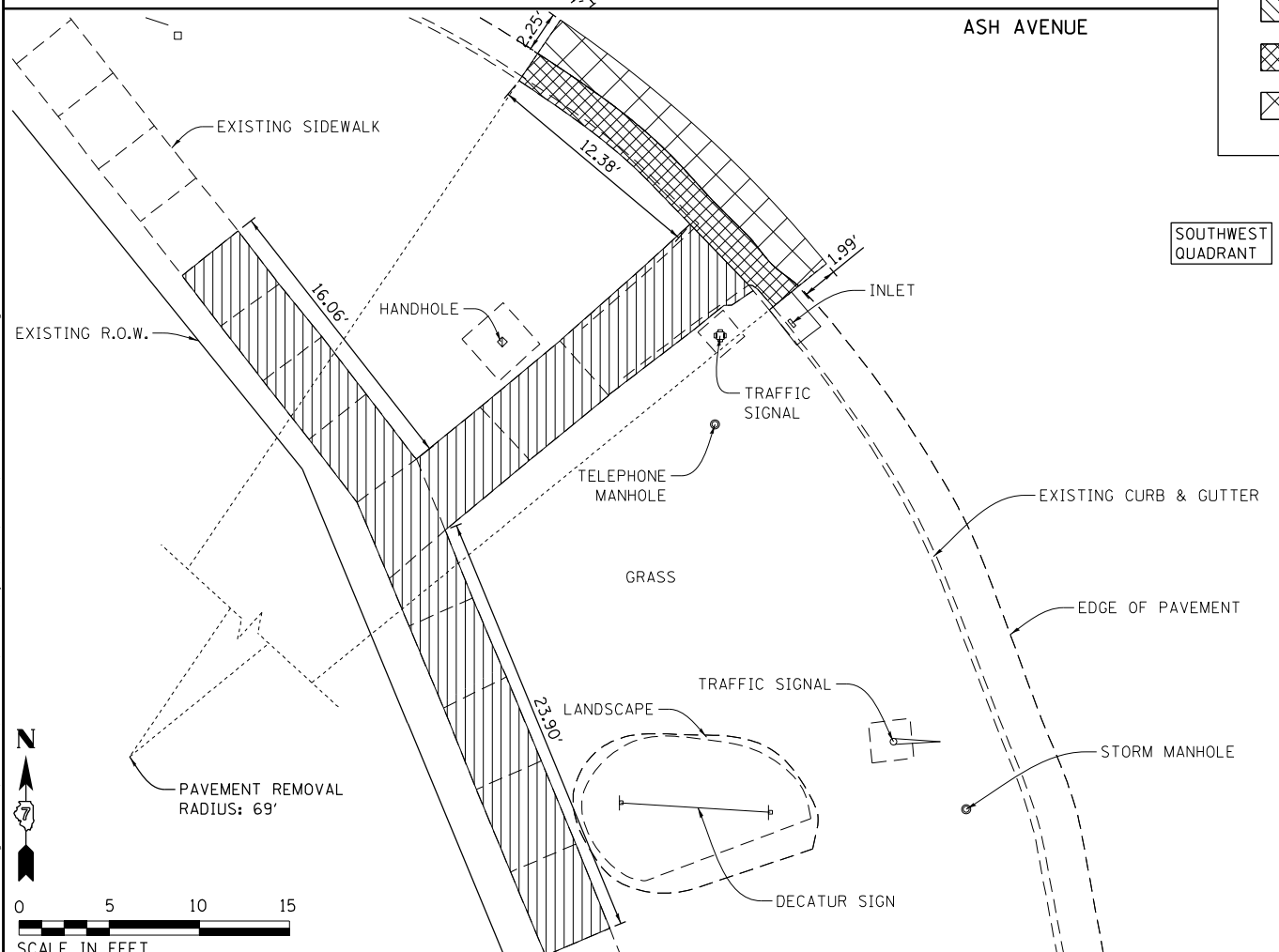
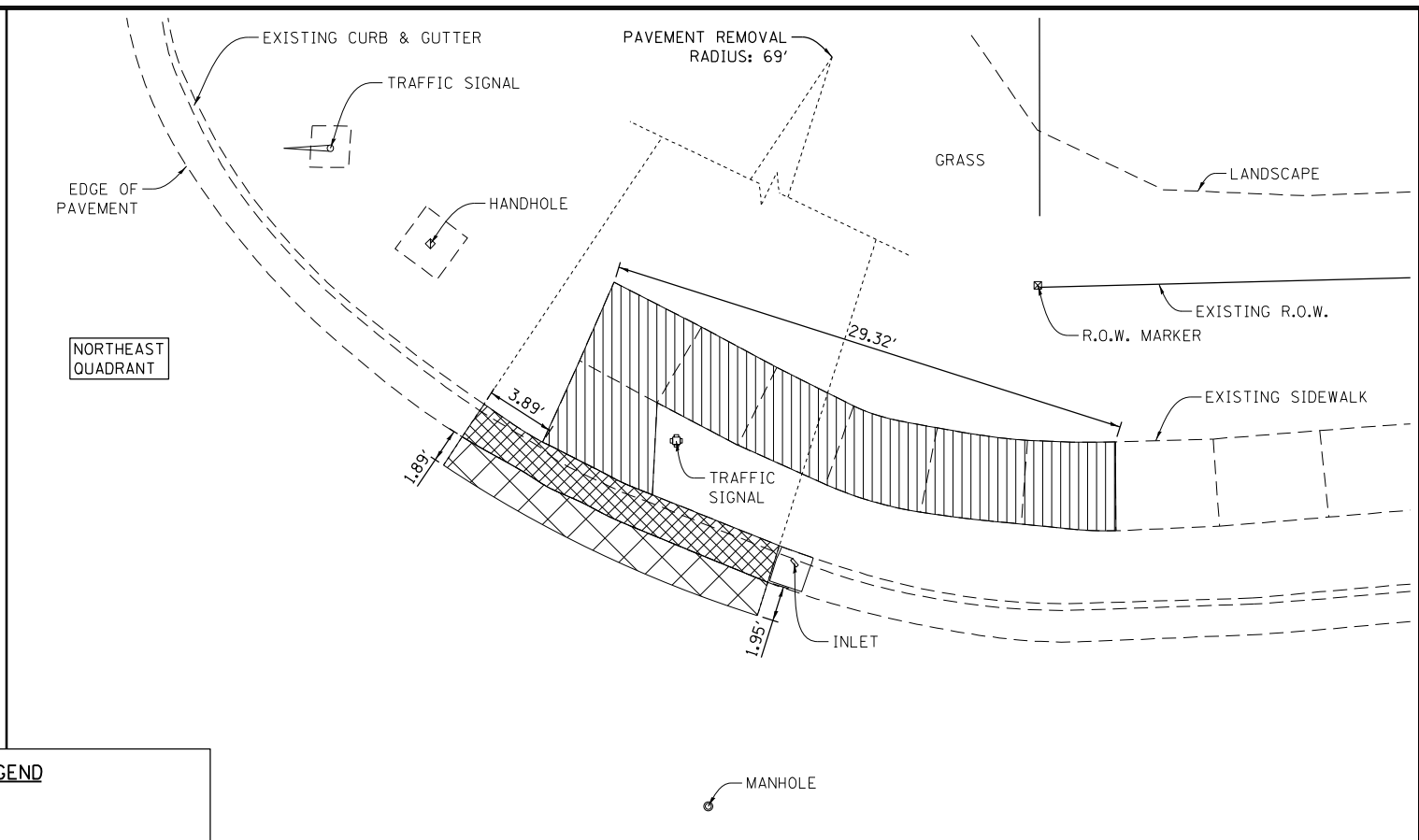
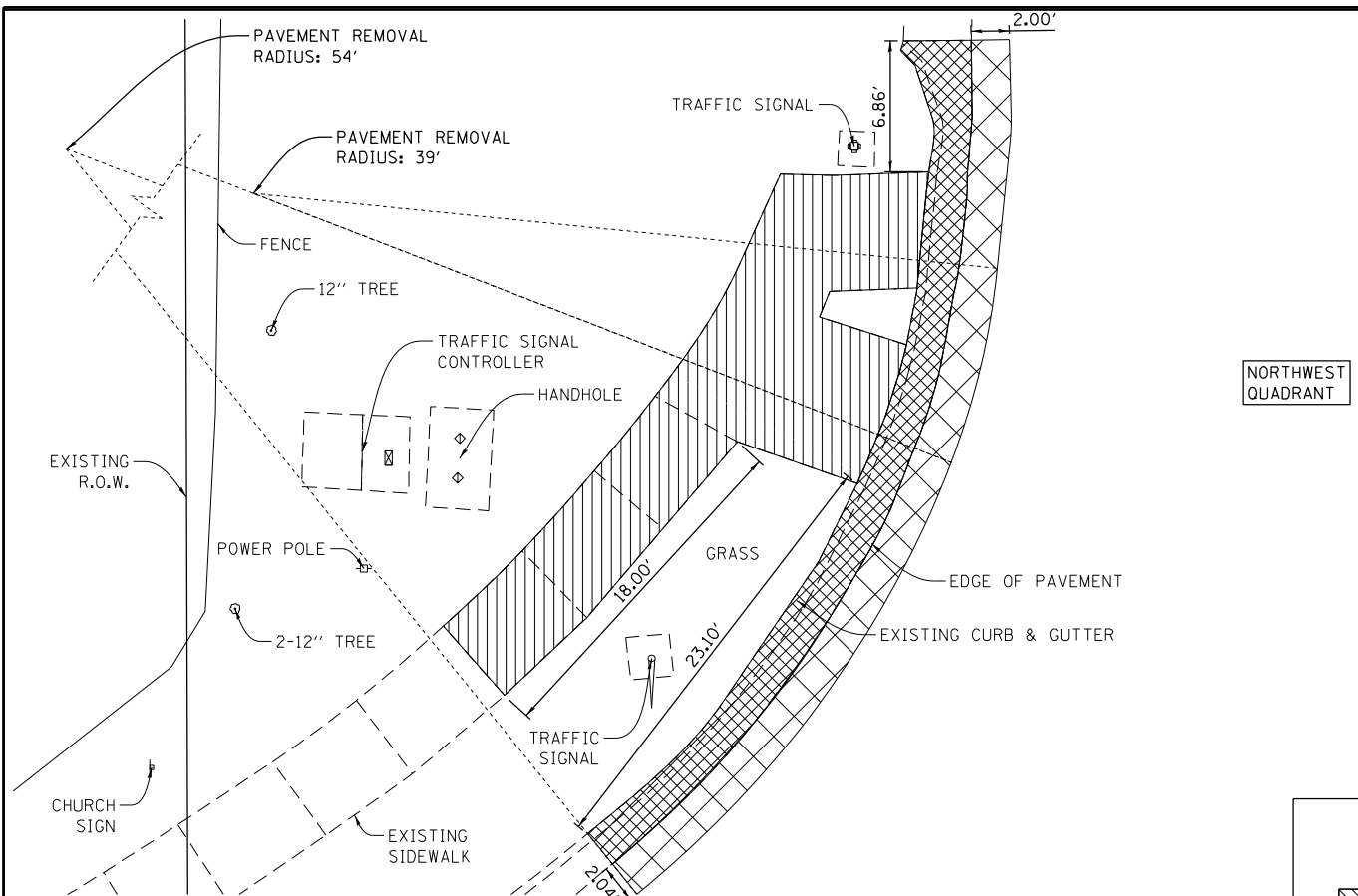
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

OVERALL INTERSECTION DETAIL
NORTH WATER STREET & ASH STREET

SCALE: 20,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	Macon	84	16
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

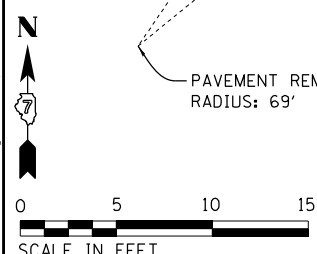
(4822&3,5022&3,50R)RS-3



LEGEND

- SIDEWALK REMOVAL
- COMBINATION CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL

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DRAWN - HMG	REVISED -	
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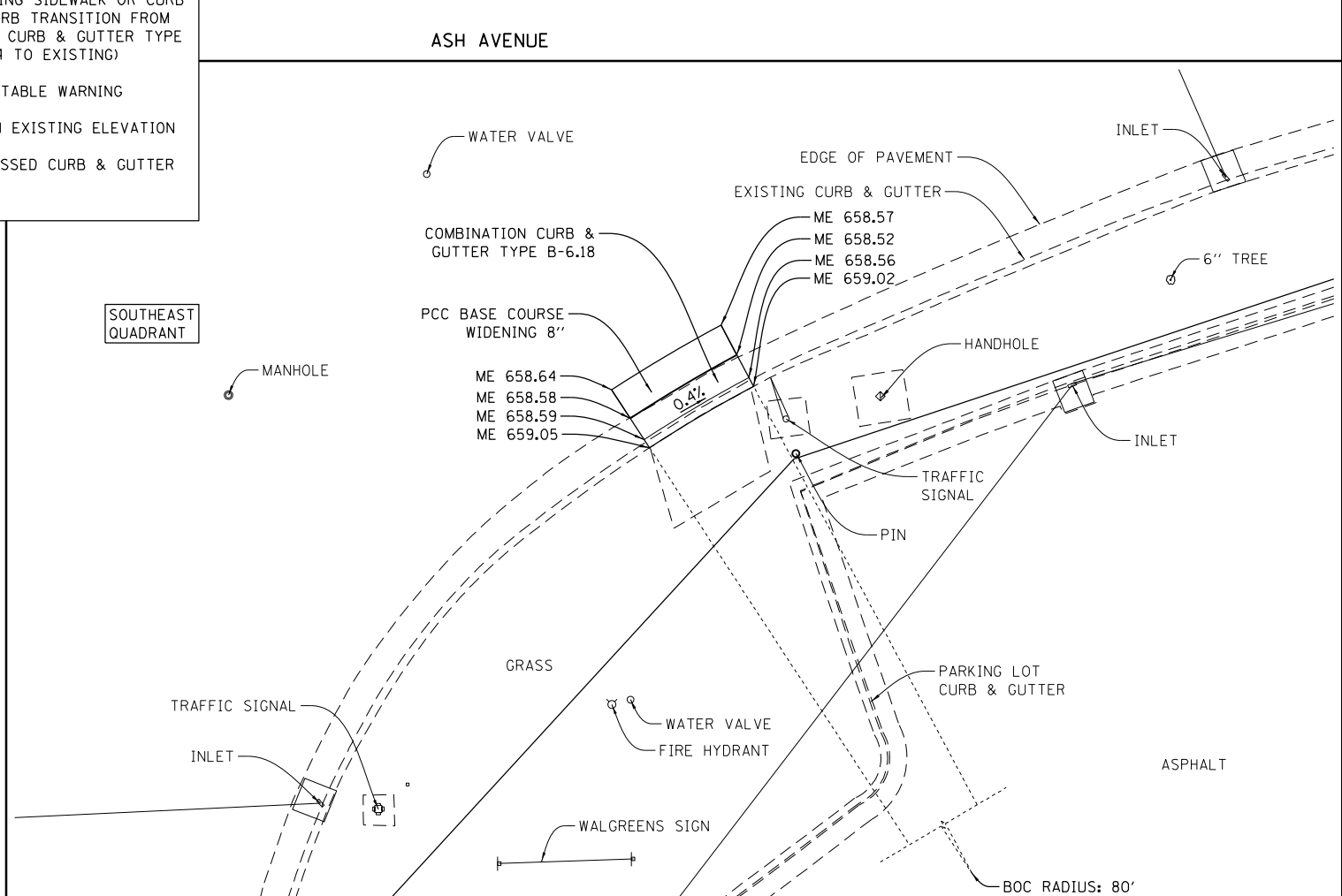
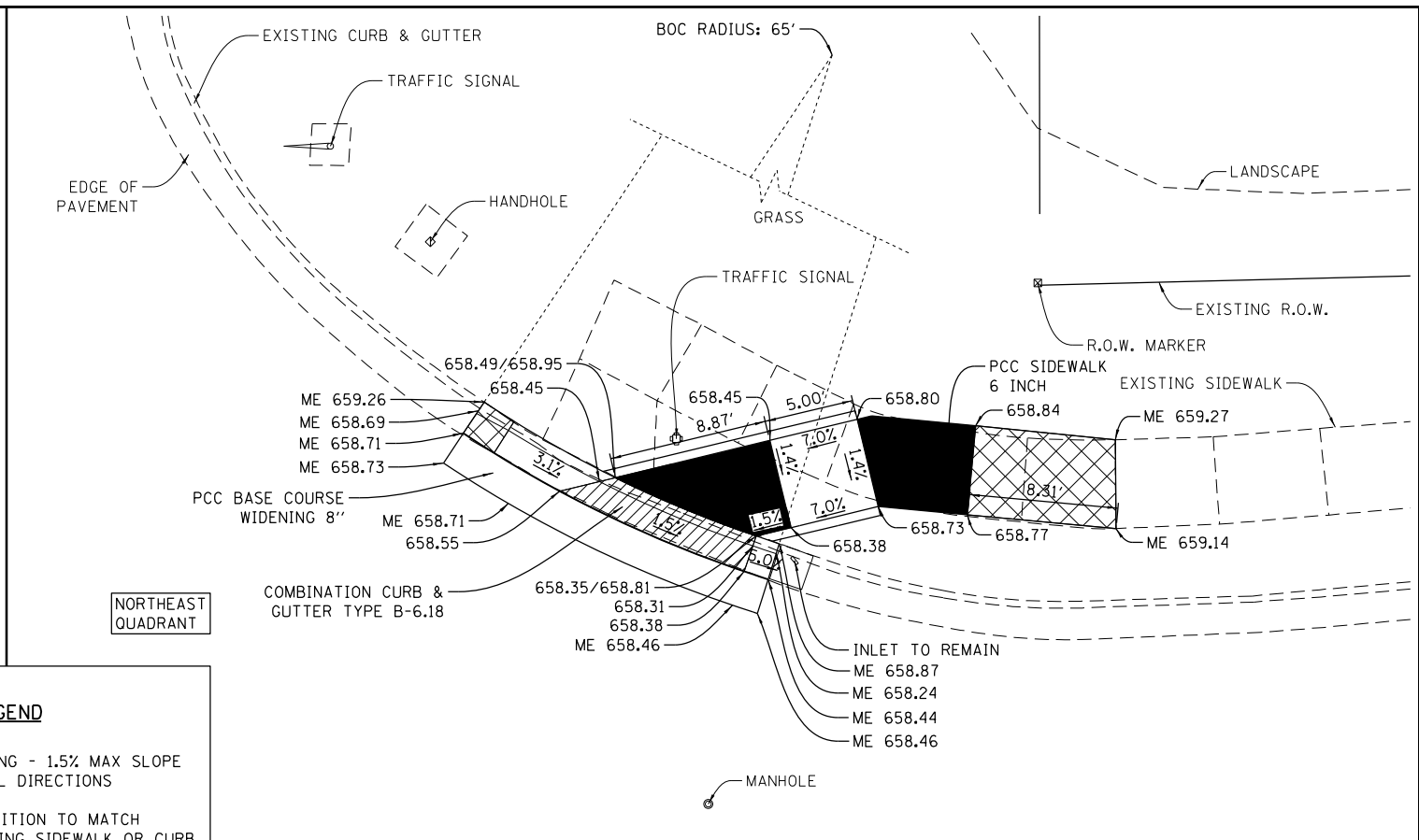
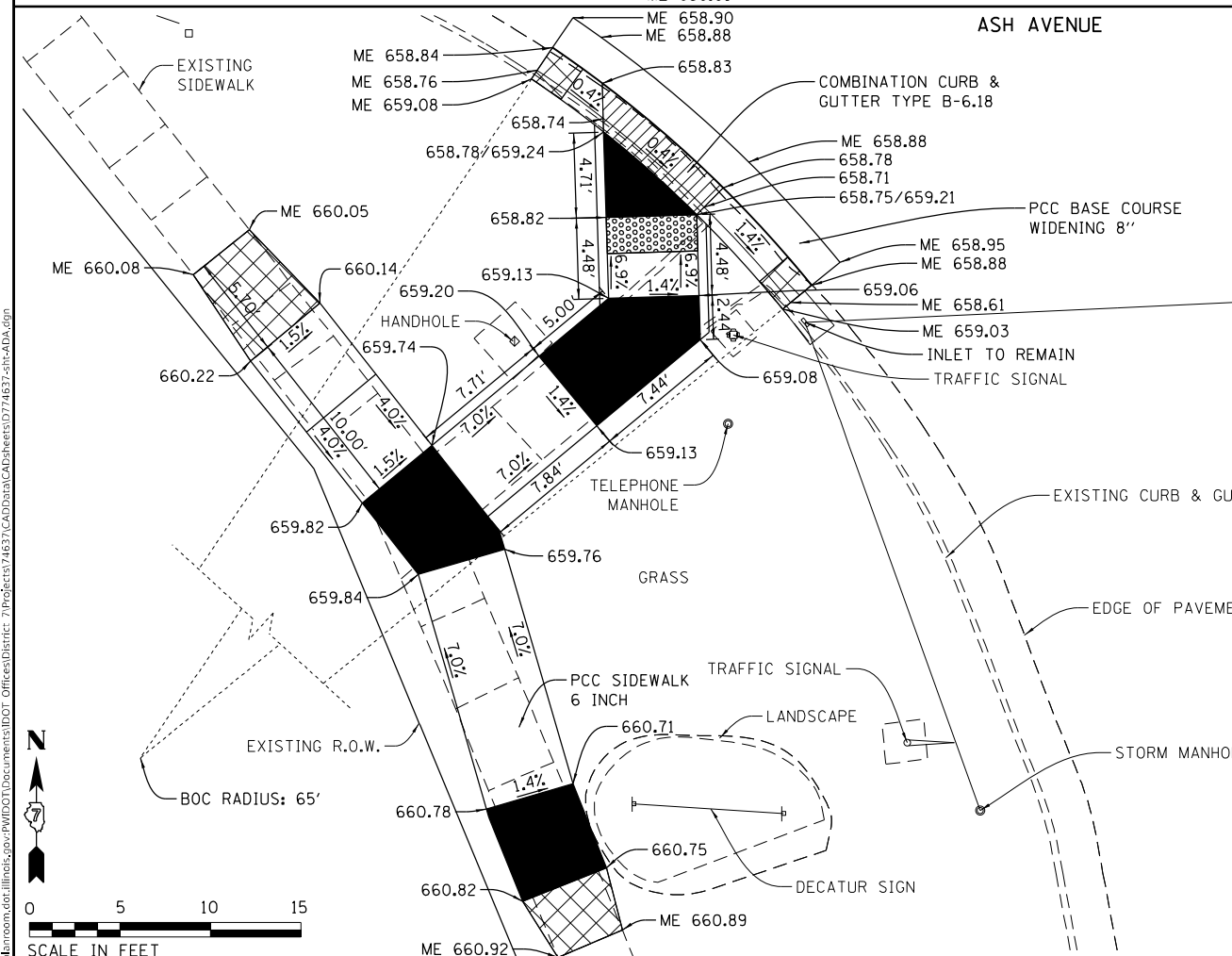
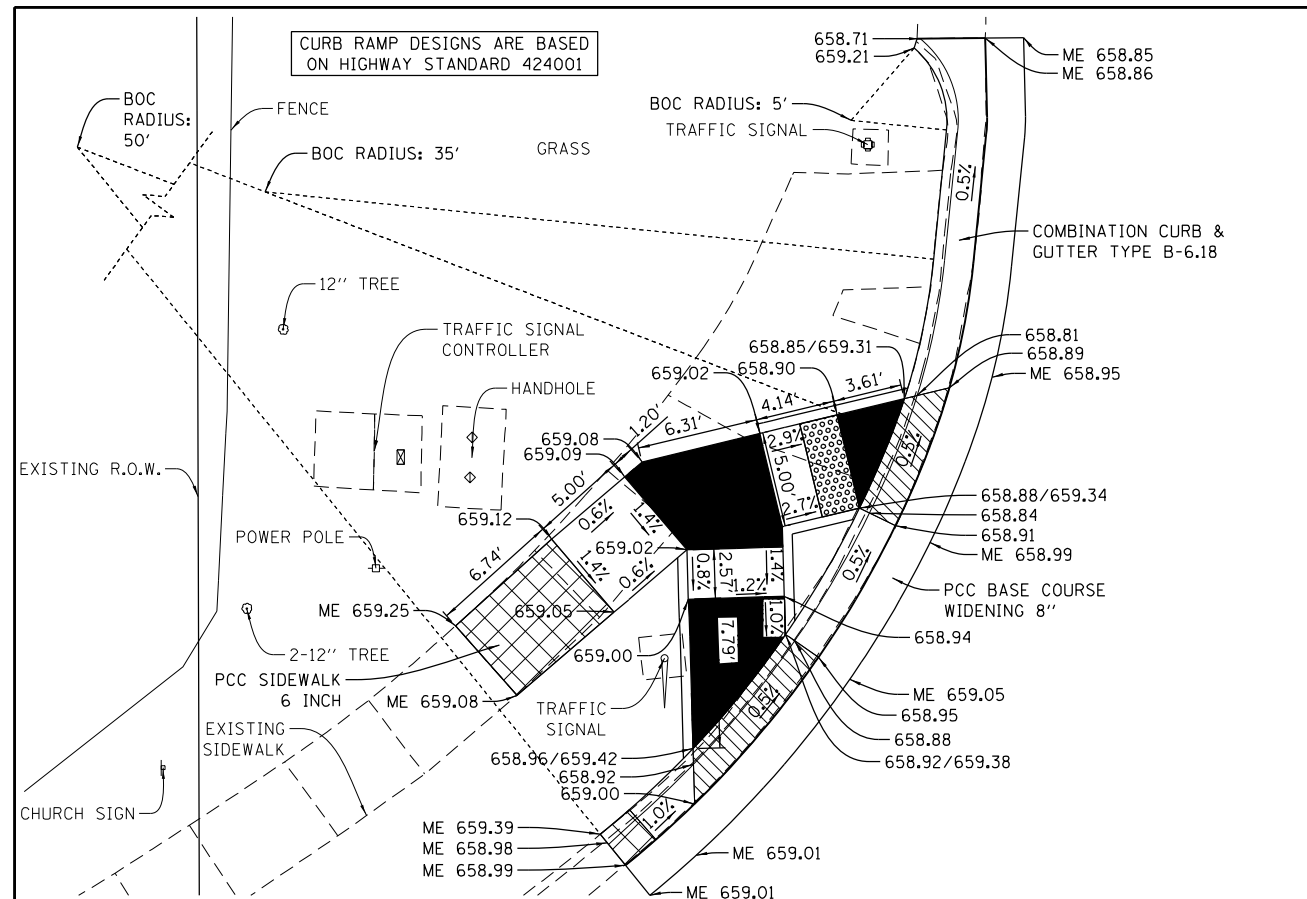
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION REMOVAL DETAIL
NORTH WATER STREET & ASH STREET**

F.A.P. RTE. 710	SECTION *	COUNTY Macon	TOTAL SHEETS 84	SHEET NO. 17
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

SCALE: 10,0000' / in. SHEET OF SHEETS STA. TO STA.

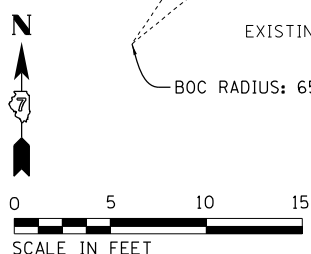
(4822&3,5022&3,50R)RS-3



LEGEND

- LANDING - 1.5% MAX SLOPE IN ALL DIRECTIONS
- TRANSITION TO MATCH EXISTING SIDEWALK OR CURB (2' CURB TRANSITION FROM COMB. CURB & GUTTER TYPE B-6.24 TO EXISTING)
- DETECTABLE WARNING
- MATCH EXISTING ELEVATION
- DEPRESSED CURB & GUTTER

MODEL: Default
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 PROJECT: 74637



USER NAME = stefnmk	DESIGNED - HMG	REVISED -
DRAWN - HMG	REVISIONS -	
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PLOT DATE = 5/14/2021	DATE - 5/14/2021	REVISED -

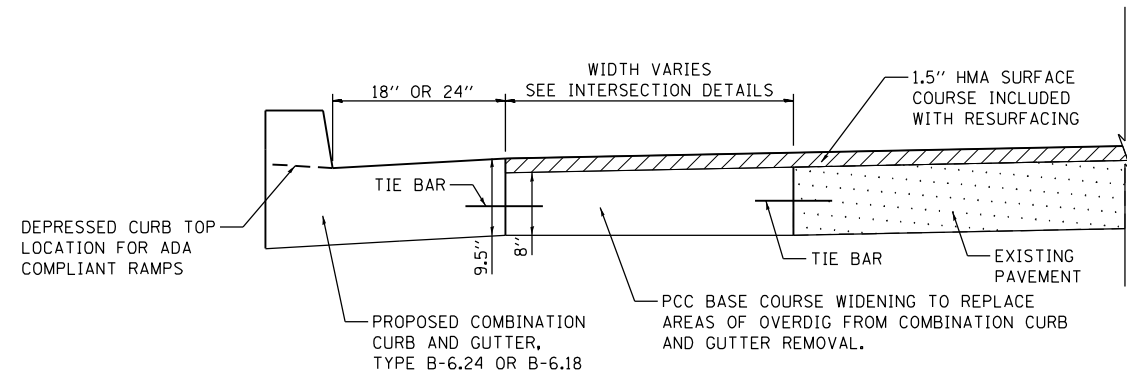
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAIL
NORTH WATER STREET & ASH STREET**

SCALE: 10,0000' / in. SHEET OF SHEETS STA. TO STA.

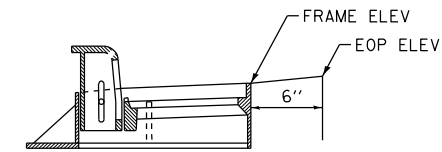
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	Macon	84	18
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

(4822&3,5022&3,50R)RS-3

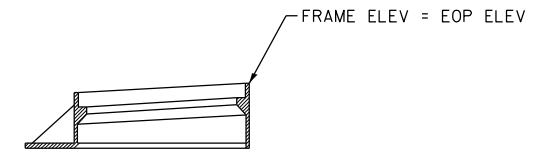


NOTE:
 PCC BASE COURSE WIDENING SHALL BE KEPT 1.5" BELOW THE FINISHED ELEVATION OF THE SURFACE COURSE SO THAT ONCE THE SURFACE COURSE IS APPLIED OVER THE PCC BASE COURSE WIDENING, THE SURFACE COURSE ELEVATION WILL BE FLUSH WITH THE ELEVATION OF THE EDGE OF GUTTER.

COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 OR B-6.18 DETAIL
 (NOT TO SCALE)



TYPE 3 DETAIL
 (HIGHWAY STANDARD 604006)



TYPE 24 DETAIL
 (HIGHWAY STANDARD 604091)

MODEL: Default
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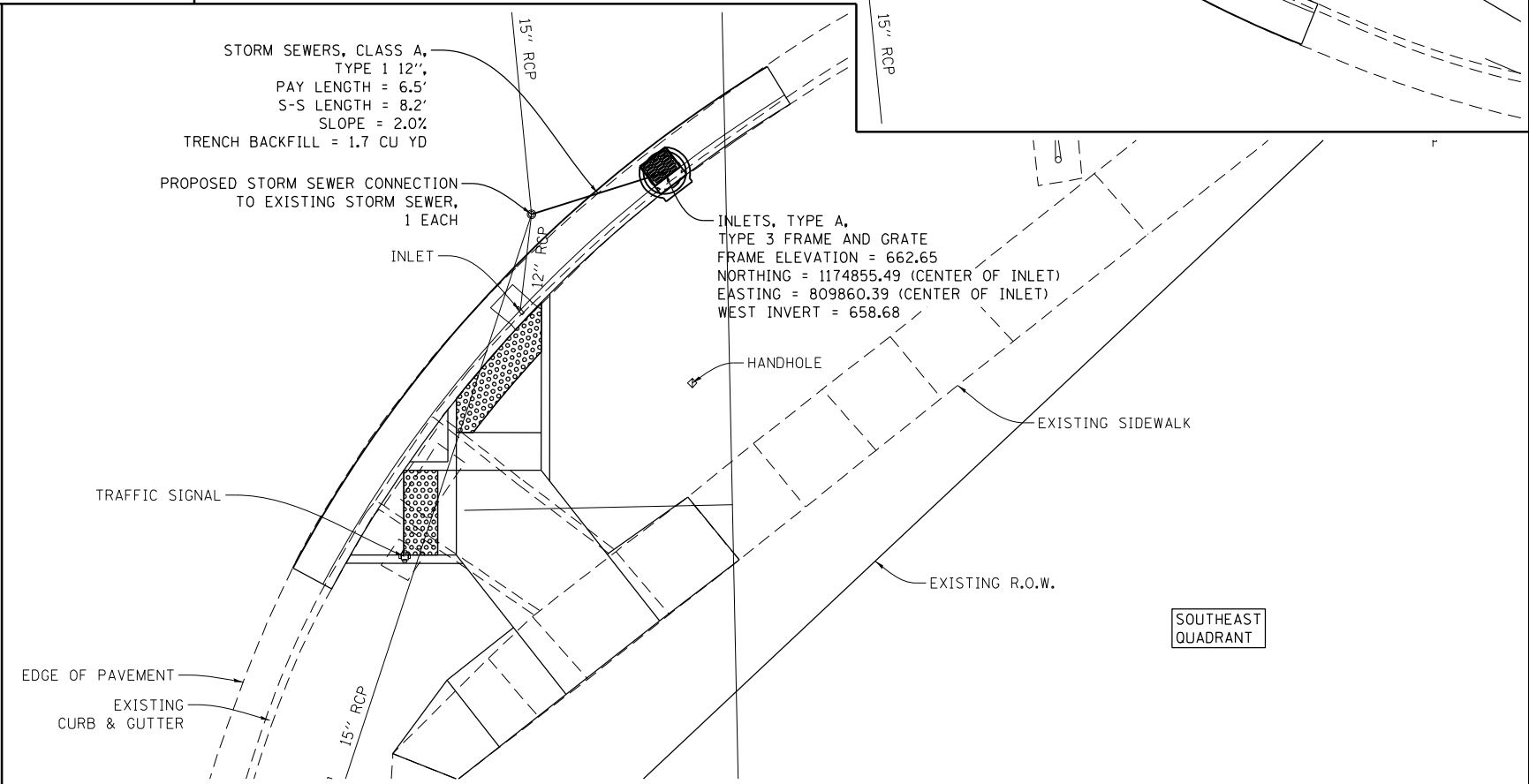
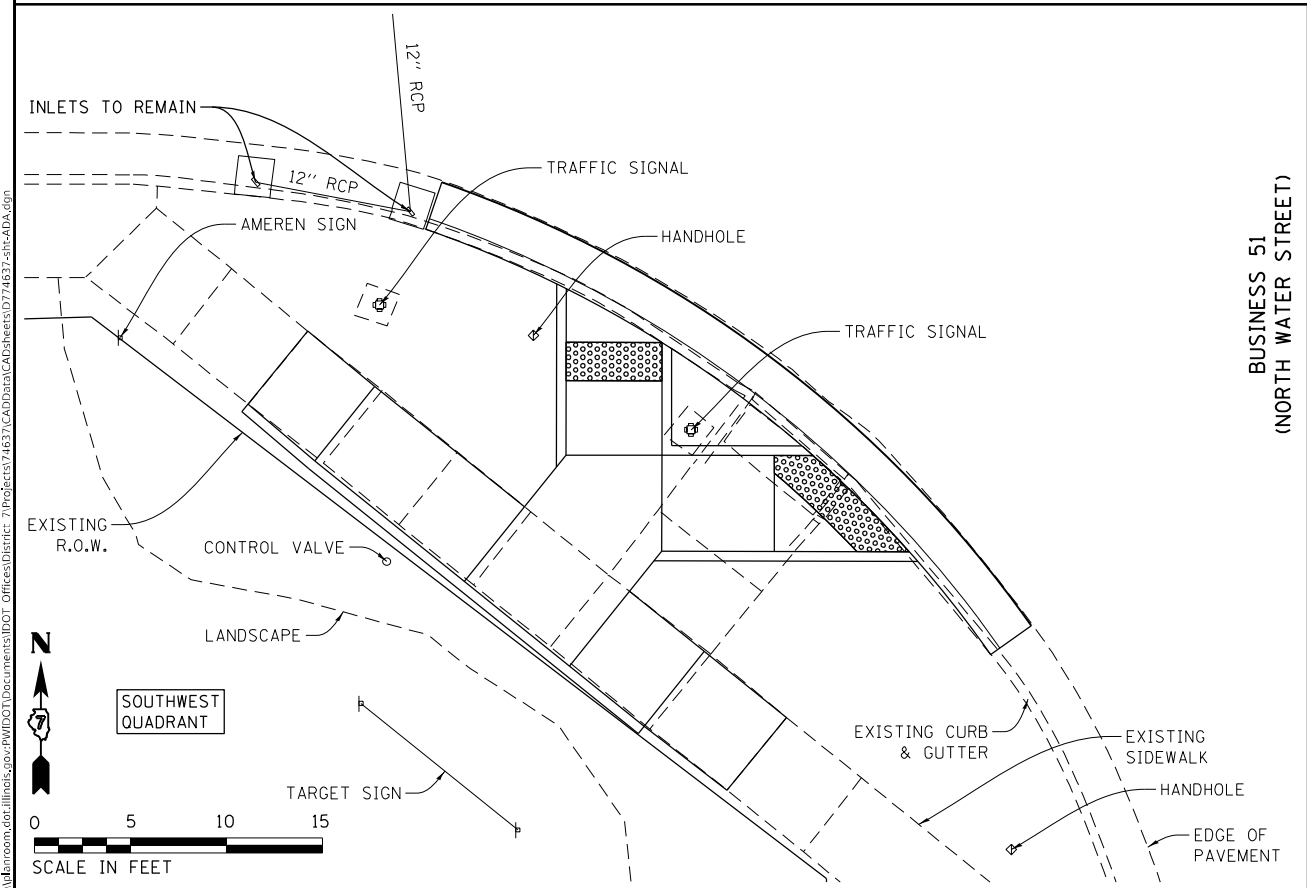
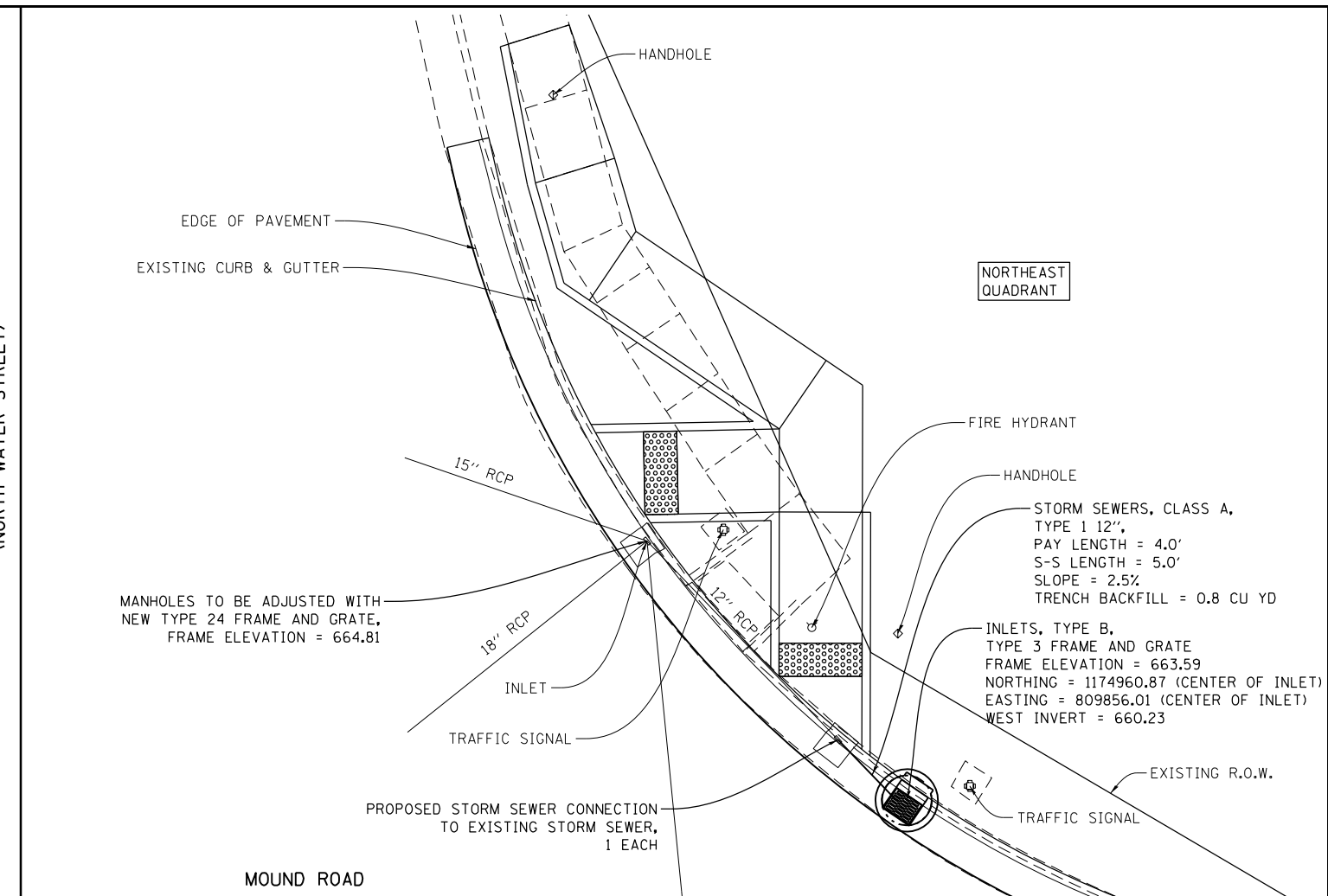
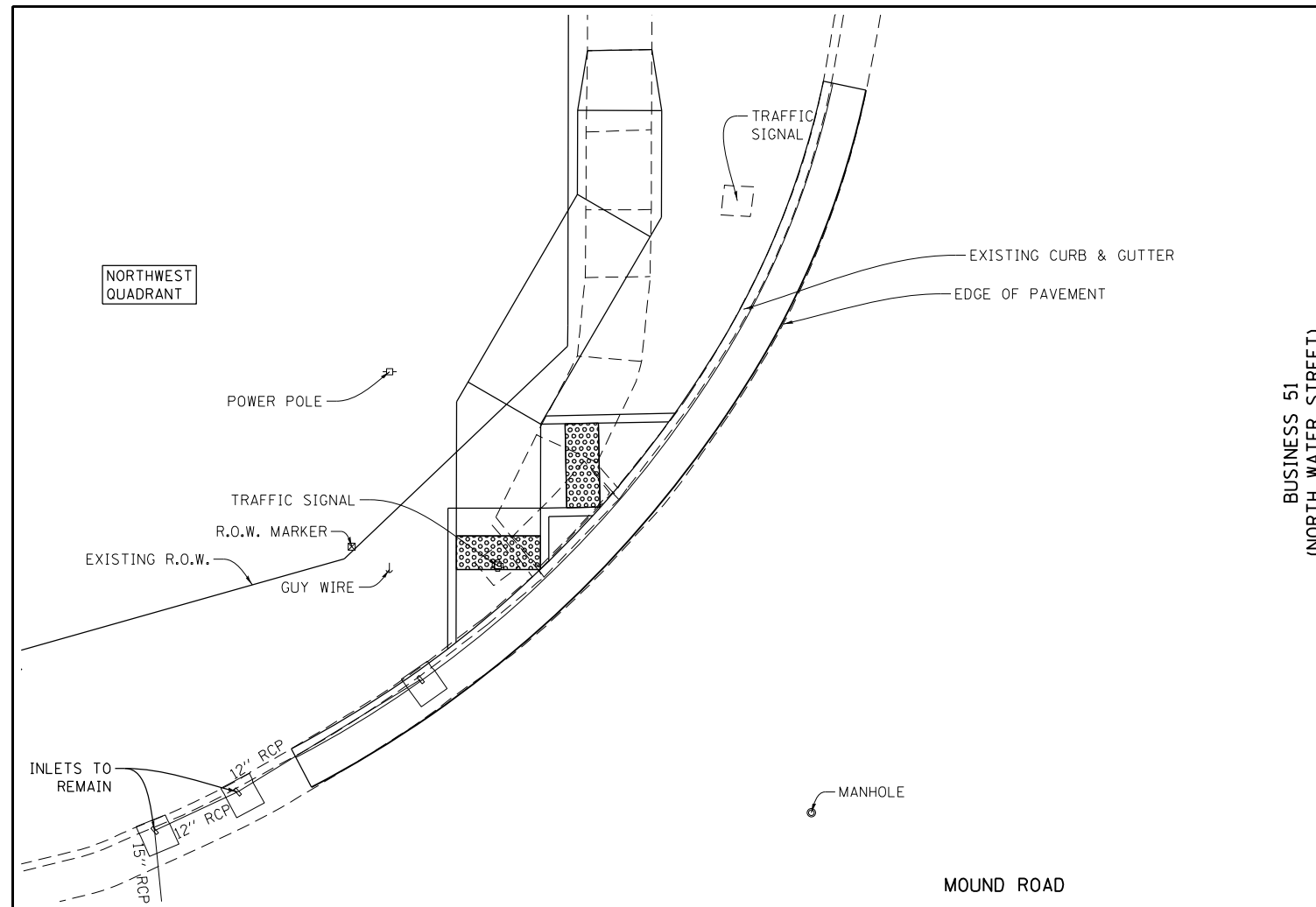
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS, SPECIAL PROVISIONS,
 & GENERAL NOTES**

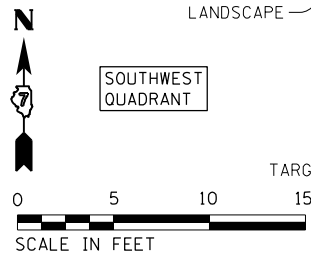
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	Macon	84	19
			CONTRACT NO. 74637	
		ILLINOIS FED. AID PROJECT		

(4822&3,5022&3,50R)RS-3



MODEL: Default
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 PROJECT: 74637
 OFFICE: DISTRICT 7
 CADD: 74637
 SHEET: 20



USER NAME = stefnmk	DESIGNED - HMG	REVISED -
DRAWN - HMG	REVISED -	
PLOT SCALE = 10,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/14/2021	DATE - 5/14/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

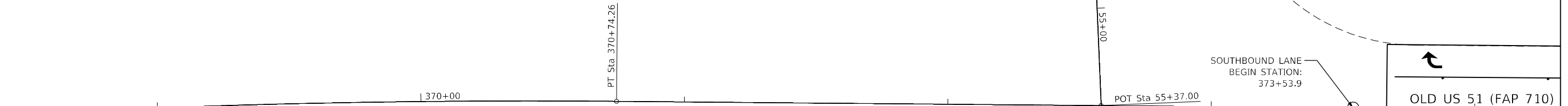
STORM SEWER DETAIL
NORTH WATER STREET & MOUND ROAD

SCALE: 10,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	Macon	84	20
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 374 + 32.6



EXIST. CURVE C22
 PI STA. = 368+10.85
 $\Delta = 7^\circ 58' 02''$ (RT)
 $D = 1^\circ 30' 36''$
 $R = 3,794.73'$
 $T = 264.26'$
 $L = 527.67'$
 $E = 9.19'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$

SOUTHBOUND LANE
 BEGIN STATION:
 373+53.9

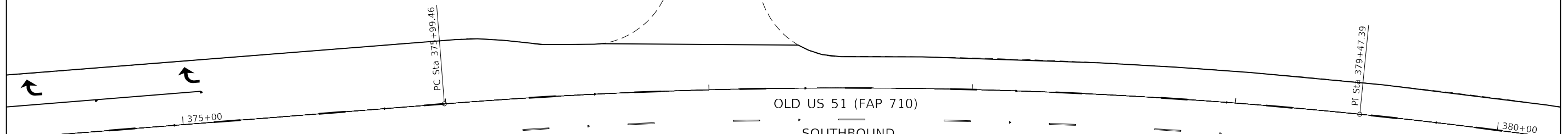
HMA SURFACE
 REMOVAL, 2½"

OLD US 51 (FAP 710)

SOUTHBOUND



MATCHLINE STA. 380 + 24.2



EXIST. CURVE C25
 PI STA. = 379+47.39
 $\Delta = 20^\circ 32' 26''$ (RT)
 $D = 2^\circ 59' 02''$
 $R = 1,920.17'$
 $T = 347.92'$
 $L = 688.38'$
 $E = 31.27'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 375+99.46$
 $P.T. STA. = 382+87.84$

MATCHLINE STA. 374 + 32.6

USER NAME = stefenmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/14/2021	DATE - 5/14/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET

SCALE: 40,0000' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74637	

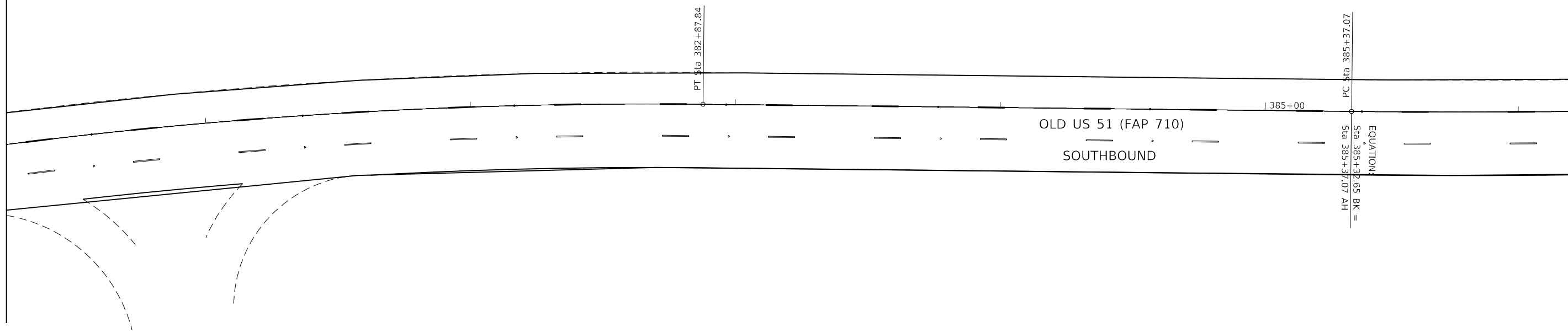
*(48Z 2&3, 50Z 2&3, 50R)RS-3

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 PROJECT: 74637
 DRAWING: 74637-510.dwg



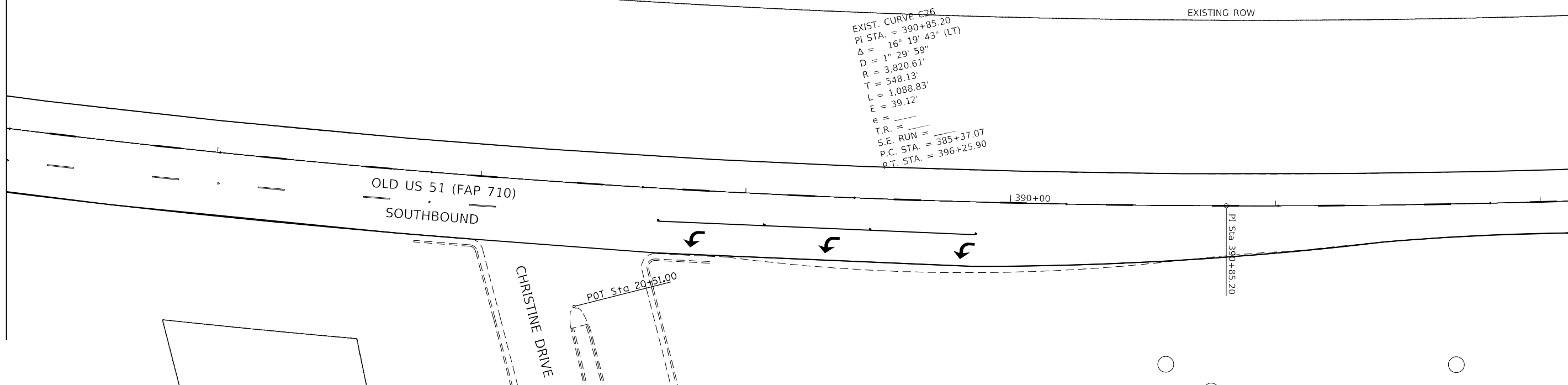
MATCHLINE STA. 380 + 24.2

MATCHLINE STA. 386 + 19.3



MATCHLINE STA. 386 + 19.3

MATCHLINE STA. 392 + 11.0



MODEL: Default
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PROJECT: P:\PROJECTS\74637\CADD\DATA\CAD\Drawings\74637-shc-plan.dwg

USER NAME = steffnmk	DESIGNED - LMH	REVISED -
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PLOT DATE = 5/14/2021	DATE - 5/14/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 40,0000 ' / in. SHEET OF SHEETS STA. TO STA.

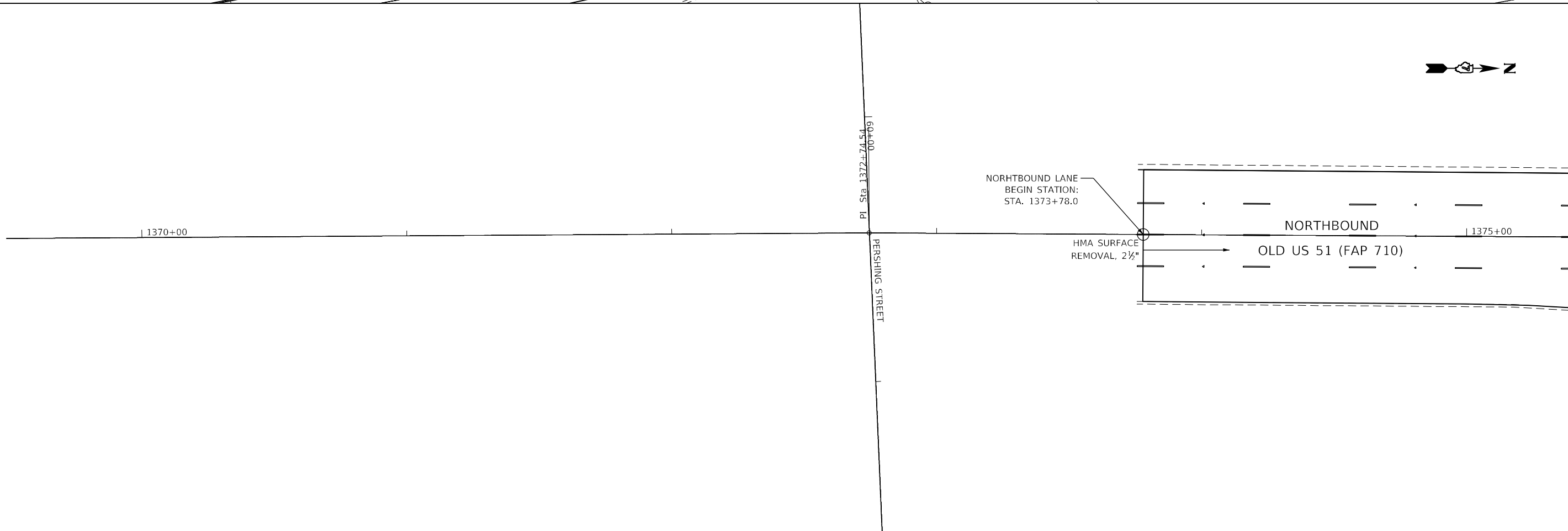
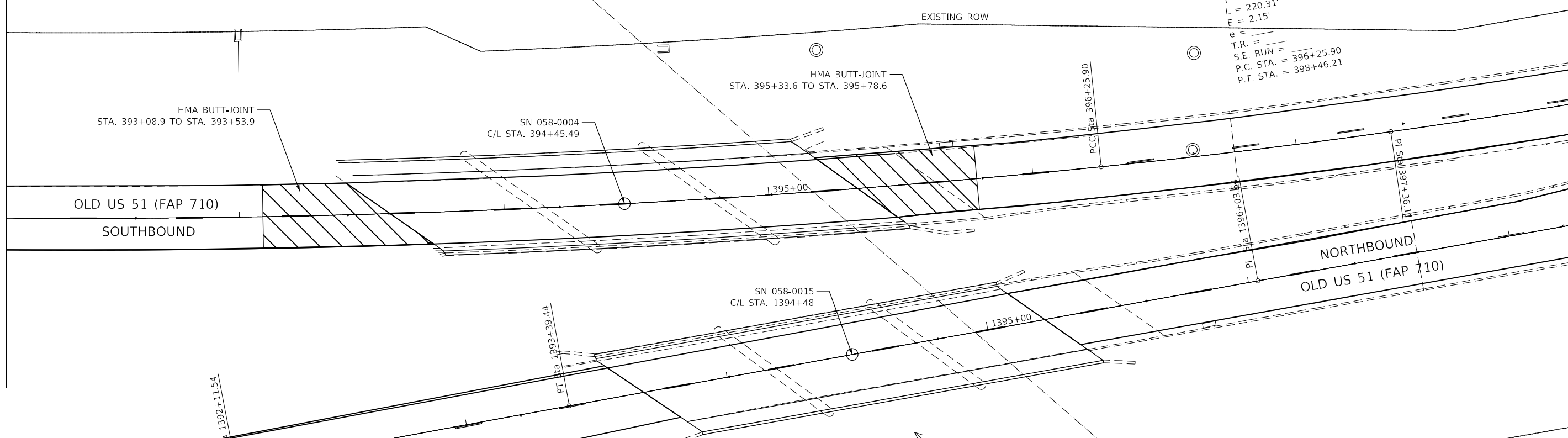
F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74637	

(48Z 2&3, 50Z 2&3, 50R)RS-3

EXIST. CURVE C27
 PI STA. = 397+36.11
 $\Delta = 4^\circ 28' 02''$ (LT)
 $D = 2^\circ 01' 40''$
 $R = 2,825.72'$
 $T = 110.21'$
 $L = 220.31'$
 $E = 2.15'$
 $e =$
 $T.R. =$
 $S.E. RUN = 396+25.90$
 $P.C. STA. = 396+25.90$
 $P.T. STA. = 398+46.21$

MATCHLINE STA. 392 + 11.0

MATCHLINE STA. 398 + 04.2 MATCHLINE STA. 1397 + 22.7



MATCHLINE STA. 1375 + 38.8

MODEL: Default
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 OFFICE: DISTRICT 7
 PROJECT: 74637
 CAD: 74637
 SHEET: 23

USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS	
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PLOT DATE = 5/14/2021	DATE - 5/14/2021	REVISED -

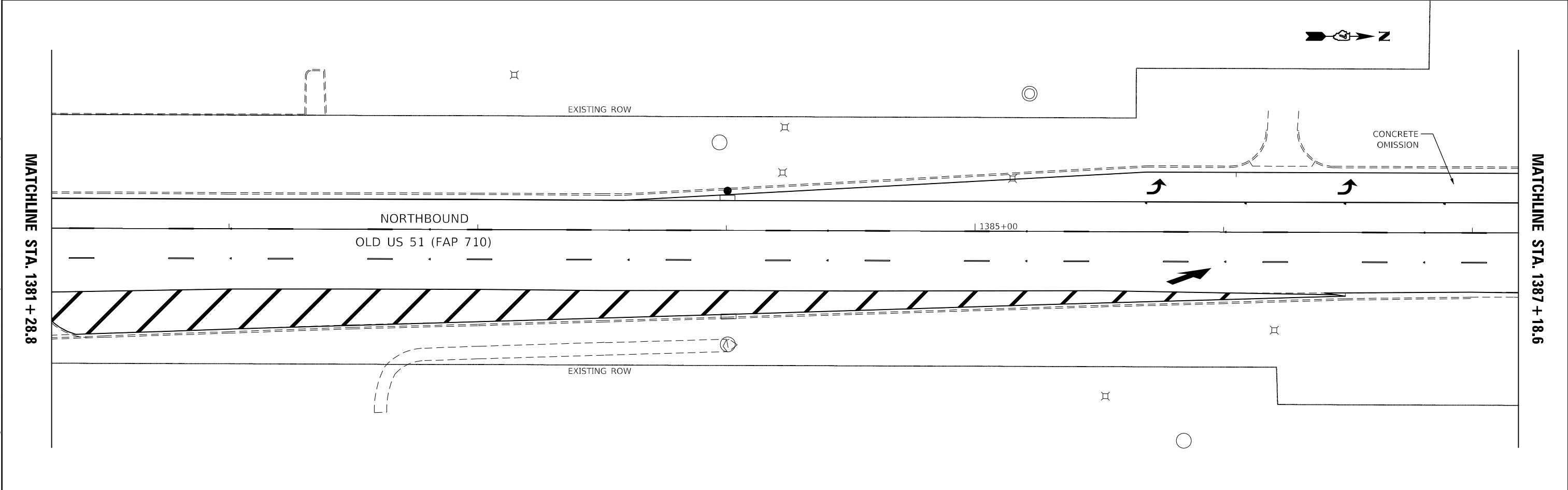
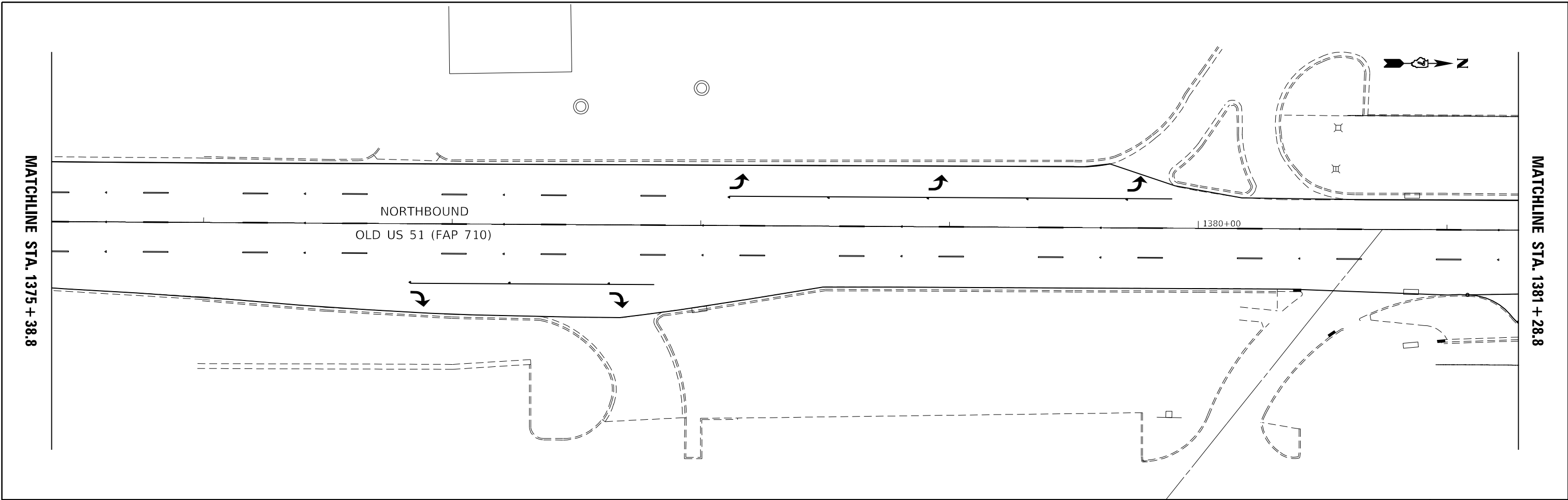
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 40,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	23
CONTRACT NO. 74637				

(48Z 2&3, 50Z 2&3, 50R)RS-3



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DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DATE - 5/14/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET	
SCALE: 40,0000 ' / in.	SHEET OF SHEETS
STA. TO STA.	

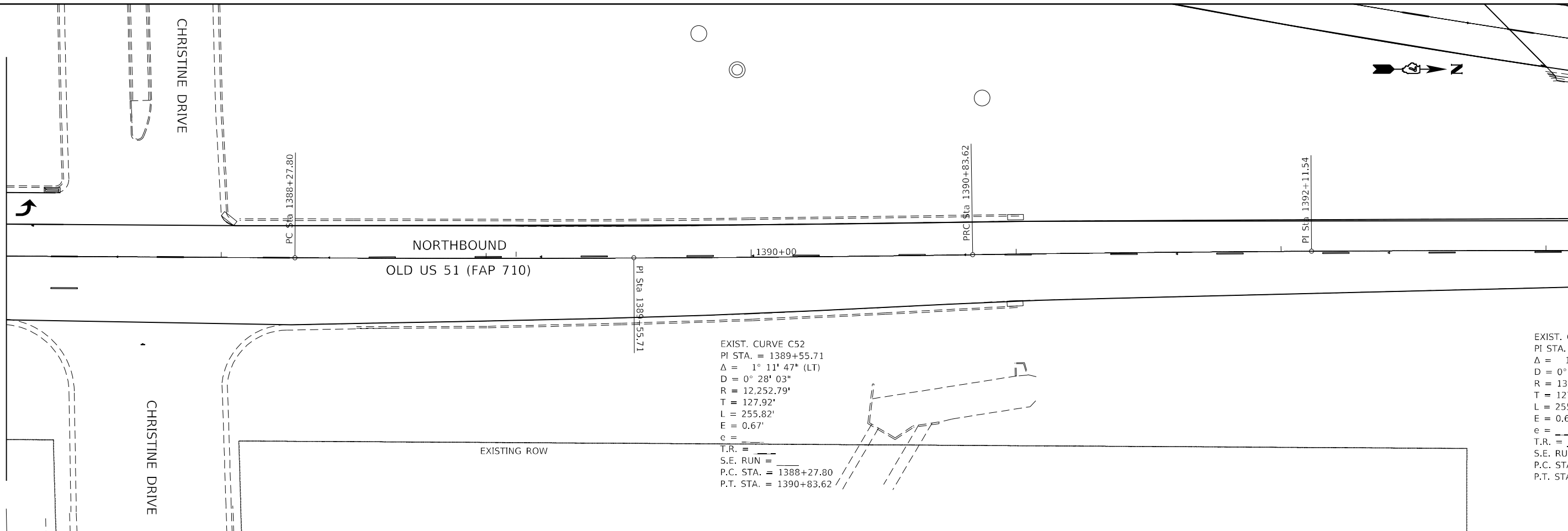
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CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

*(48Z 2&3, 50Z 2&3, 50R)RS-3



MATCHLINE STA. 1387 + 18.6

MATCHLINE STA. 1393 + 08.9

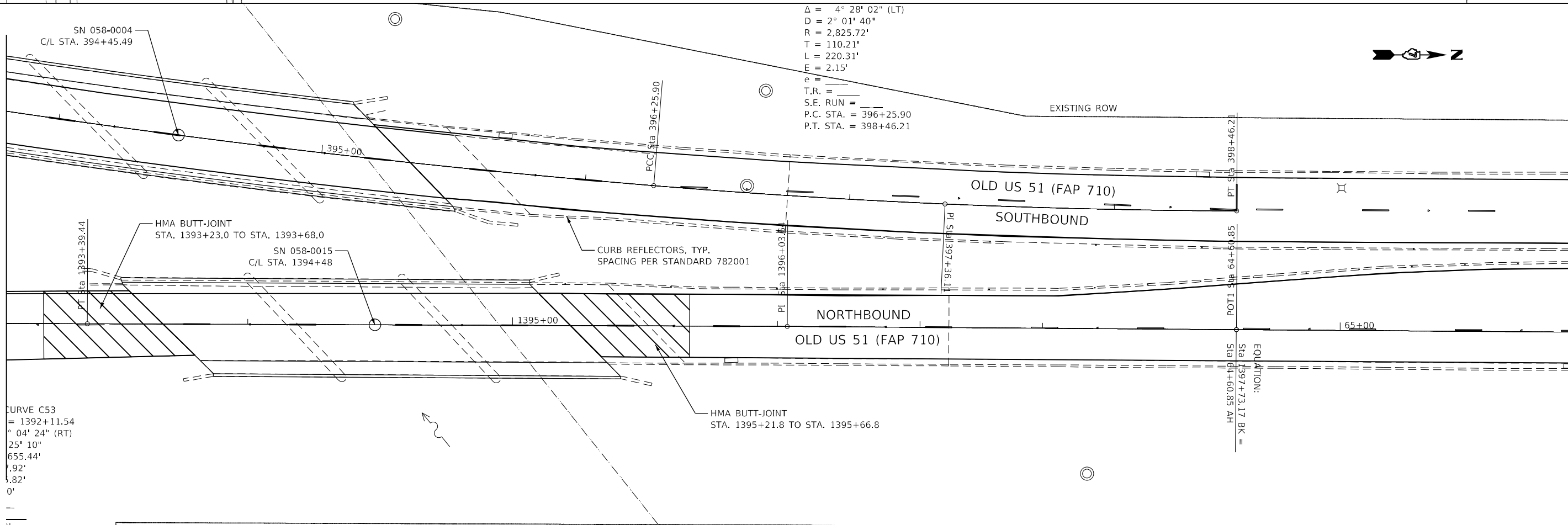


EXIST. CURVE C52
 PI STA. = 1389+55.71
 Δ = 1° 11' 47" (LT)
 D = 0° 28' 03"
 R = 12,252.79'
 T = 127.92'
 L = 255.82'
 E = 0.67'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA. = 1388+27.80
 P.T. STA. = 1390+83.62



MATCHLINE STA. 393 + 79.9

MATCHLINE STA. 65 + 86.6



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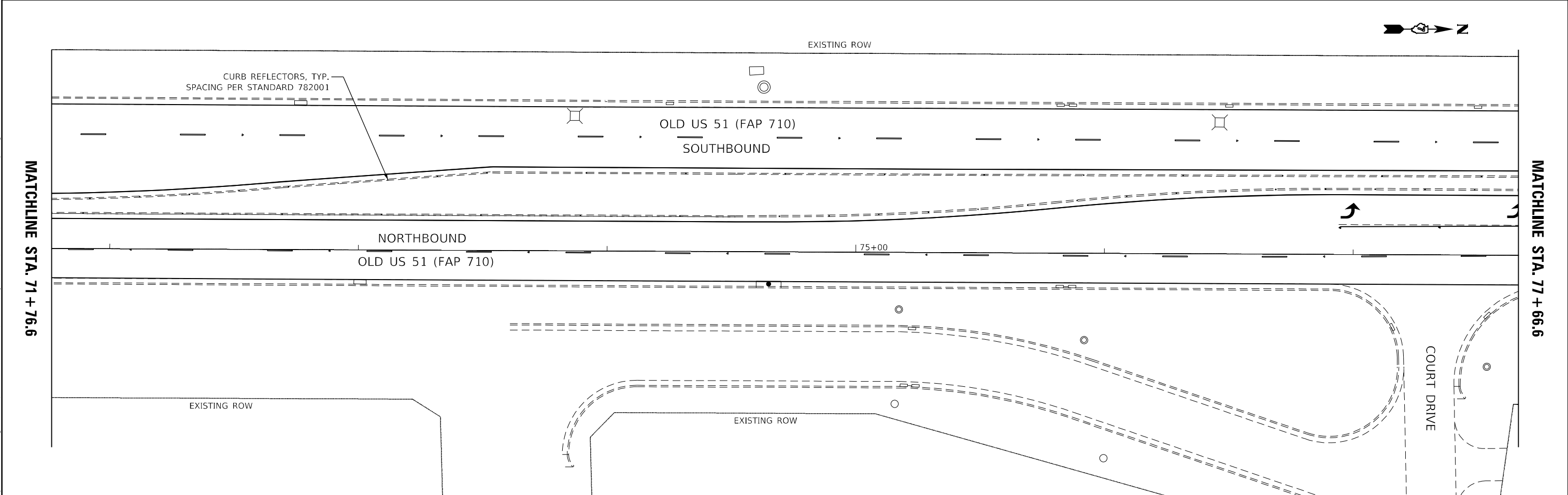
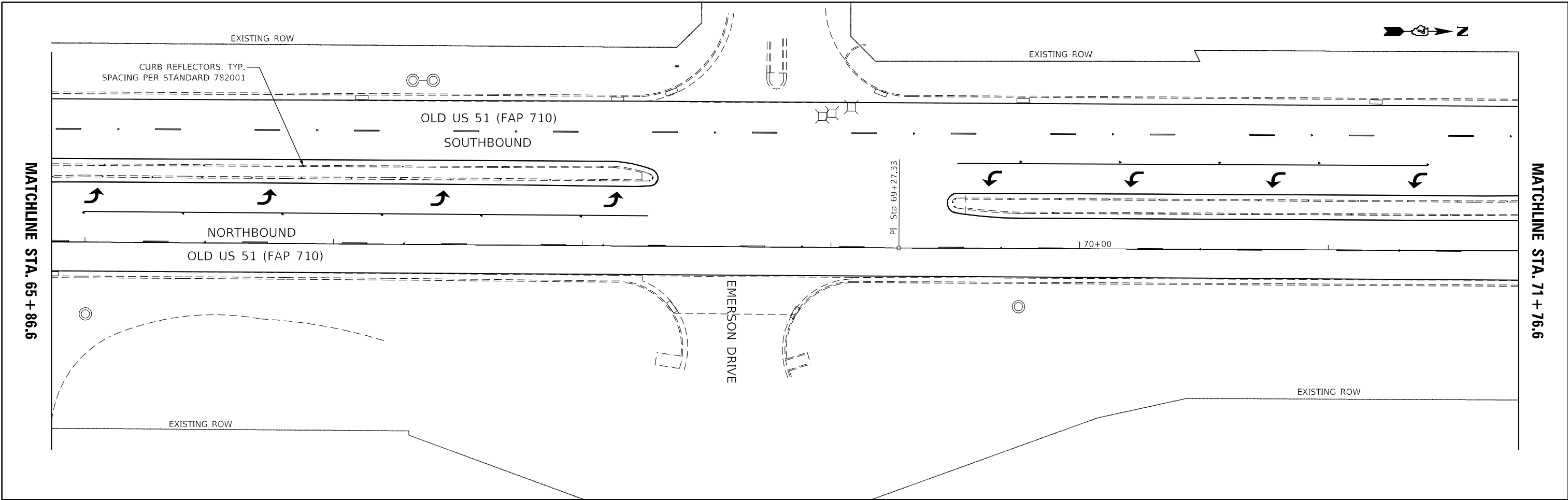
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 40,0000 ' / in. SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	25
CONTRACT NO. 74637				

(48Z 2&3, 50Z 2&3, 50R)RS-3



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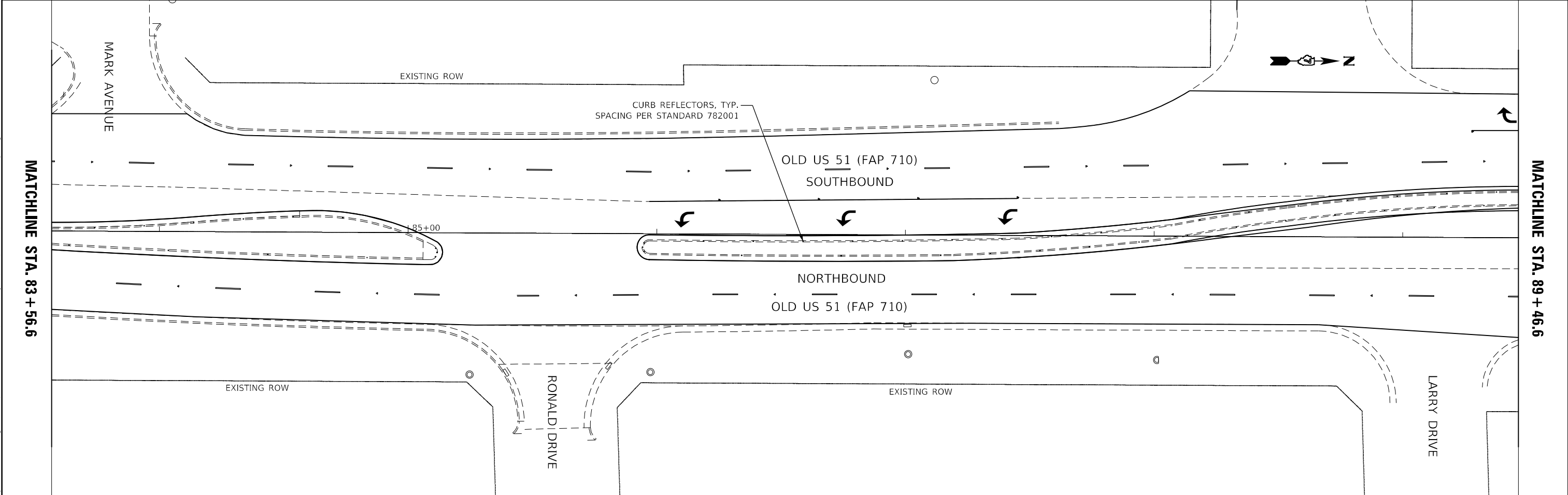
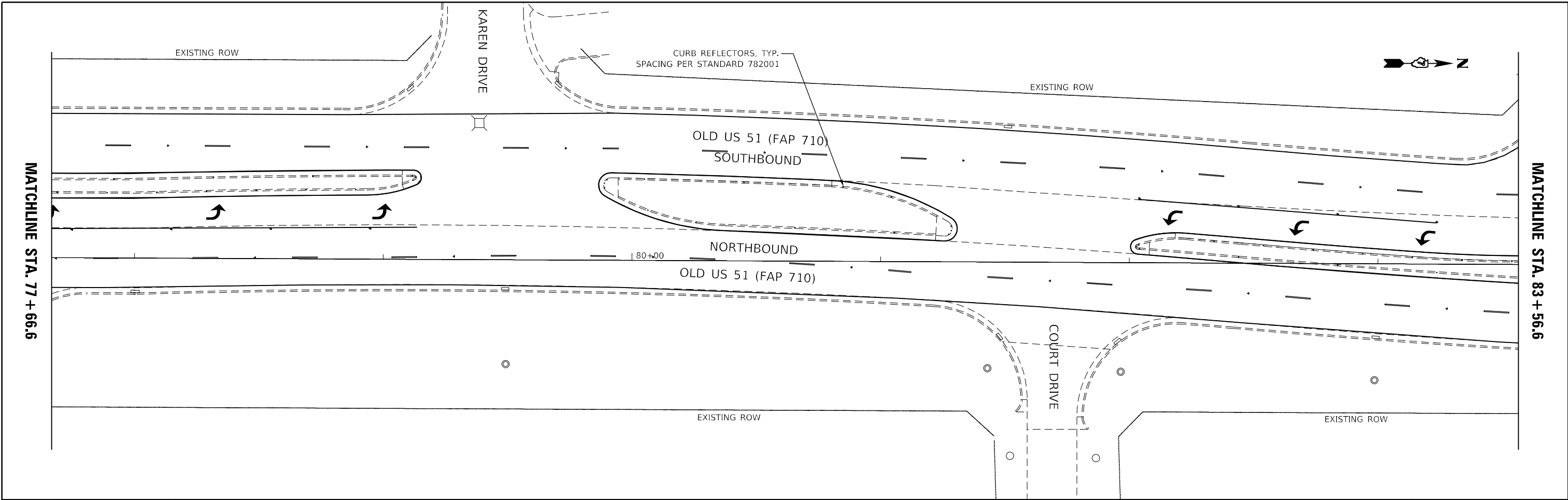
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PLOT DATE = 5/14/2021	DATE - 5/14/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET			
SCALE: 40,0000 ' / in.	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 26
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

*(48Z 2&3, 50Z 2&3, 50R)RS-3



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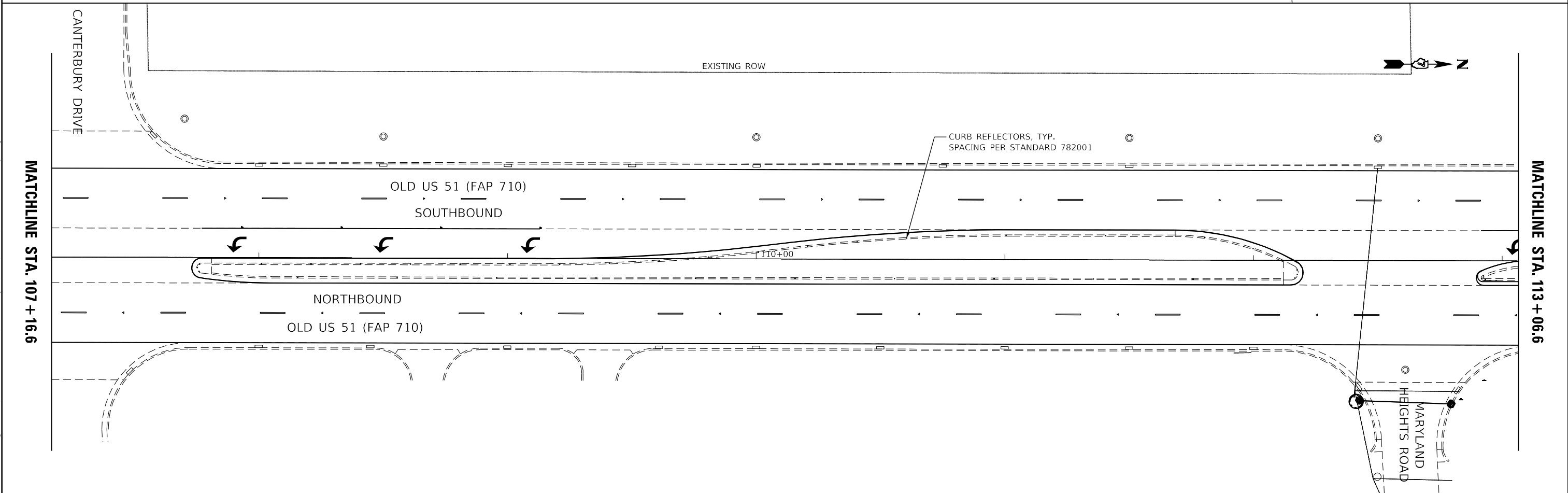
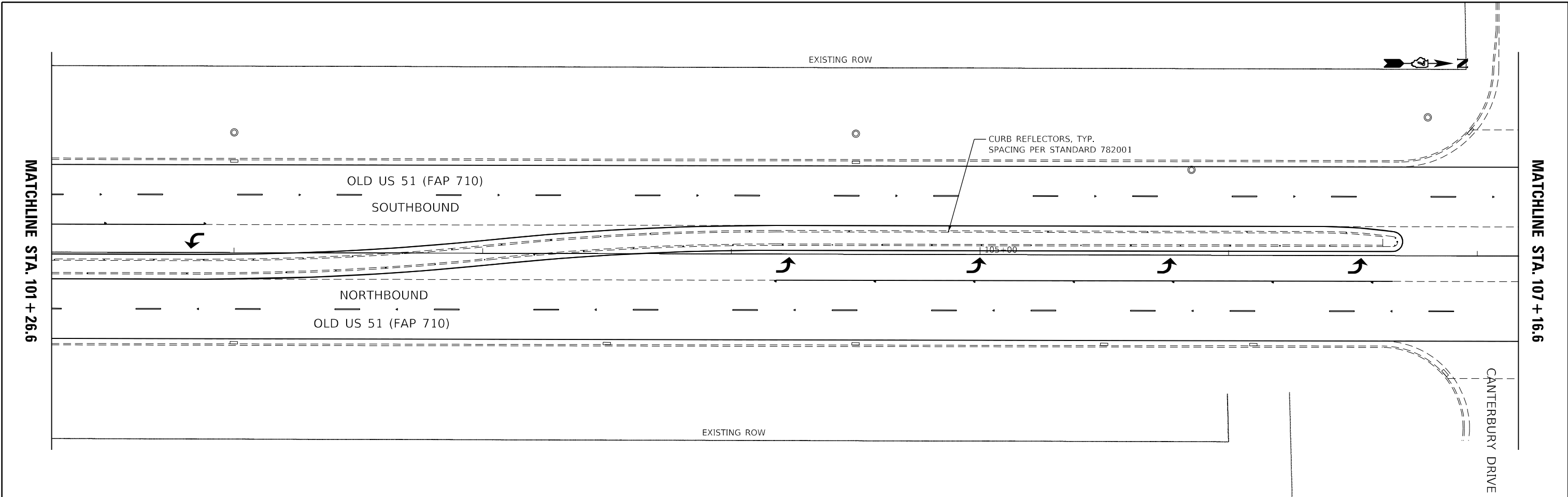
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
SCALE: 40,0000 ' / in.	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 27
CONTRACT NO. 74637			ILLINOIS FED. AID PROJECT	

*(48Z 2&3, 50Z 2&3, 50R)RS-3



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
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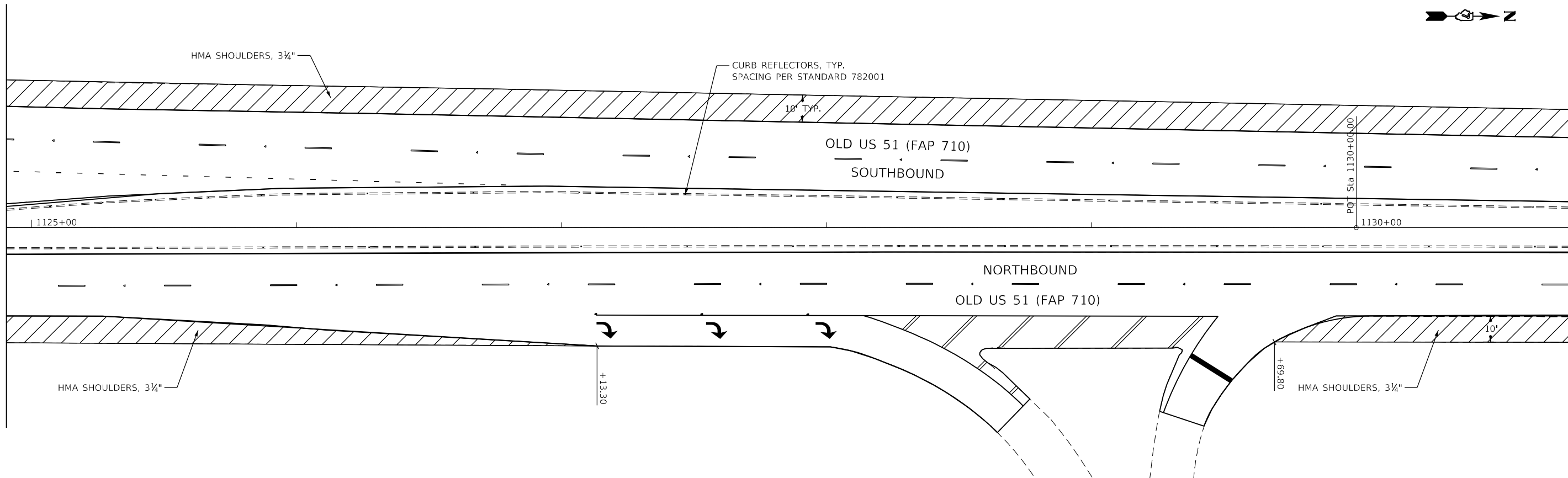
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CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

*(48Z 2&3, 50Z 2&3, 50R)RS-3



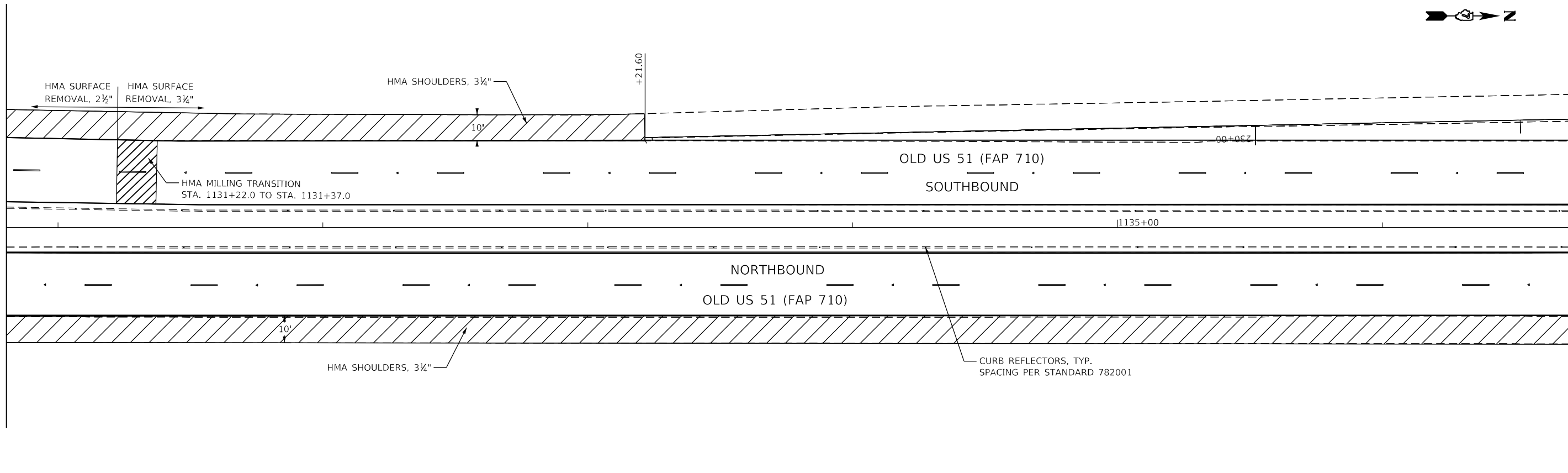
MATCHLINE STA. 1124 + 90.5

MATCHLINE STA. 1130 + 80.5



MATCHLINE STA. 1130 + 80.5

MATCHLINE STA. 1136 + 70.5



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DRAWN - LMH	REVISIONS -	
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PLOT DATE = 5/14/2021	DATE - 5/14/2021	REVISED -

1130+00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET
SCALE: 40,0000 ' / in. SHEET OF SHEETS STA. TO STA.

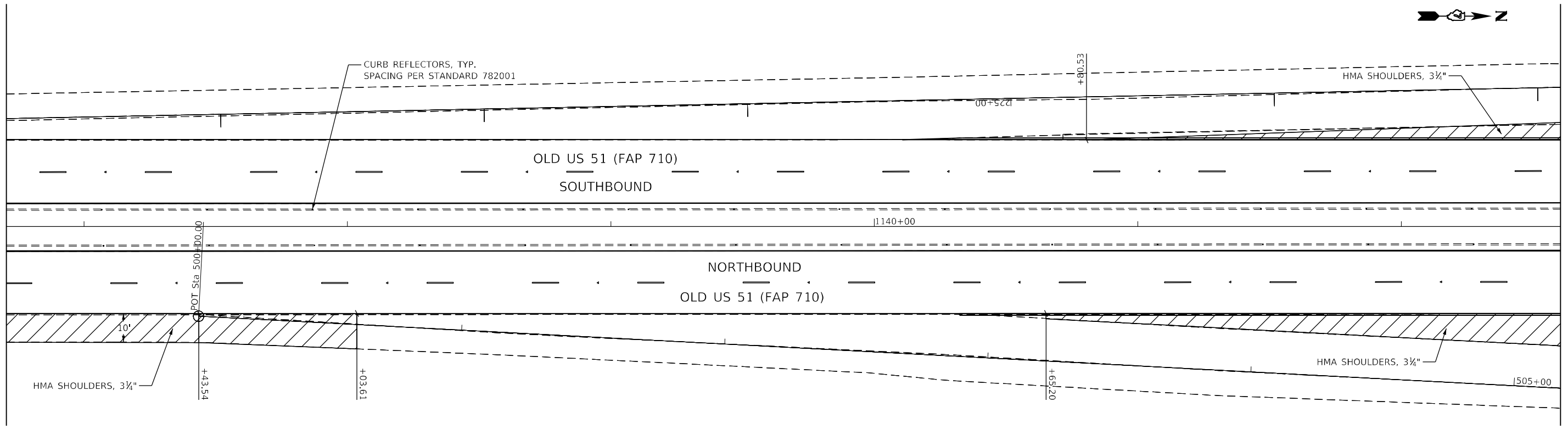
F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 31
CONTRACT NO. 74637			ILLINOIS FED. AID PROJECT	

(48Z 2&3, 50Z 2&3, 50R)RS-3



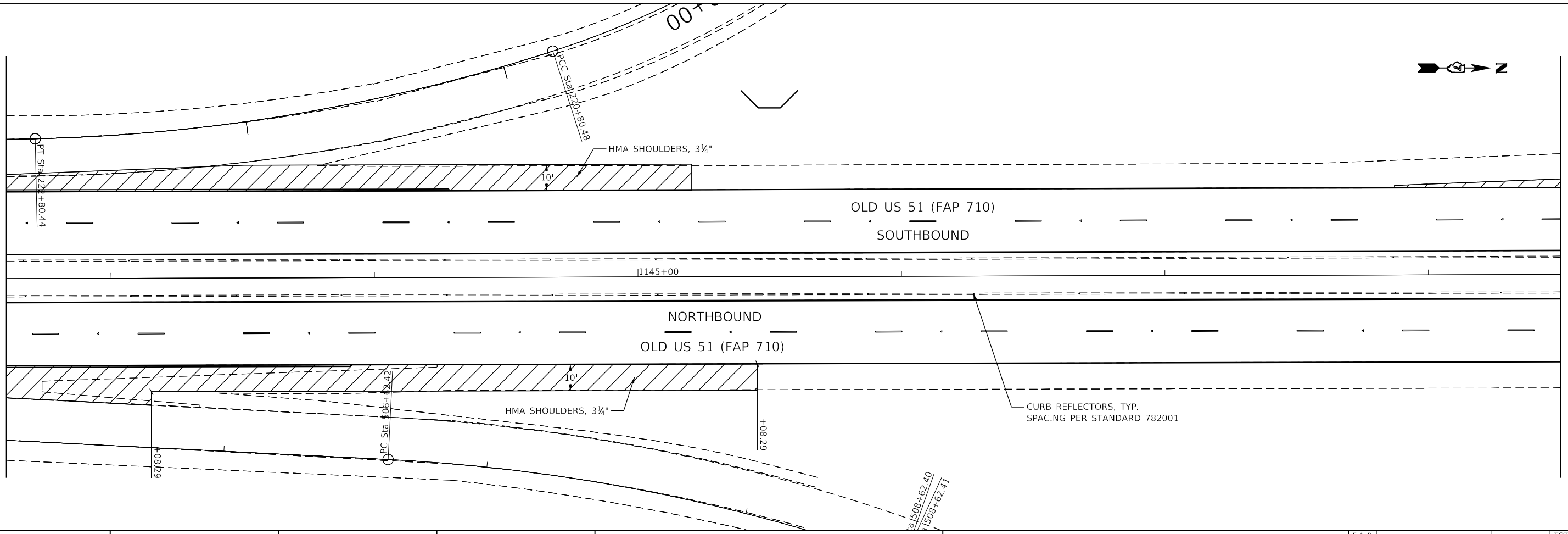
MATCHLINE STA. 1136 + 70.5

MATCHLINE STA. 1142 + 60.2



MATCHLINE STA. 1142 + 60.2

MATCHLINE STA. 1148 + 50.5



MODEL: Default
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

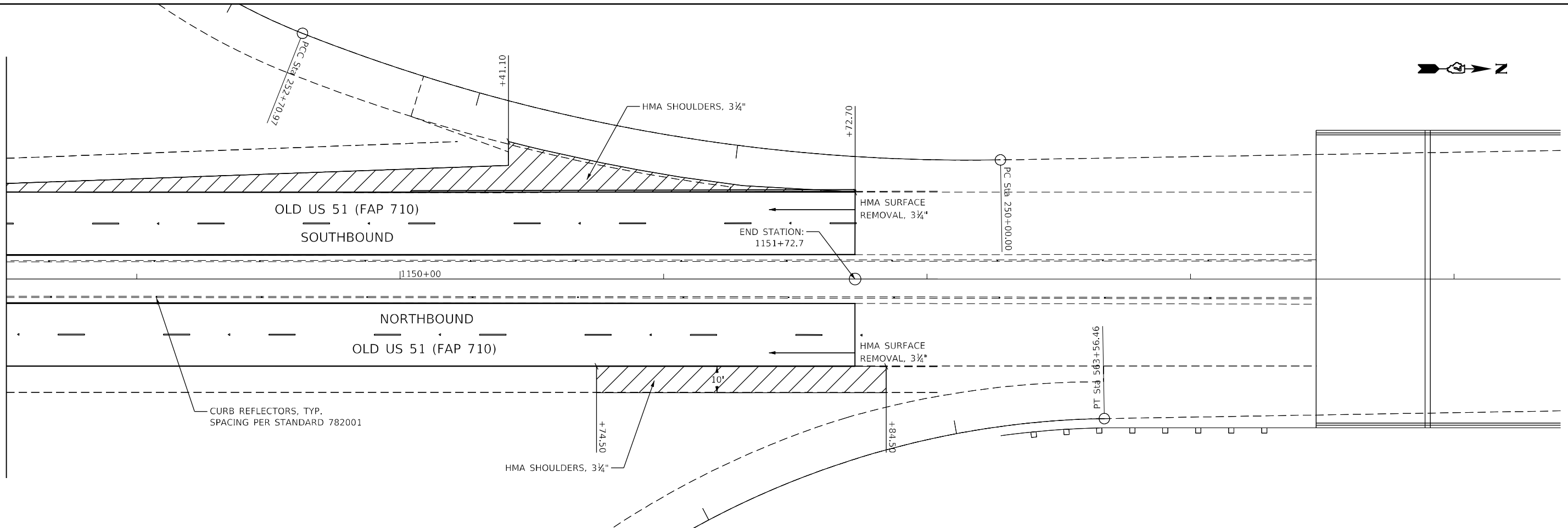
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	32
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

*(48Z 2&3, 50Z 2&3, 50R)RS-3



MATCHLINE STA. 1148 + 50.5



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USER NAME = steffnmk	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 5/14/2021	DATE - 5/14/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET

SCALE: 40,0000 ' / in. SHEET OF SHEETS STA. TO STA.

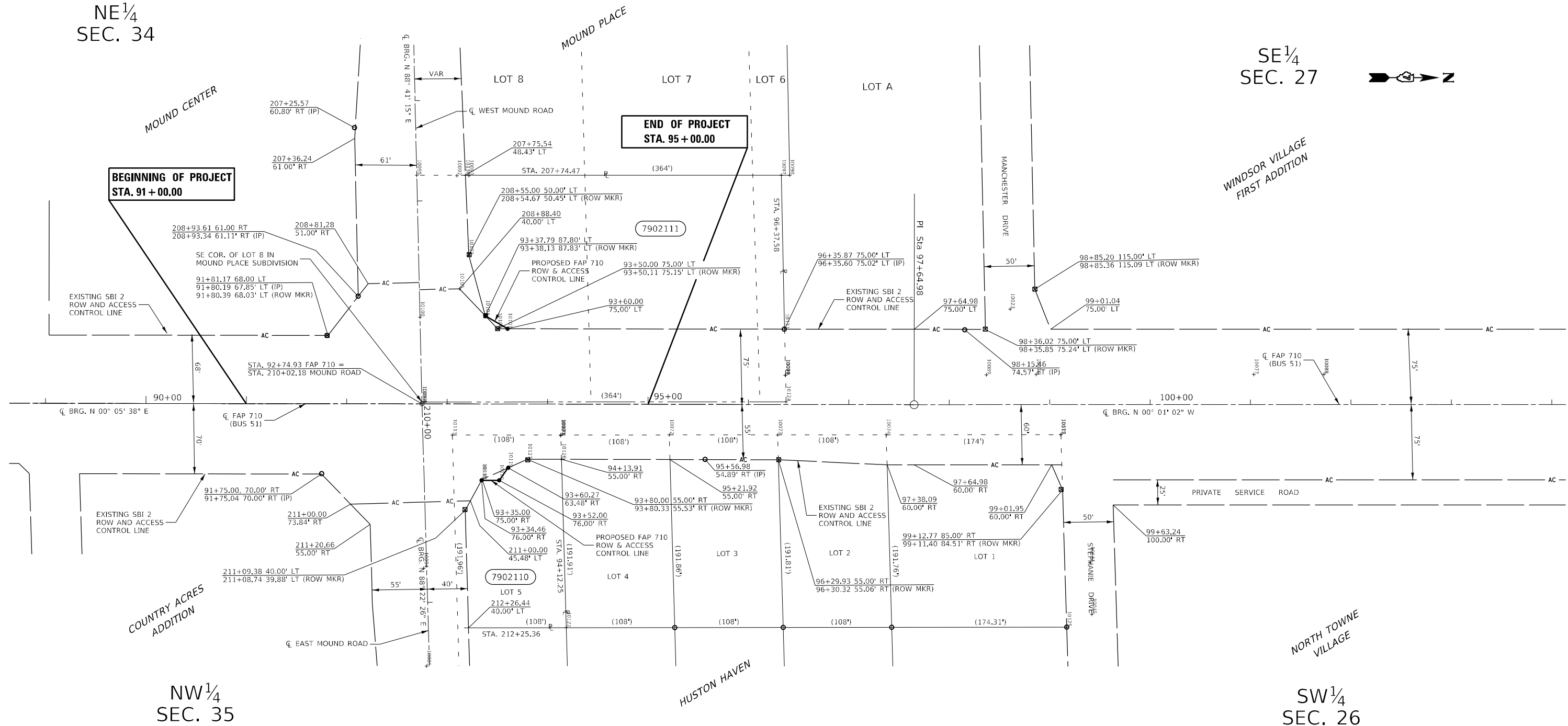
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74637	

(48Z 2&3, 50Z 2&3, 50R)RS-3

T.17N.-R.2E., 3rd P.M., HICKORY POINT TWP.

NE 1/4
SEC. 34

SE 1/4
SEC. 27



**BEGINNING OF PROJECT
STA. 91+00.00**

**END OF PROJECT
STA. 95+00.00**

7902111

7902110

- - EXISTING IRON PIN
- ⊗ - SET MAG NAIL
- - SET IRON PIN
- ⊠ - EXISTING R.O.W. MARKER
- (R) RECORDED DISTANCE

NOTE:
BEARINGS ARE REFERENCED TO THE
ILLINOIS STATE PLANE COORDINATE
SYSTEM EAST ZONE DATUM OF 1983(11)
TEMPORARY EASEMENTS NEEDED FOR A
WORK AREA

PARCEL	OWNER	AREA TAKEN		EASEMENT	REM. AREA	INST	RECORDED			EXCESS	
		ADD	EXIST				MICRO FILM NO.	DATE	BOOK	PAGE	AREA
7902110	MICHAEL J. AND VICKI L. ANDERSON	119 SQ. FT.	0 SQ. FT.		15128 SQ. FT.						
7902111	ILLINOIS BELL TELEPHONE COMPANY	64 SQ. FT.	0 SQ. FT.		47185 SQ. FT.						

MODEL: Default
FILE NAME: p:\mtd\mtdroom.dwg
PROJECT: 74637\CADD\DATA\CADD\Drawings\DOT - Offices\Drawings\74637\SEC ROW.dwg

USER NAME = stefnkm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIGHT OF WAY PLANS				F.A.P. RTE. = 710	SECTION = *	COUNTY = MACON	TOTAL SHEETS = 84	SHEET NO. = 34
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		PROJECT =	JOB NO. = R-97-002-19	CONTRACT NO. = 74637						
PLOT DATE = 5/14/2021	DATE = 5/14/2021	REVISED -		SCALE: 100,0000' / in SHEET OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						

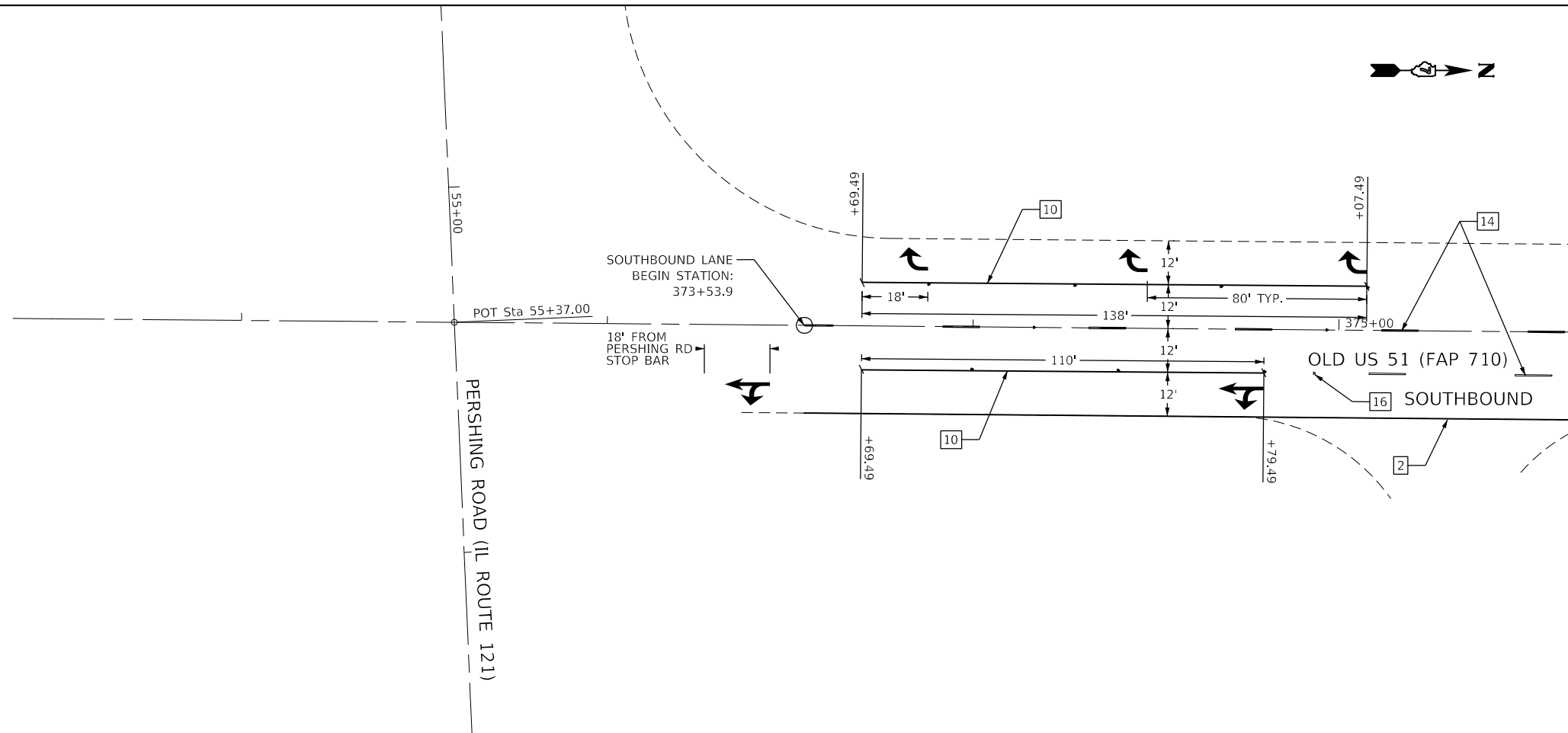
PAVEMENT MARKING LEGEND

- 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 8" (100) SOLID YELLOW
- 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
- 14 6" (150) PREFORMED PLASTIC, TYPE D
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE)

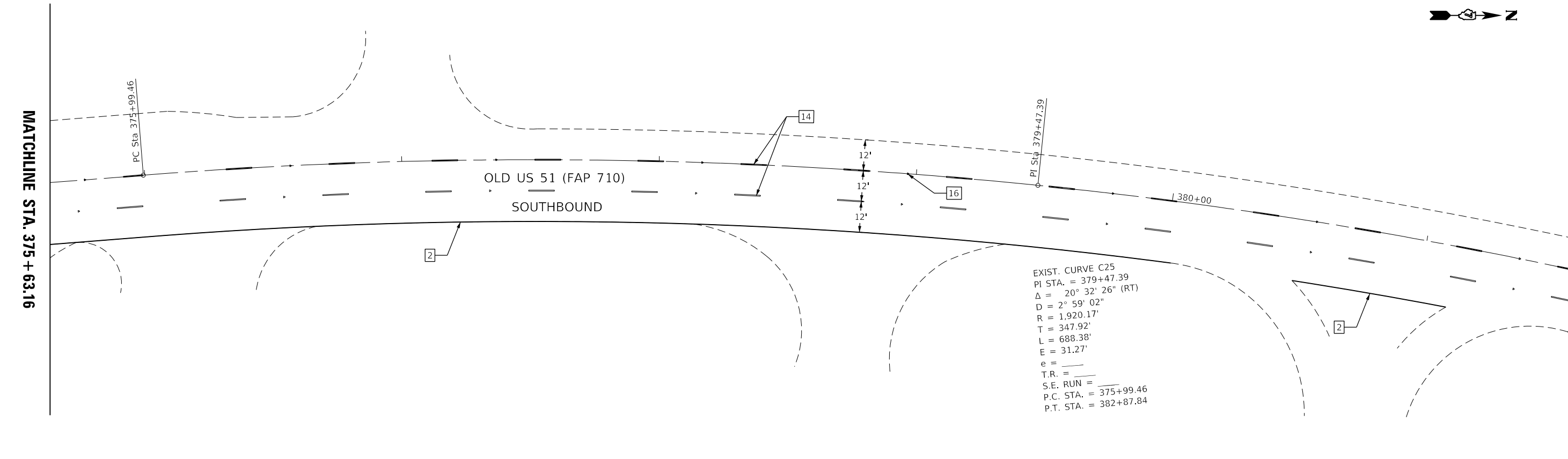
NOT TO SCALE

TYPICAL PAVEMENT MARKERS LEGEND

- 16 ONE-WAY CRYSTAL MARKER



MATCHLINE STA. 375 + 63.16



MATCHLINE STA. 375 + 63.16

MATCHLINE STA. 381 + 56.42

EXIST. CURVE C25
 PI STA. = 379+47.39
 $\Delta = 20^\circ 32' 26"$ (RT)
 $D = 2^\circ 59' 02"$
 $R = 1,920.17'$
 $T = 347.92'$
 $L = 688.38'$
 $E = 31.27'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 375+99.46$
 $P.T. STA. = 382+87.84$

MODEL NUMBER: MAM165
 FILE NAME: 071615

USER NAME = SUSERS	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE - \$DATES	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	35
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

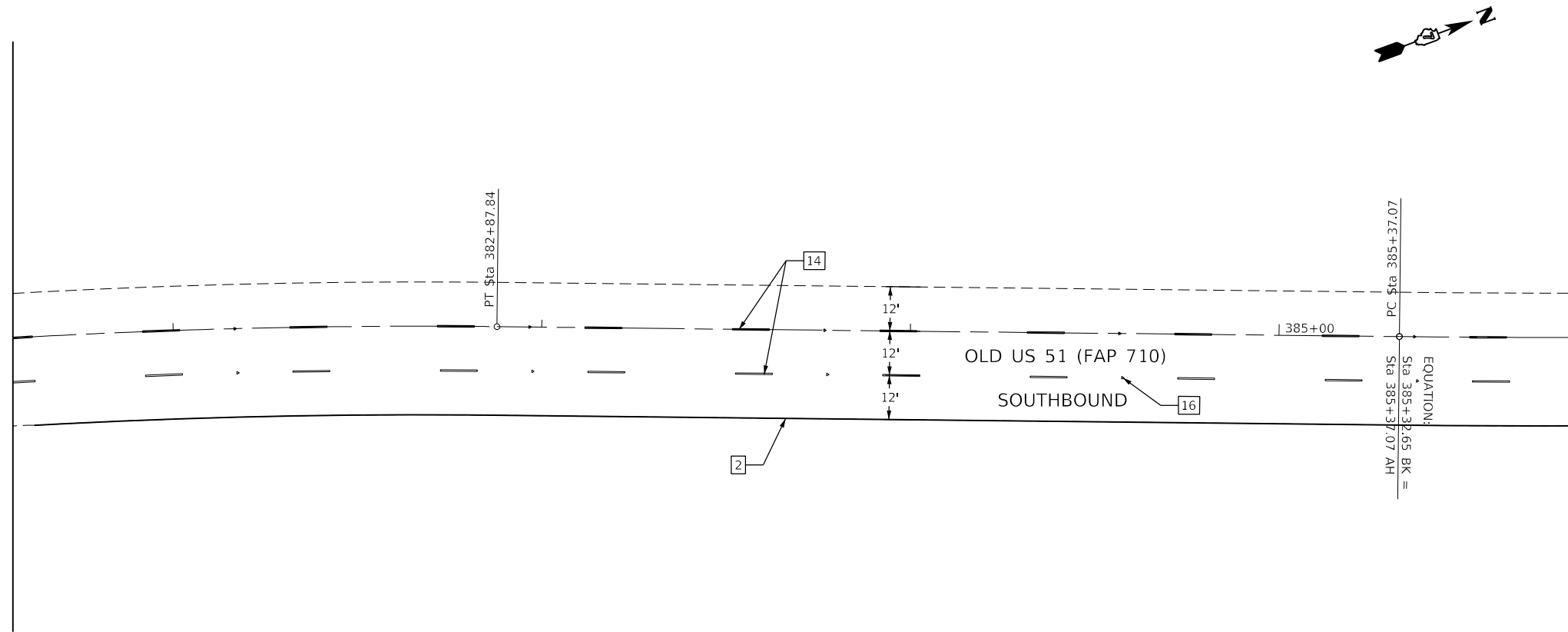
PAVEMENT MARKING LEGEND

- 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 8" (100) SOLID YELLOW
- 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
- 14 6" (150) PREFORMED PLASTIC, TYPE D
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

- 16 ONE-WAY CRYSTAL MARKER ▷

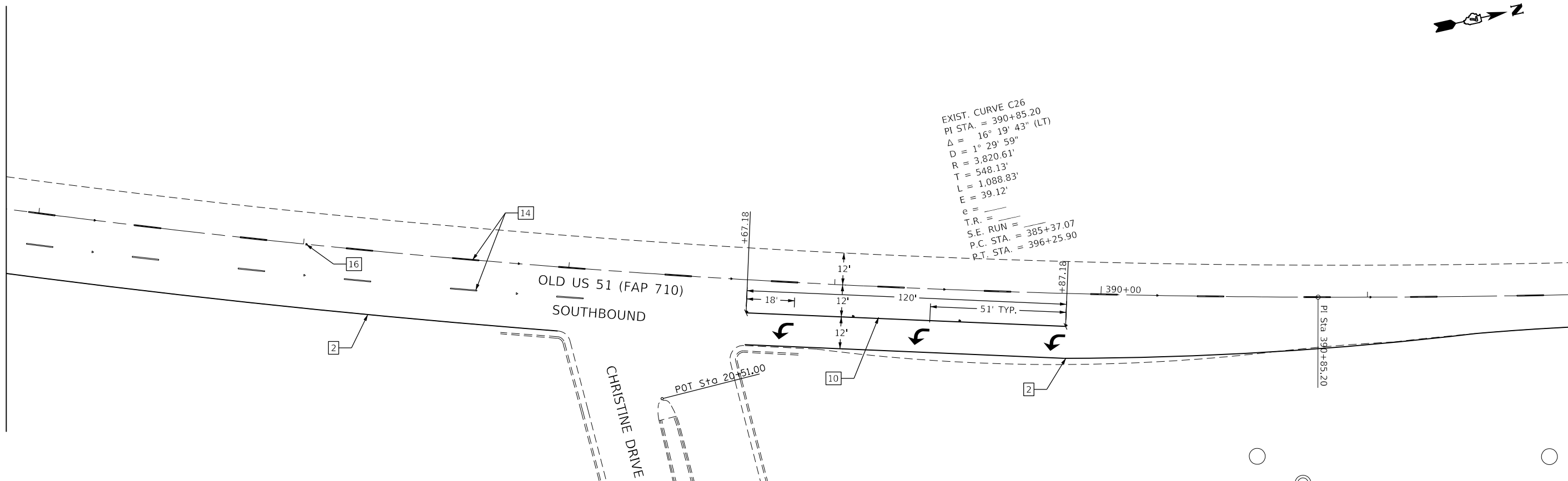
MATCHLINE STA. 381 + 56.42



MATCHLINE STA. 385 + 82.24

EXIST. CURVE C26
 PI STA. = 390+85.20
 $\Delta = 16^\circ 19' 43"$ (LT)
 $D = 1^\circ 29' 59"$
 $R = 3,820.61'$
 $T = 548.13'$
 $L = 1,088.83'$
 $E = 39.12'$
 $e =$
 $T.R. =$
 $S.E. RUN = 385+37.07$
 $P.C. STA. = 396+25.90$
 $P.T. STA. =$

MATCHLINE STA. 385 + 82.24



MATCHLINE STA. 391 + 79.15

MODEL NUMBER: MAM15
FILE NAME: 011515

USER NAME = \$USERS	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE - \$DATES	REVISED -

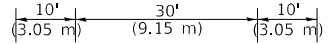
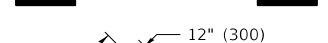



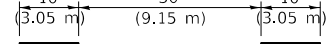





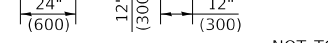

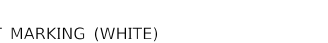

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	36
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

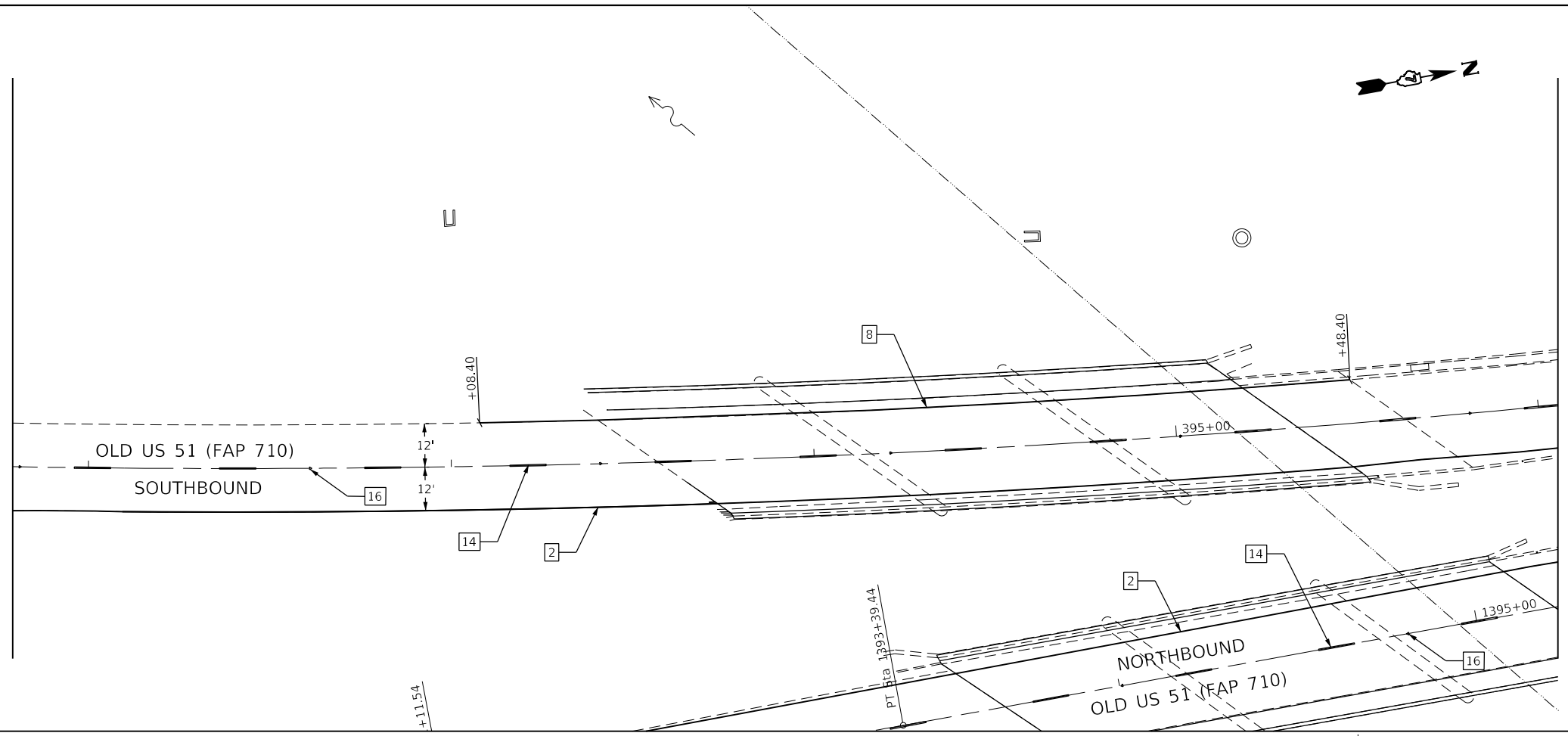
- 1 4" (100) SKIP-DASH (YELLOW) 
- 2 4" (100) SOLID (YELLOW) 
- 3 12" (300) DIAGONAL (YELLOW) 
- 4 4" (100) DOUBLE YELLOW (NARROW) 
- 5 12" (300) SOLID WHITE 
- 6 8" (100) SOLID YELLOW 
- 7 6" (150) SKIP-DASH (WHITE) 
- 8 4" (100) SOLID (WHITE) 
- 9 12" (300) DIAGONAL (WHITE) 
- 10 6" (150) SOLID (WHITE) 
- 11 24" (600) STOP BAR (WHITE) 
- 12 8" (200) SOLID (WHITE) 
- 13 4" (100) PARKING WHITE 
- 14 6" (150) PREFORMED PLASTIC, TYPE D 
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE) 

TYPICAL PAVEMENT MARKERS LEGEND

- 16 ONE-WAY CRYSTAL MARKER 

NOT TO SCALE

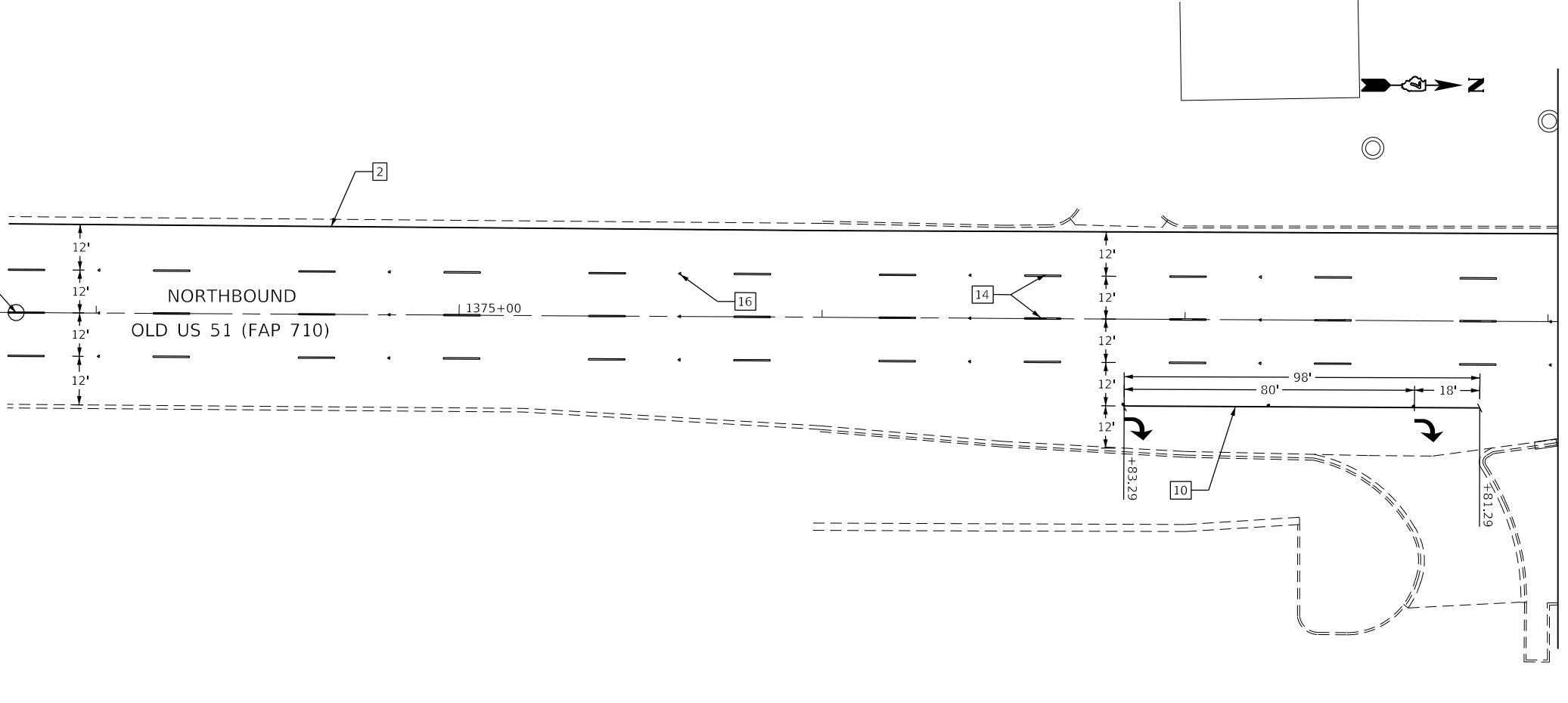
MATCHLINE STA. 391 + 79.15



MATCHLINE STA. 396 + 05.42

PI Sta 1372+74.54
00+00

NORHTBOUND LANE
BEGIN STATION:
STA. 1373+78.0



MATCHLINE STA. 1378 + 02.71

MODEL NUMBER: MAMTMS
FILE NAME: 811E15

USER NAME = SUSERS	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = \$SCALES	DATE - \$DATES	REVISED -
PLOT DATE = \$DATES		

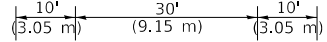




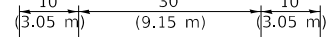


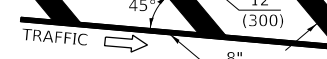


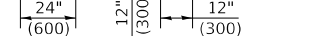


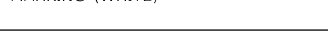
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL


SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	37
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

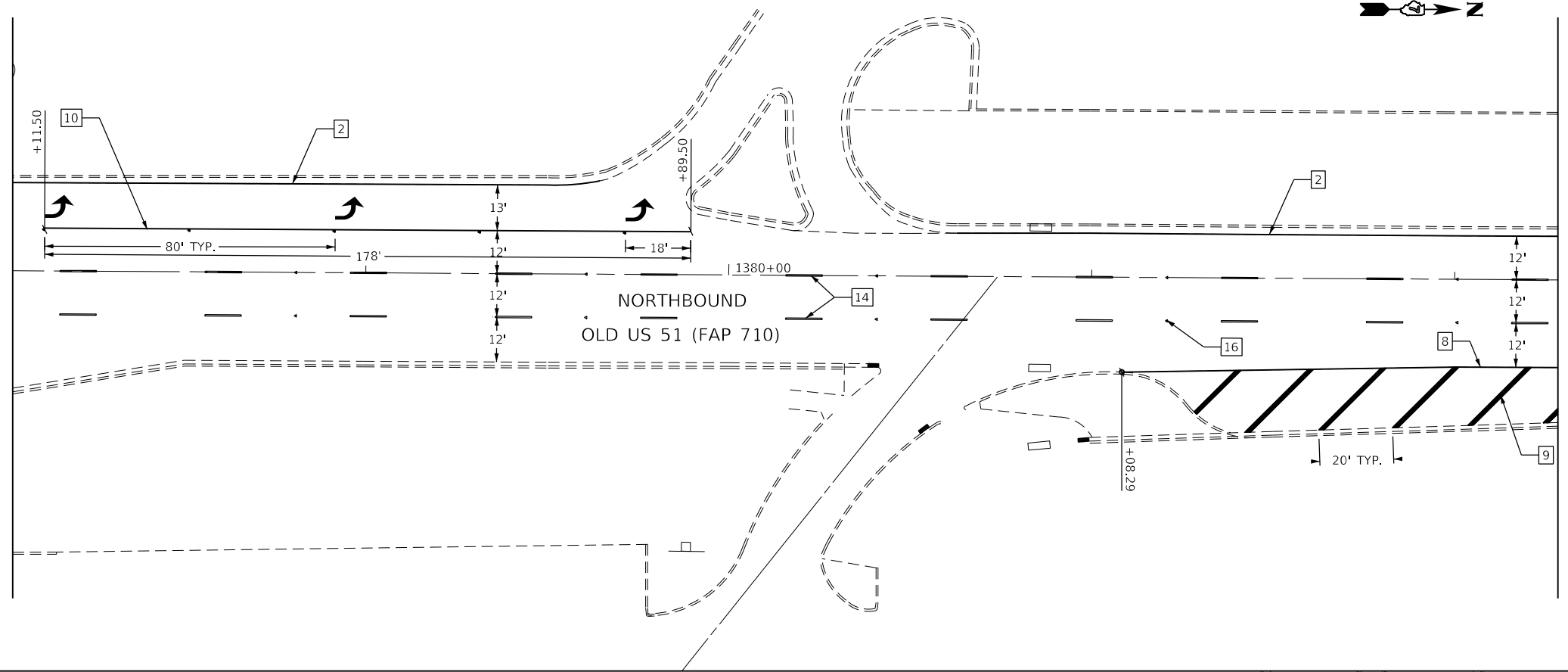
- 1 4" (100) SKIP-DASH (YELLOW) 
- 2 4" (100) SOLID (YELLOW) 
- 3 12" (300) DIAGONAL (YELLOW) 
- 4 4" (100) DOUBLE YELLOW (NARROW) 
- 5 12" (300) SOLID WHITE 
- 6 8" (100) SOLID YELLOW 
- 7 6" (150) SKIP-DASH (WHITE) 
- 8 4" (100) SOLID (WHITE) 
- 9 12" (300) DIAGONAL (WHITE) 
- 10 6" (150) SOLID (WHITE) 
- 11 24" (600) STOP BAR (WHITE) 
- 12 8" (200) SOLID (WHITE) 
- 13 4" (100) PARKING WHITE 
- 14 6" (150) PREFORMED PLASTIC, TYPE D 
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE) 

TYPICAL PAVEMENT MARKERS LEGEND

- 16 ONE-WAY CRYSTAL MARKER 

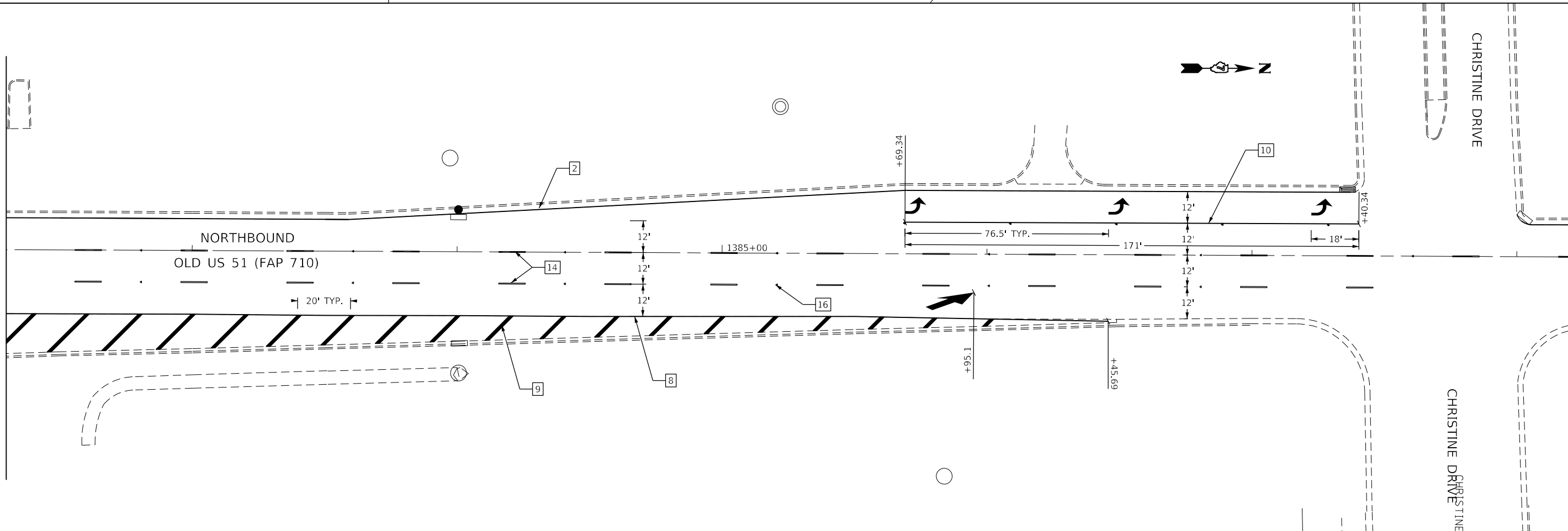
NOT TO SCALE

MATCHLINE STA. 1378 + 02.71



MATCHLINE STA. 1382 + 28.42

MATCHLINE STA. 1382 + 28.42



MATCHLINE STA. 1388 + 19.84

MODEL NUMBER: MAMT5
FILE NAME: 811615

USER NAME = SUSERS	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = \$SCALES	DATE - \$DATES	REVISED -

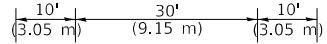
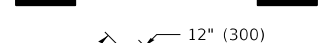



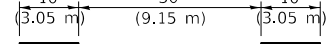





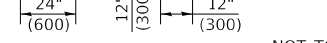

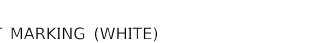

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

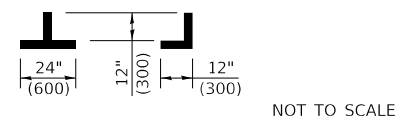
PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	38
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

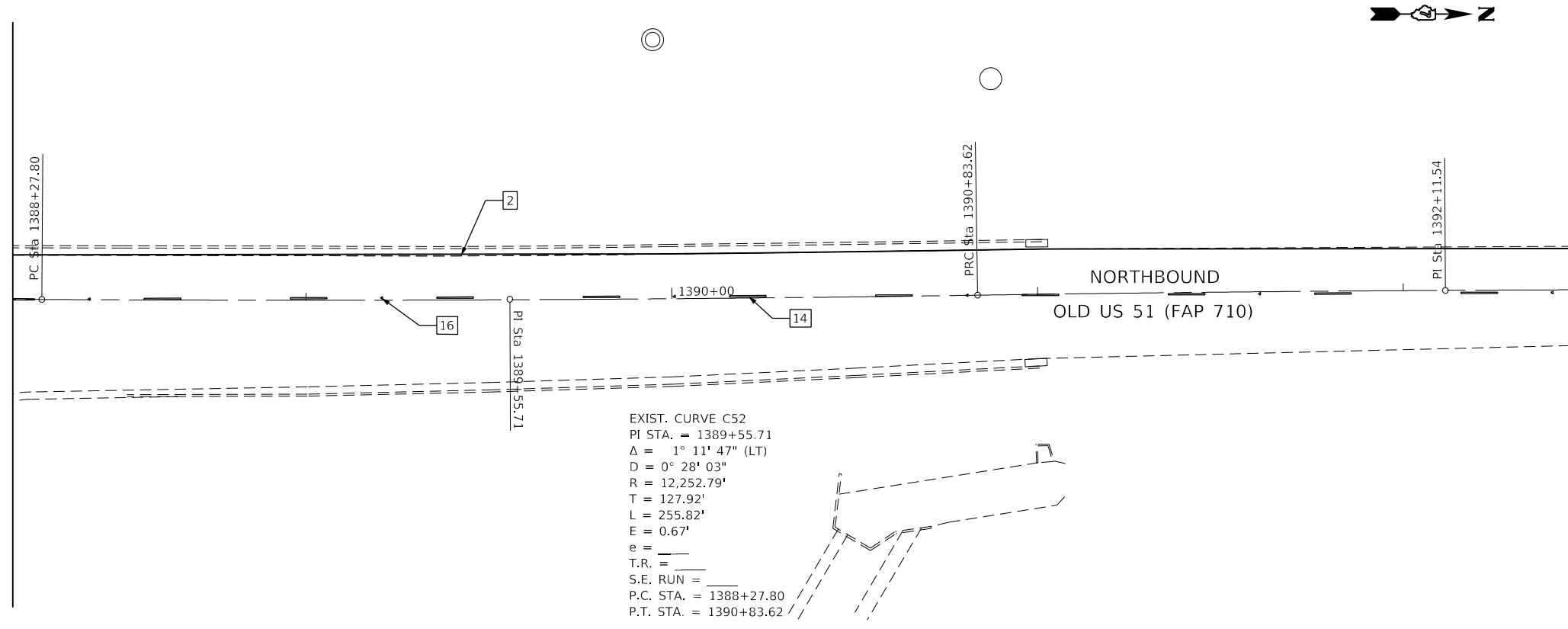
- 1 4" (100) SKIP-DASH (YELLOW) 
- 2 4" (100) SOLID (YELLOW) 
- 3 12" (300) DIAGONAL (YELLOW) 
- 4 4" (100) DOUBLE YELLOW (NARROW) 
- 5 12" (300) SOLID WHITE 
- 6 8" (100) SOLID YELLOW 
- 7 6" (150) SKIP-DASH (WHITE) 
- 8 4" (100) SOLID (WHITE) 
- 9 12" (300) DIAGONAL (WHITE) 
- 10 6" (150) SOLID (WHITE) 
- 11 24" (600) STOP BAR (WHITE) 
- 12 8" (200) SOLID (WHITE) 
- 13 4" (100) PARKING WHITE 
- 14 6" (150) PREFORMED PLASTIC, TYPE D 
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE) 



TYPICAL PAVEMENT MARKERS LEGEND

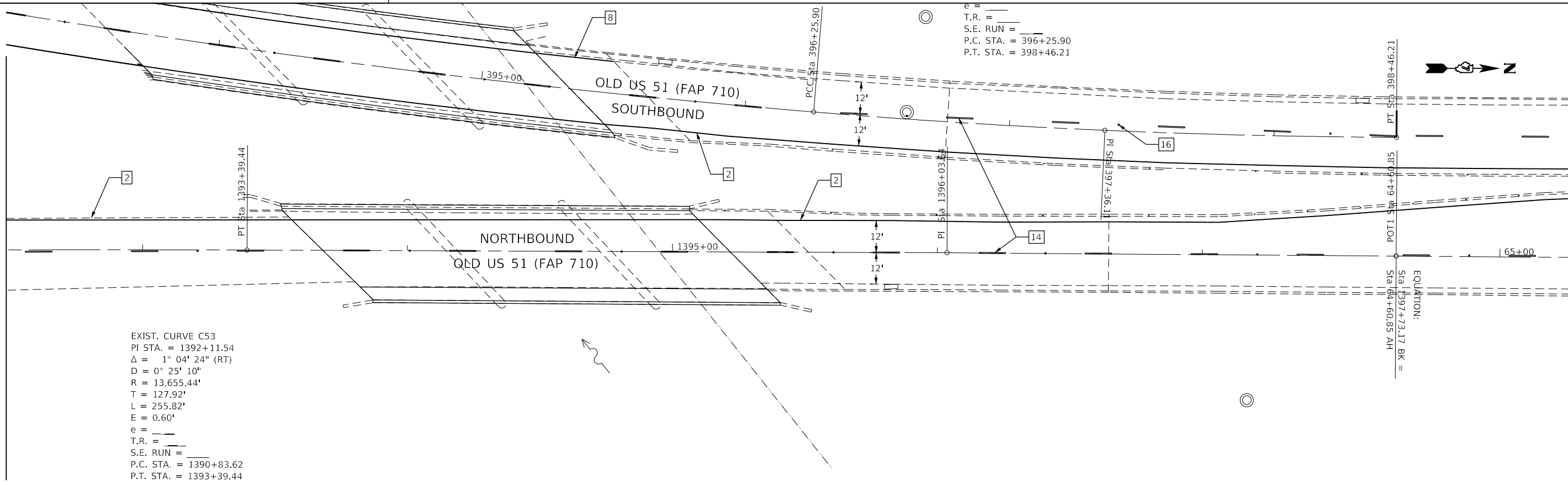
- 16 ONE-WAY CRYSTAL MARKER ▷

MATCHLINE STA. 1388 + 19.84



MATCHLINE STA. 1392 + 45.55

MATCHLINE STA. 1392 + 45.55



MATCHLINE STA. 65 + 26.23

MODEL NUMBER: MAMTMS
FILE NAME: 811EUS

USER NAME = SUSERS	DESIGNED - LMH	REVISED -
PLOT SCALE = \$SCALES	DRAWN - LMH	REVISED -
PLOT DATE = \$DATES	CHECKED -	REVISED -
	DATE - \$DATES	REVISED -

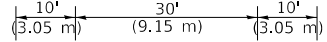




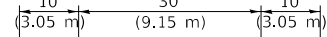


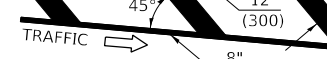


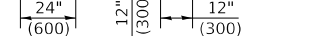


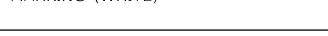
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	39
CONTRACT NO. 74637				
		ILLINOIS	FED. AID PROJECT	

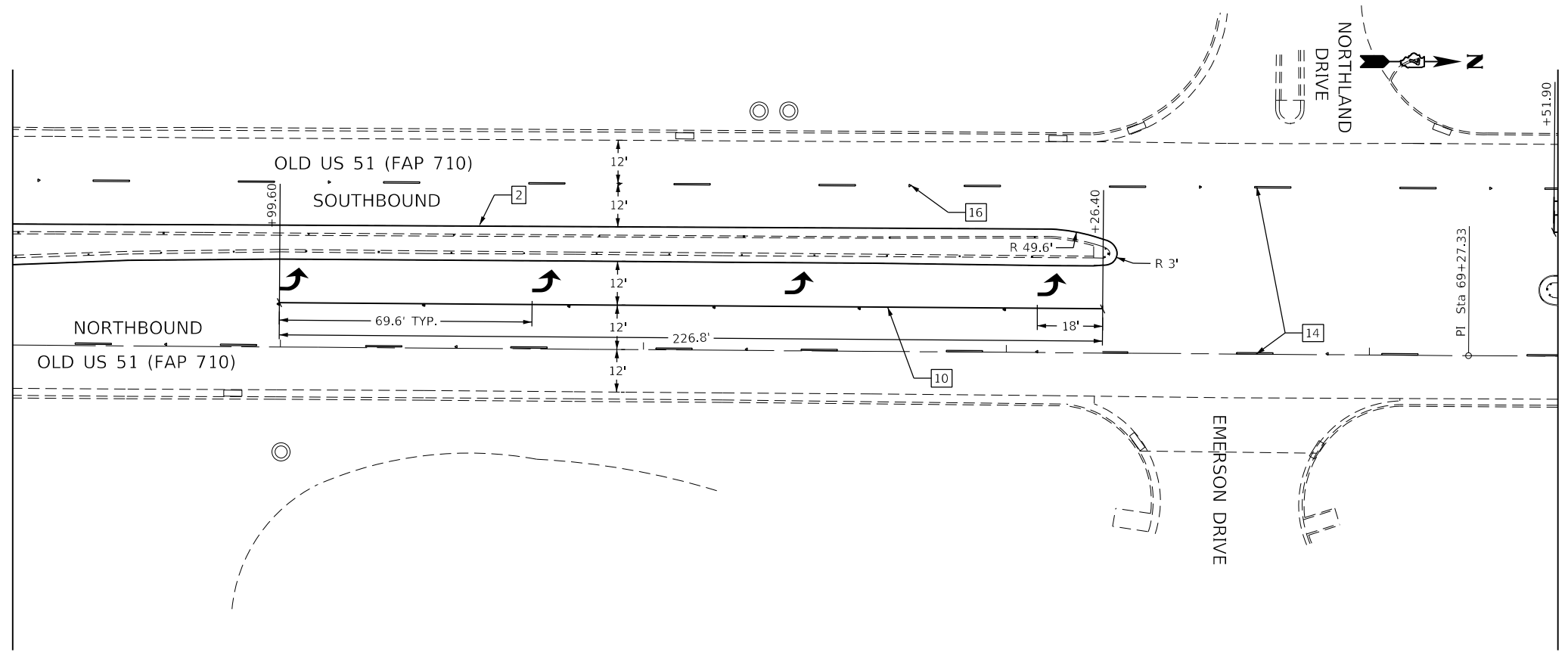
PAVEMENT MARKING LEGEND

- 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 8" (100) SOLID YELLOW 
- 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 
- 14 6" (150) PREFORMED PLASTIC, TYPE D 
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE) 

TYPICAL PAVEMENT MARKERS LEGEND

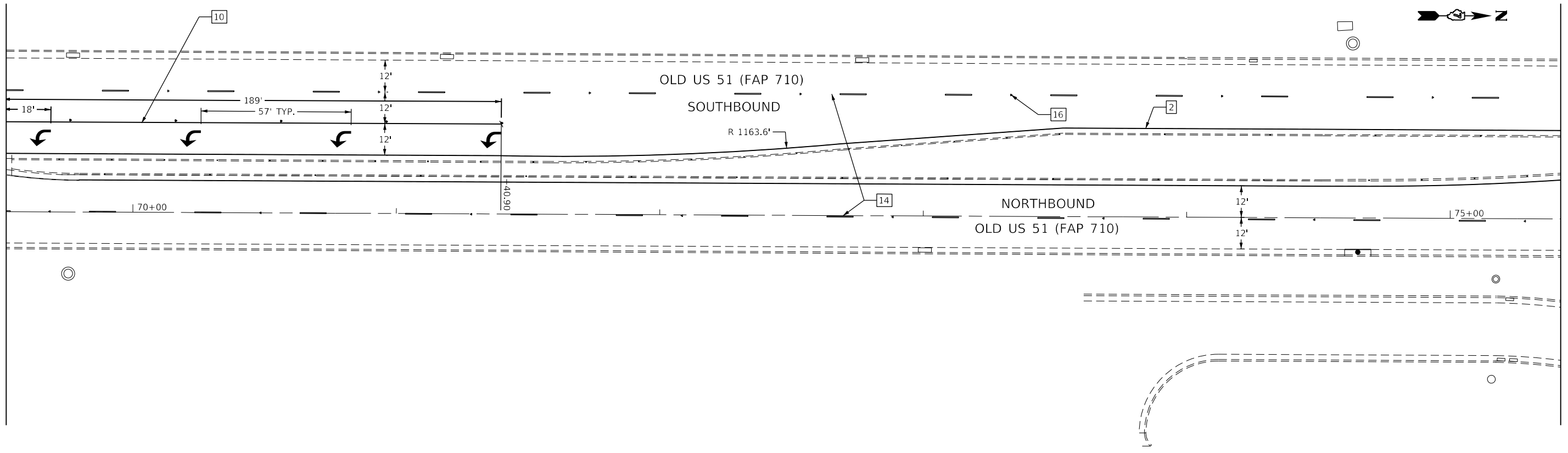
- 16 ONE-WAY CRYSTAL MARKER ▷

MATCHLINE STA. 65 + 26.23



MATCHLINE STA. 69 + 51.94

MATCHLINE STA. 69 + 51.94



MATCHLINE STA. 75 + 41.95

MODEL NUMBER: MAMTMS
FILE NAME: 811EUS

USER NAME = \$USERS	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE - \$DATES	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

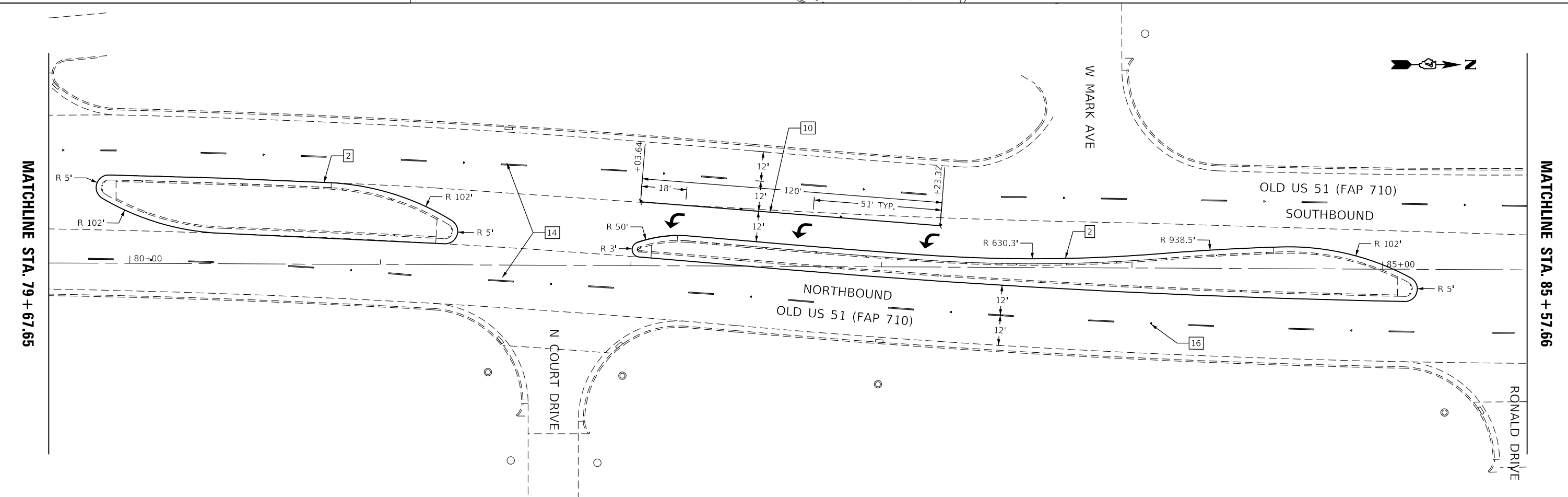
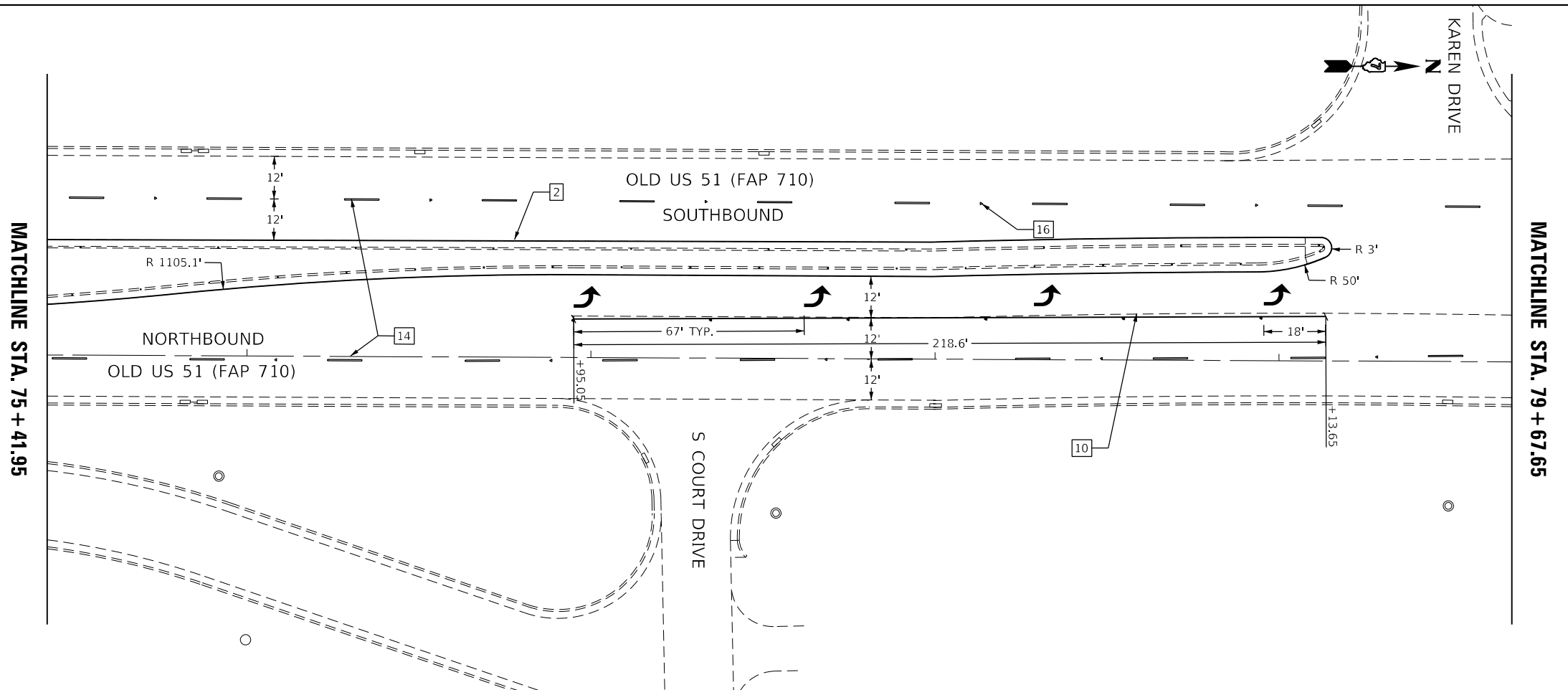
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	40
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

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 8" (100) SOLID YELLOW
- 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
- 14 6" (150) PREFORMED PLASTIC, TYPE D
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

- 16 ONE-WAY CRYSTAL MARKER ▷



MODEL NUMBER: MAMTMS
FILE NAME: 811EUS

USER NAME = \$USERS	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE - \$DATES	REVISED -

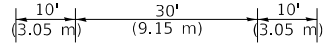
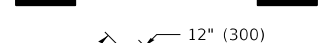



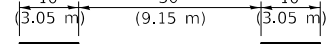





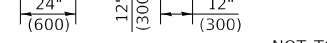

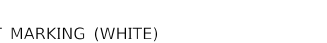

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	41
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

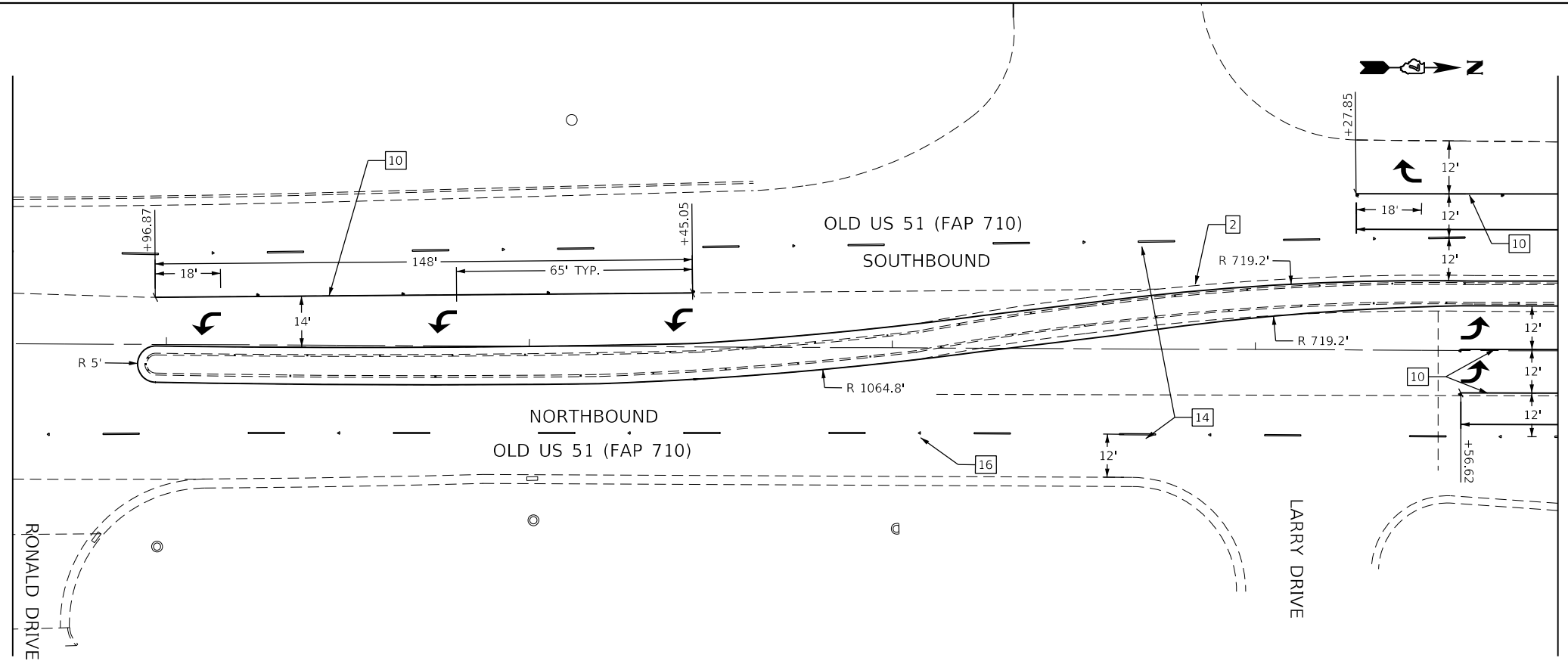
PAVEMENT MARKING LEGEND

- 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 8" (100) SOLID YELLOW 
- 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 
- 14 6" (150) PREFORMED PLASTIC, TYPE D 
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE) 

TYPICAL PAVEMENT MARKERS LEGEND

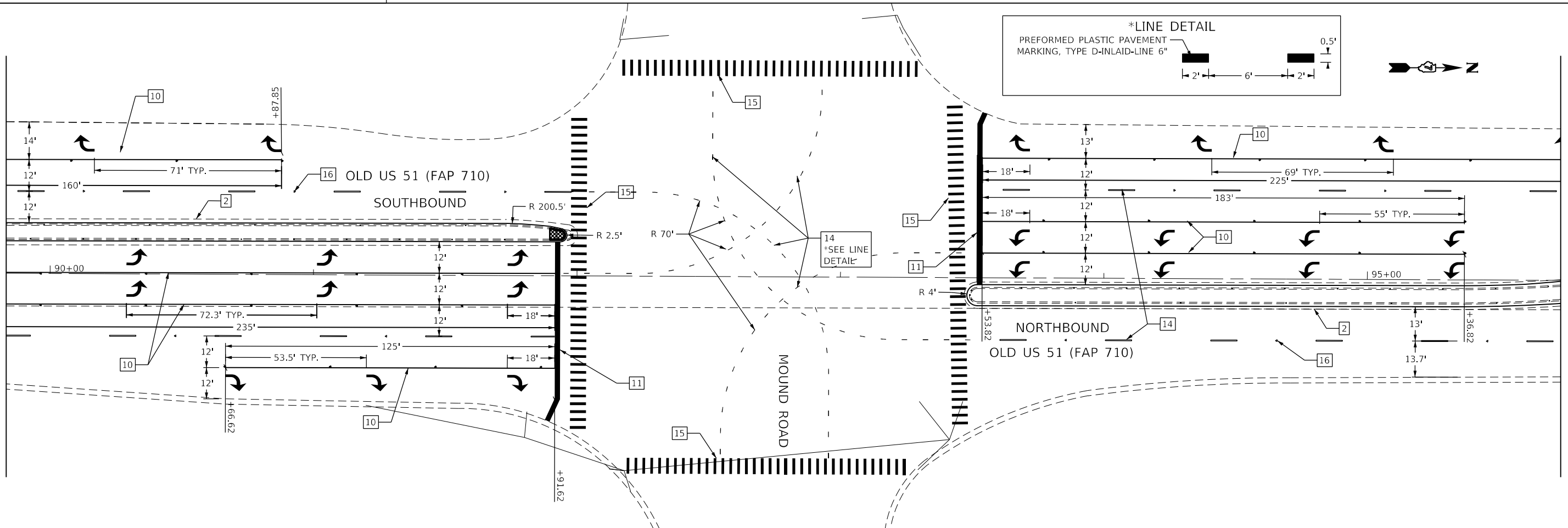
- 16 ONE-WAY CRYSTAL MARKER ▷

MATCHLINE STA. 85 + 57.66



MATCHLINE STA. 89 + 83.36

MATCHLINE STA. 89 + 83.36



MATCHLINE STA. 95 + 73.37

MODEL NUMBER: MAMTMS
FILE NAME: 811EUS

USER NAME = SUSERS	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE - \$DATES	REVISED -

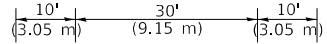




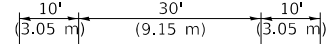





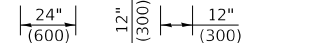


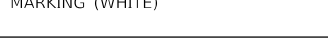
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	42
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

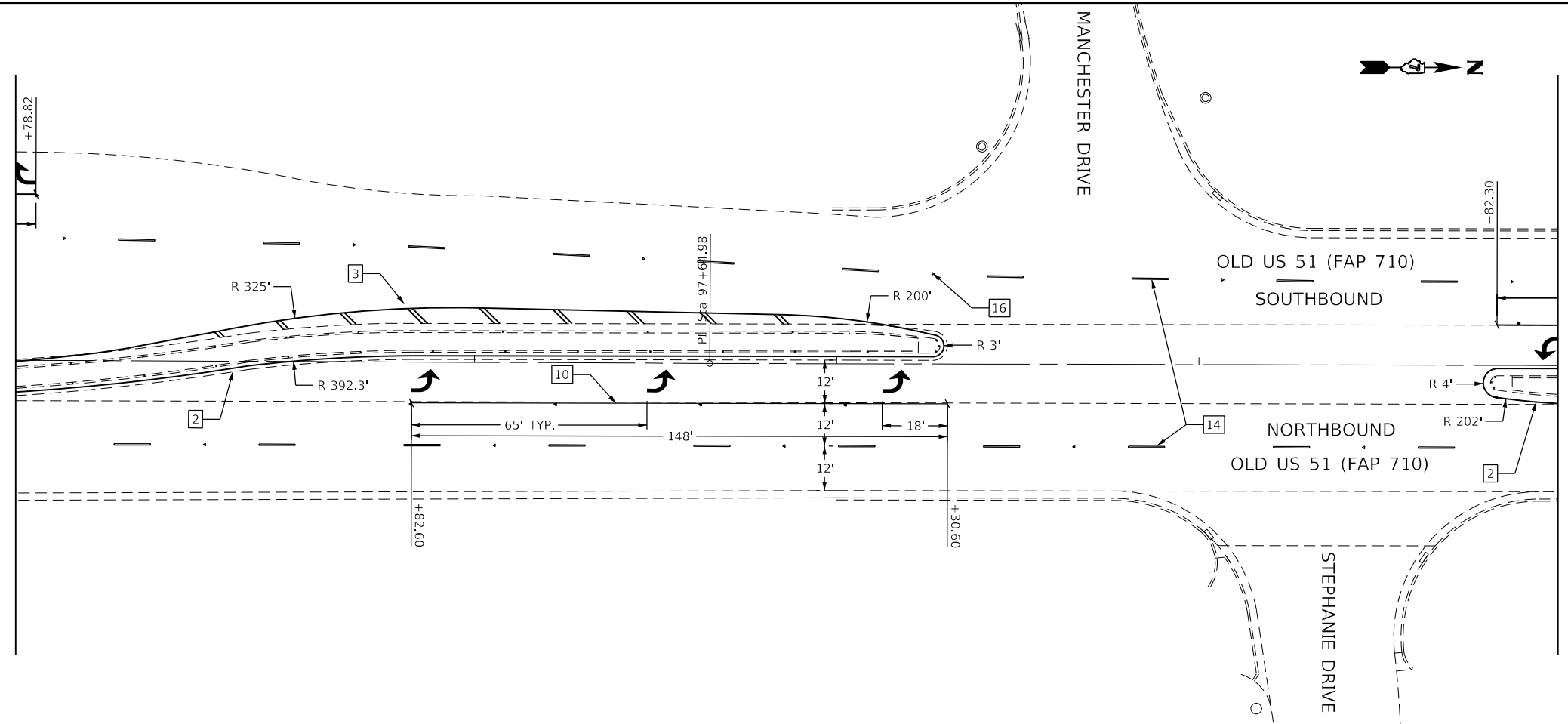
PAVEMENT MARKING LEGEND

- 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 8" (100) SOLID YELLOW 
- 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 
- 14 6" (150) PREFORMED PLASTIC, TYPE D 
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE) 

TYPICAL PAVEMENT MARKERS LEGEND

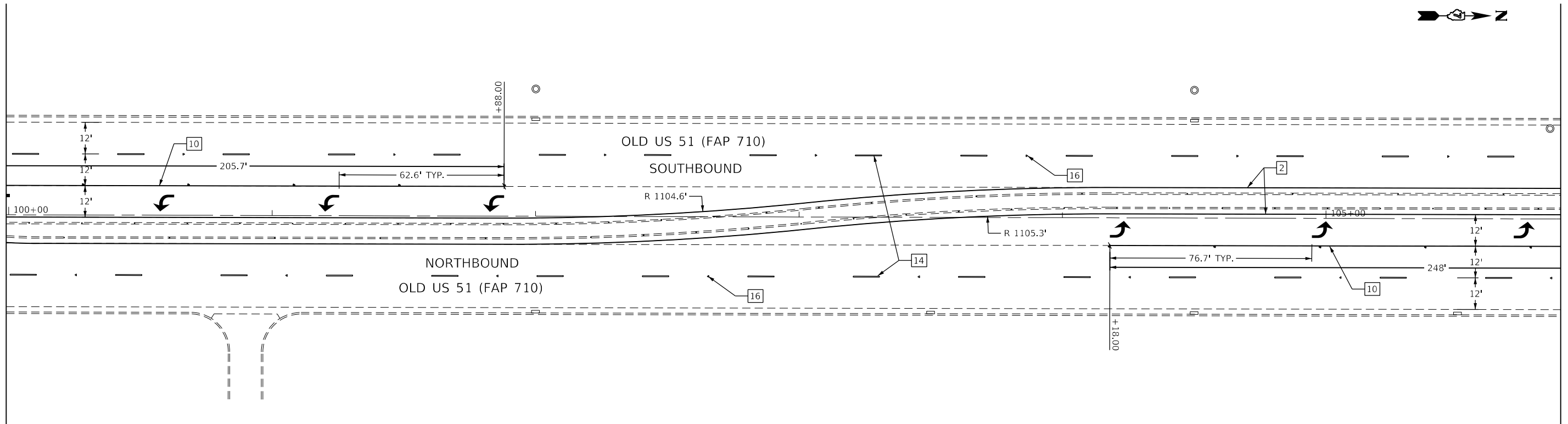
- 16 ONE-WAY CRYSTAL MARKER 

MATCHLINE STA. 95 + 73.37



MATCHLINE STA. 99 + 99.07

MATCHLINE STA. 99 + 99.07



MATCHLINE STA. 105 + 89.07

MODEL NUMBER: MAM16
FILE NAME: 811615

USER NAME = \$USERS	DESIGNED - LMH	REVISED -
PLOT SCALE = \$SCALES	DRAWN - LMH	REVISED -
PLOT DATE = \$DATES	CHECKED -	REVISED -
	DATE - \$DATES	REVISED -

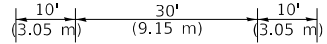




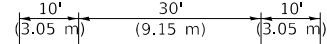





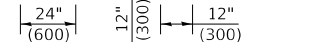


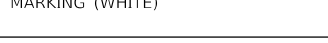
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	43
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

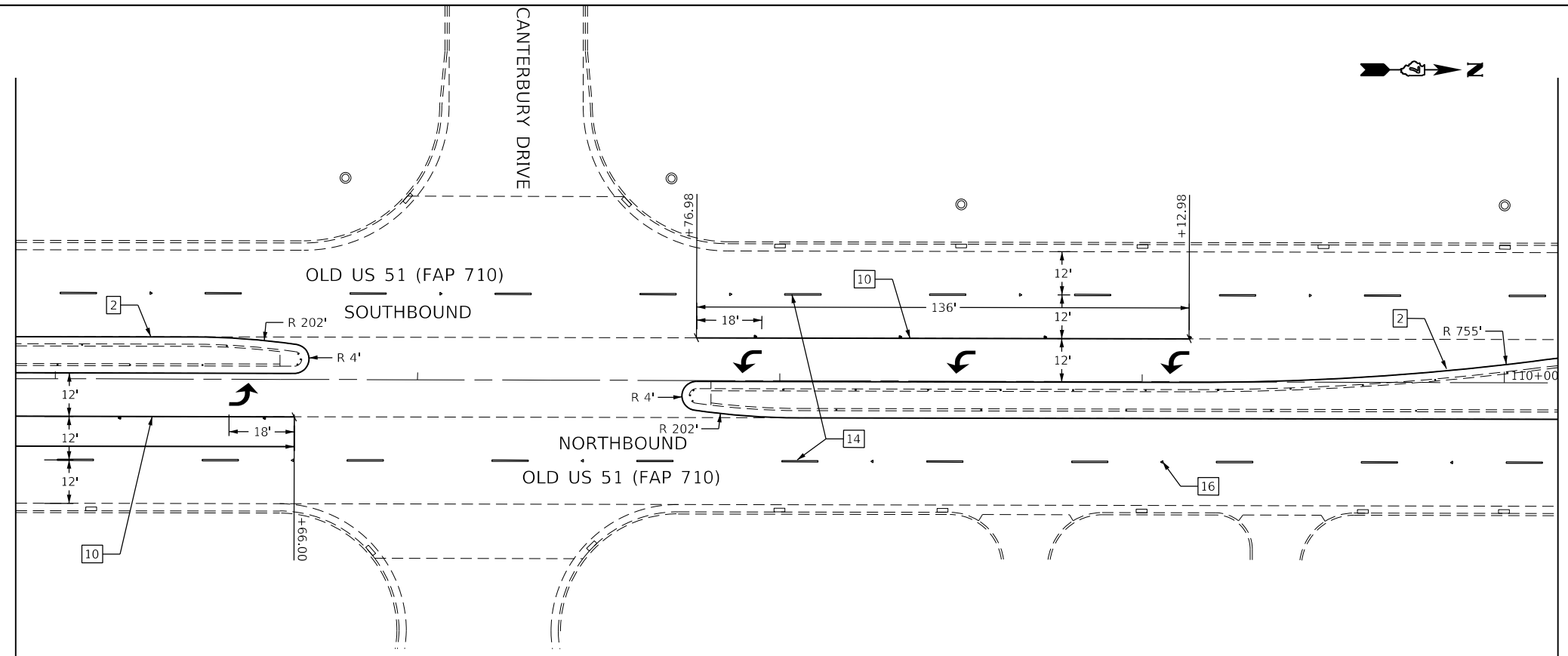
PAVEMENT MARKING LEGEND

- 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 8" (100) SOLID YELLOW 
- 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 
- 14 6" (150) PREFORMED PLASTIC, TYPE D 
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE) 

TYPICAL PAVEMENT MARKERS LEGEND

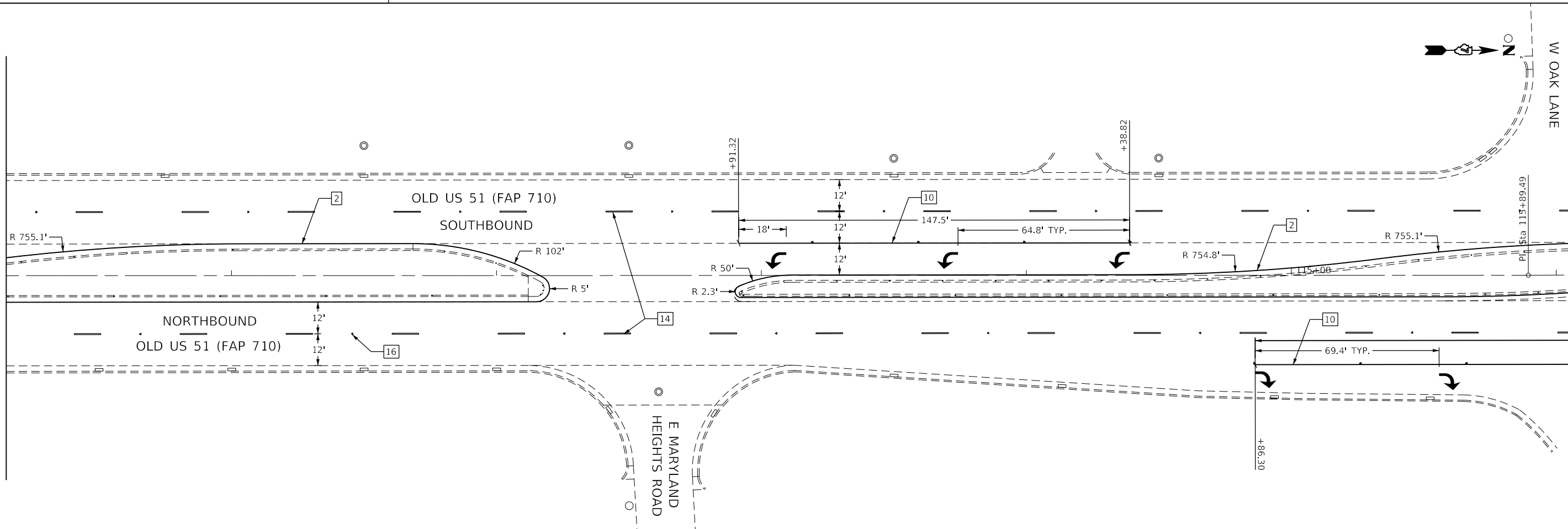
- 16 ONE-WAY CRYSTAL MARKER ▷

MATCHLINE STA. 105 + 89.07



MATCHLINE STA. 110 + 14.77

MATCHLINE STA. 110 + 14.77



MATCHLINE STA. 116 + 04.97

MODEL NUMBER: MAMTMS
FILE NAME: 811615

USER NAME = SUSERS	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISOR -	
PLOT SCALE = \$SCALES	CHECKED -	REVISOR -
PLOT DATE = \$DATES	DATE - \$DATES	REVISOR -

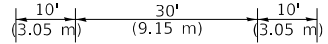




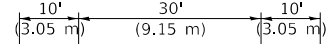


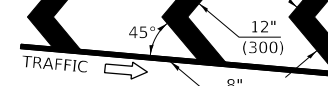



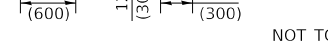


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

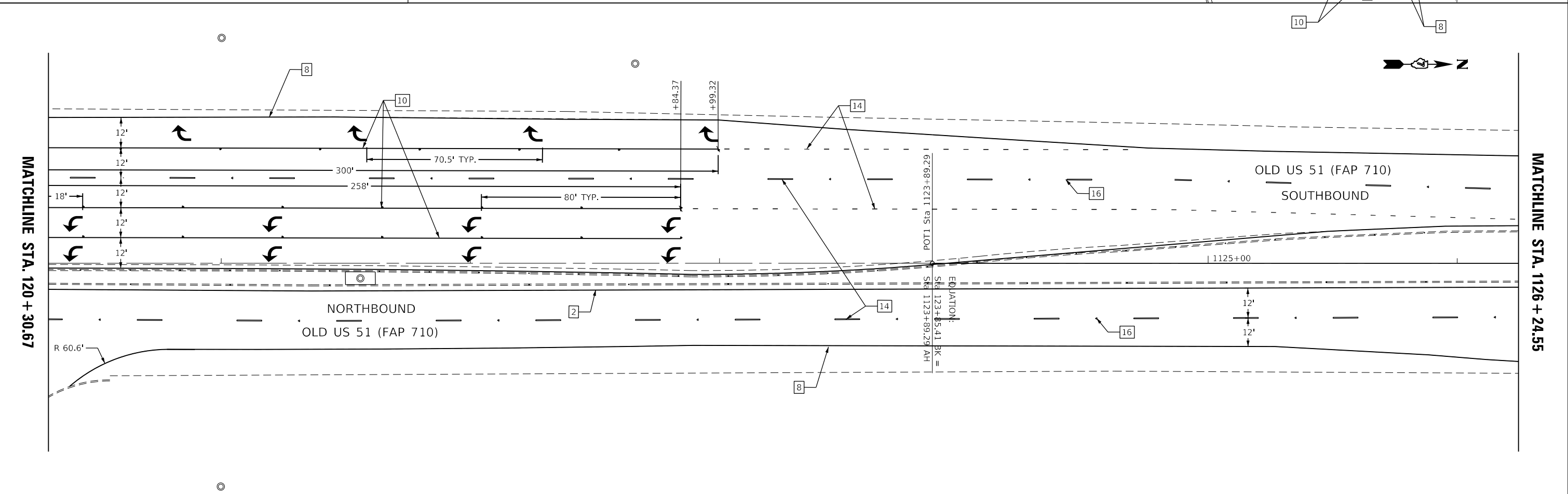
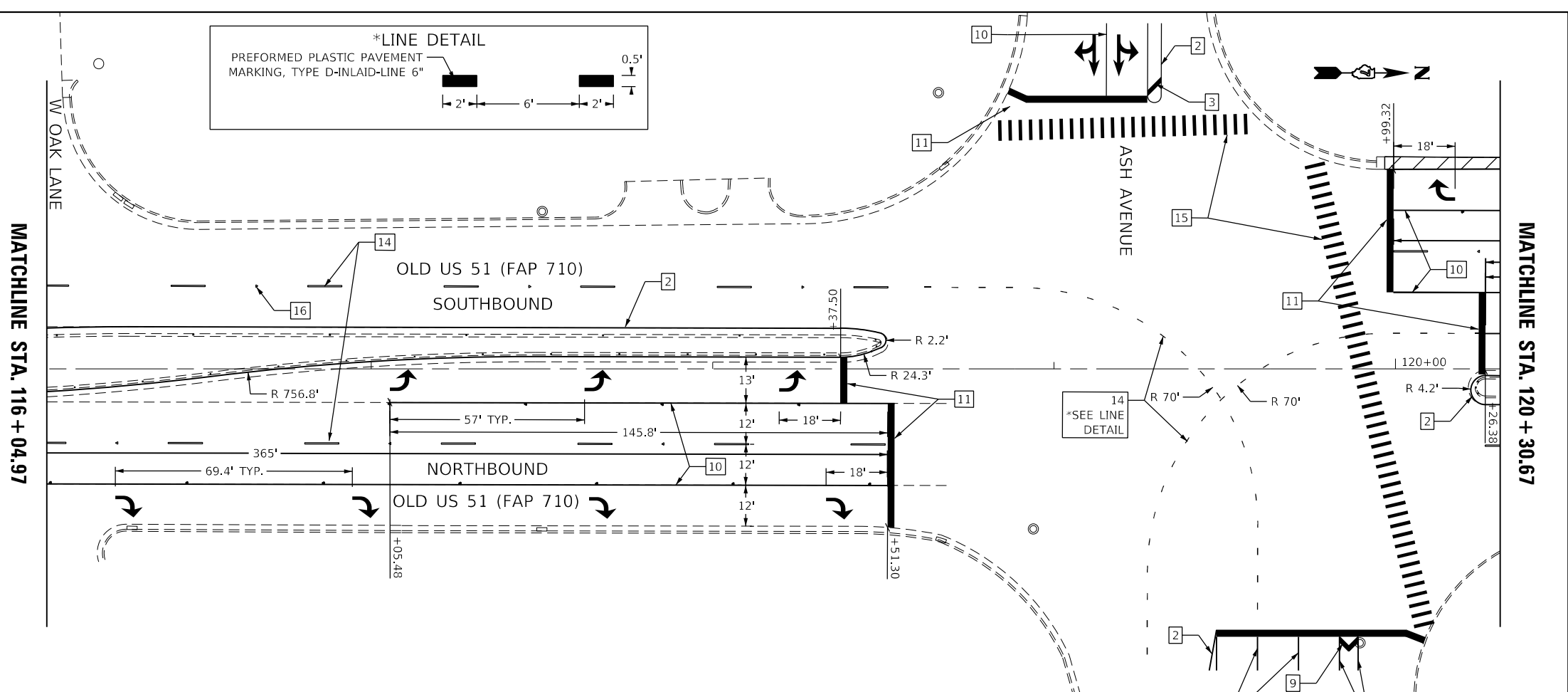
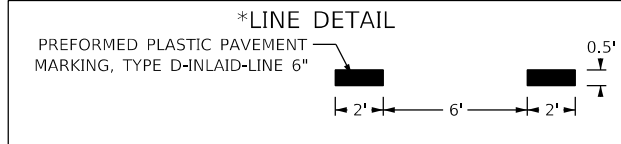
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	44
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

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 8" (100) SOLID YELLOW 
- 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 
- 14 6" (150) PREFORMED PLASTIC, TYPE D 
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE) 

TYPICAL PAVEMENT MARKERS LEGEND

- 16 ONE-WAY CRYSTAL MARKER 



MODEL NUMBER: MAMT5
FILE NAME: 811E15

USER NAME = \$USERS	DESIGNED - LMH	REVISED -
PLOT SCALE = \$SCALES	DRAWN - LMH	REVISED -
PLOT DATE = \$DATES	CHECKED -	REVISED -
	DATE - \$DATES	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	45
CONTRACT NO. 74637				
ILLINOIS		FED. AID PROJECT		

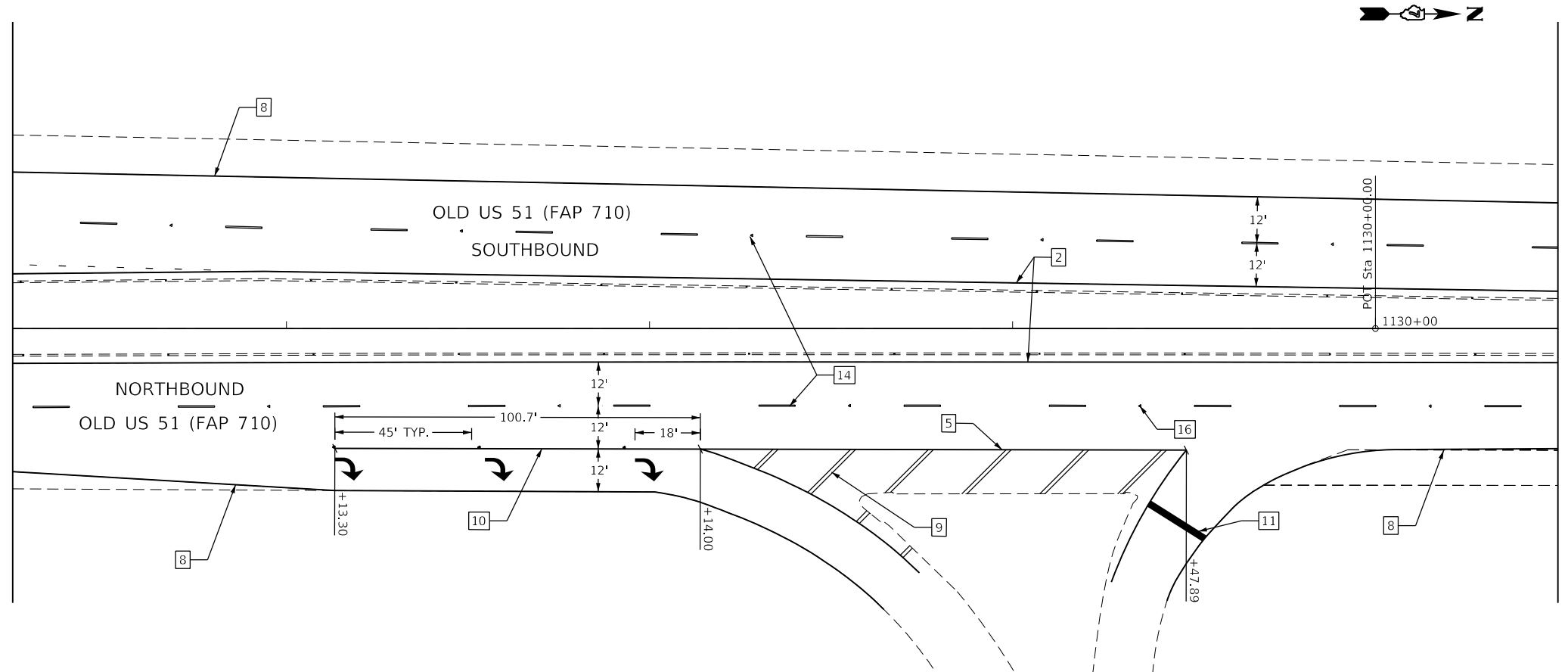
PAVEMENT MARKING LEGEND

- 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 8" (100) SOLID YELLOW
- 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
- 14 6" (150) PREFORMED PLASTIC, TYPE D
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

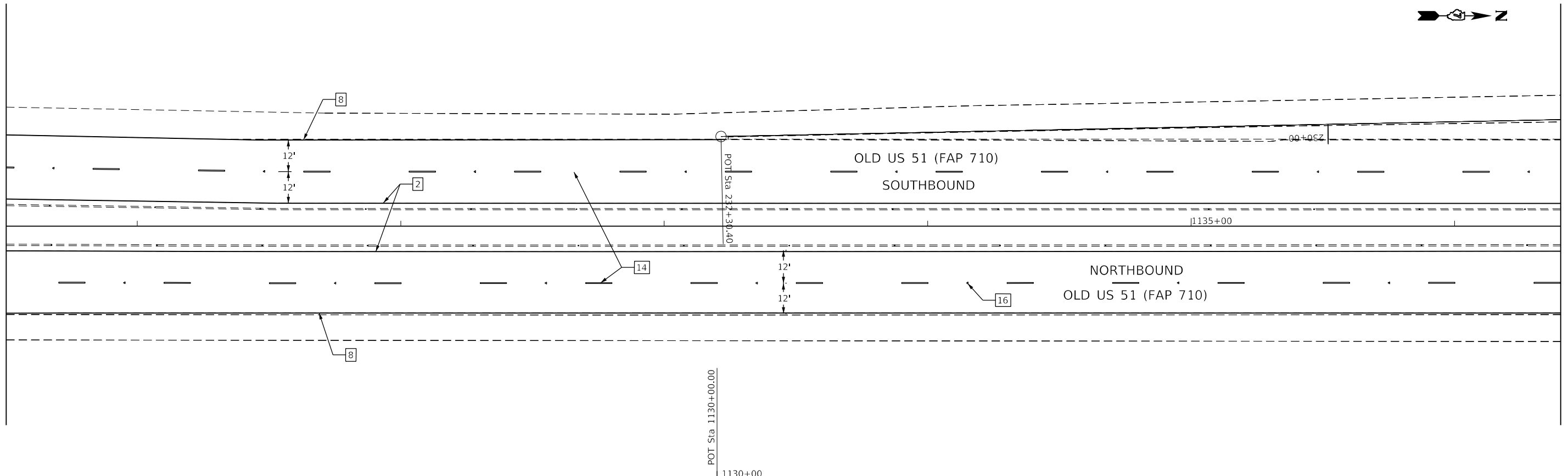
- 16 ONE-WAY CRYSTAL MARKER

MATCHLINE STA. 1126 + 24.55



MATCHLINE STA. 1130 + 50.25

MATCHLINE STA. 1130 + 50.25



MATCHLINE STA. 1136 + 40.25

MODEL NUMBER: MAMT5
FILE NAME: 811615

USER NAME = \$USERS	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = \$SCALES	DATE - \$DATES	REVISED -
PLOT DATE = \$DATES		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	46
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

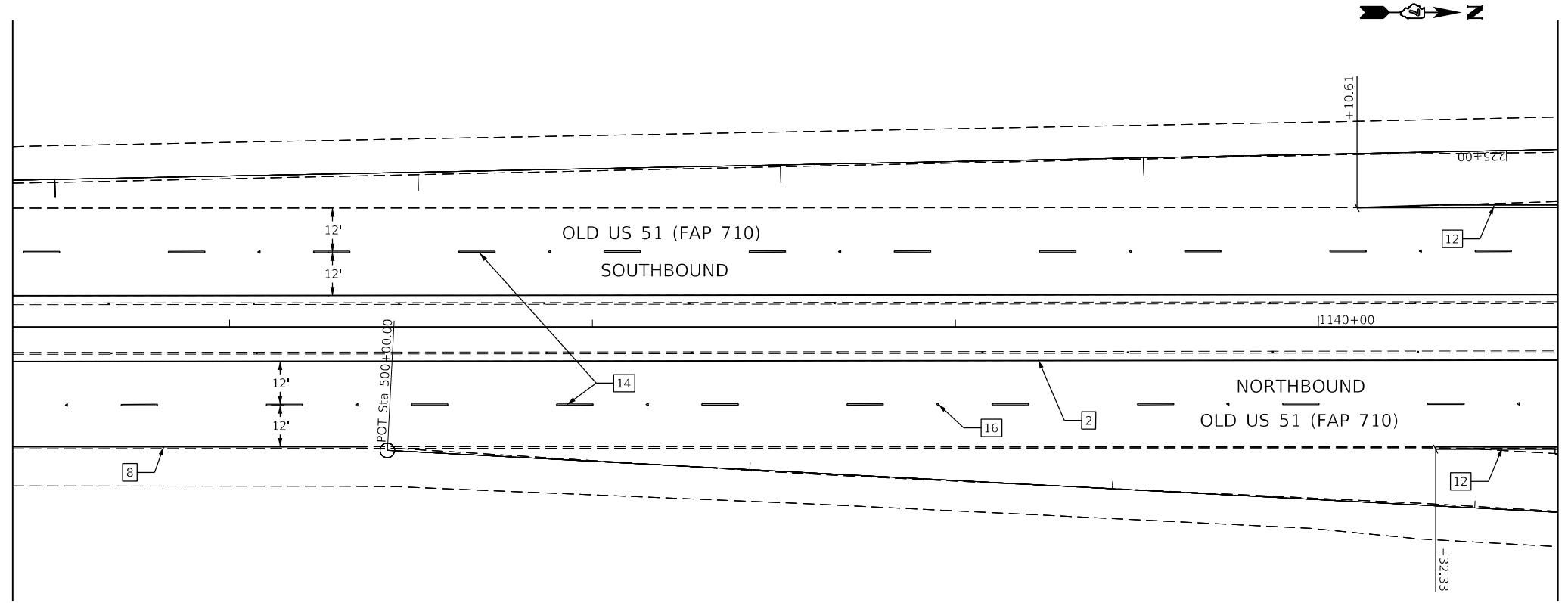
PAVEMENT MARKING LEGEND

- 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 8" (100) SOLID YELLOW
- 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
- 14 6" (150) PREFORMED PLASTIC, TYPE D
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

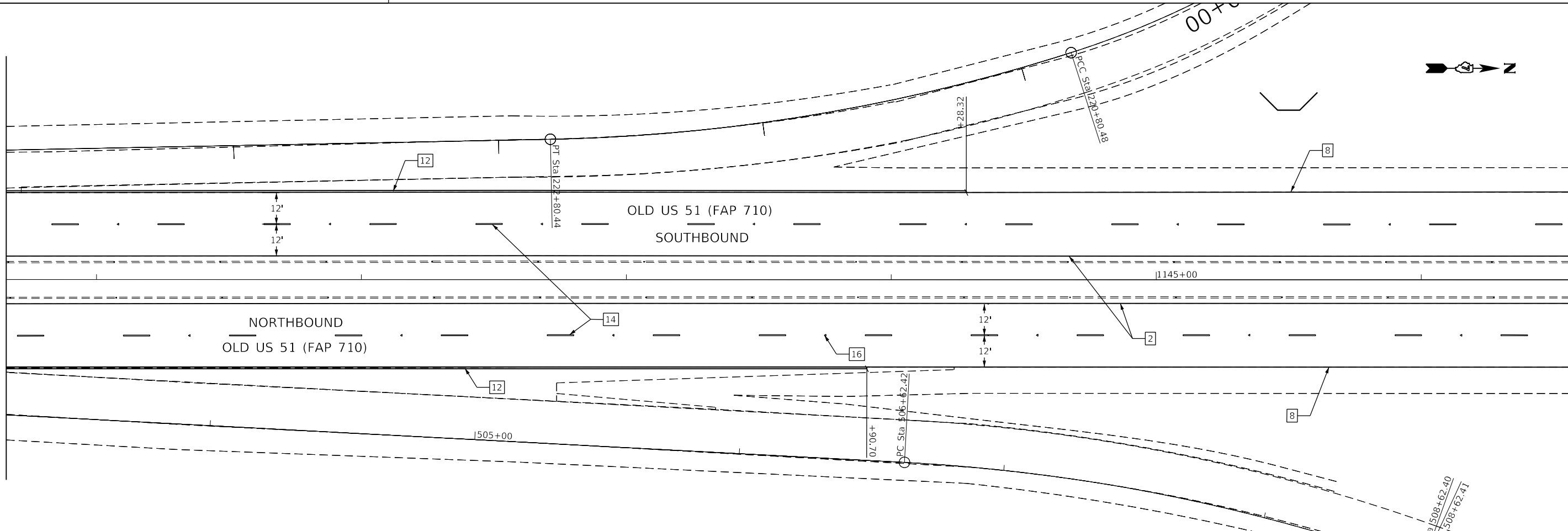
- 16 ONE-WAY CRYSTAL MARKER ▷

MATCHLINE STA. 1136 + 40.25



MATCHLINE STA. 1140 + 65.95

MATCHLINE STA. 1140 + 65.95



MATCHLINE STA. 1146 + 55.95

MODEL NUMBER: MAMTMS
FILE NAME: 811615

USER NAME = \$USERS	DESIGNED - LMH	REVISED -
DRAWN - LMH	CHECKED -	REVISED -
PLOT SCALE = \$SCALES	DATE - \$DATES	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	47
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

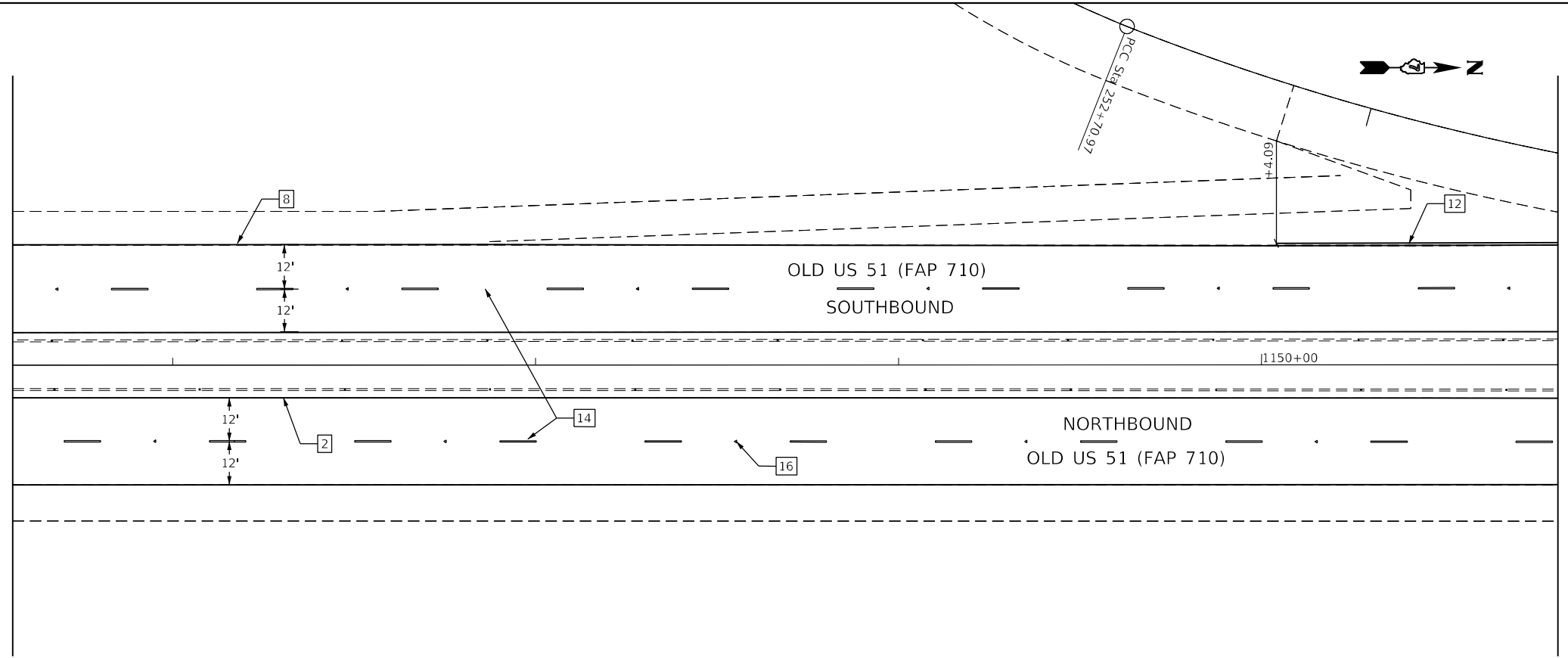
PAVEMENT MARKING LEGEND

- 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 8" (100) SOLID YELLOW
- 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
- 14 6" (150) PREFORMED PLASTIC, TYPE D
- 15 12" MODIFIED URETHANE PAVEMENT MARKING (WHITE)

TYPICAL PAVEMENT MARKERS LEGEND

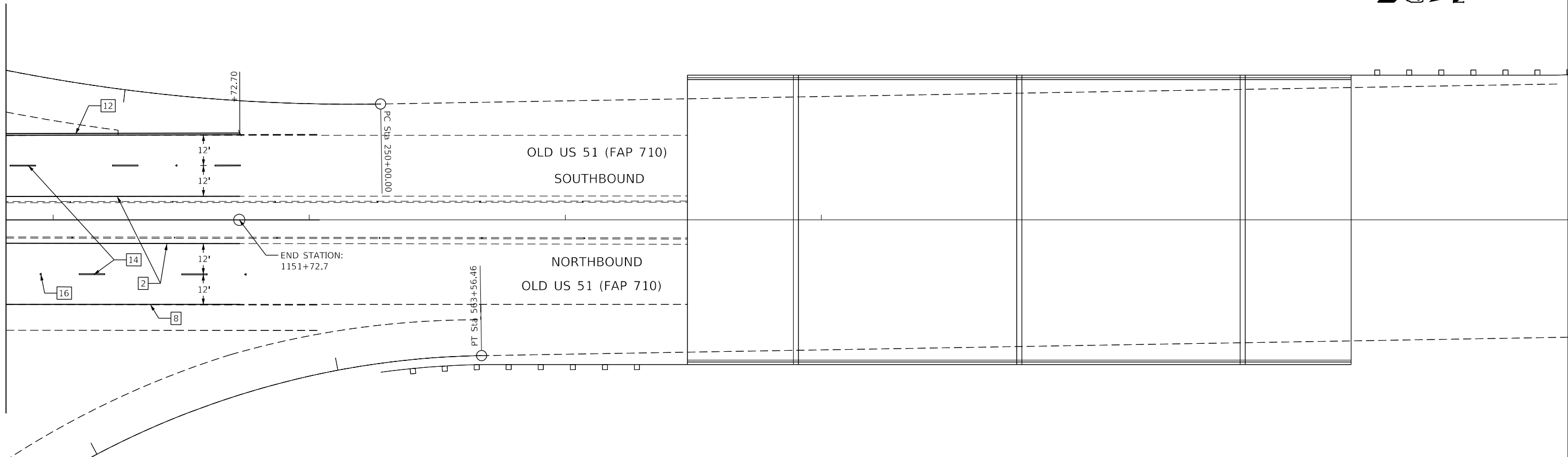
- 16 ONE-WAY CRYSTAL MARKER

MATCHLINE STA. 1146 + 55.95



MATCHLINE STA. 1150 + 81.63

MATCHLINE STA. 1150 + 81.63



MODEL NUMBER: MAMTMS
FILE NAME: 8163.DWG

USER NAME = SUSERS	DESIGNED - LMH	REVISED -
PLOT SCALE = \$SCALES	DRAWN - LMH	REVISED -
PLOT DATE = \$DATES	CHECKED -	REVISED -
	DATE - \$DATES	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAIL

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(4822&3,5022&3,50R)R5-3	MACON	84	48
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS- MOUND RD. & US 51

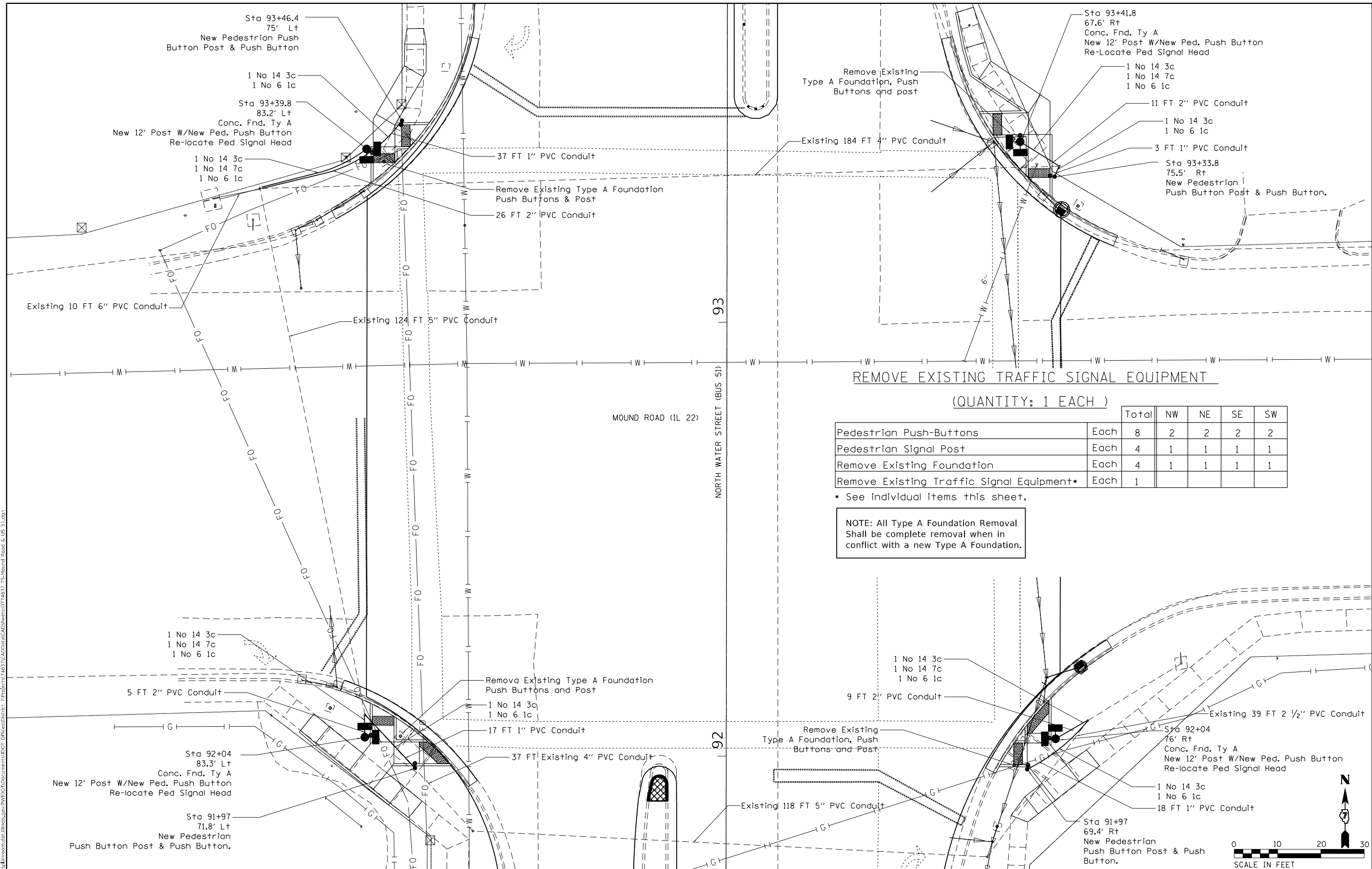
CODE	ITEM	UNIT	QUANTITY
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA	FOOT	75
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	51
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 3C	FOOT	1724
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 7C	FOOT	856
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	756
87502660	TRAFFIC SIGNAL POST, ALUMINUM 12 FT	EACH	4
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE 1	EACH	4
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87900200	DRILL EXISTING HANDHOLE	EACH	8
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	8
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4

MODEL: Default
 FILE NAME: p:\pub\mroom.dwt
 ILLINOIS DOT Documents\DOT - Office\Director - Projects\74637\CAAD\data\CAD\sheets\074637 IS-Mound Road & US 51.dgn

USER NAME = bakeral PLOT SCALE = 20,0000 * / in. PLOT DATE = 7/21/2021	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION OF WEST ASH AVE. & US 51 BILL OF MATERIALS	F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 49
SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT					

*(48Z 2&3, 50Z 2&3, 50R)RS-3

MODEL: Default
 FILE NAME: p:\data\mason.dwg
 PROJECT: 74637\CD\Drawings\DOT - Office\Drawings\74637\TS-Mound Road & US 51.dgn

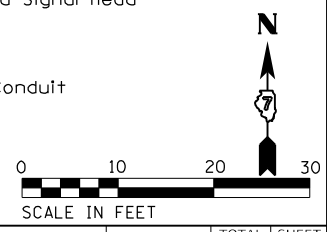


REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
(QUANTITY: 1 EACH)

	Total	NW	NE	SE	SW
Pedestrian Push-Buttons	Each 8	2	2	2	2
Pedestrian Signal Post	Each 4	1	1	1	1
Remove Existing Foundation	Each 4	1	1	1	1
Remove Existing Traffic Signal Equipment*	Each 1				

* See individual items this sheet.

NOTE: All Type A Foundation Removal Shall be complete removal when in conflict with a new Type A Foundation.



USER NAME = bakeral	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 7/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INTERSECTION OF MOUND RD. & US 51	
LAYOUT	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 50
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

(48Z 2&3, 50Z 2&3, 50R)RS-3

TRAFFIC SIGNAL GENERAL NOTES

THIS TRAFFIC SIGNAL PORTION OF THIS PROJECT CONSISTS OF PEDESTRAIN SIGNAL MODIFICATIONS AT TWO INTERSECTIONS LOCATED ON WEST ASH AVE AND MOUND ROAD ALONG US 51. LOCATED IN THE CITY OF DECATUR, MACON COUNTY. THE WORK INCLUDED IN THIS SECTION CONSISTS OF INSTALLING & RELOCATING PEDESTRAIN SIGNALS AND PUSH BUTTONS AND ALL OTHER WORK NECESSARY TO COMPLETE THIS PORTION OF THIS PROJECT.

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

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

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

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

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

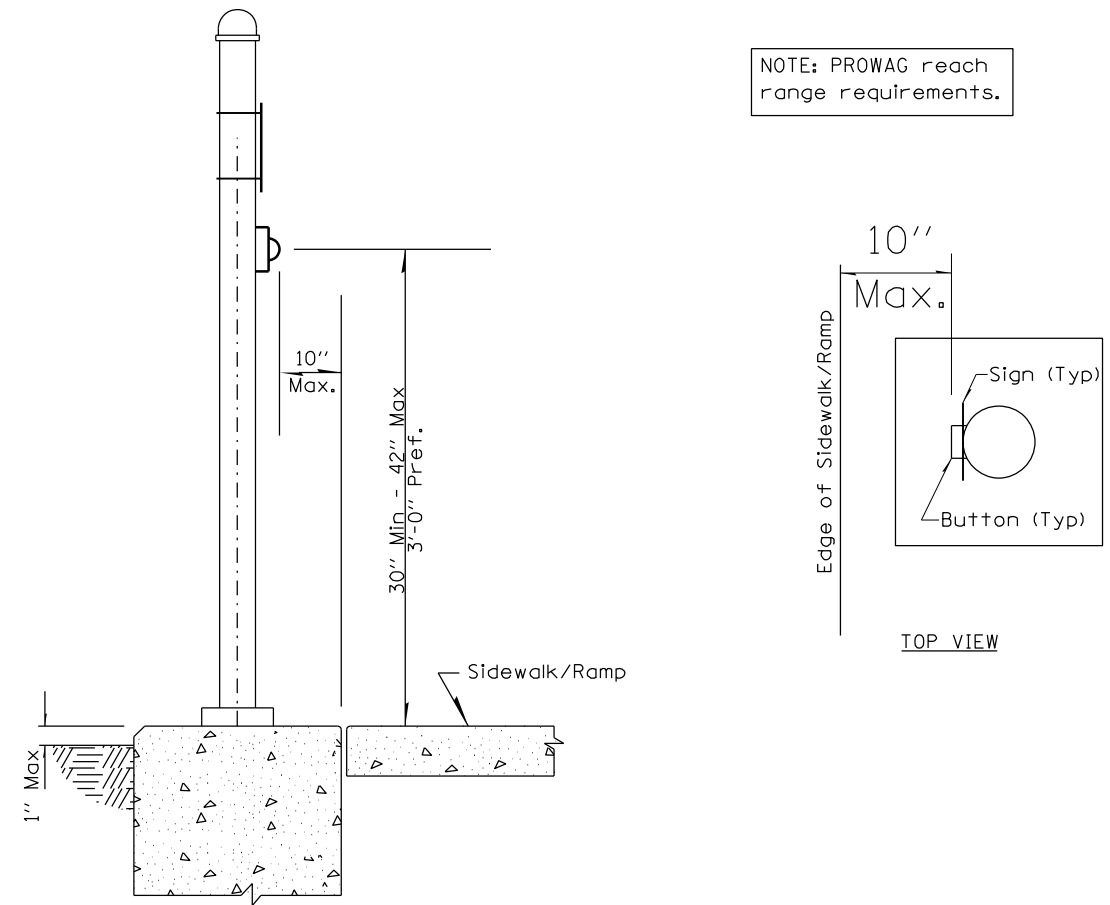
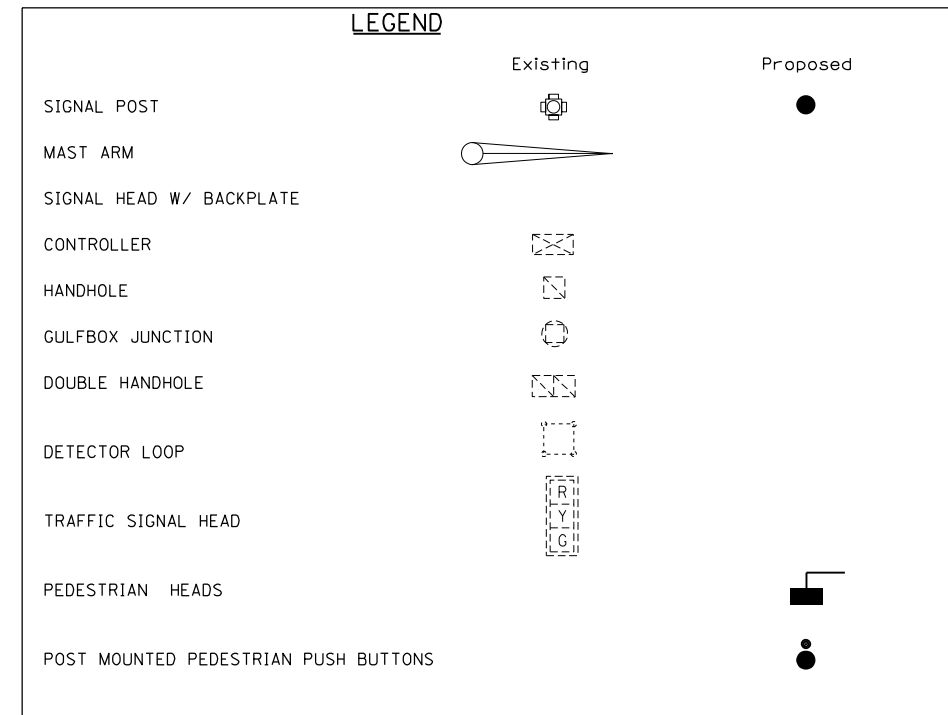
ALL THREADS OF BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

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

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

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

ALL NEW TRAFFIC SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES WILL NOT BE ALLOWED.



PEDESTRIAN PUSH-BUTTON LOCATION

MODEL: Default
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PROJECT: 74637\CD\Drawings\DOT\Office\Drawings\74637\TS\West_Ash_Ave_51.dwg

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	DRAWN -	REVISED -
PLOT SCALE = 20,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 5/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION OF WEST ASH AVE. & US 51
DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 51
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74637	

*(48Z 2&3, 50Z 2&3, 50R)RS-3

BILL OF MATERIALS- WEST ASH AVE. & US 51

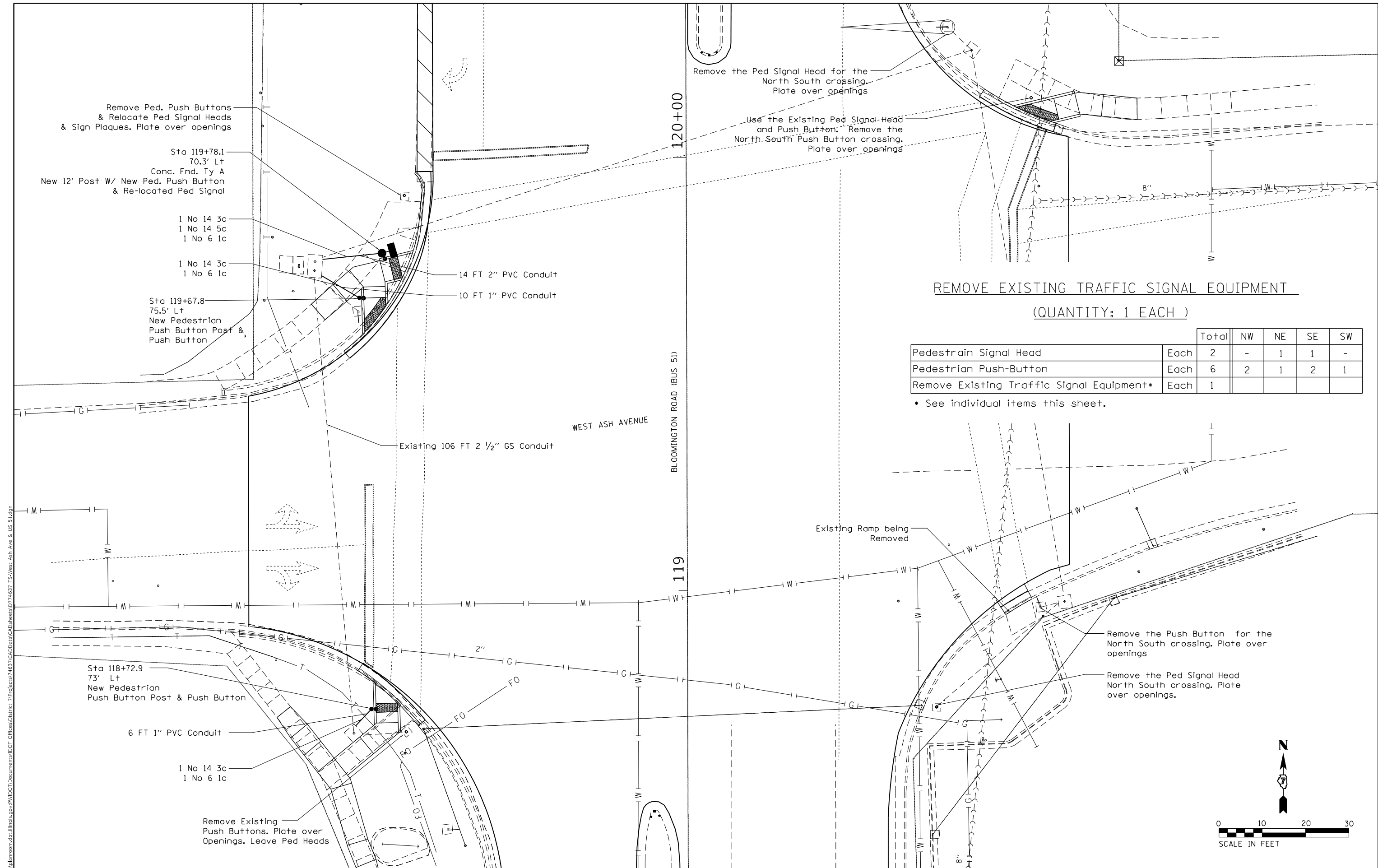
CODE	ITEM	UNIT	QUANTITY
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA	FOOT	16
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	14
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 3C	FOOT	218
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 5C	FOOT	41
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	185
87502660	TRAFFIC SIGNAL POST, ALUMINUM 12 FT	EACH	1
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE 1	EACH	2
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
87900200	DRILL EXISTING HANDHOLE	EACH	3
88800100	PEDESTRIAN PUSH-BUTTON	EACH	3
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

MODEL: Default
 FILE NAME: C:\pilot\pilotroom\dot\illinois\pilot\pilot\DOT\Documents\DOT_Offices\Dir\dot_7\Projects\74637\CADD\dot\CAD\Sheet\DOT74637_T5\West_Ash_Ave_&_US_51.dgn

USER NAME = bakeral PLOT SCALE = 20,0000 * / in. PLOT DATE = 7/21/2021	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION OF WEST ASH AVE. & US 51 BILL OF MATERIALS	F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 52
SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT					

*(48Z 2&3, 50Z 2&3, 50R)RS-3

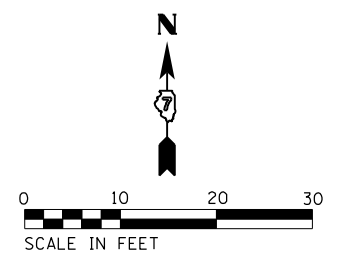
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REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
 (QUANTITY: 1 EACH)

	Each	Total	NW	NE	SE	SW
Pedestrian Signal Head	2	2	-	1	1	-
Pedestrian Push-Button	6	6	2	1	2	1
Remove Existing Traffic Signal Equipment*	1	1				

* See individual items this sheet.



USER NAME = stefnmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 5/14/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION OF WEST ASH AVE. & US 51	
LAYOUT	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 53
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

(48Z 2&3, 50Z 2&3, 50R)RS-3

BILL OF MATERIALS TOTAL -US 51 ASH AVE & MOUND RD.

CODE	ITEM	UNIT	QUANTITY
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA	FOOT	91
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA	FOOT	65
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 3C	FOOT	1942
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 5C	FOOT	41
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO 14 7C	FOOT	897
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO 6 1C	FOOT	941
87502660	TRAFFIC SIGNAL POST, ALUMINUM 12 FT	EACH	5
87600100	PEDESTRIAN PUSH-BUTTON POST, TYPE 1	EACH	6
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	15
87900200	DRILL EXISTING HANDHOLE	EACH	11
88800100	PEDESTRIAN PUSH-BUTTON	EACH	11
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	9
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	4

MODEL: Default
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USER NAME = bakeral PLOT SCALE = 20,0000 * / in. PLOT DATE = 8/12/2021	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION OF US 51 ASH AVE & MOUND RD BILL OF MATERIALS	F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 54
SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT					

The existing three span continuous steel multi-beam structure was constructed in 1965 as S.B.I. 2 (F.A. Route 710), Section 50BR. The reinforced concrete deck was removed and replaced in 1998. S.N. 058-0004 carries Southbound Business Route 51 (Main St.) over Spring Creek. The proposed project consists of new expansion joints at the abutments.



GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Reinforcement Bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be replaced using an approved bar splicer or anchorage system. Cost included with CONCRETE REMOVAL.

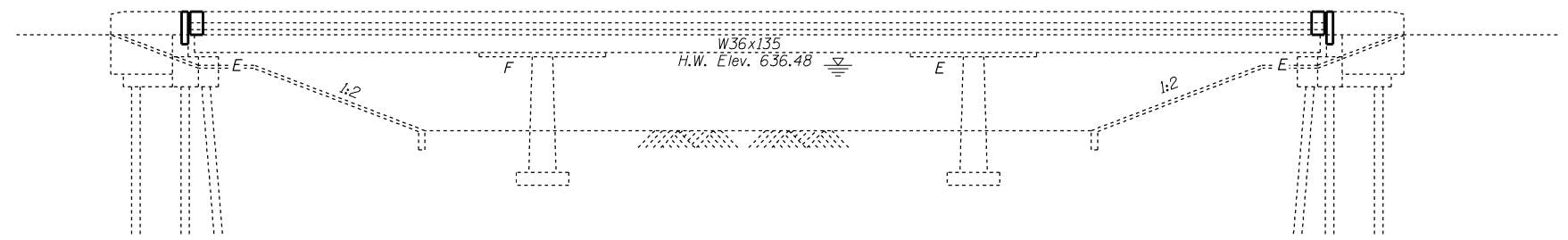
Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

Removal and reinstallation of the aluminum hand rail will be necessary for construction of the expansion joints. The existing rail sections shall be reused. All embedded anchors that are within the concrete removal area shall be replaced with new rail post anchors as shown in included details. This work and all materials shall be included in the contract unit price for CONCRETE SUPERSTRUCTURE.

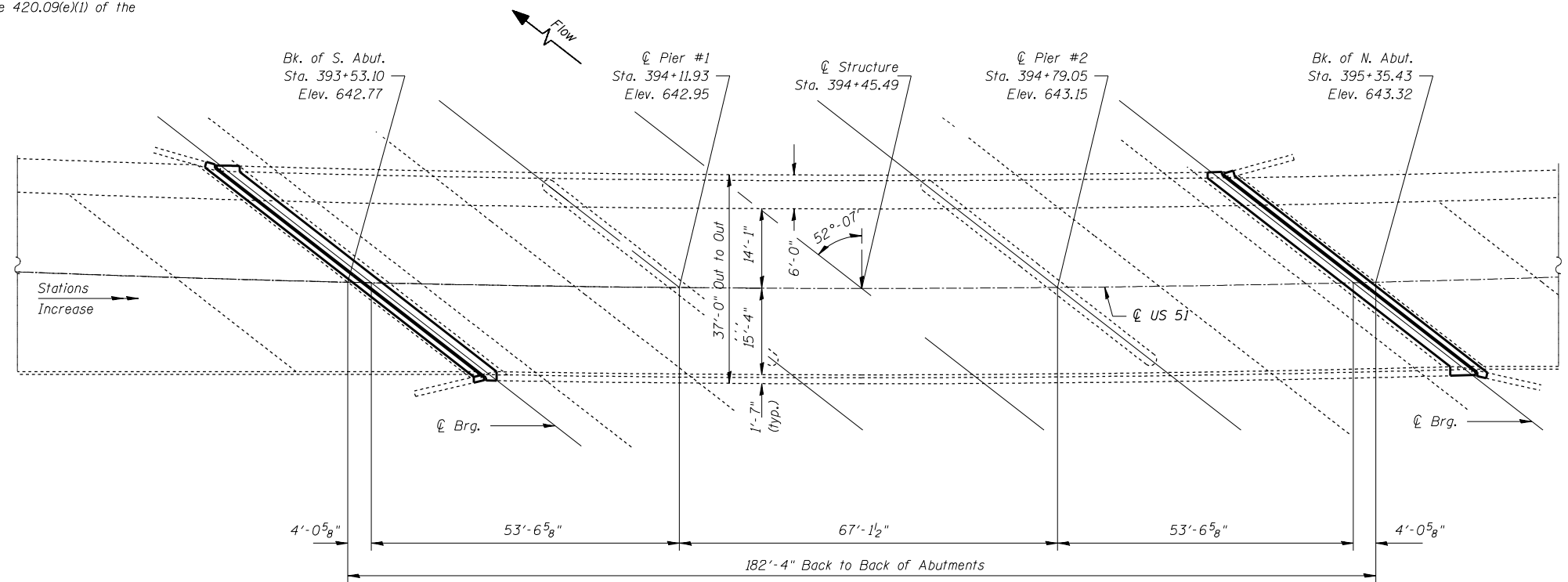
Prior to pouring the new concrete deck, all heavy and loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in CONCRETE REMOVAL.

Protective Coat to be applied to areas of new concrete only.

The new deck surface adjacent to the joint shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost to be included with Concrete Superstructure.



ELEVATION



PLAN



Expires 11-30-2022

David Carl Puzey

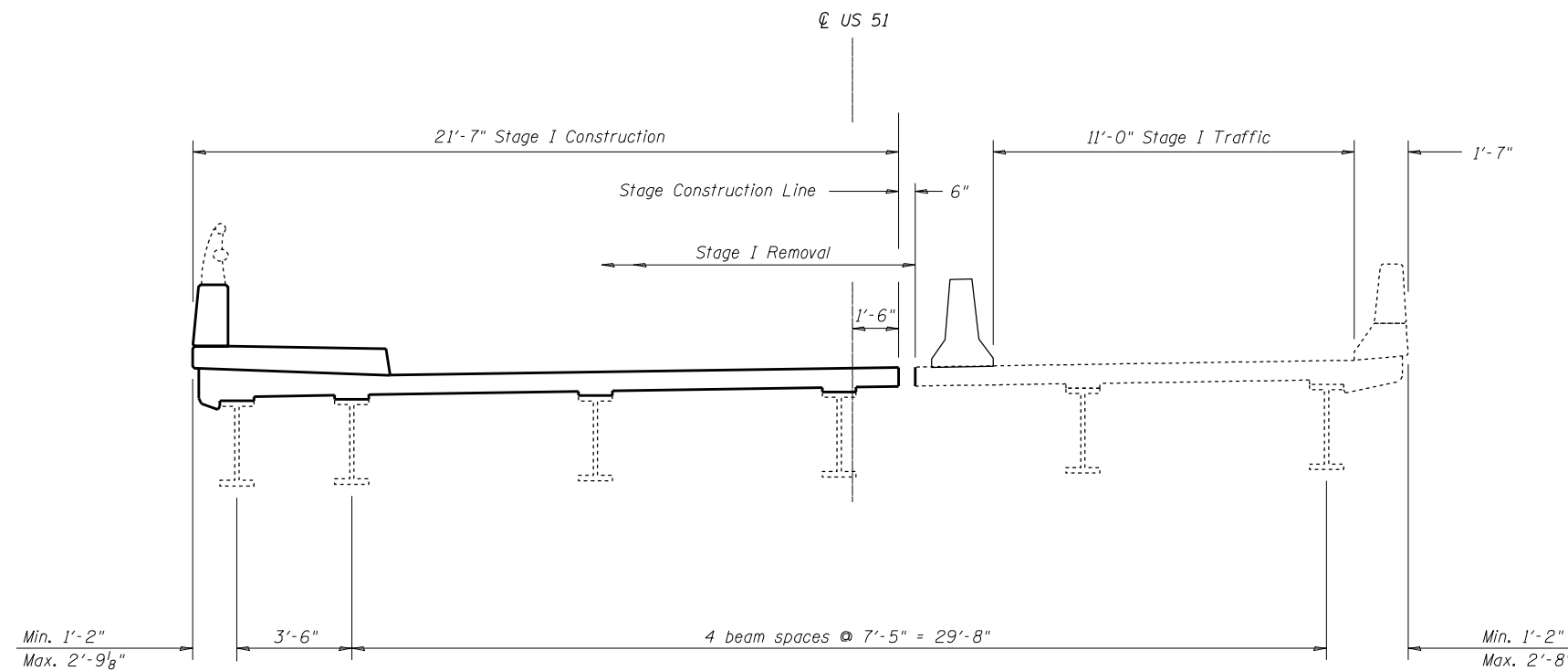
01/31/2022

FILE NAME =	USER NAME = steffennk	DESIGNED - S. Kassel	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION STRUCTURE NO. 058-0004			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default	PLOT SCALE = 40.0000' / in.	DRAWN - S. Kassel	REVISED -		SCALE:	SHEET 1	OF 10 SHEETS	STA.	TO STA.	710	(4822&3, 5022&3, 50R1RS-3)	Macon	84	55	
	PLOT DATE = 5/14/2021	CHECKED - D. Macklin	REVISED -												
		DATE - 10/4/2017	REVISED -												
											CONTRACT NO. 74637		ILLINOIS FED. AID PROJECT		

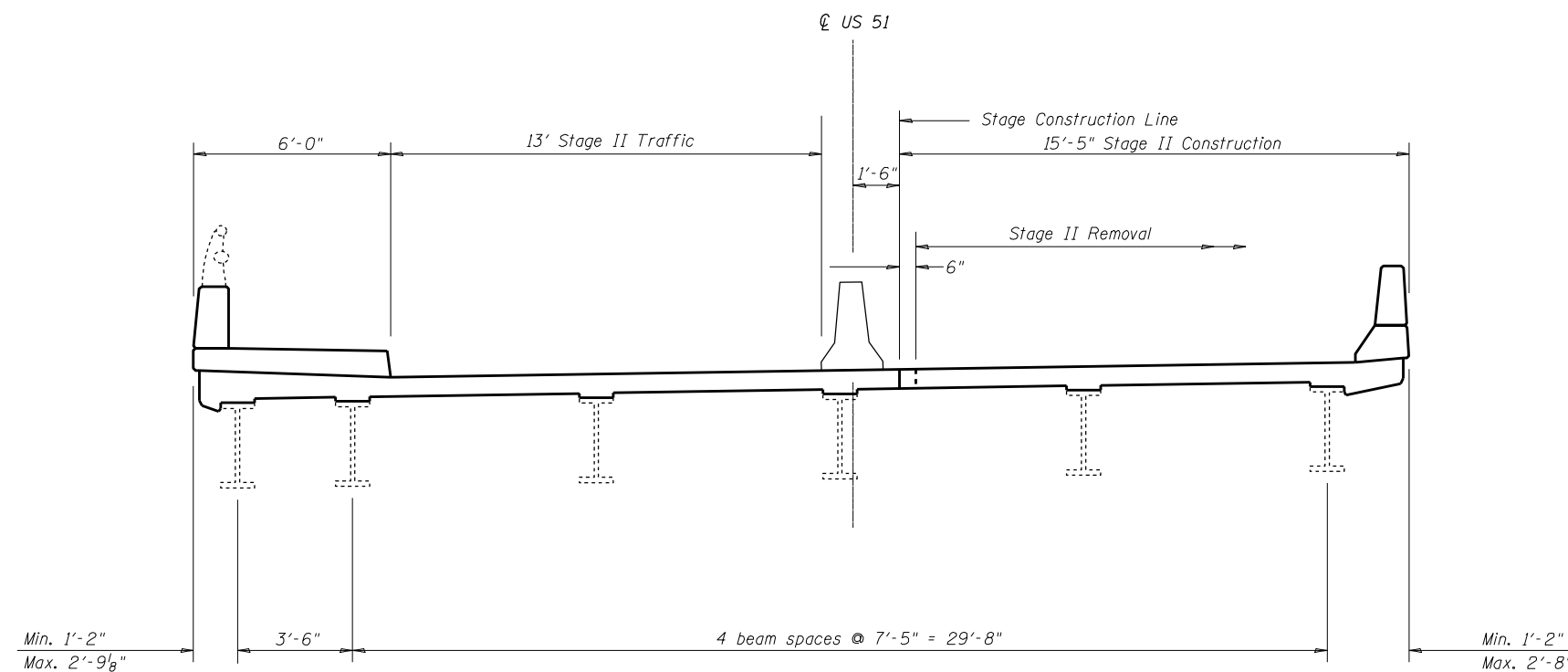
TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	17.5
Concrete Superstructure	Cu. Yd.	17.4
Reinforcement Bars, Epoxy Coated	Pound	2170
Bar Splicers	Each	24
Preformed Joint Strip Seal	Foot	114
* Protective Coat	Sq Yd	50

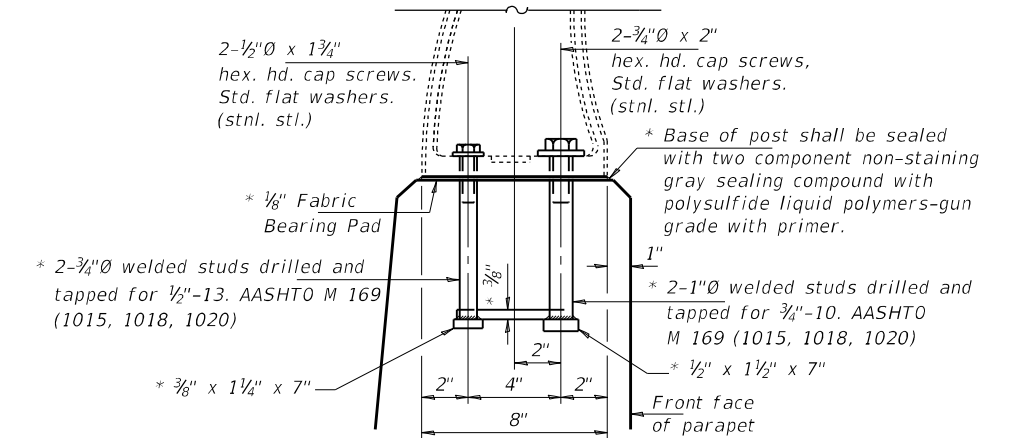
*New concrete areas only.



STAGE I
(Looking North)

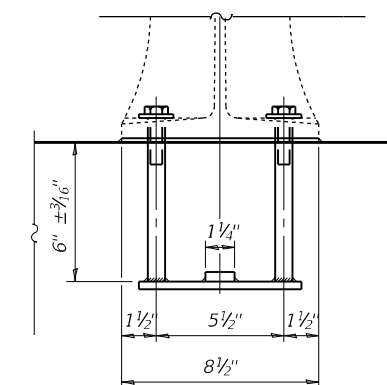


STAGE II
(Looking North)



RAIL POST DETAILS

* New Rail Post anchorage devices will be required at each location where posts are connected to new construction. Cost included with Concrete Superstructure.

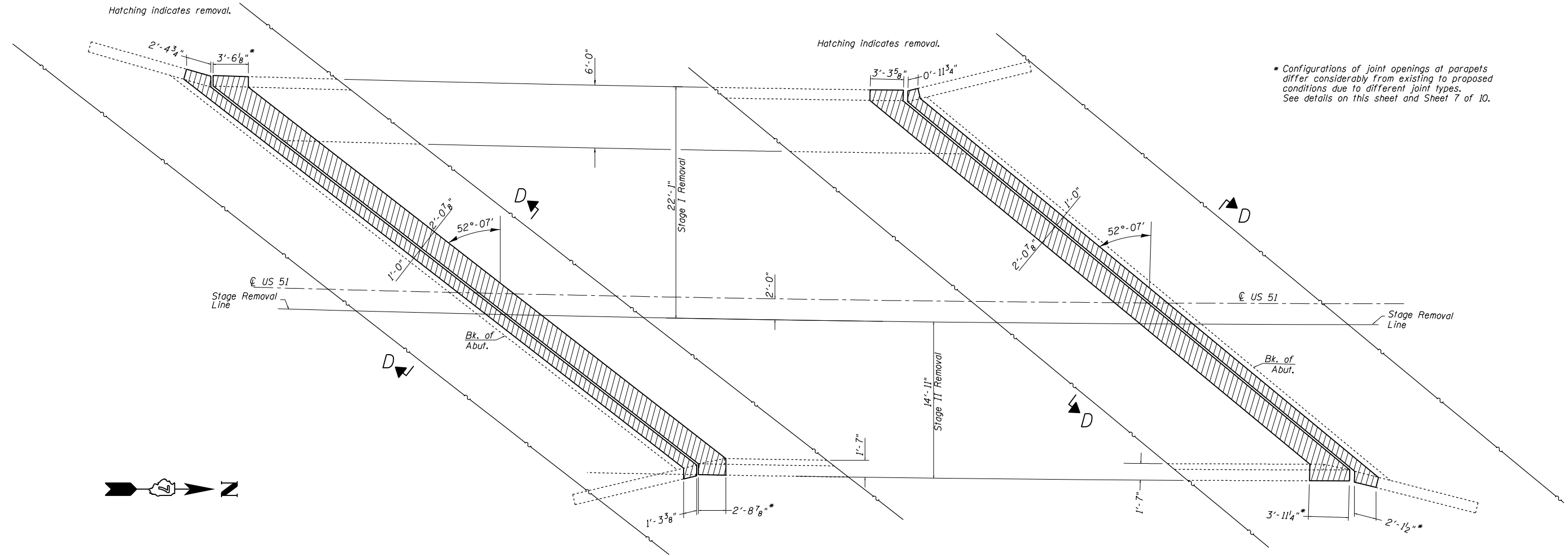


ELEVATION AT RAIL POST

BILL OF MATERIAL

(Both Expansion Joints)

ITEM	SOUTH (CU YD)	NORTH (CU YD)	TOTAL (CU YD)
CONCRETE REMOVAL	9.0	8.5	17.5



PARTIAL REMOVAL PLAN
(South Abutment)

For Section D-D, See Sheet 6 of 10.

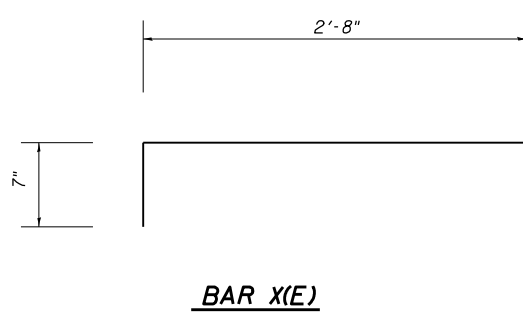
PARTIAL REMOVAL PLAN
(North Abutment)

FILE NAME =	USER NAME = Default	DESIGNED - S. Kassel	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXPANSION JOINT REMOVAL DETAILS STRUCTURE NO. 058-0004	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 40.0000' / in.	DRAWN - D. Macklin	REVISED -			710	(48Z2&3, 50Z2&3, 50R1RS-3)	Macon	84	57	
	PLOT DATE = 1/31/2022	CHECKED - D. Macklin	REVISED -			CONTRACT NO. 74637					
		DATE - 10/4/2017	REVISED -			SCALE:	SHEET 3	OF 10	SHEETS	STA.	TO STA.

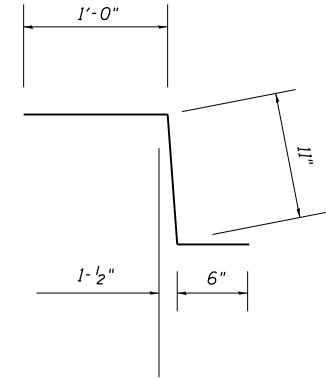
BILL OF MATERIAL

(south expansion joint)

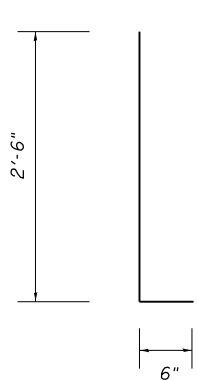
BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE
	STAGE I	STAGE II				
a(E)	8	0	8	#5	34'-8"	—
a1(E)	0	8	8	#5	24'-10"	—
c(E)	4	0	4	#5	2'-5"	┌
c1(E)	4	0	4	#5	9'-2"	—
d(E)	0	4	4	#5	3'-0"	┌
d1(E)	0	2	2	#5	2'-5"	┌
d2(E)	0	2	2	#5	3'-8"	┌
d3(E)	4	0	4	#5	4'-7"	┌
d4(E)	4	0	4	#5	3'-8"	┌
d5(E)	4	0	4	#5	2'-0"	┌
h(E)	4	0	4	#6	34'-8"	—
h1(E)	0	4	4	#6	24'-8"	—
x(E)	20	14	34	#5	3'-3"	┌
REINFORCEMENT BARS (EPOXY COATED)					POUND	1080
CONCRETE SUPERSTRUCTURE					CU YD	8.9



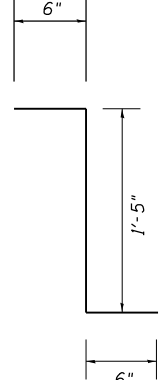
BAR X(E)



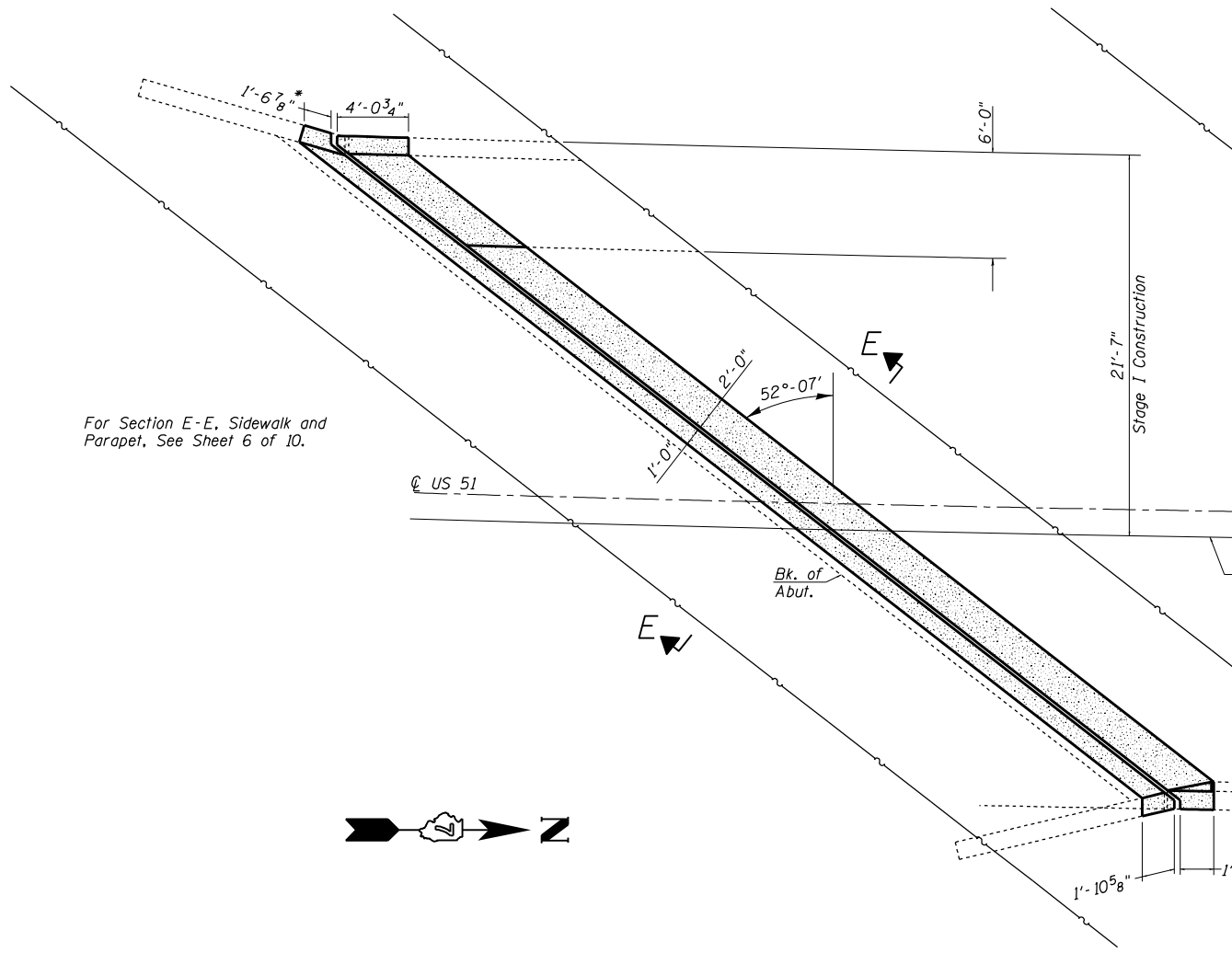
BAR c(E)



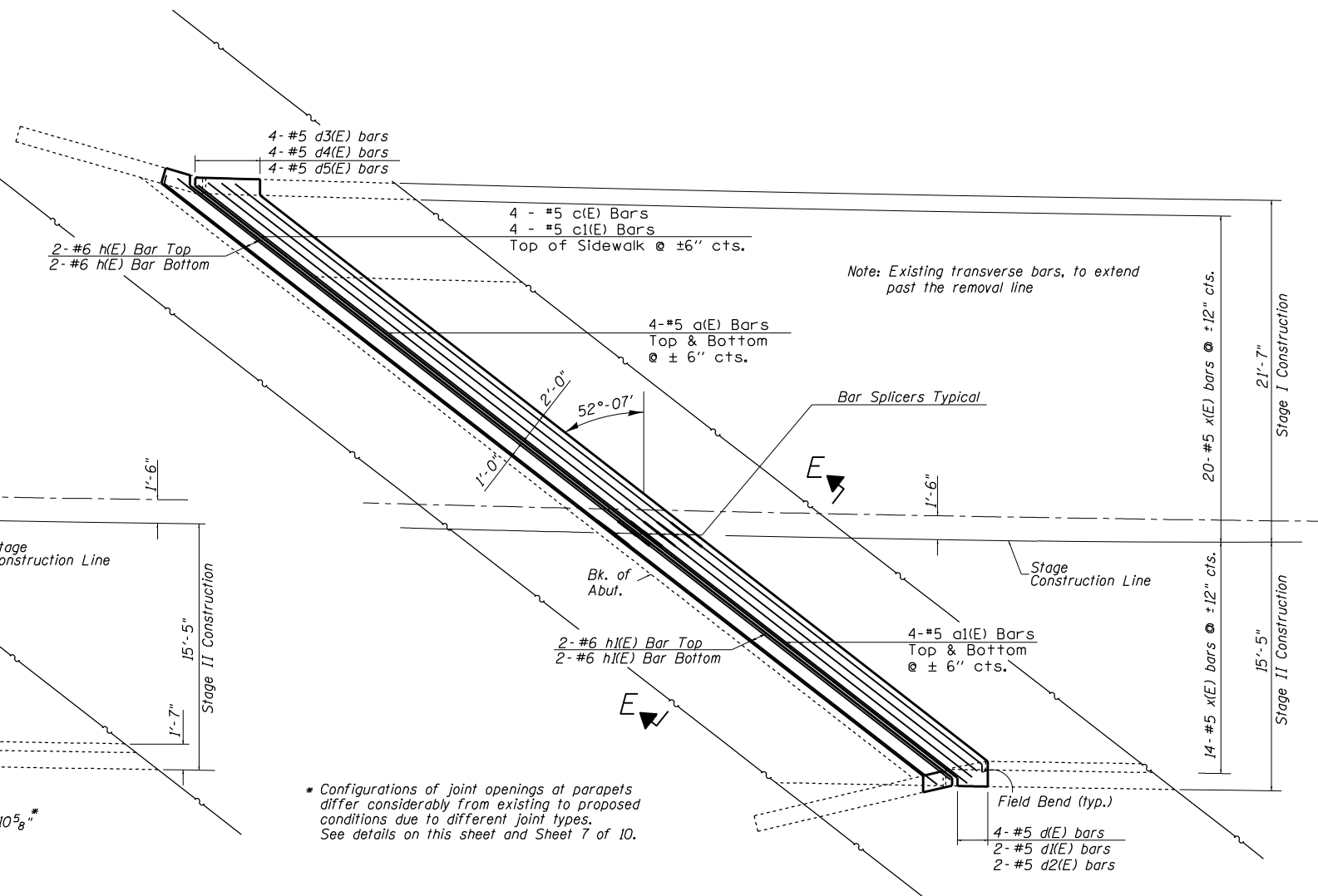
BAR d(E)



BAR d1(E)



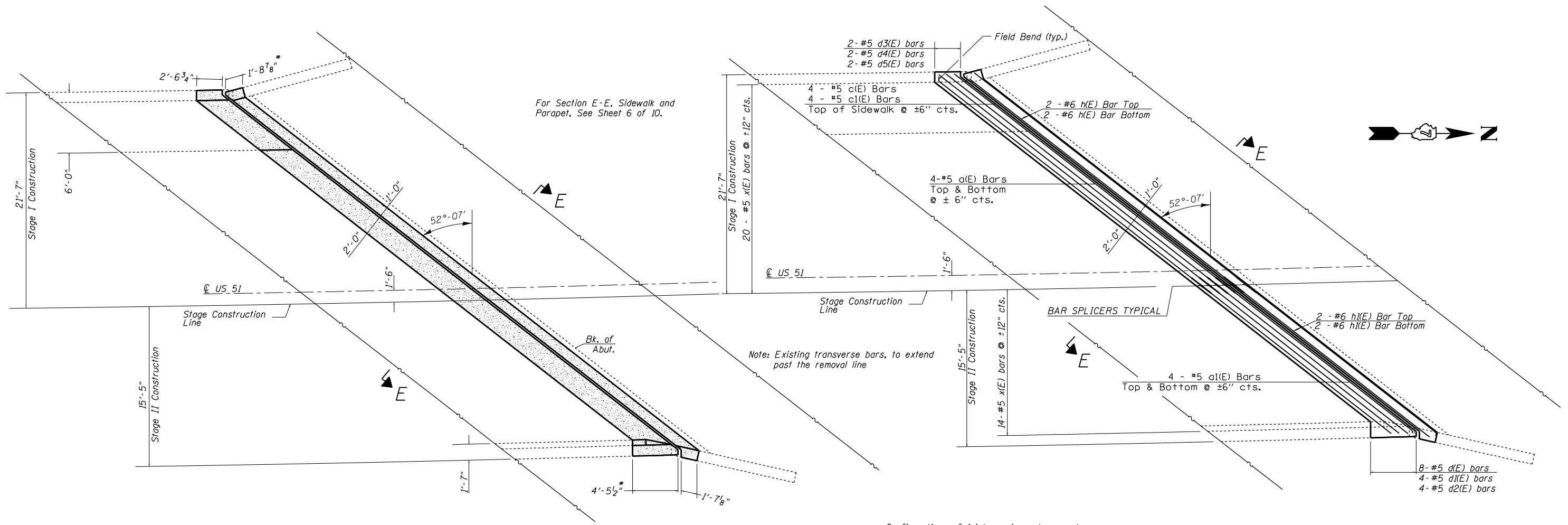
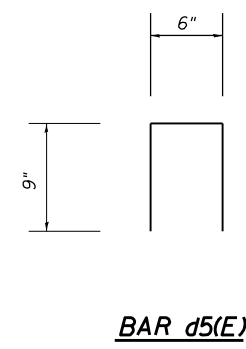
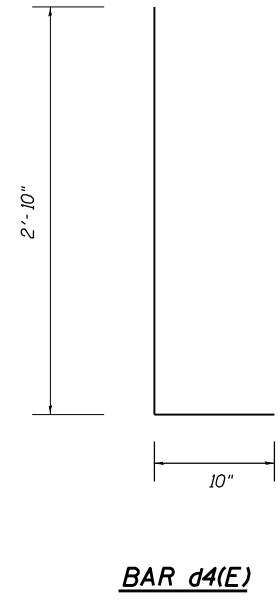
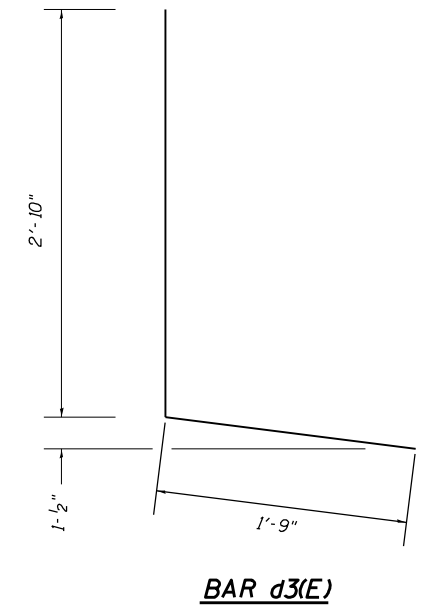
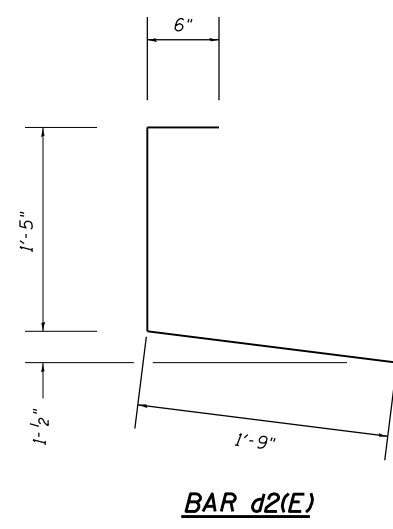
PROPOSED PARTIAL PLAN
(South Abutment)



PARTIAL REINFORCEMENT PLAN
(South Abutment)

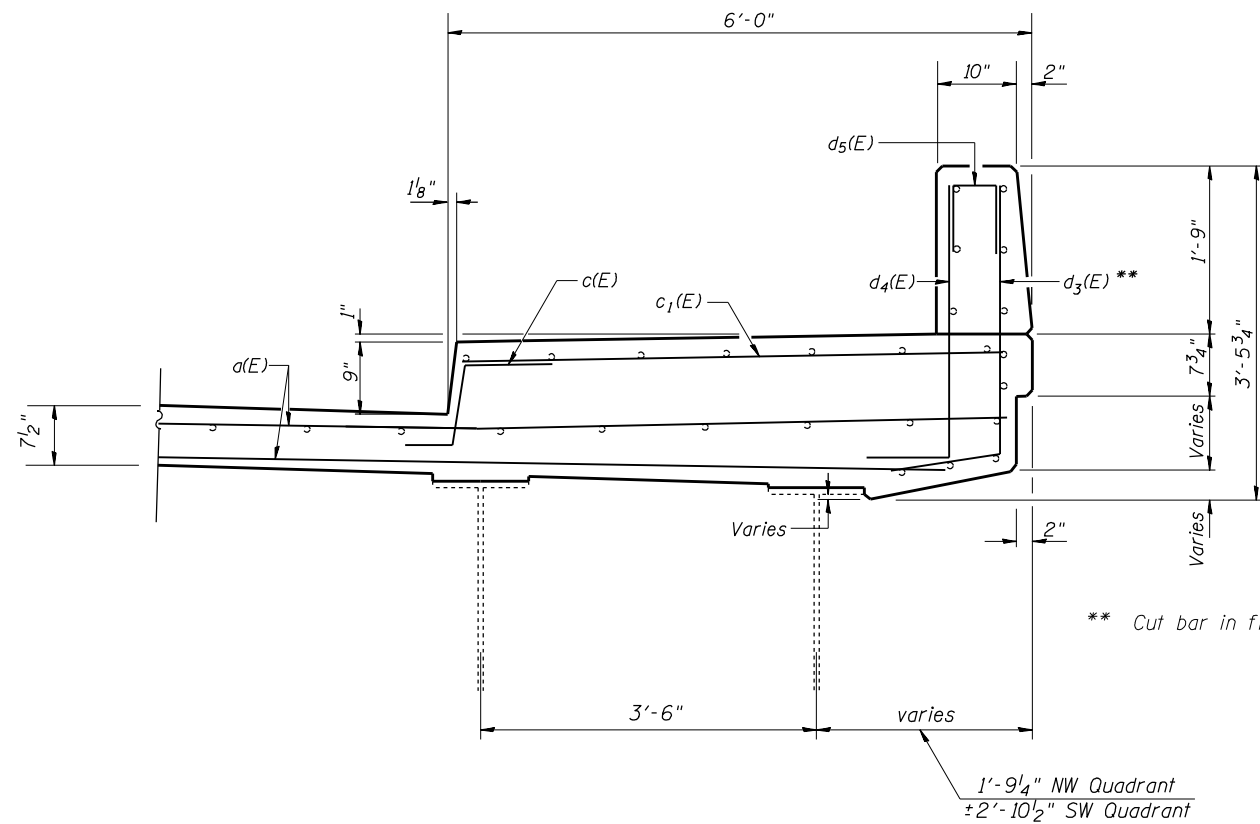
BILL OF MATERIAL
(north expansion joint)

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE
	STAGE I	STAGE II				
d(E)	8	0	8	#5	34'-8"	—
a(E)	0	8	8	#5	24'-10"	—
c(E)	4	0	4	#5	2'-5"	└
c1(E)	4	0	4	#5	9'-2"	└
d(E)	0	8	8	#5	3'-0"	└
d1(E)	0	4	4	#5	2'-5"	└
d2(E)	0	4	4	#5	3'-8"	└
d3(E)	2	0	2	#5	4'-7"	└
d4(E)	2	0	2	#5	3'-8"	└
d5(E)	2	0	2	#5	2'-0"	└
h(E)	4	0	4	#6	34'-8"	—
h1(E)	0	4	4	#6	24'-8"	—
x(E)	20	14	34	#5	3'-3"	└
REINFORCEMENT BARS (EPOXY COATED)					POUND	1090
CONCRETE SUPERSTRUCTURE					CU YD	8.5



PROPOSED PARTIAL PLAN
(North Abutment)

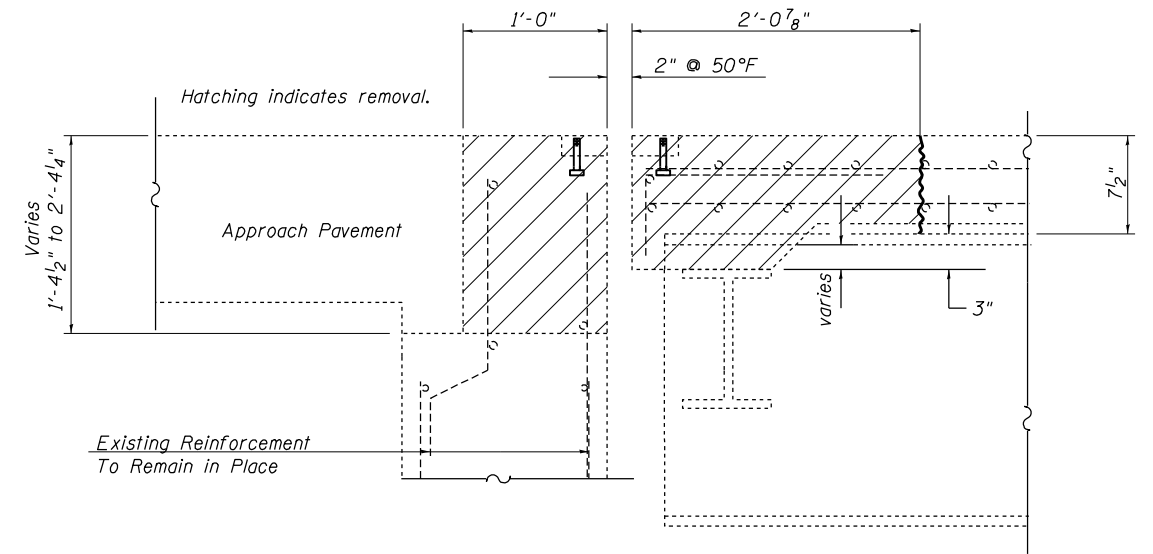
PROPOSED REINFORCEMENT PLAN
(North Abutment)



SECTION THRU SIDEWALK
(Looking South)

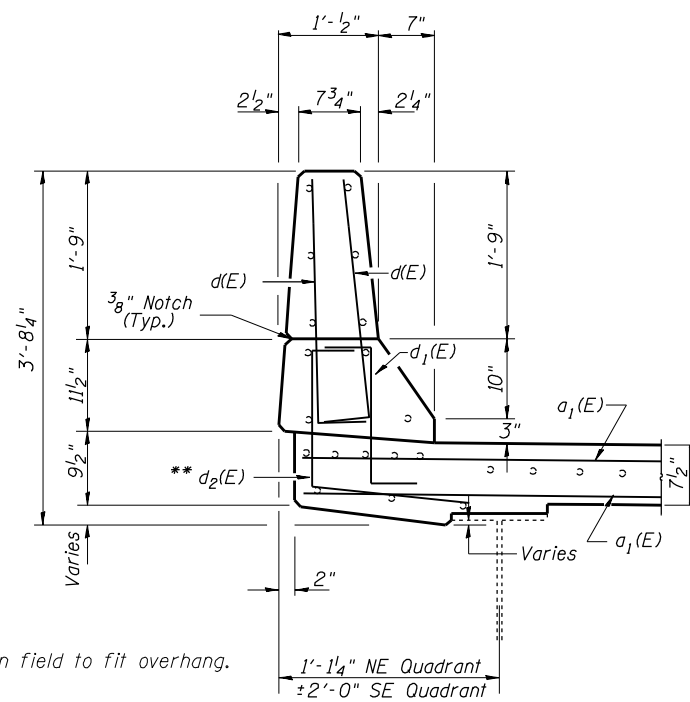
** Cut bar in field to fit overhang.

1'-9 1/4" NW Quadrant
±2'-10 1/2" SW Quadrant



SECTION D-D
(Dimensions at Rt. L's to end of deck)

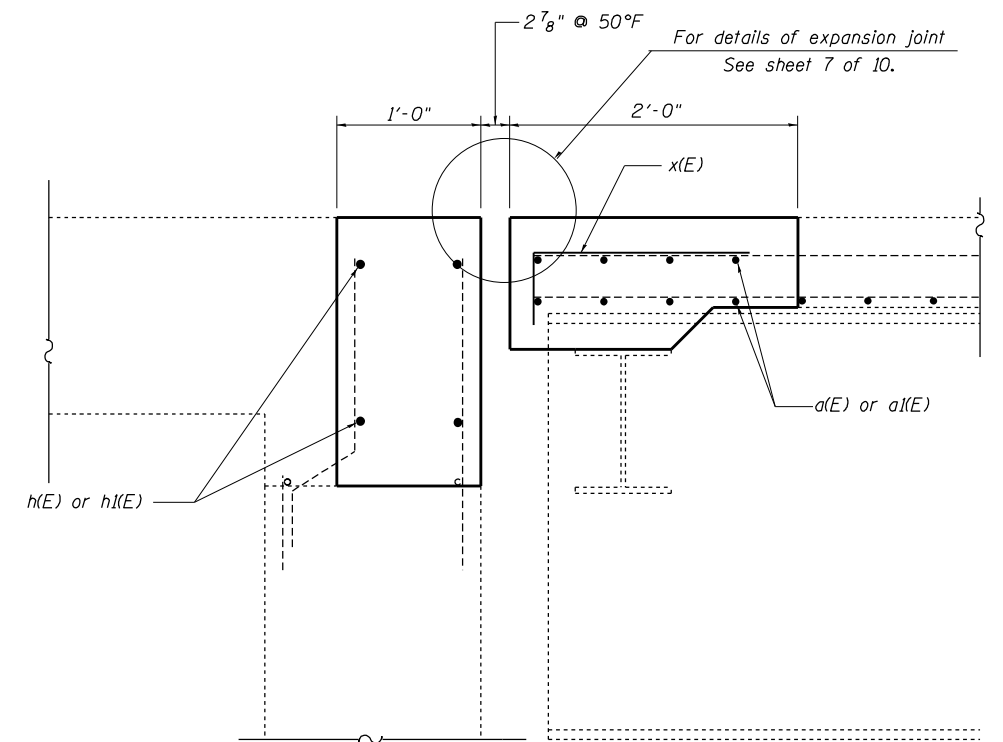
○ Existing Reinforcement
● Proposed Reinforcement



SECTION THRU PARAPET
(Looking South)

** Cut bar in field to fit overhang.

1'-1 1/4" NE Quadrant
±2'-0" SE Quadrant



SECTION E-E
(Dimensions at Rt. L's to end of deck)

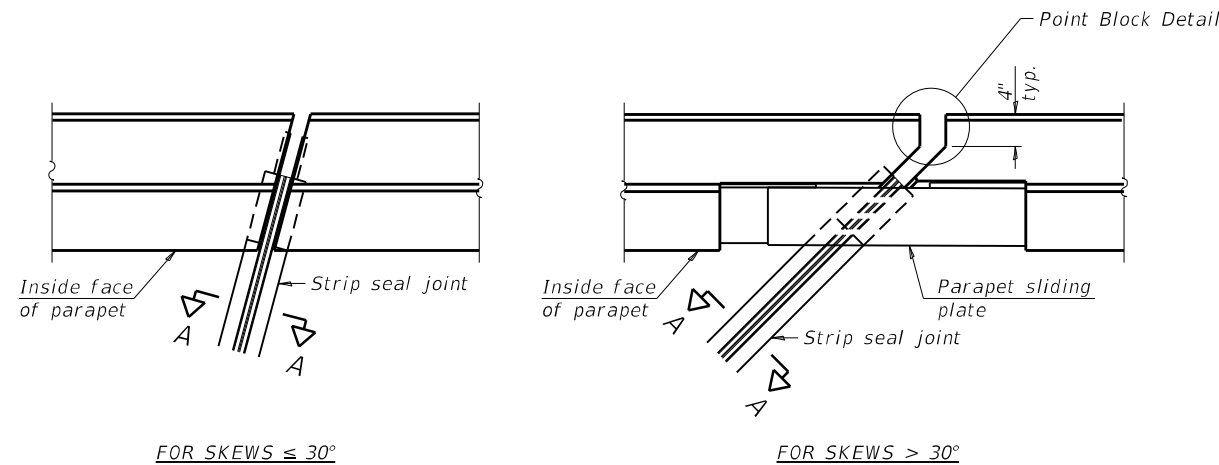
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	PLOT DATE = 1/31/2022	DATE 10/4/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXPANSION JOINT REPLACEMENT DETAILS
STRUCTURE NO. 058-0004**

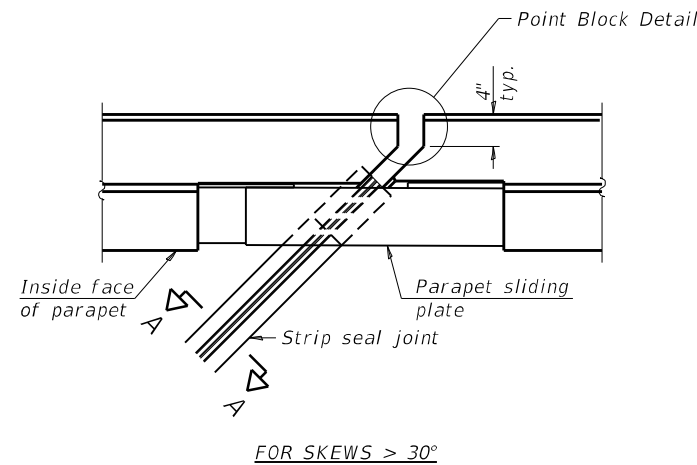
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

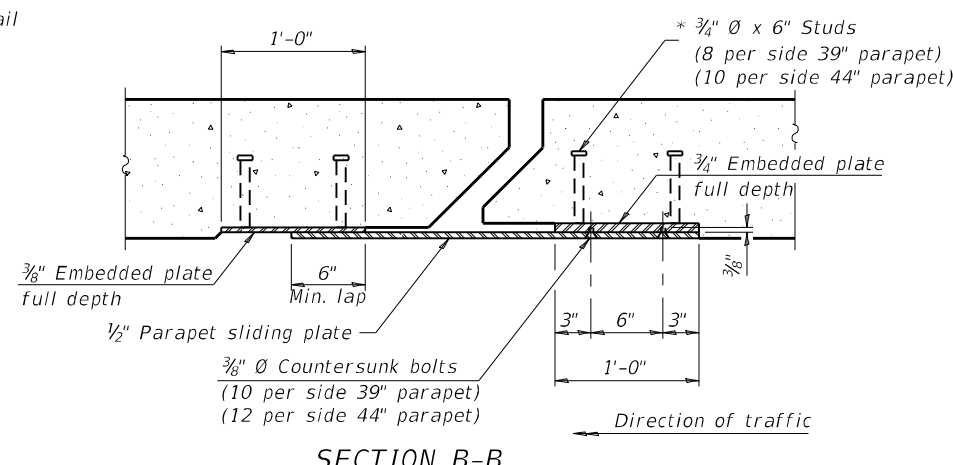


FOR SKEWS $\leq 30^\circ$

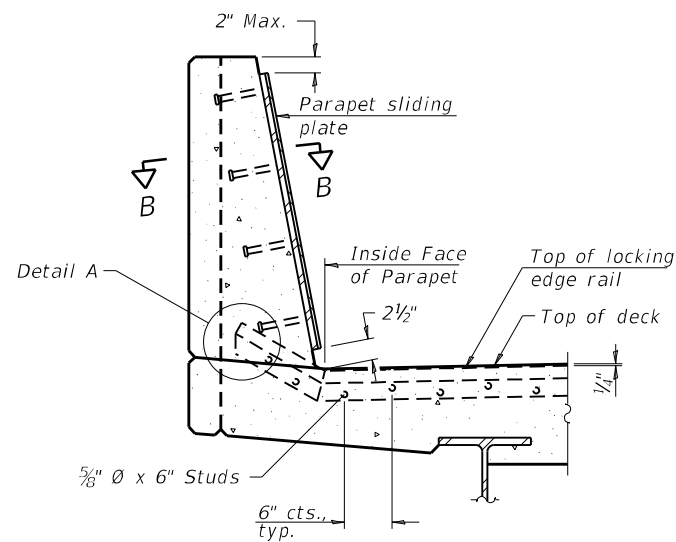
PLAN AT PARAPET



FOR SKEWS $> 30^\circ$

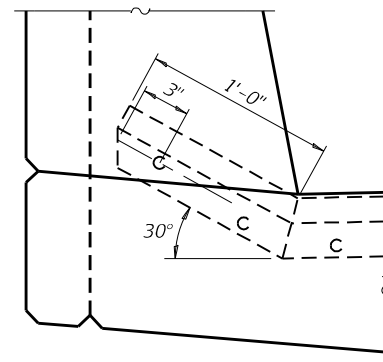


SECTION B-B

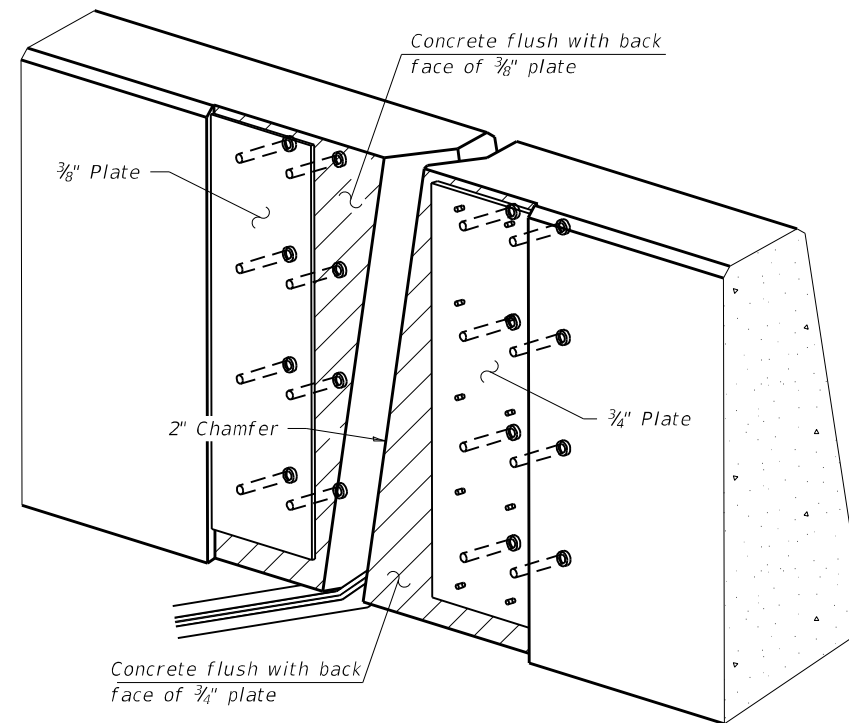


SECTION AT PARAPET

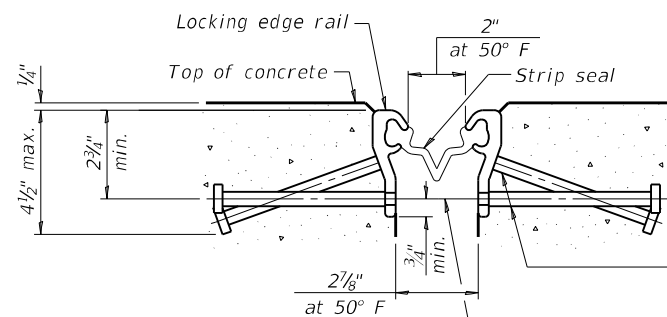
(Skews $> 30^\circ$ shown. Skews $\leq 30^\circ$ similar except as shown in plan view.)



DETAIL A



TRIMETRIC VIEW
(Showing embedded plates only)



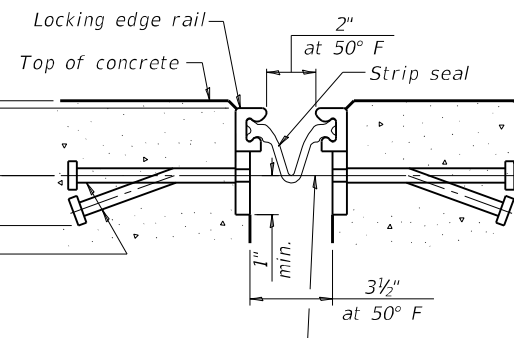
SHOWING ROLLED RAIL JOINT

* $3/8$ " ϕ x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

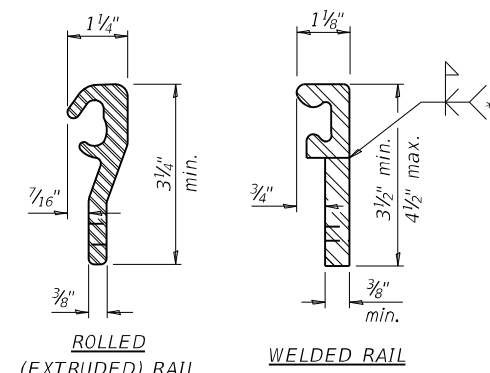
$3/8$ " ϕ threaded rods in $1/16$ " ϕ holes at ± 4 "-0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

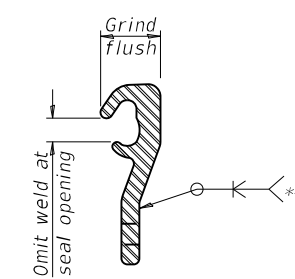


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	114

EJ-SS-S

1-1-2020

(Sheet 1 of 3)

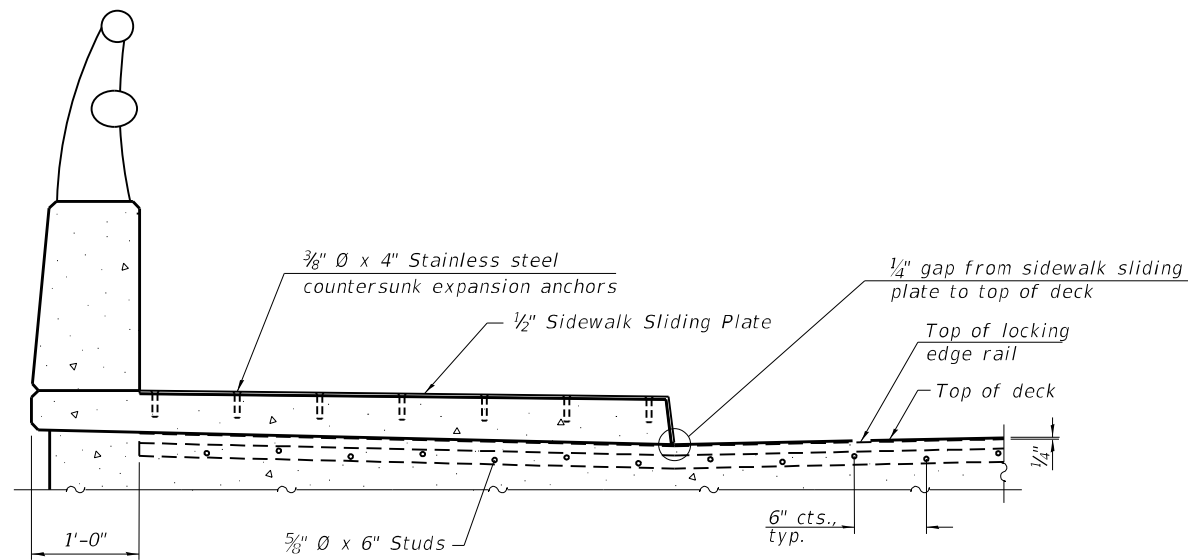
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL - SIDEWALK
STRUCTURE NO. 058-0004

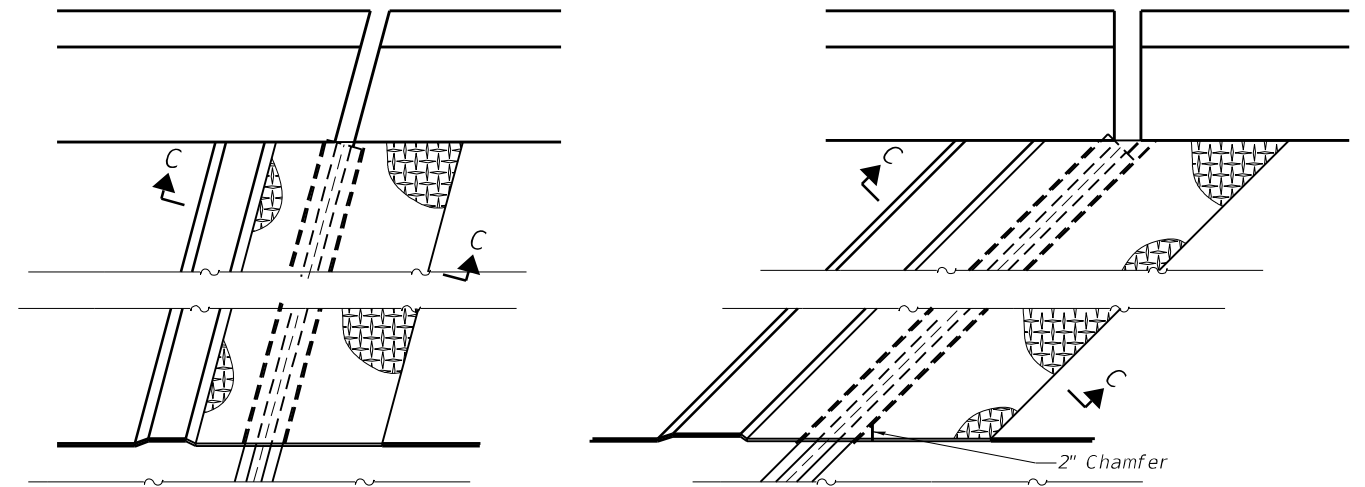
SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

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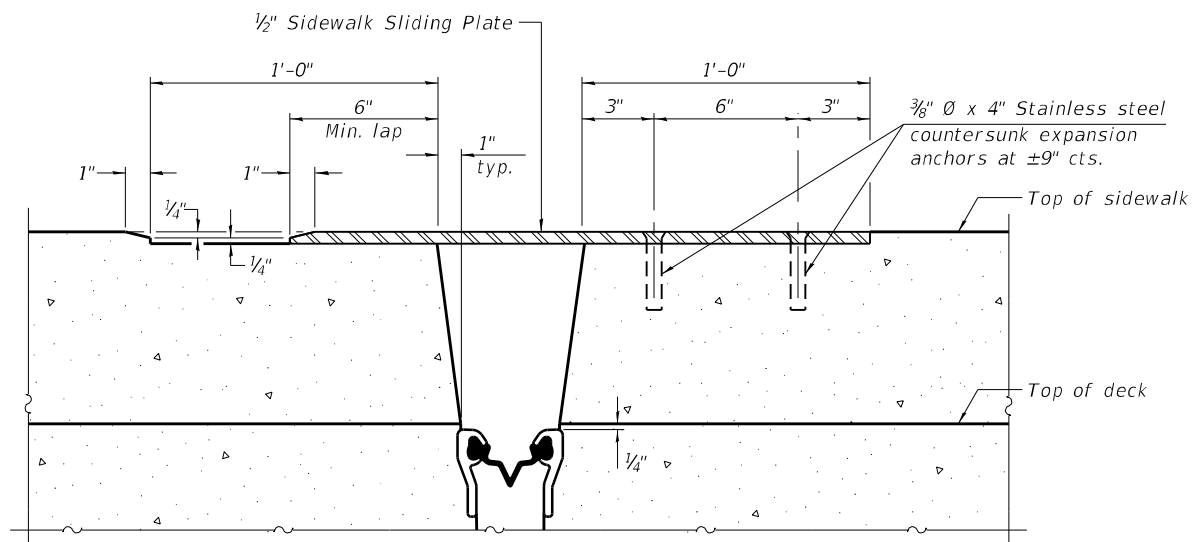
SECTION AT RAISED SIDEWALK



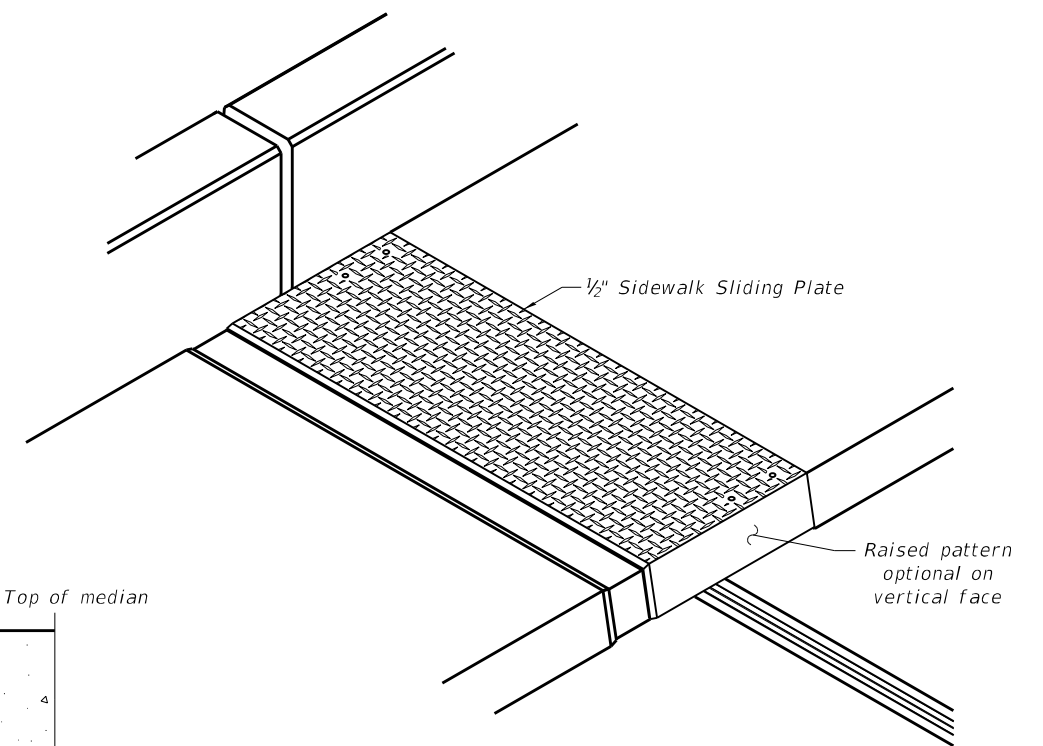
(FOR SKEWS $\leq 30^\circ$)

(FOR SKEWS $> 30^\circ$)

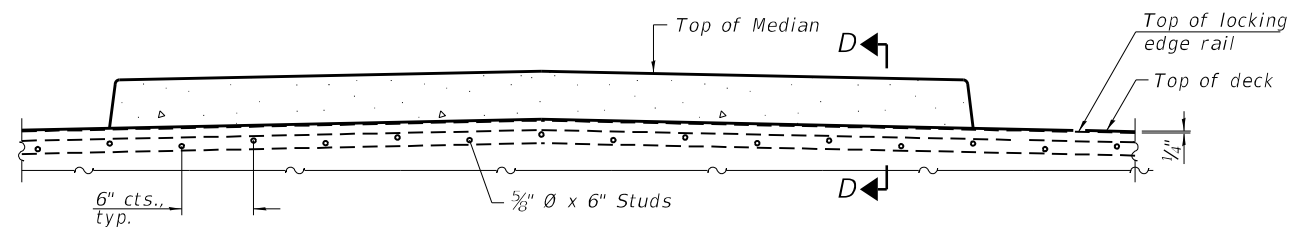
PLAN AT RAISED SIDEWALK



SECTION C-C

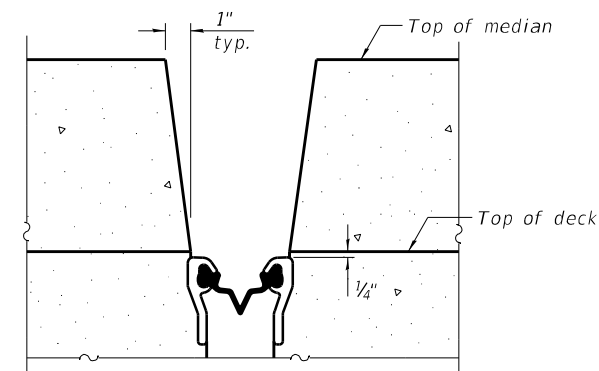


TRIMETRIC VIEW



SECTION AT MEDIAN

For skews $> 30^\circ$, chamfer acute corners 2" similar to sidewalk.



SECTION D-D
(at Rt. L's)

EJ-SS-S

1-1-2020

(Sheet 2 of 3)

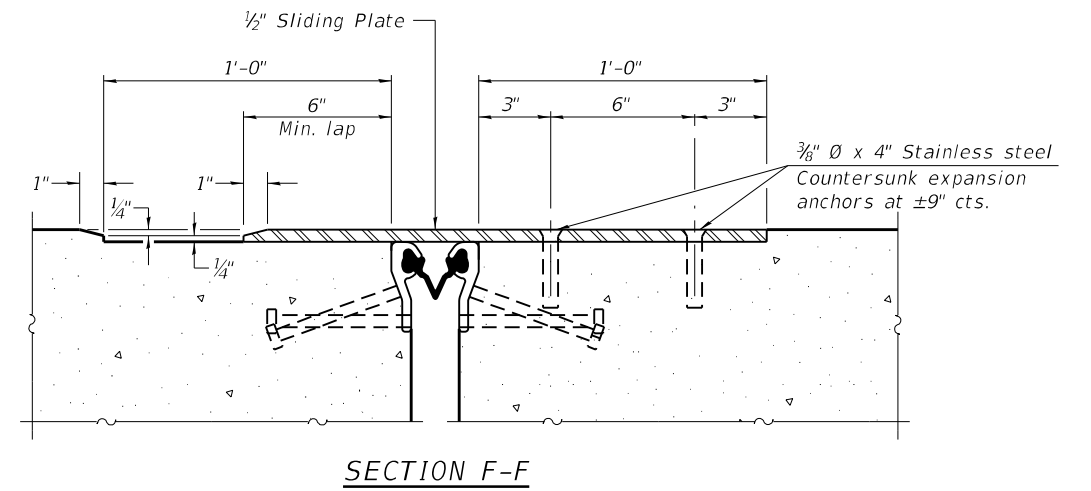
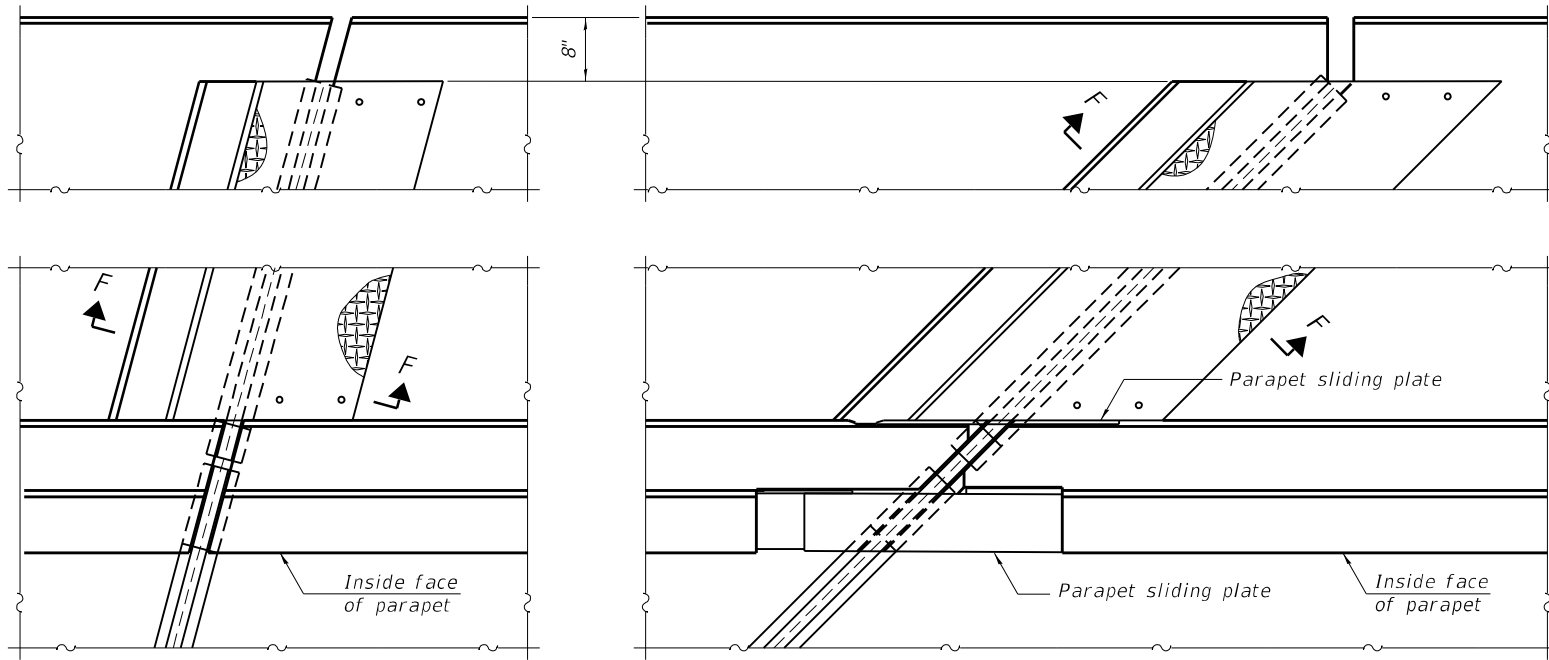
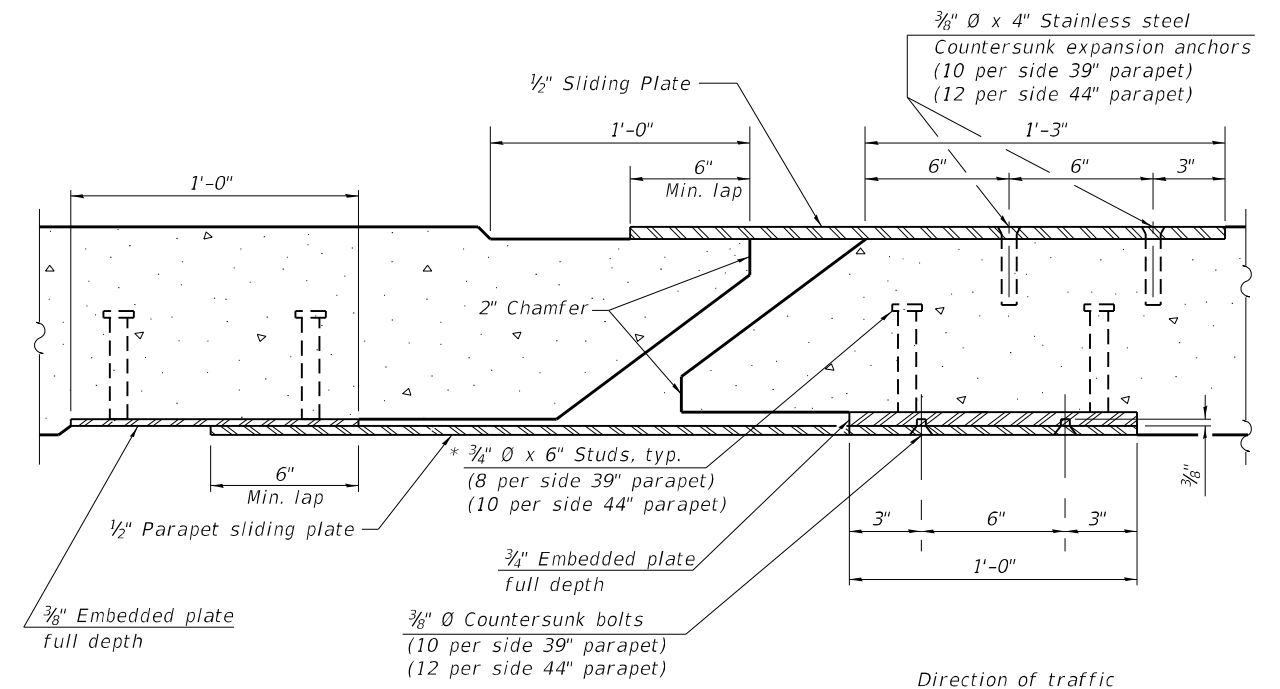
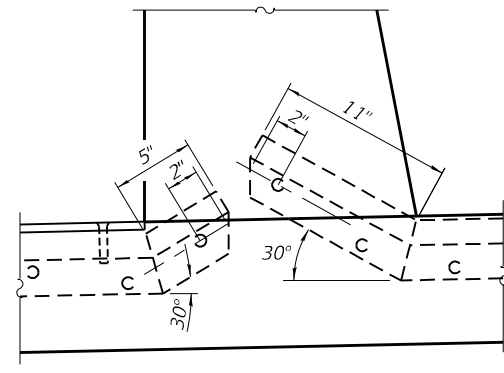
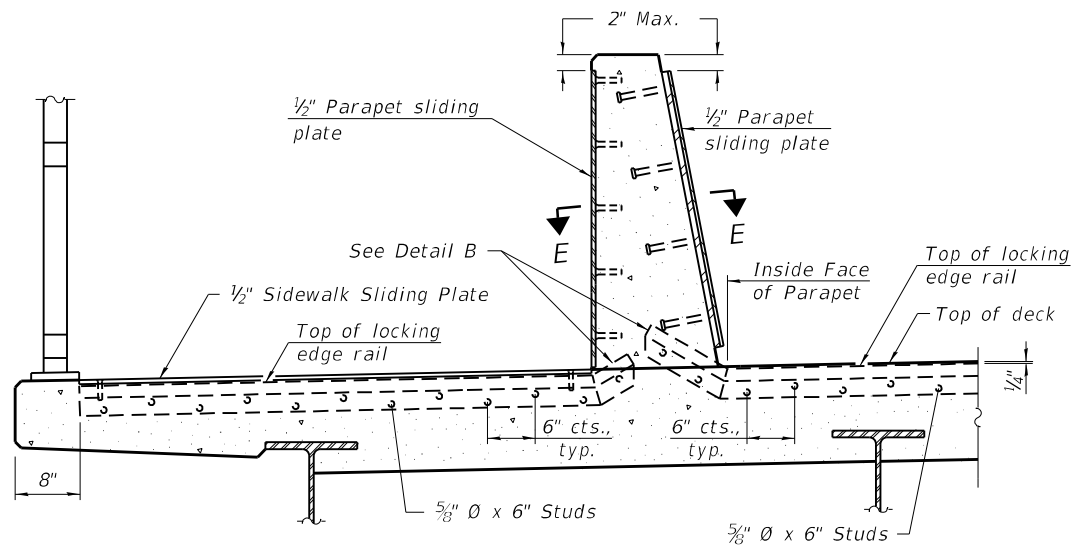
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL - SIDEWALK
STRUCTURE NO. 058-0004

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(48Z2&3, 50Z2&3, 50R)RS-3	MACON	84	62
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

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 PLOT DATE: 5/14/2021
 PROJECT: 74637
 SHEET: 62 OF 84
 CONTRACT: 74637



EJ-SS-S

1-1-2020

(Sheet 3 of 3)

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	DRAWN -	REVISED -
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PLOT DATE = 5/14/2021	DATE -	REVISED -

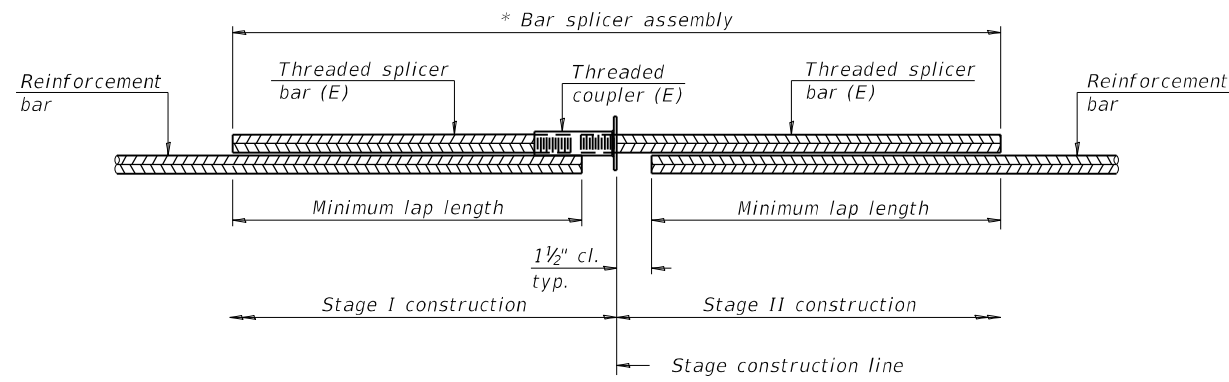
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL - SIDEWALK
STRUCTURE NO. 058-0004

SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(48Z2&3, 50Z2&3, 50R)RS-3	MACON	84	63
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

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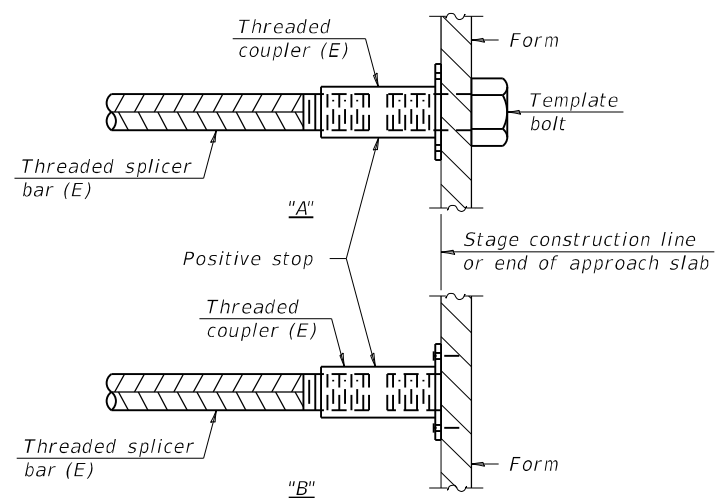


STANDARD BAR SPLICER ASSEMBLY PLAN
 (All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

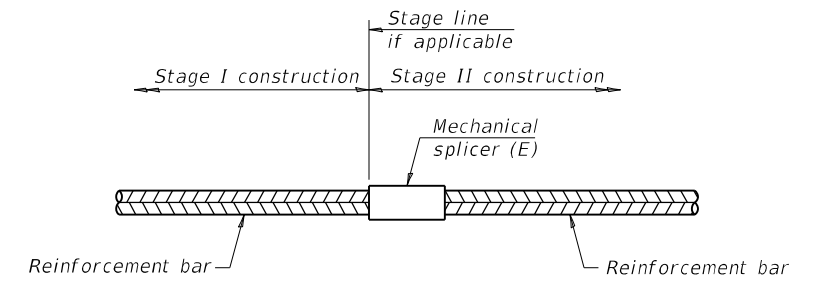
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Deck	#5	16	3'-6"
Approach	#6	8	4'-0"



INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
 "B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
 (E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Notes:
 Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
 All reinforcement shall be lapped and tied to the splicer bars.
 Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
 See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

1-1-2020

MODEL: Default
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 PROJECT: 058-0004
 OFFICE: IDOT
 DATE: 7/3/2021

USER NAME = Default	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - D. Macklin	REVISED -
PLOT DATE = 7/3/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
 STRUCTURE NO. 058-0004**

SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(48Z2&3, 50Z2&3, 50R)RS-3	MACON	84	64
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74637	

The existing three span continuous steel multi-beam structure was constructed in 1965 as S.B.I. 2 (F.A. Route 710), Section 50BR. The reinforced concrete deck was removed and replaced in 1998. S.N. 058-0015 carries Northbound Business Route 51 (Main St.) over Spring Creek. The proposed project consists of new expansion joints at the abutments.



GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Reinforcement Bars designated (E) shall be epoxy coated.

Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal operations shall be replaced using an approved bar splicer or anchorage system. Cost included with CONCRETE REMOVAL.

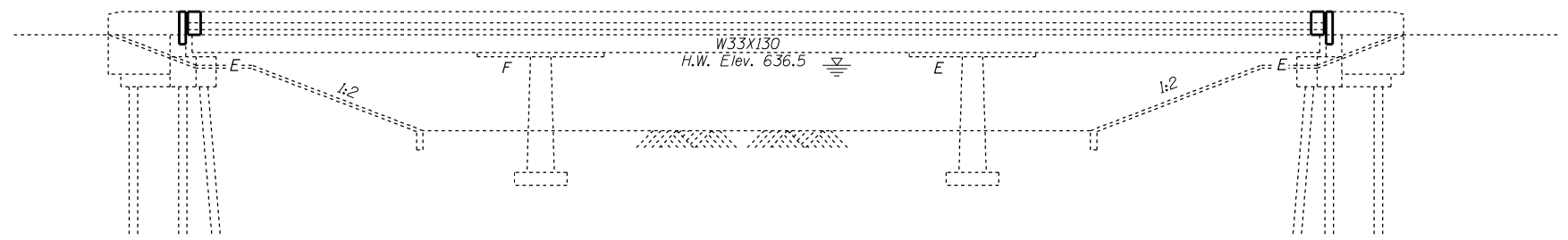
Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

Removal and reinstallation of the aluminum hand rail will be necessary for construction of the expansion joints. The existing rail sections shall be reused. All embedded anchors that are within the concrete removal area shall be replaced with new rail post anchors as shown in included details. This work and all materials shall be included in the contract unit price for CONCRETE SUPERSTRUCTURE.

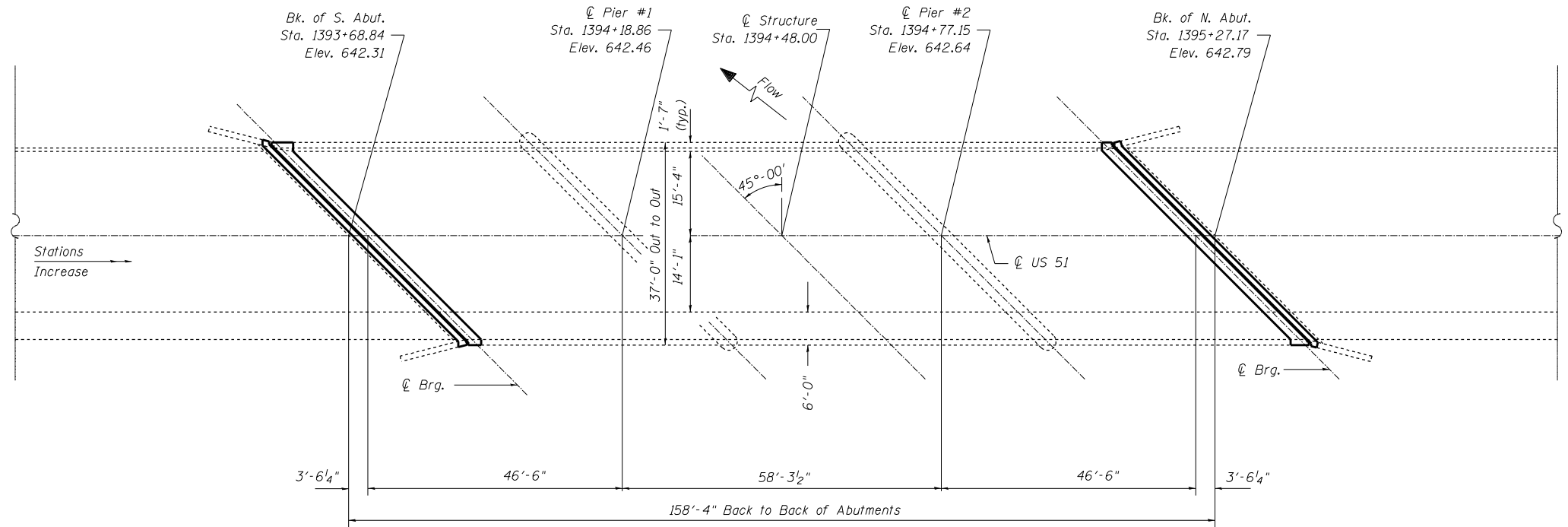
Prior to pouring the new concrete deck, all heavy and loose rust, loose mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included in CONCRETE REMOVAL.

Protective Coat to be applied to areas of new concrete only.

The new deck surface adjacent to the joint shall have its final finish tined according to Article 420.09(e)(1) of the Standard Specifications. Cost to be included with Concrete Superstructure.



ELEVATION



PLAN



Expires 11-30-2022

David Carl Puzey

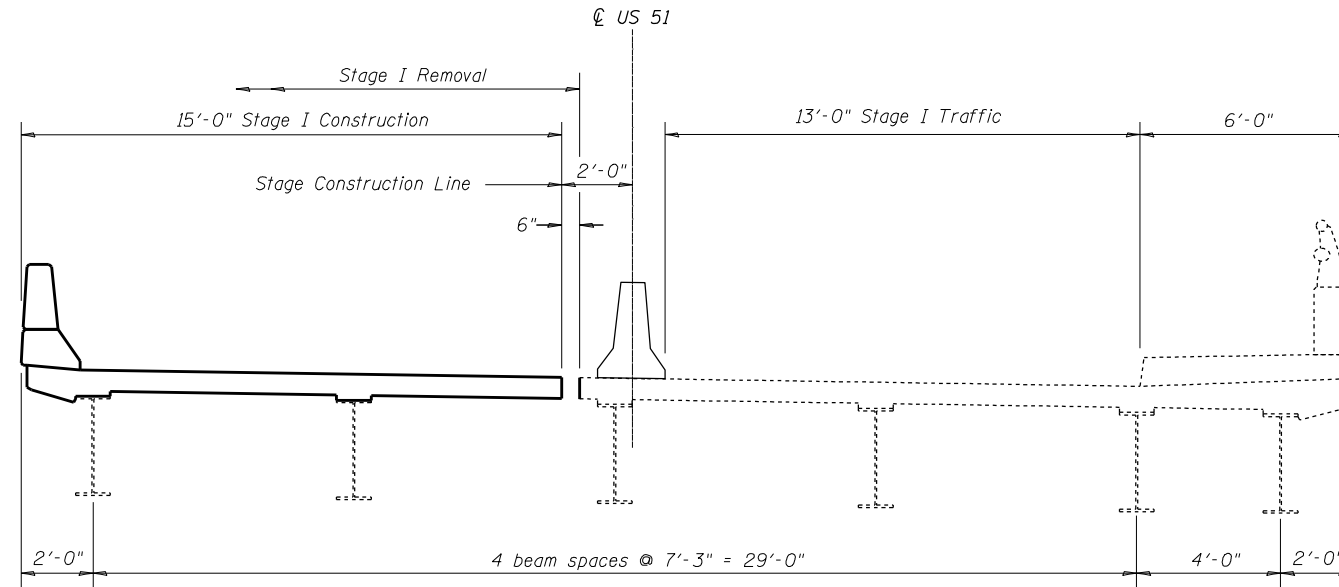
01/31/2022

FILE NAME =	USER NAME = steffemk	DESIGNED - S. Kassel	REVISED - DPM 9/19/2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION STRUCTURE NO. 058-0015			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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					ILLINOIS FED. AID PROJECT									

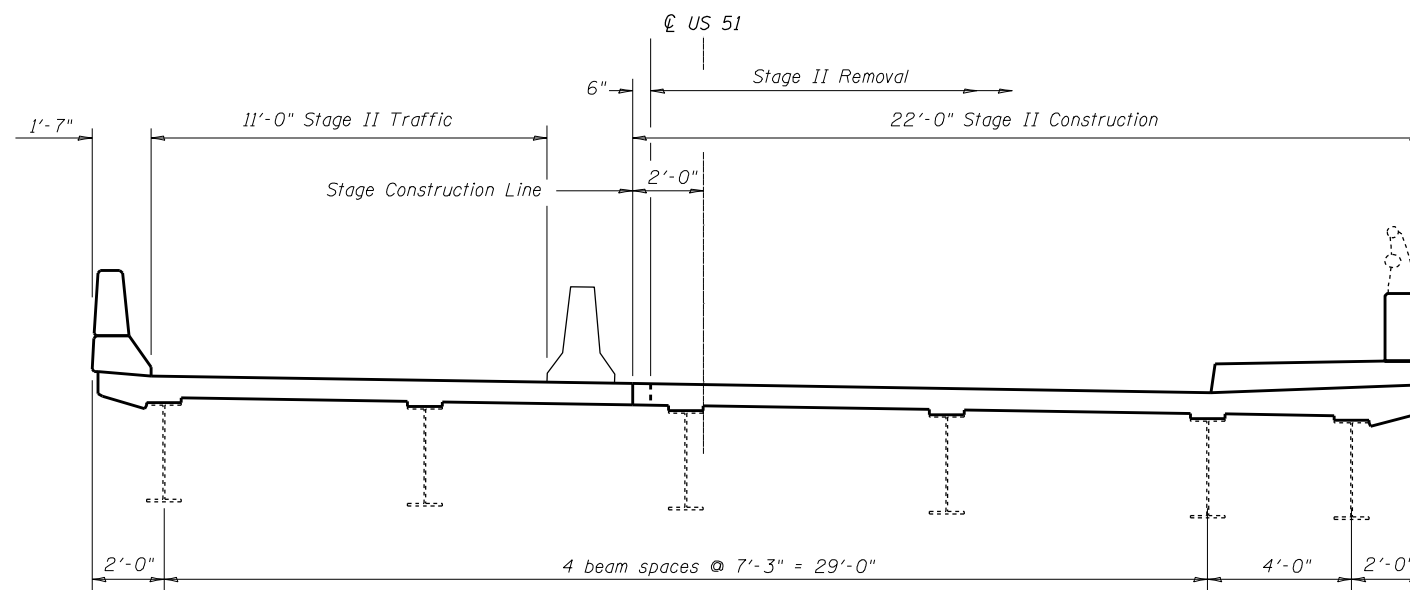
TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
Concrete Removal	Cu. Yd.	16.0
Concrete Superstructure	Cu. Yd.	16.0
Reinforcement Bars, Epoxy Coated	Pound	1900
Bar Splicers	Each	24
Preformed Joint Strip Seal	Foot	102
* Protective Coat	Sq Yd	43

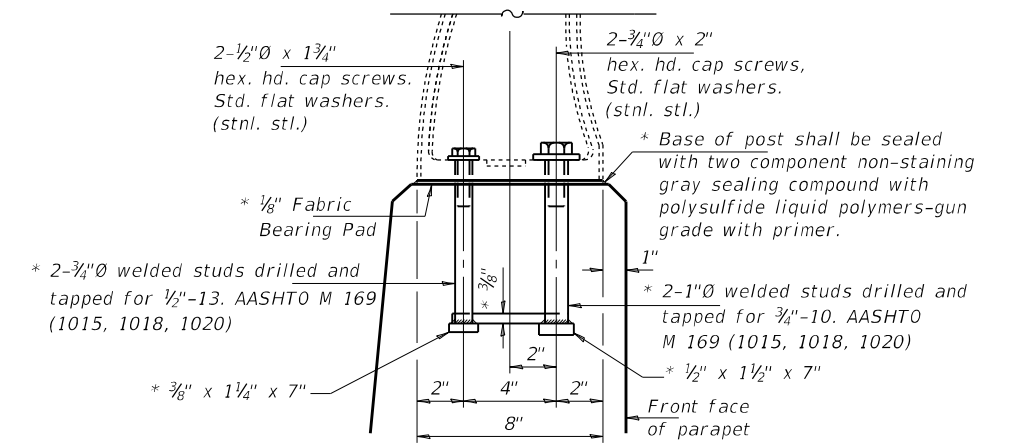
*New concrete areas only.



STAGE I
(Looking North)

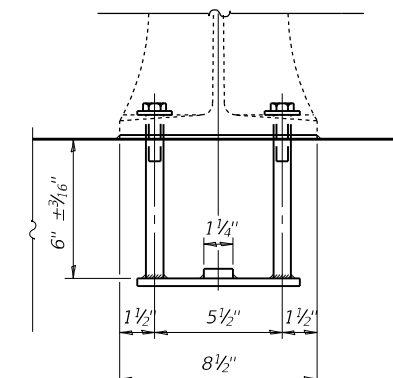


STAGE II
(Looking North)



RAIL POST DETAILS

* New Rail Post anchorage devices will be required at each location where posts are connected to new construction. Cost included with Concrete Superstructure.



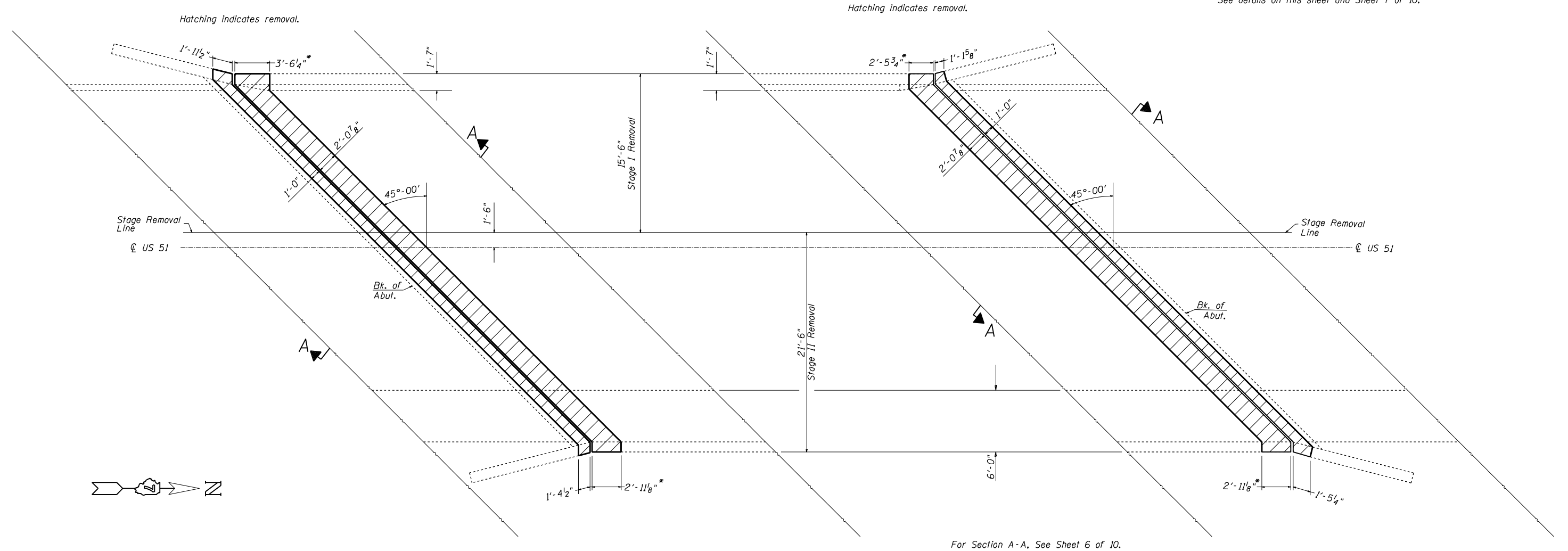
ELEVATION AT RAIL POST

BILL OF MATERIAL

(Both Expansion Joints)

ITEM	SOUTH (CU YD)	NORTH (CU YD)	TOTAL (CU YD)
CONCRETE REMOVAL	8.1	7.9	16.0

* Configurations of joint openings at parapets differ considerably from existing to proposed conditions due to different joint types. See details on this sheet and Sheet 7 of 10.



PARTIAL REMOVAL PLAN
(South Abutment)

PARTIAL REMOVAL PLAN
(North Abutment)

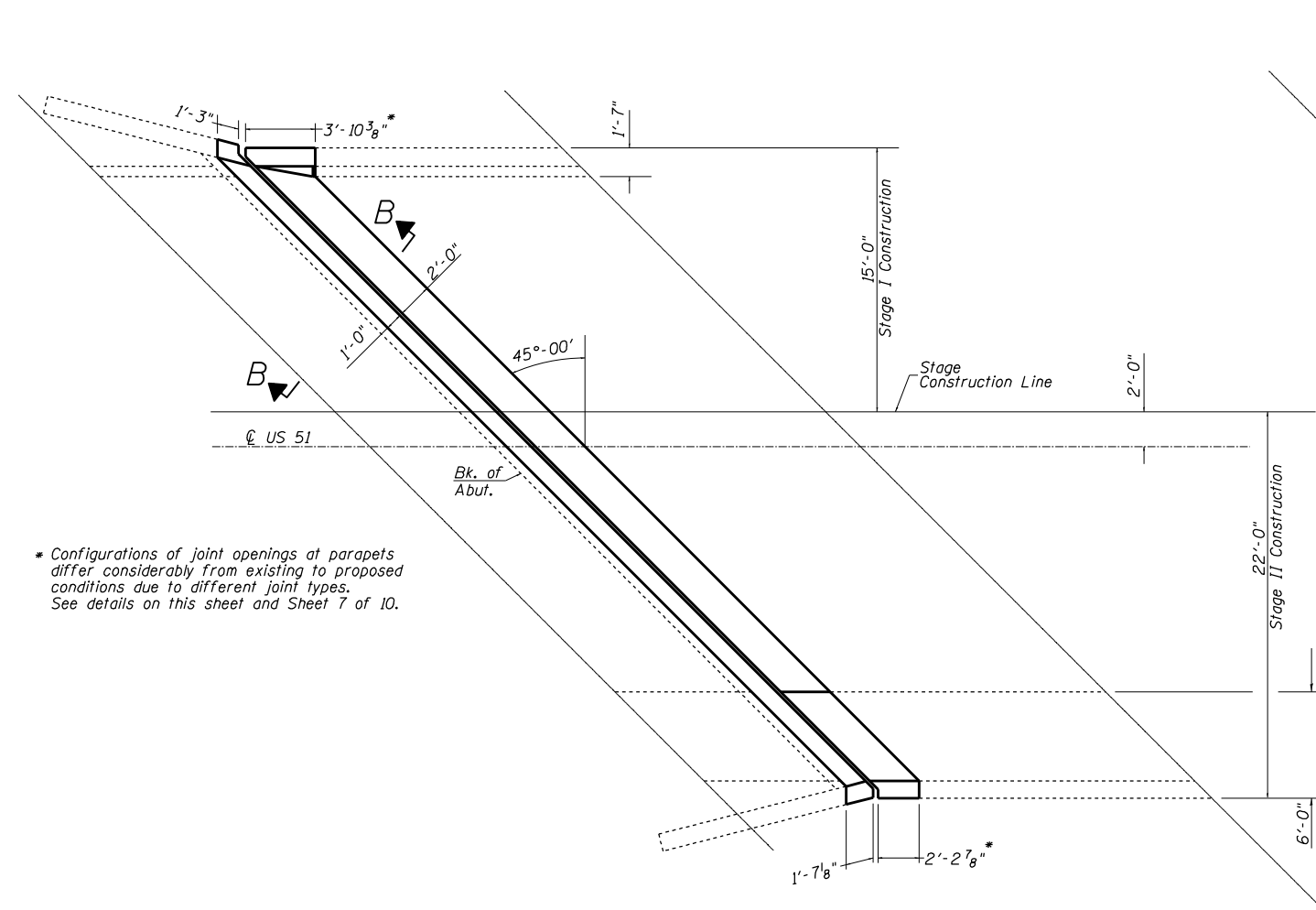
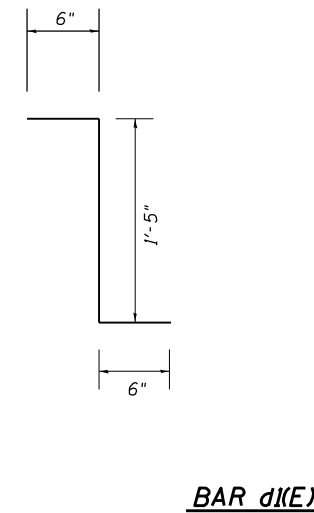
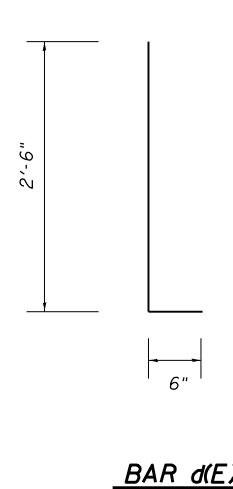
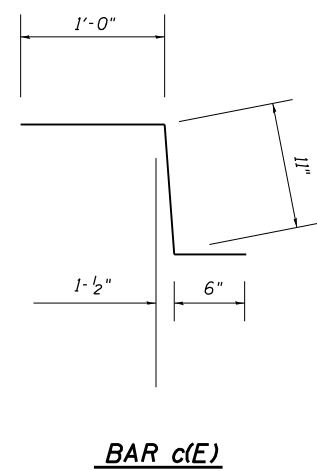
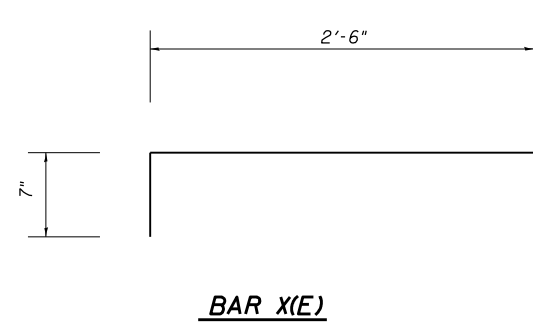
For Section A-A, See Sheet 6 of 10.

FILE NAME =	USER NAME = Default	DESIGNED - S. Kassel	REVISED - DPM 9/19/2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXPANSION JOINT REMOVAL DETAILS STRUCTURE NO. 058-0015	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 7/1/2021	DATE - 09/12/2017	REVISED -			ILLINOIS FED. AID PROJECT					

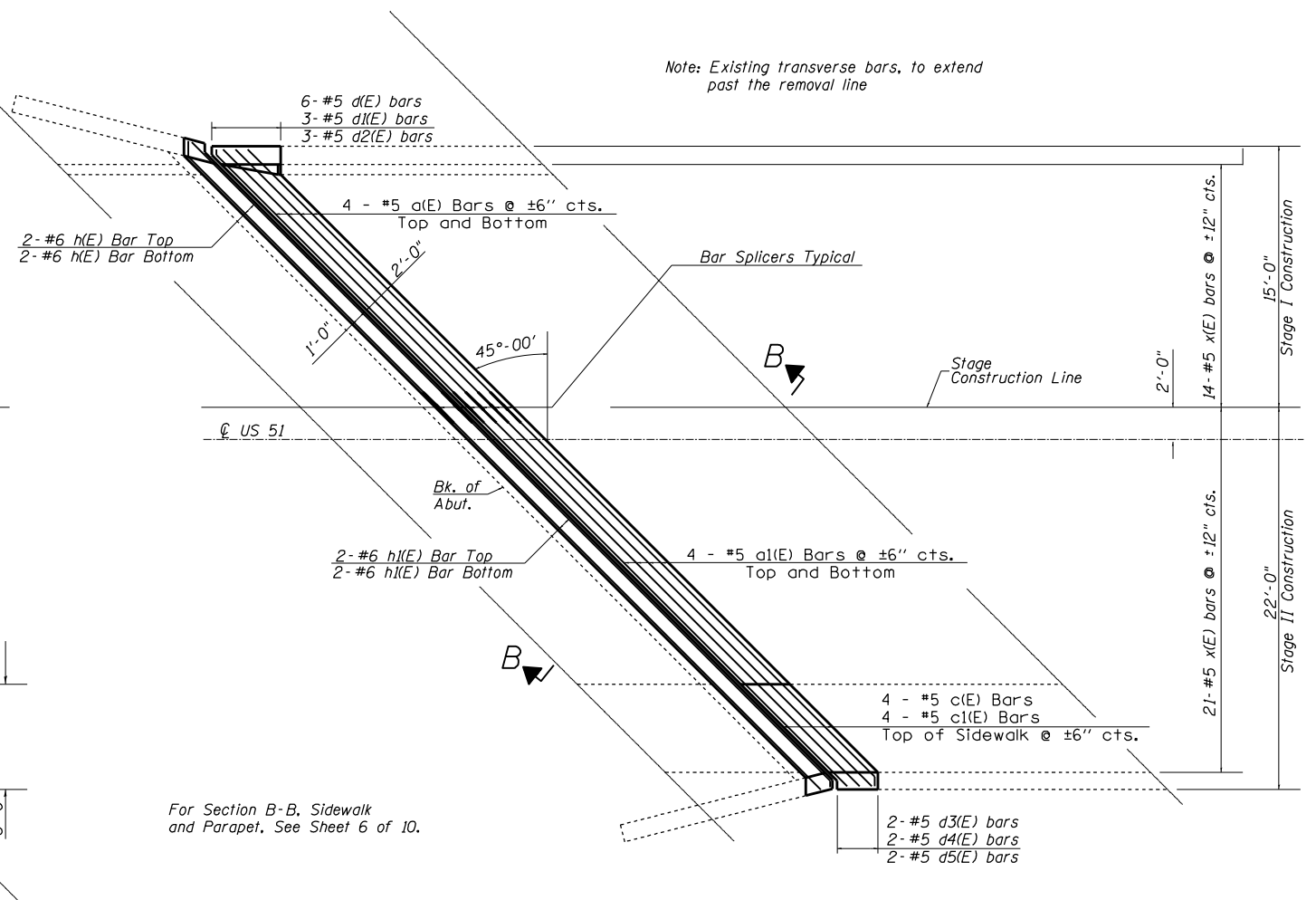
BILL OF MATERIAL

(south expansion joint)

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE
	STAGE I	STAGE II				
d(E)	8	0	8	#5	20'-10"	—
d1(E)	0	8	8	#5	30'-8"	—
c(E)	0	4	4	#5	2'-5"	└
c1(E)	0	4	4	#5	8'-1"	—
d(E)	6	0	6	#5	3'-0"	└
d1(E)	3	0	3	#5	2'-5"	└
d2(E)	3	0	3	#5	3'-1"	└
d3(E)	0	2	2	#5	4'-0"	└
d4(E)	0	2	2	#5	3'-8"	└
d5(E)	0	2	2	#5	2'-0"	└
h(E)	4	0	4	#6	20'-10"	—
h1(E)	0	4	4	#6	30'-8"	—
x(E)	14	21	35	#5	3'-1"	└
REINFORCEMENT BARS (EPOXY COATED)					POUND	950
CONCRETE SUPERSTRUCTURE					CU YD	8.1



PROPOSED PARTIAL PLAN
(South Abutment)



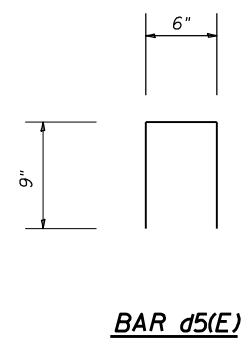
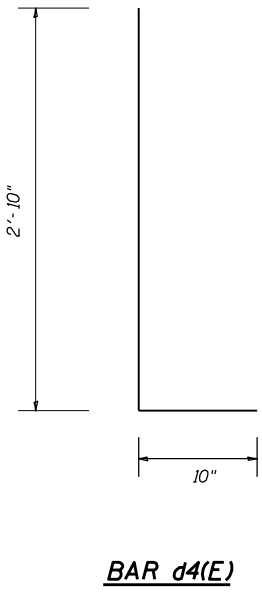
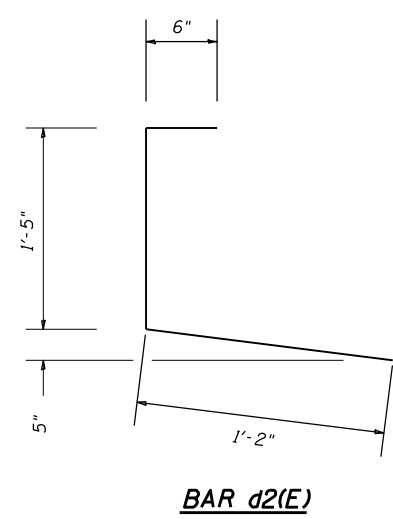
PARTIAL REINFORCEMENT PLAN
(South Abutment)

Note: Existing transverse bars, to extend past the removal line

* Configurations of joint openings at parapets differ considerably from existing to proposed conditions due to different joint types. See details on this sheet and Sheet 7 of 10.

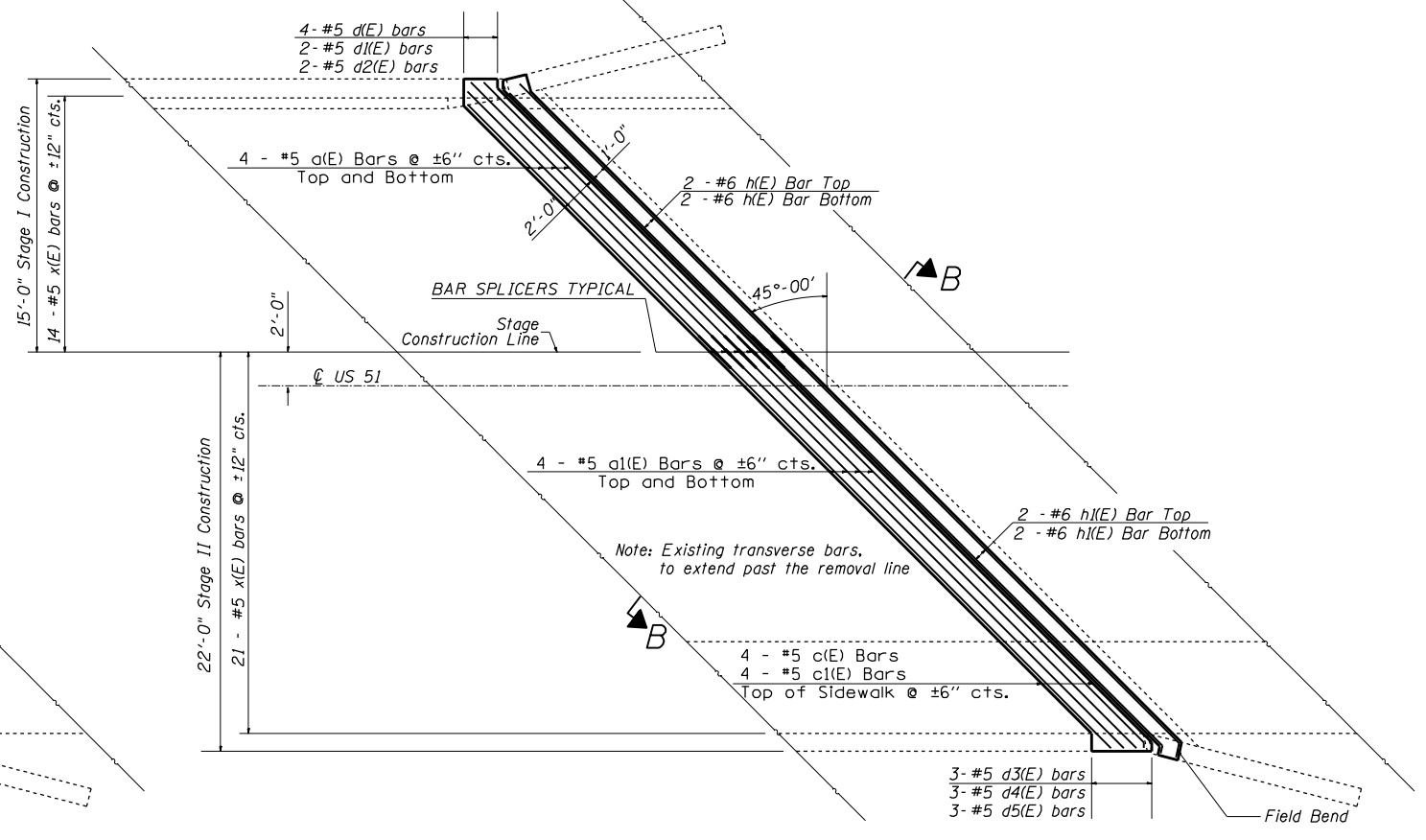
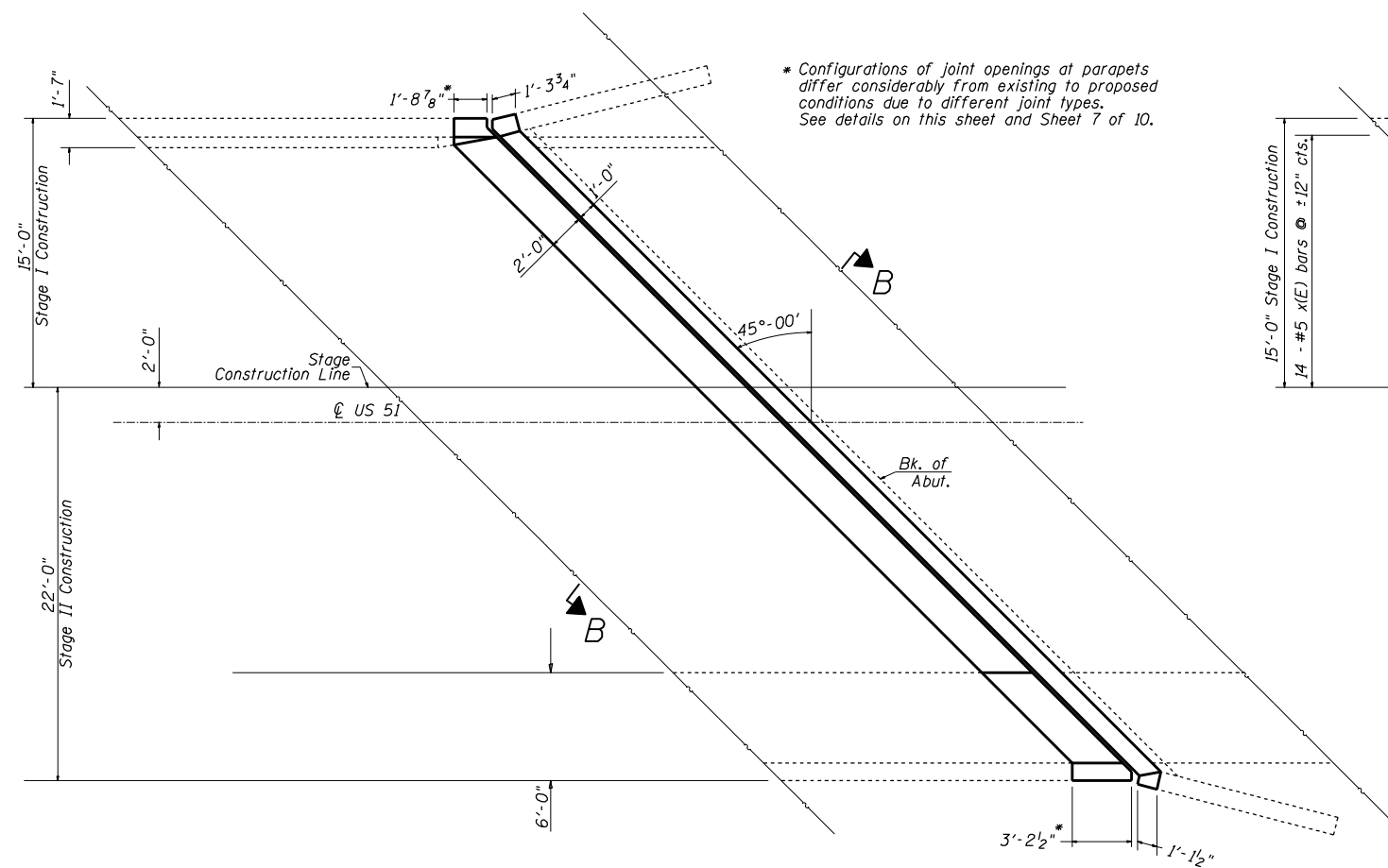
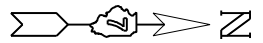
For Section B-B, Sidewalk and Parapet. See Sheet 6 of 10.





BILL OF MATERIAL
(north expansion joint)

BAR	NUMBER OF BARS		TOTAL	SIZE	LENGTH	SHAPE
	STAGE I	STAGE II				
a(E)	8	0	8	#5	20'-10"	—
a1(E)	0	8	8	#5	30'-8"	—
c(E)	0	4	4	#5	2'-5"	└
c1(E)	0	4	4	#5	8'-1"	—
d(E)	4	0	4	#5	3'-0"	└
d1(E)	2	0	2	#5	2'-5"	└
d2(E)	2	0	2	#5	3'-1"	└
d3(E)	0	3	3	#5	4'-0"	└
d4(E)	0	3	3	#5	3'-8"	└
d5(E)	0	3	3	#5	2'-0"	└
h(E)	4	0	4	#6	20'-10"	—
h1(E)	0	4	4	#6	30'-8"	—
x(E)	14	21	35	#5	3'-1"	└
REINFORCEMENT BARS (EPOXY COATED)					POUND	950
CONCRETE SUPERSTRUCTURE					CU YD	7.9



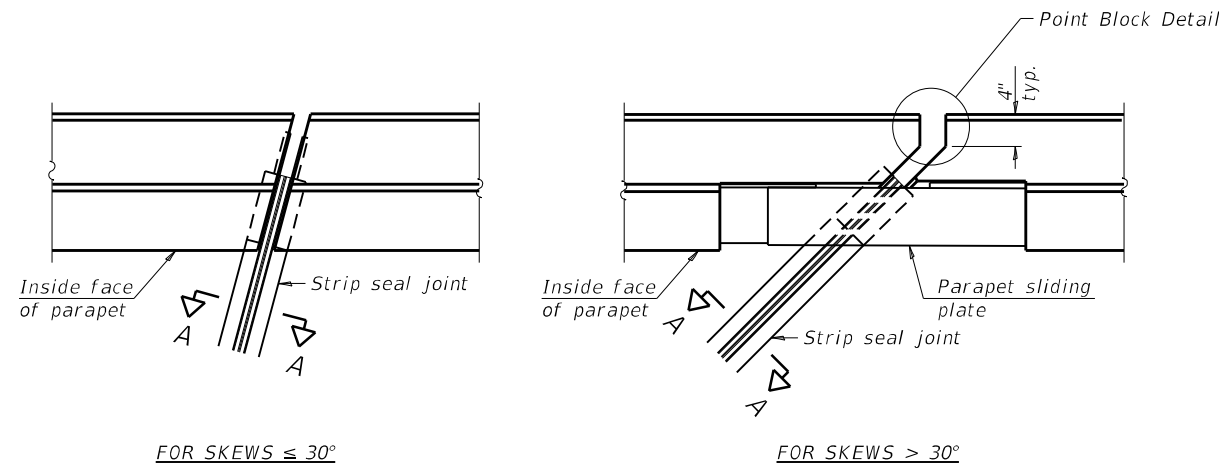
For Section B-B, Sidewalk and Parapet, See Sheet 6 of 10.

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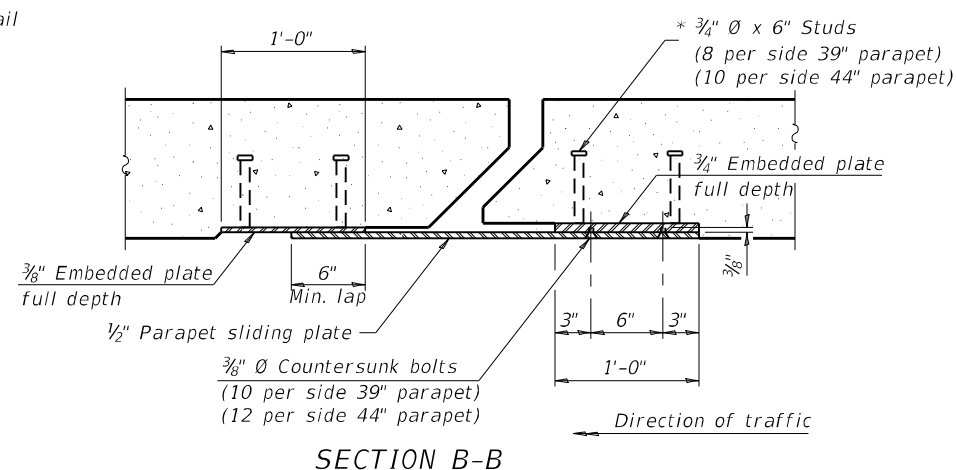
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH EXPANSION JOINT REPLACEMENT DETAILS			
STRUCTURE NO. 058-0015			
SCALE:	SHEET 5	OF 10 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74637			ILLINOIS FED. AID PROJECT	

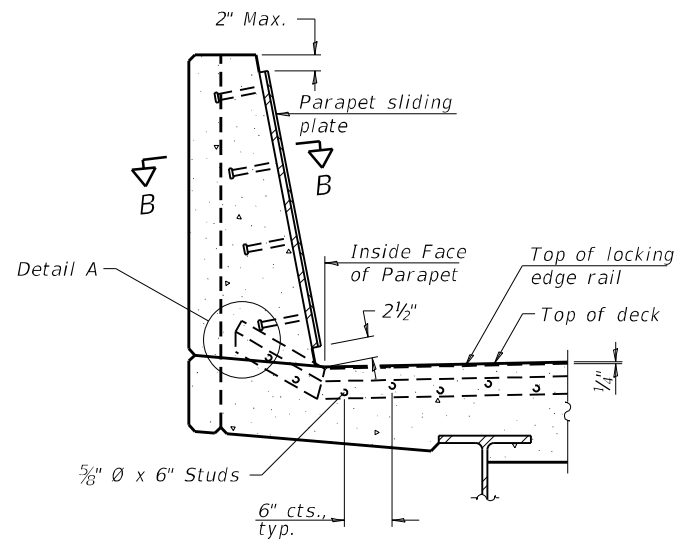


PLAN AT PARAPET



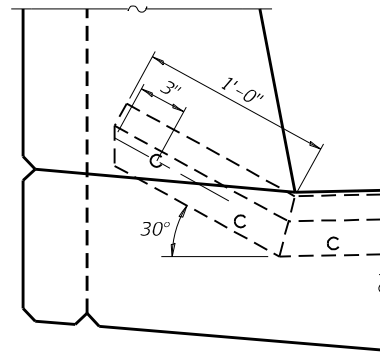
SECTION B-B

Notes:
 The strip seal shall be made continuous and shall have a minimum thickness of 1/4". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.
 The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4 1/2" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.
 The manufacturer's recommended installation methods shall be followed.
 All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.
 The Maximum space between locking edge rail segments shall be 3/16" and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.
 The top surface of sidewalk sliding plates shall have a raised pattern according to ASTM A786.
 Cost of parapet sliding plates, sidewalk sliding plates, embedded plates, anchorage studs, and expansion anchors included with Preformed Joint Strip Seal.
 39" constant slope barrier shown, 44" constant slope barrier similar as noted.
 The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

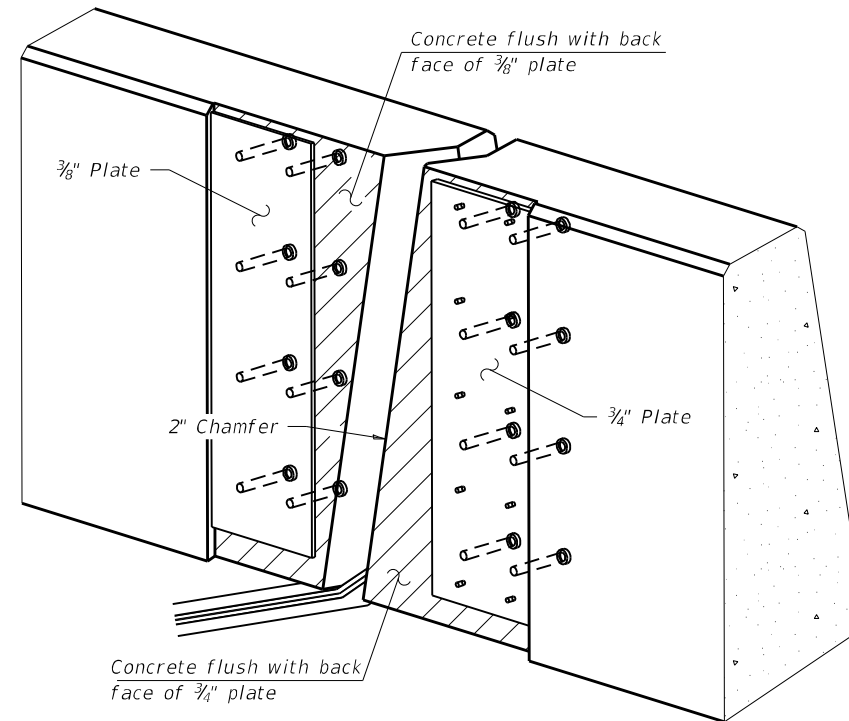


SECTION AT PARAPET

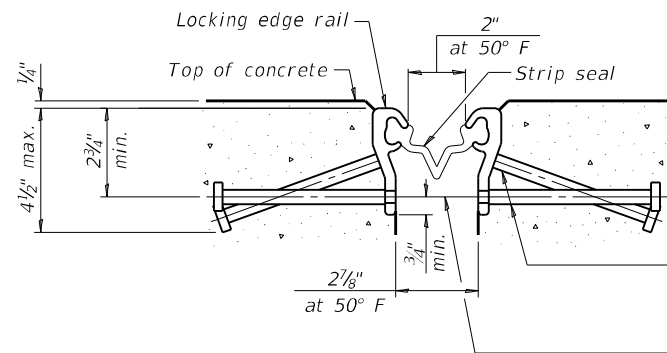
(Skews $> 30^\circ$ shown. Skews $\leq 30^\circ$ similar except as shown in plan view.)



DETAIL A



TRIMETRIC VIEW
(Showing embedded plates only)



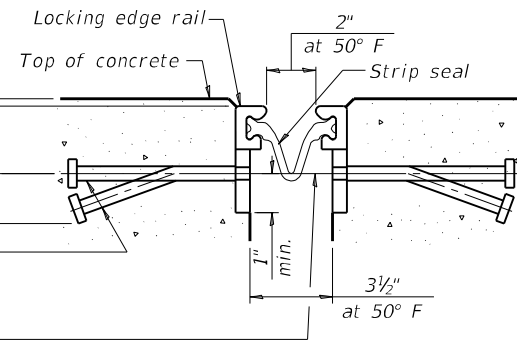
SHOWING ROLLED RAIL JOINT

* 3/8" \emptyset x 6" studs @ 6" cts. (alternate angled/bent studs with horizontal studs)

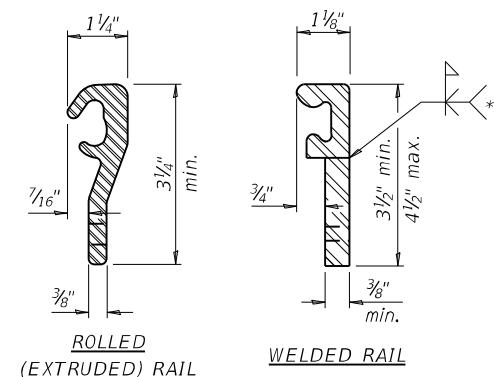
3/8" ϕ threaded rods in 1/16" ϕ holes at ± 4 -0" cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.

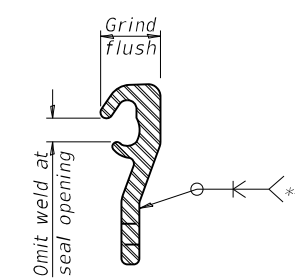


SHOWING WELDED RAIL JOINT



LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



LOCKING EDGE RAIL SPLICE

The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

Item	Unit	Total
Preformed Joint Strip Seal	Foot	102

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1-1-2020

(Sheet 1 of 3)

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

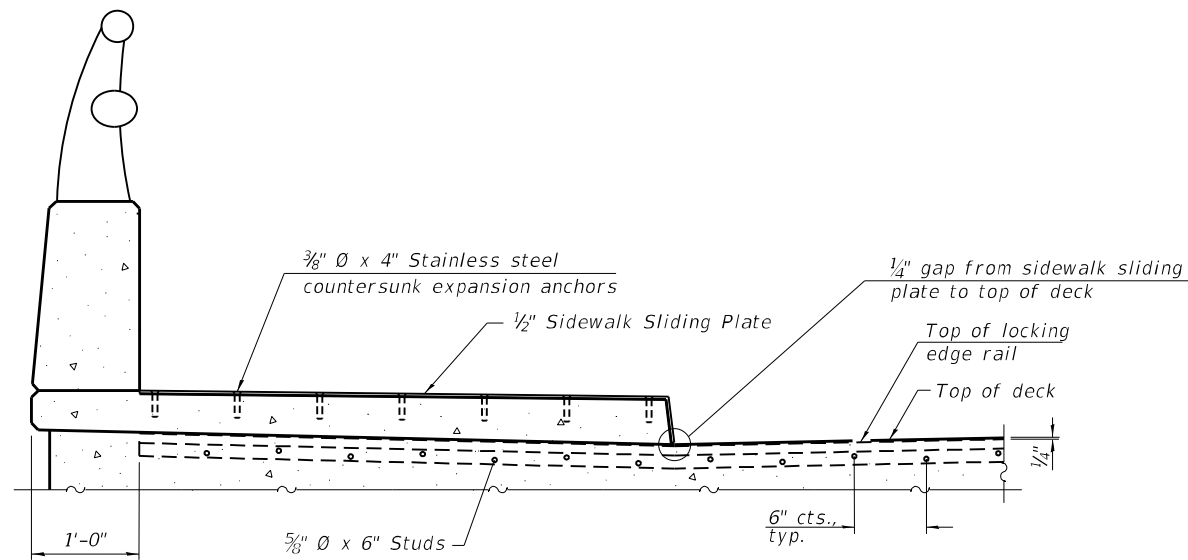
**PREFORMED JOINT STRIP SEAL - SIDEWALK
STRUCTURE NO. 058-0015**

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PLOT DATE = 7/31/2021	CHECKED - D. Macklin	REVISED -
	DATE -	REVISED -

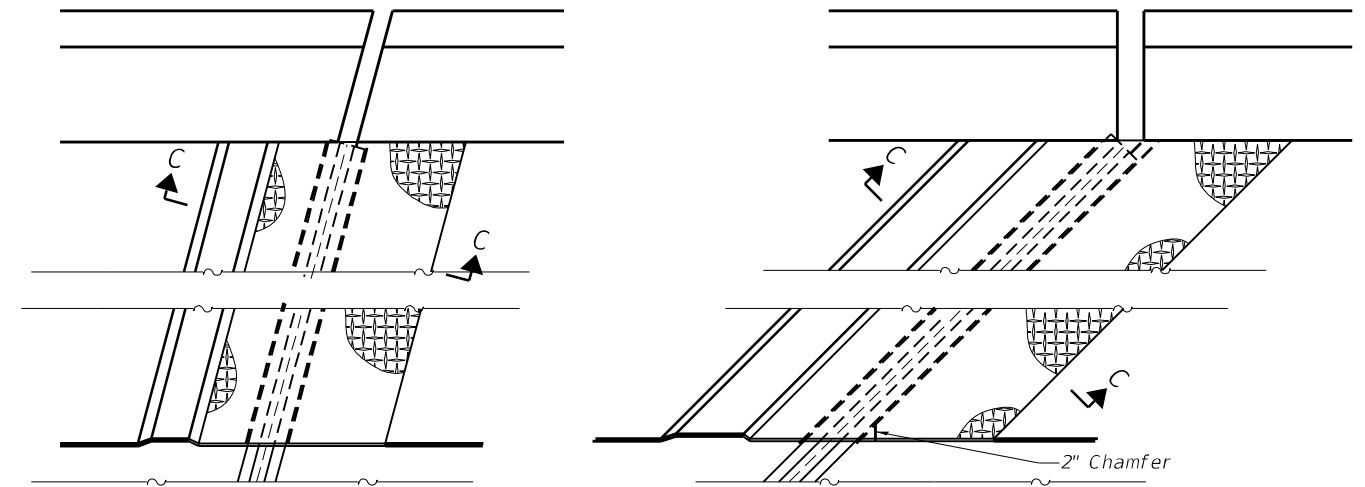
SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(48Z2&3, 50Z2&3, 50R)RS-3	MACON	84	71
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

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 OFFICE: DISTRICT: 7
 CADD: DATA STRUCTURE: 074637_058-0015 Bridge Repair.dgn



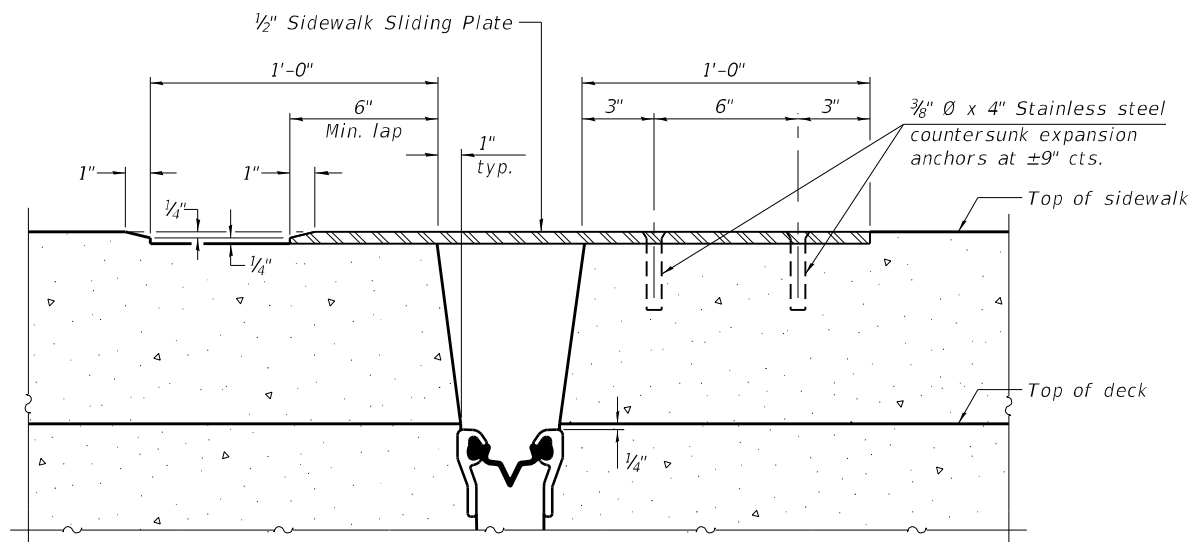
SECTION AT RAISED SIDEWALK



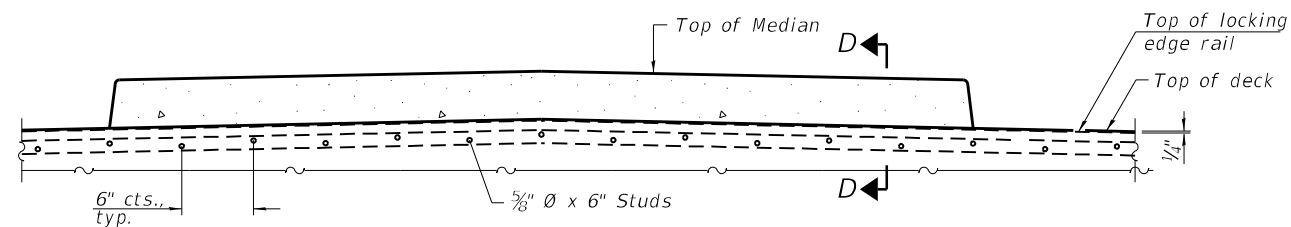
(FOR SKEWS $\leq 30^\circ$)

(FOR SKEWS $> 30^\circ$)

PLAN AT RAISED SIDEWALK

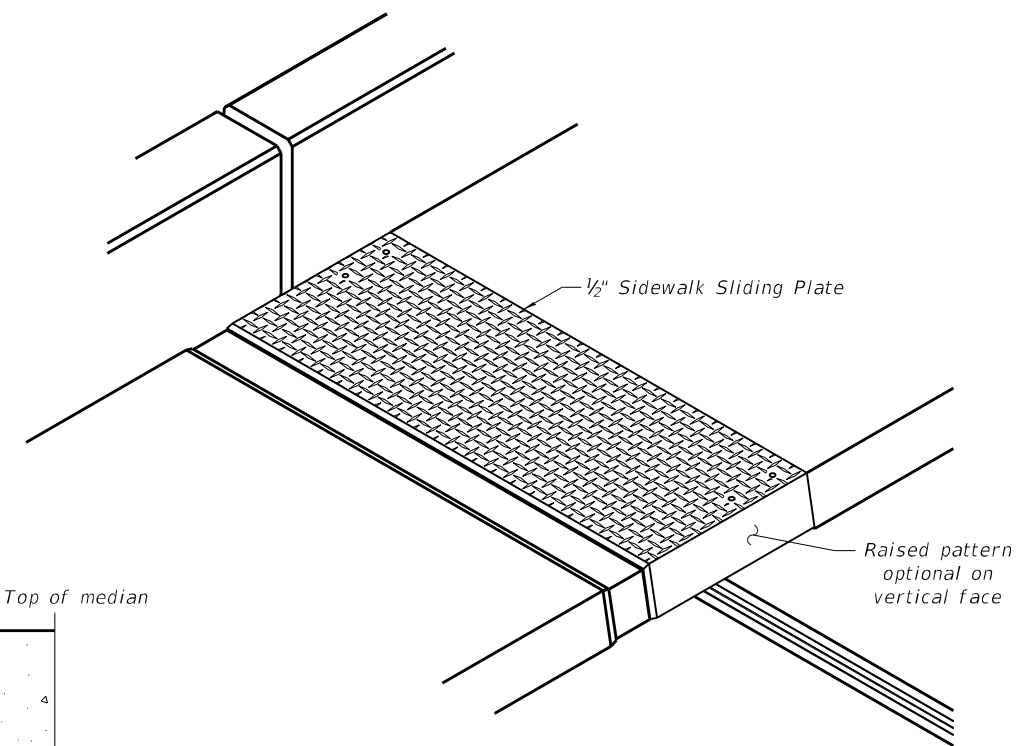


SECTION C-C

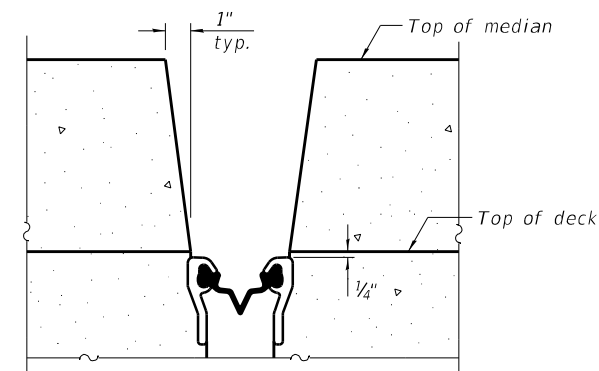


SECTION AT MEDIAN

For skews $> 30^\circ$, chamfer acute corners 2" similar to sidewalk.



TRIMETRIC VIEW



SECTION D-D
(at Rt. L's)

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1-1-2020

(Sheet 2 of 3)

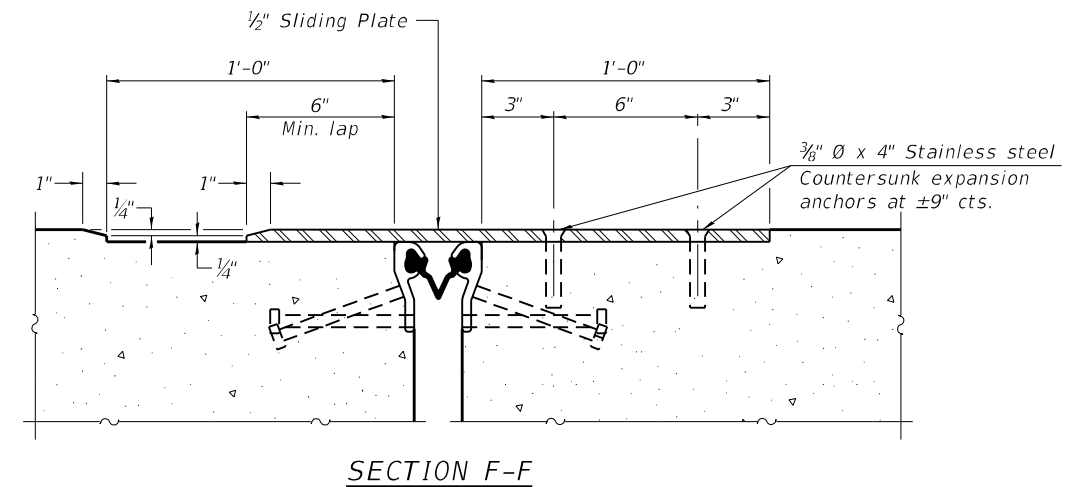
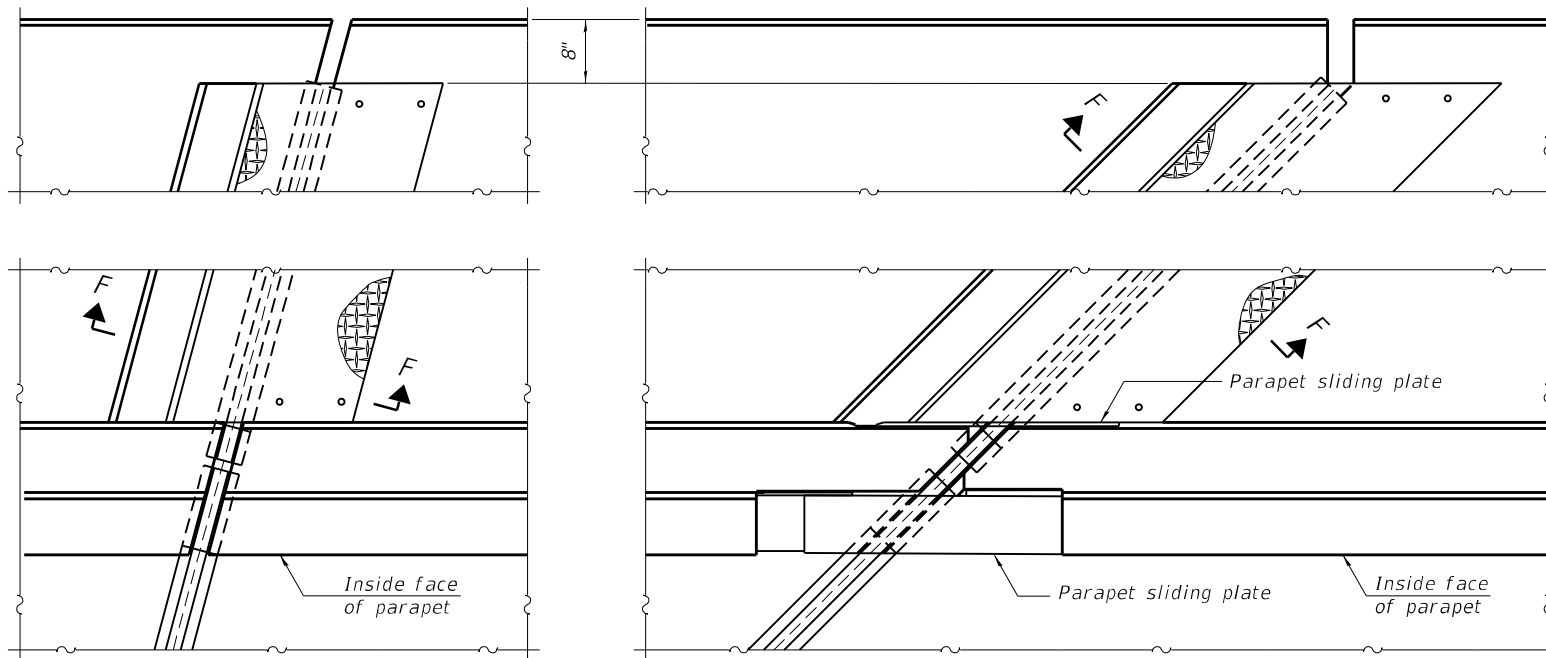
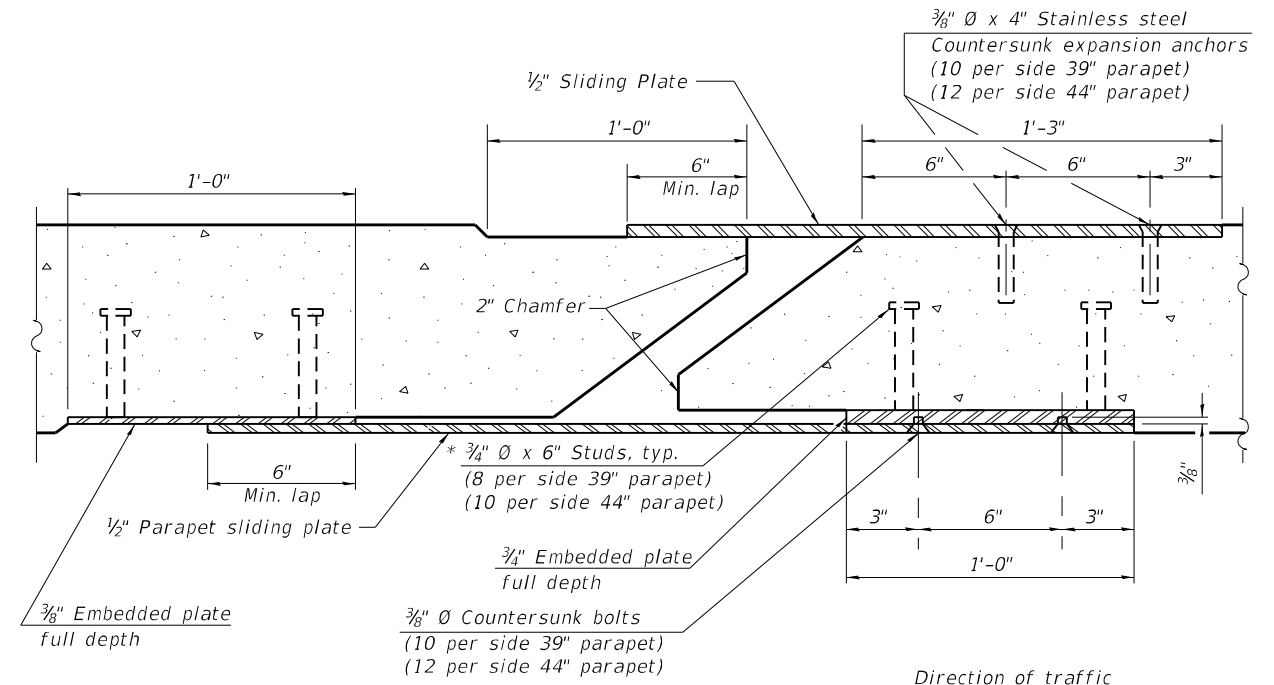
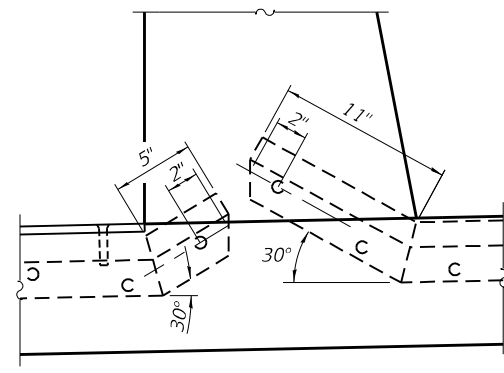
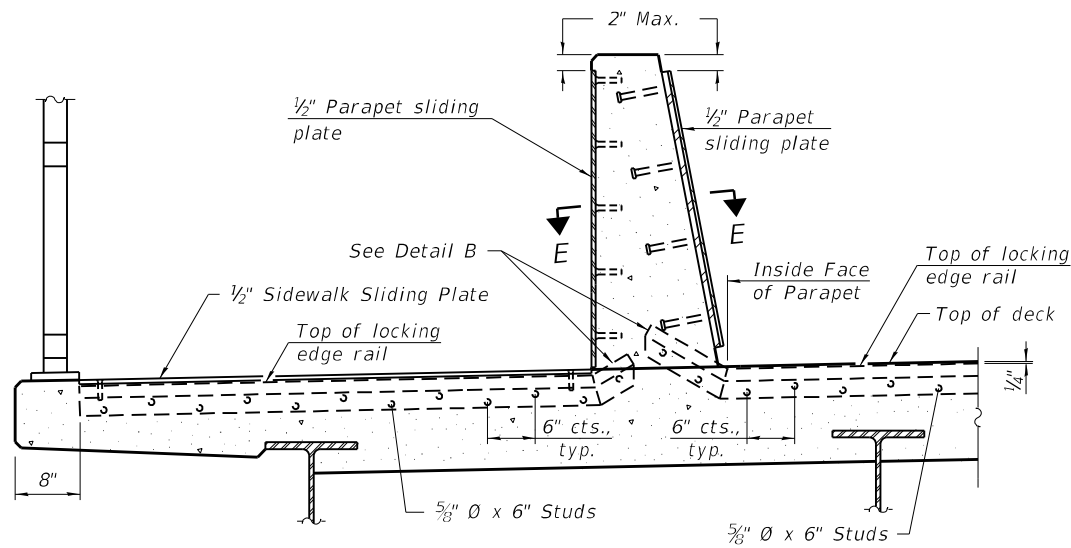
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL - SIDEWALK
STRUCTURE NO. 058-0015

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(48Z2&3, 50Z2&3, 50R)RS-3	MACON	84	72
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

MODEL: Default
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 PLOT DATE: 5/14/2021
 PROJECT: 74637
 SHEET: 72 OF 84
 CONTRACT: 74637



EJ-SS-S

1-1-2020

(Sheet 3 of 3)

USER NAME = steffnmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - D. Macklin	REVISED -
PLOT DATE = 5/14/2021	DATE -	REVISED -

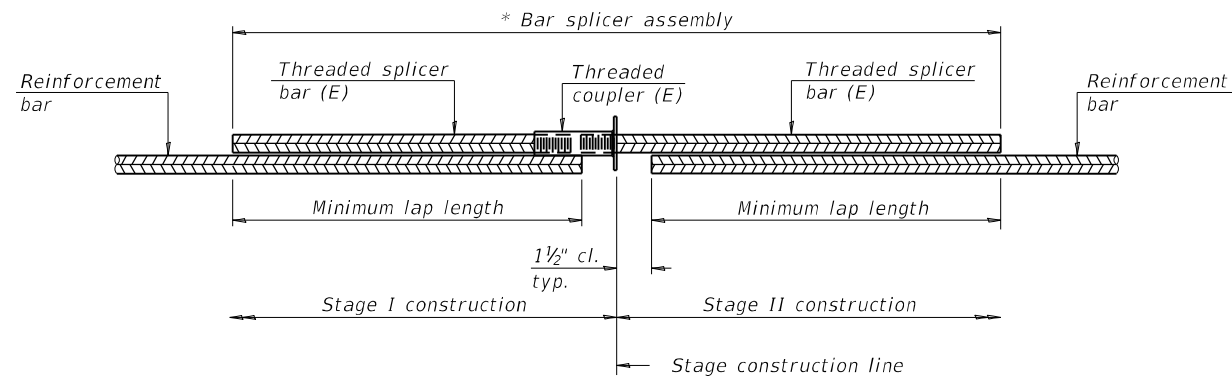
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL - SIDEWALK
STRUCTURE NO. 058-0015

SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(48Z2&3, 50Z2&3, 50R)RS-3	MACON	84	73
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

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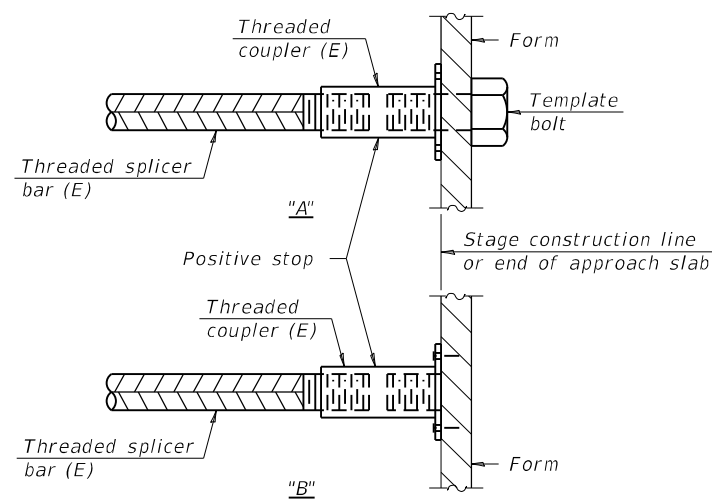


STANDARD BAR SPLICER ASSEMBLY PLAN
 (All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Minimum lap length
Deck	#5	16	3'-6"
Approach	#6	8	4'-0"

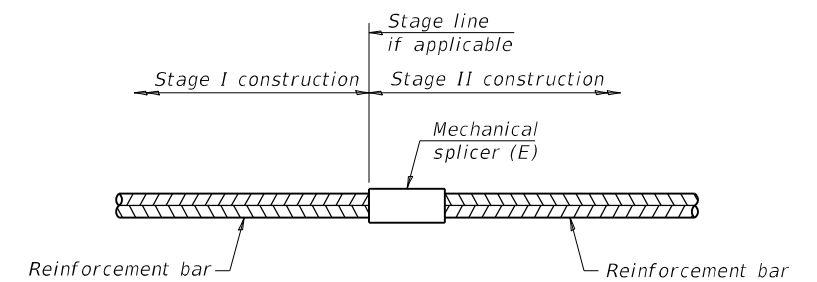


INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.

(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required

Notes:

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

BSD-1

1-1-2020

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 PROJECT: 74637\CADD\Structures\DOT Office\Drawings\74637_058-0015 Bridge Repair.dgn

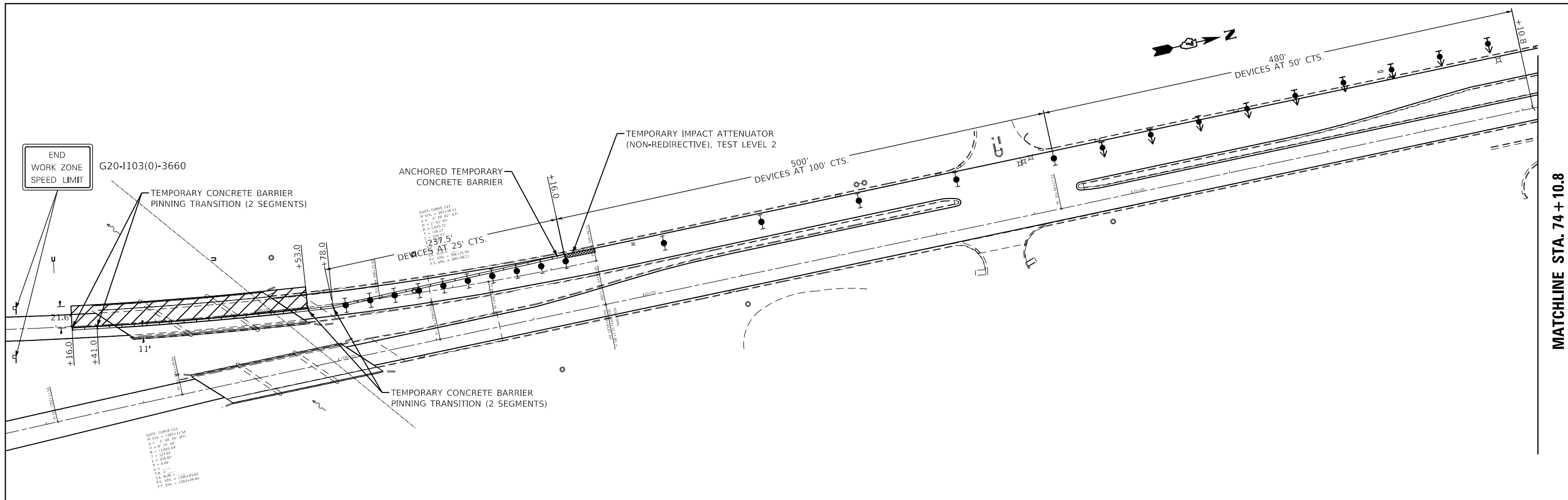
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PLOT DATE = 7/1/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
 STRUCTURE NO. 058-0015**

SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(48Z2&3, 50Z2&3, 50R)RS-3	MACON	84	74
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 74 + 10.8

LEGEND

- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- ARROW BOARD
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
- MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- TEMPORARY CONCRETE BARRIER
- WORK ZONE

W21-III5(0)-3618
 R2-1-3648
 R10-19aP-3618
 R2-I106-3618

WORK ZONE

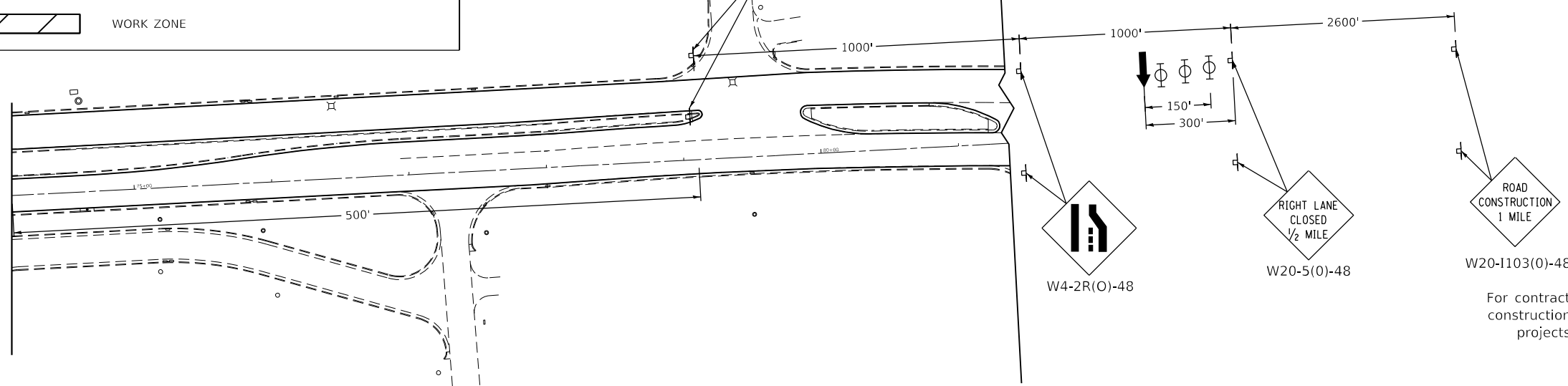
SPEED LIMIT

35

PHOTO ENFORCED

XXXX FINE MINIMUM

MATCHLINE STA. 74 + 10.8



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FILE NAME: 811E15

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DRAWN - LMH	REVISIONS -	
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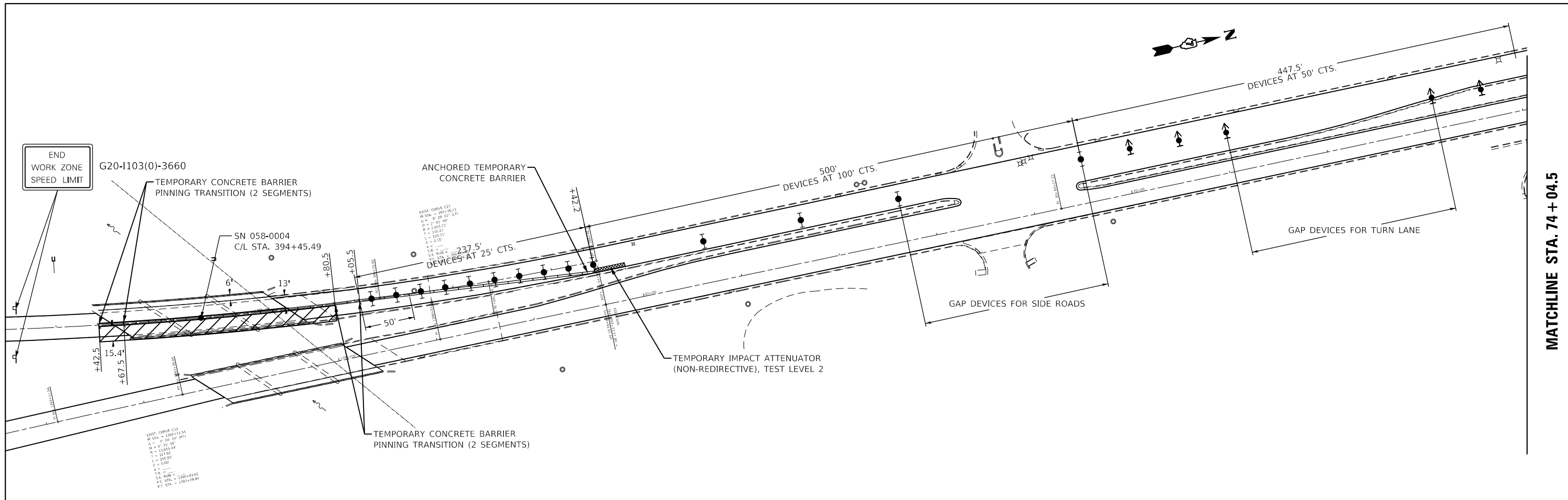
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 TRAFFIC CONTROL 701423 (SPECIAL)
SN 058-0004**

SCALE: S\$CALES	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	75
CONTRACT NO. 74637			ILLINOIS FED. AID PROJECT	

*(48Z2&3,50Z2&3,50R)RS-3

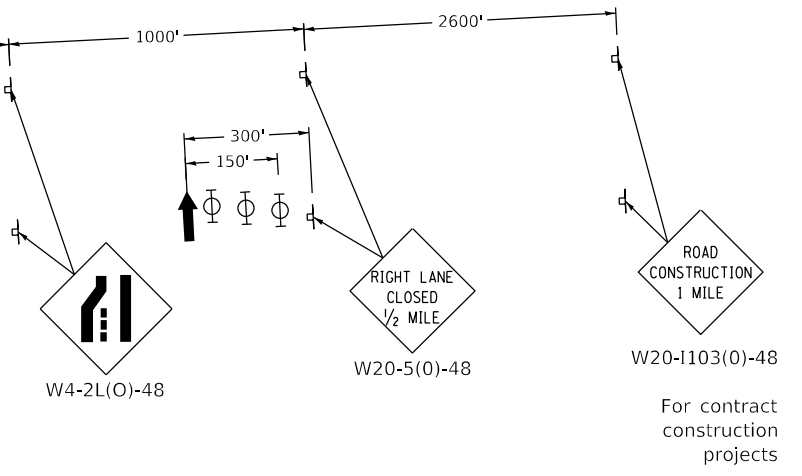
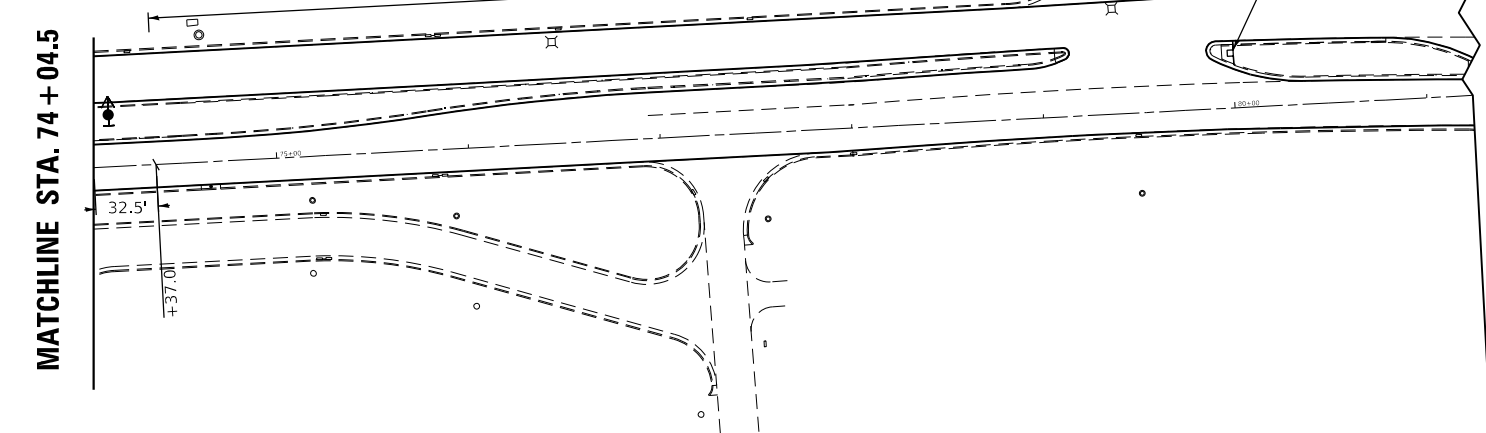


MATCHLINE STA. 74 + 04.5

LEGEND

- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
- ARROW BOARD
- SIGN
- TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
- MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
- TEMPORARY CONCRETE BARRIER
- WORK ZONE

- W21-1115(0)-3618 WORK ZONE
- R2-1-3648 SPEED LIMIT
- R10-19aP-3618 PHOTO ENFORCED
- R2-1106-3618 \$XXX FINE MINIMUM



MODEL NUMBER: MAMTMS
FILE NAME: 871615

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DRAWN - LMH	REVISIONS -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: S\$CALES SHEET OF SHEETS STA. TO STA.

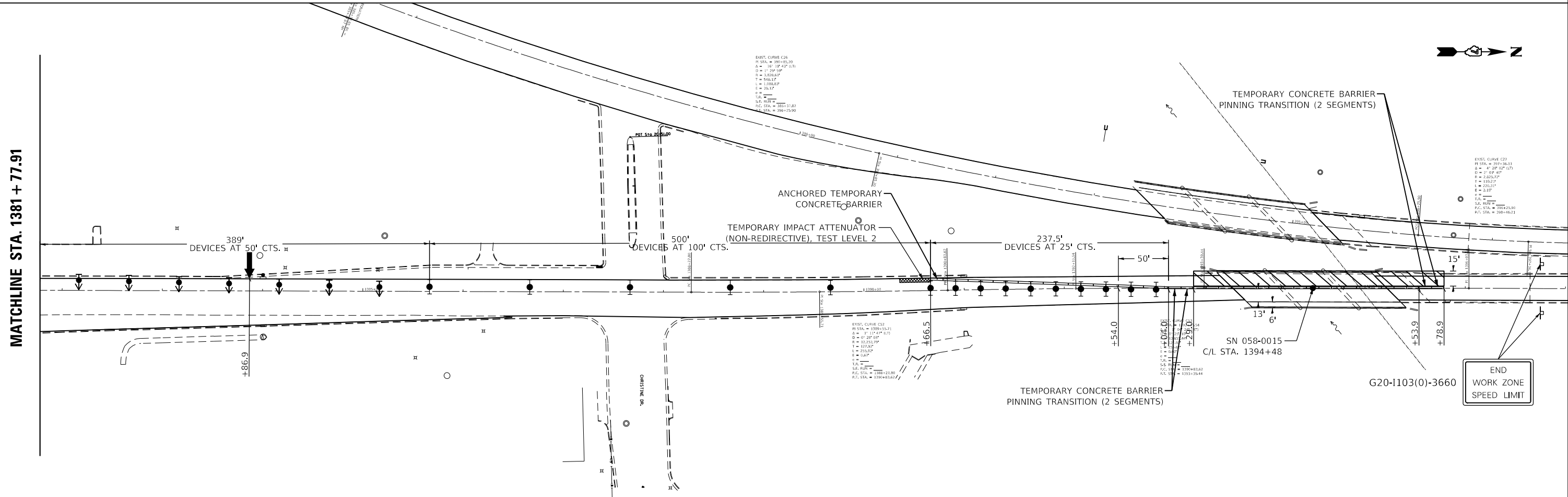
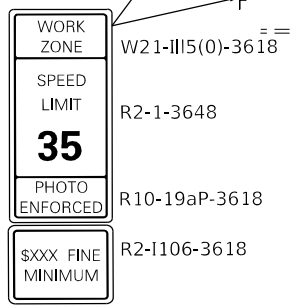
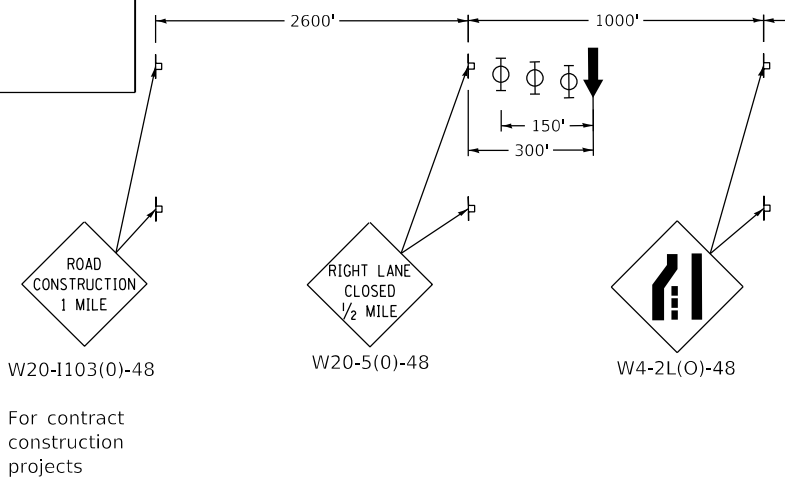
STAGE 2 TRAFFIC CONTROL 701423 (SPECIAL)
SN 058-0004

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	76
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

*(48Z2&3,50Z2&3,50R)RS-3

LEGEND

	TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
	ARROW BOARD
	SIGN
	TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
	MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
	TEMPORARY CONCRETE BARRIER
	WORK ZONE



MODEL NUMBER: MAMTMS
FILE NAME: 871615

USER NAME = SUSERS	DESIGNED - LMH	REVISED -
DRAWN - LMH	REVISIONS -	
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 1 TRAFFIC CONTROL 701423 (SPECIAL)
SN 058-0015**

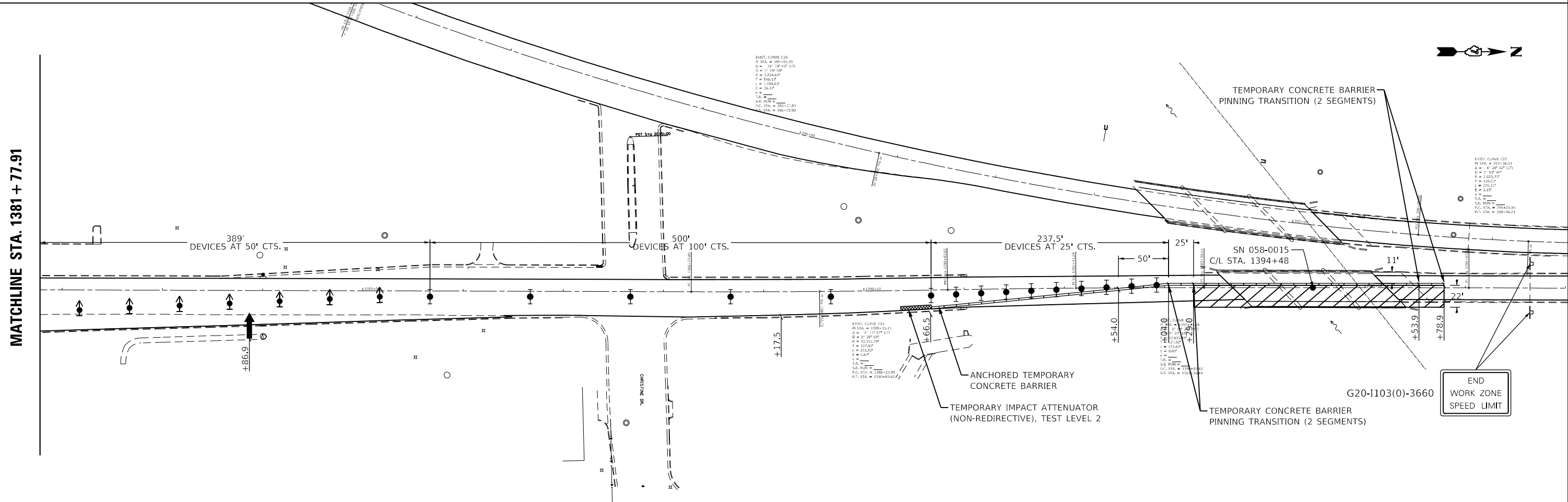
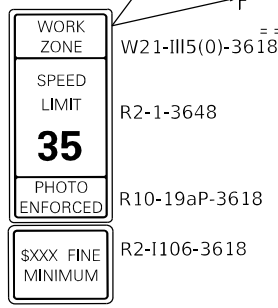
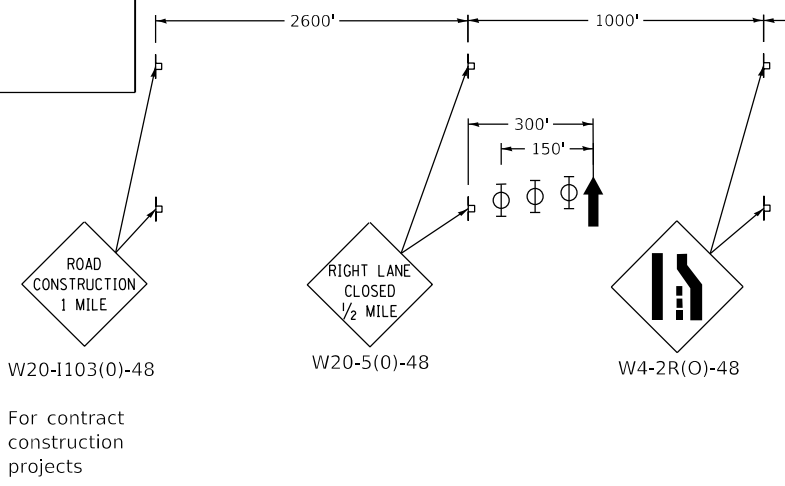
F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 77
CONTRACT NO. 74637			ILLINOIS FED. AID PROJECT	

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

*(48Z2&3,50Z2&3,50R)RS-3

LEGEND

	TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH STEADY BURN MONODIRECTIONAL LIGHT
	DIRECTION INDICATOR BARRICADE WITH STEADY BURNING MONODIRECTIONAL LIGHT
	ARROW BOARD
	SIGN
	TYPE II BARRICADE, DRUM, OR VERTICAL BARRICADE WITH MONODIRECTIONAL FLASHING LIGHT
	MONODIRECTIONAL BARRIER WALL/GUARDRAIL MARKER
	TEMPORARY CONCRETE BARRIER
	WORK ZONE



MODEL NUMBER: MAMTMS
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DRAWN - LMH	REVISIONS -	
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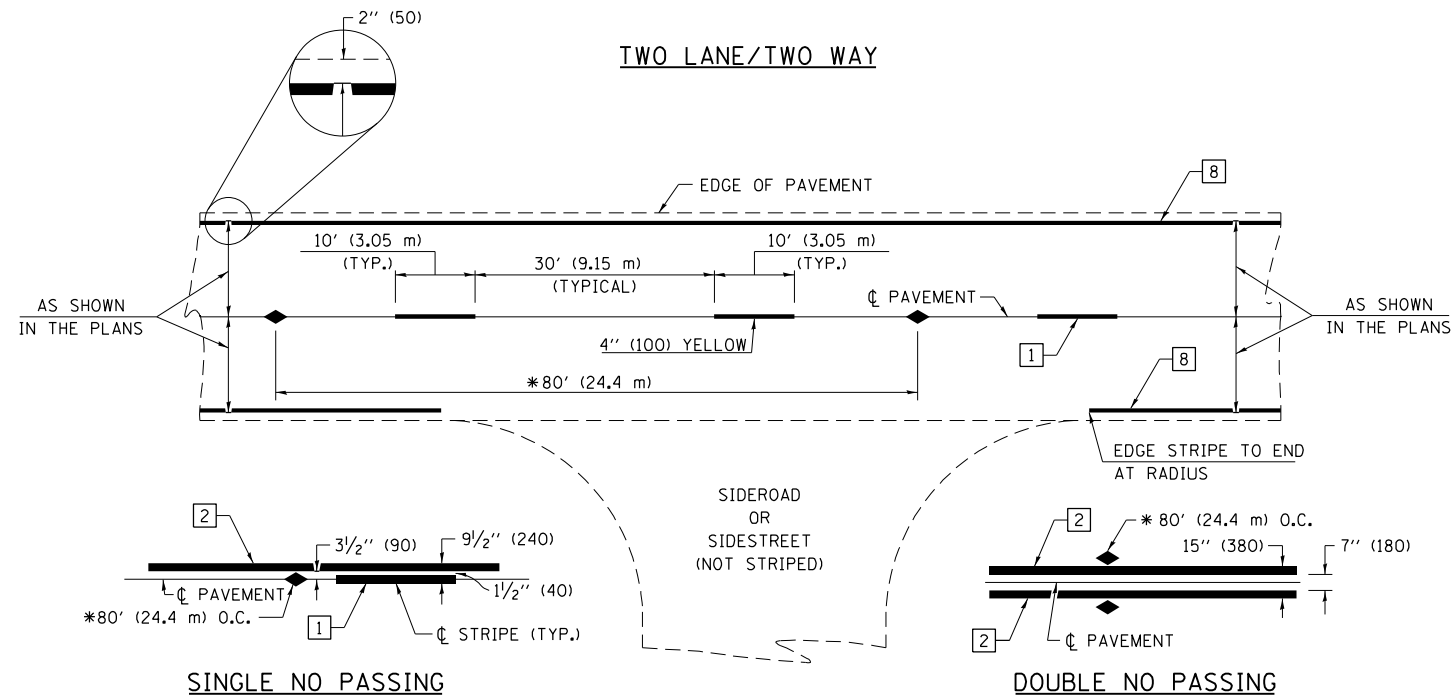
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STAGE 2 TRAFFIC CONTROL 701423 (SPECIAL)
SN 058-0015**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

SCALE: \$SCALES SHEET OF SHEETS STA. TO STA.

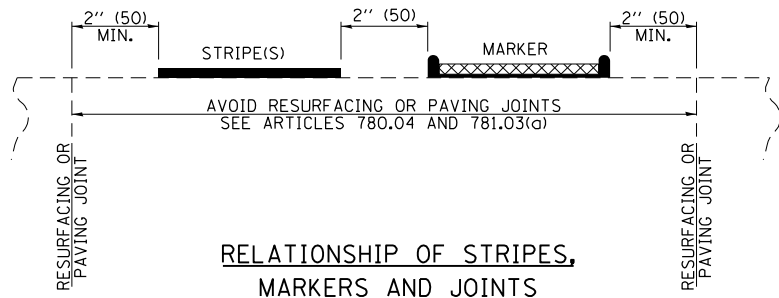
*(48Z2&3,50Z2&3,50R)RS-3



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

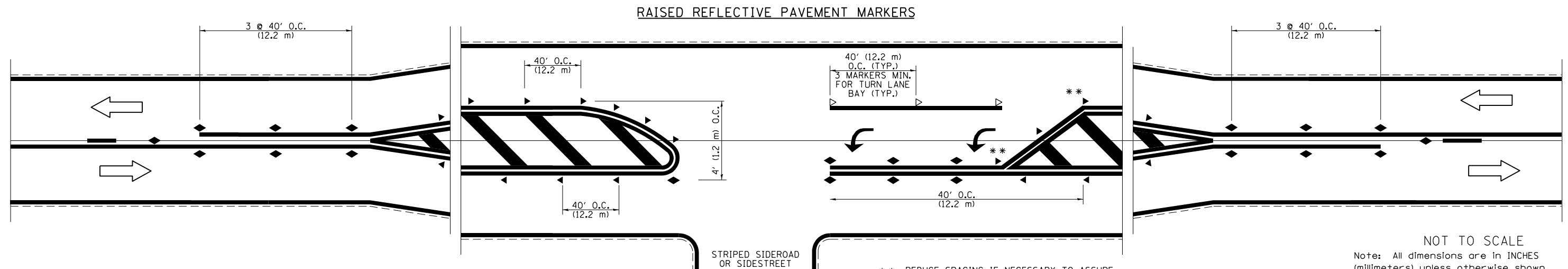
PAVEMENT MARKING LEGEND

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



TYPICAL PAVEMENT MARKERS LEGEND

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



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

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

DISTRICT 7 DETAIL NO. 7800001

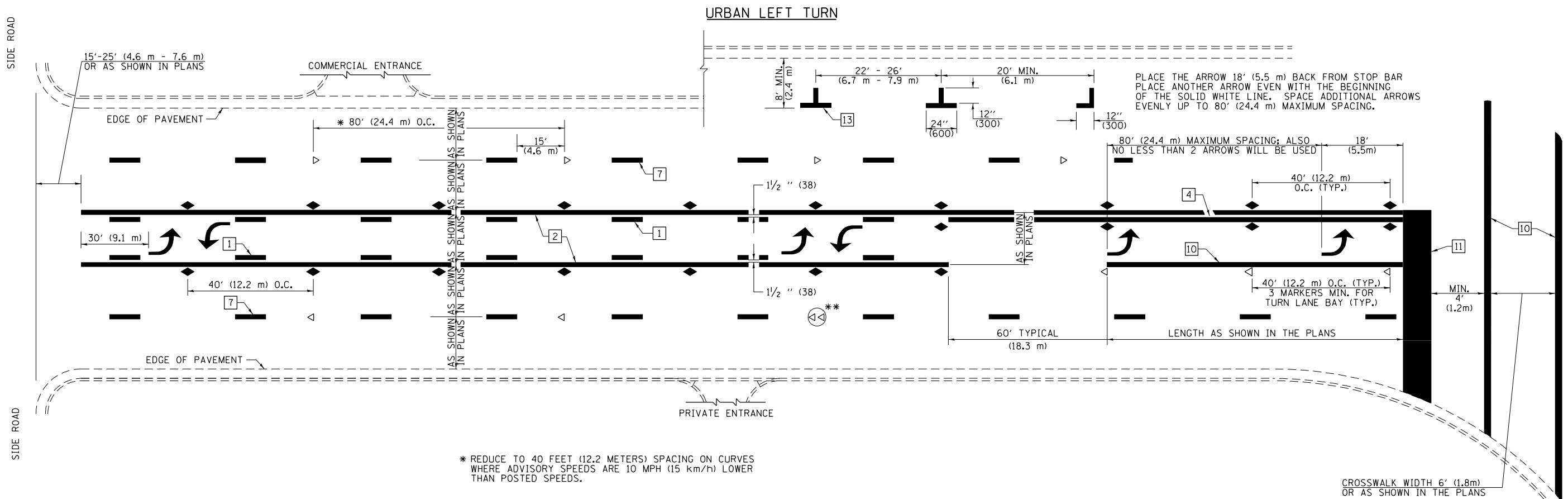
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	79
CONTRACT NO. 74637			ILLINOIS FED. AID PROJECT	

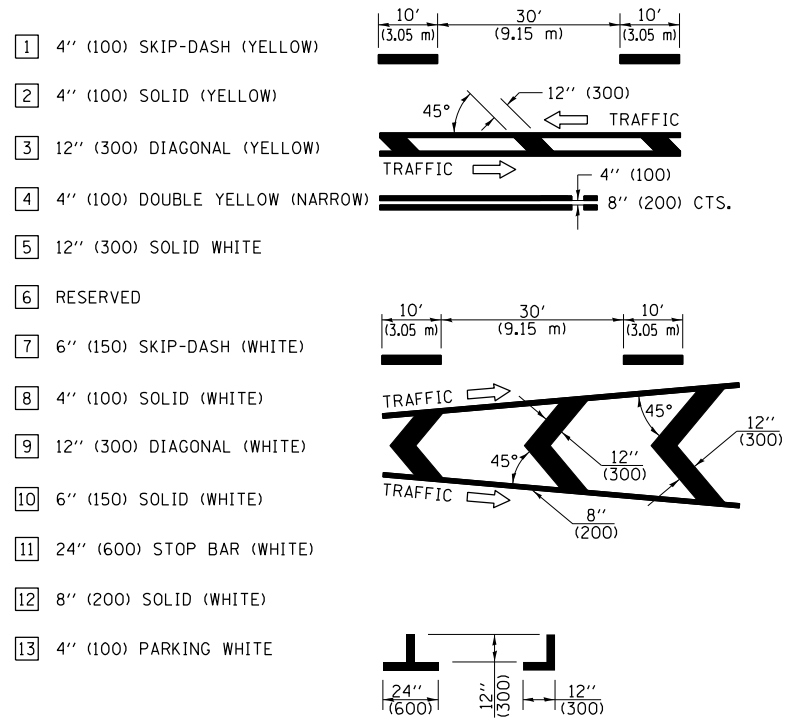


PLACE THE ARROW 18' (5.5 m) BACK FROM STOP BAR
 PLACE ANOTHER ARROW EVEN WITH THE BEGINNING
 OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS
 EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING.

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

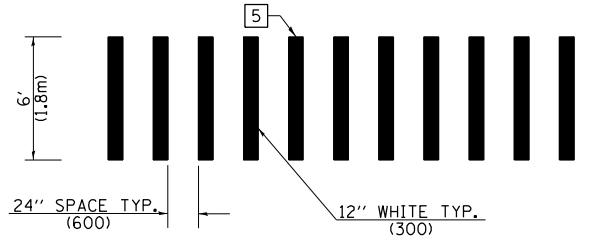
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

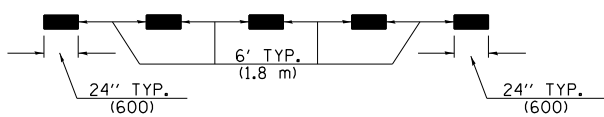


GENERAL NOTES

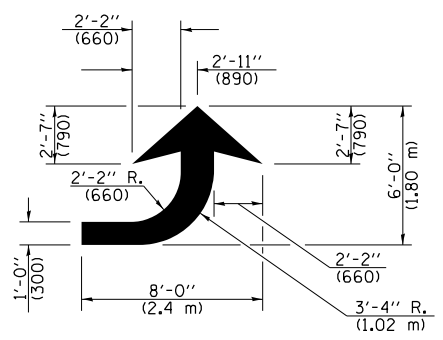
- TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
- THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT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



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

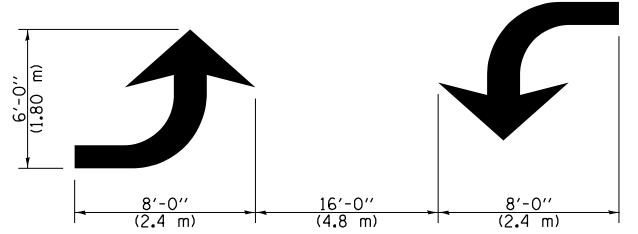


LANE LINE EXTENSIONS



LEFT ARROW

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



**TYPICAL DOUBLE
 TURN ARROWS (WHITE)**

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

USER NAME = stefenmk	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

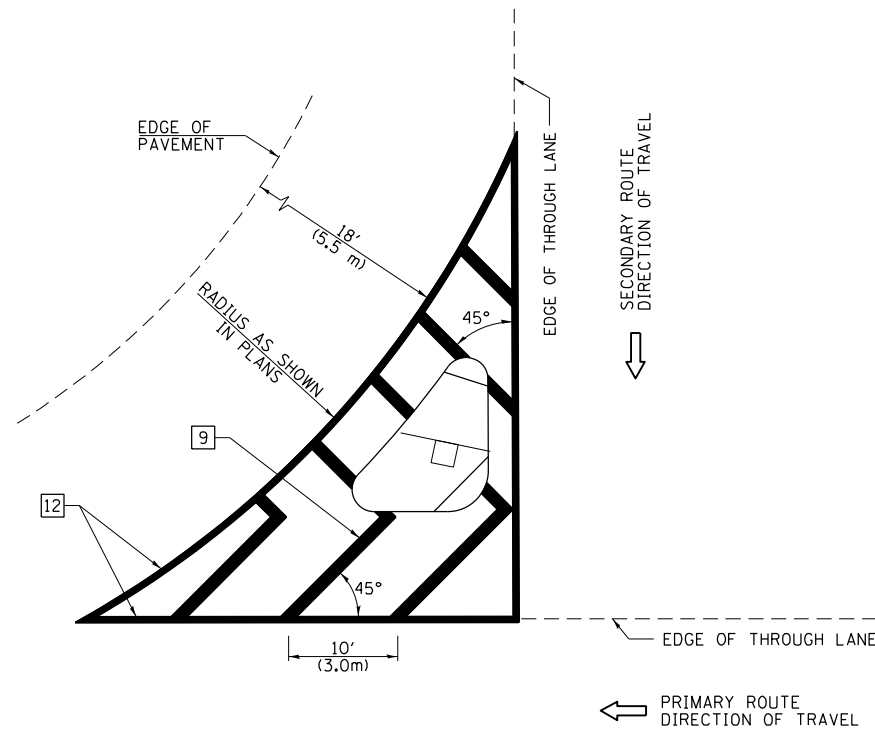
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
 (RURAL & URBAN APPLICATIONS)**

F.A.P. RTE. 710	SECTION *	COUNTY MACON	TOTAL SHEETS 84	SHEET NO. 80
			CONTRACT NO. 74637	
SCALE:		SHEET 2 OF 4 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT

(4822&3,5022&3,50R)RS-3

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ISLAND

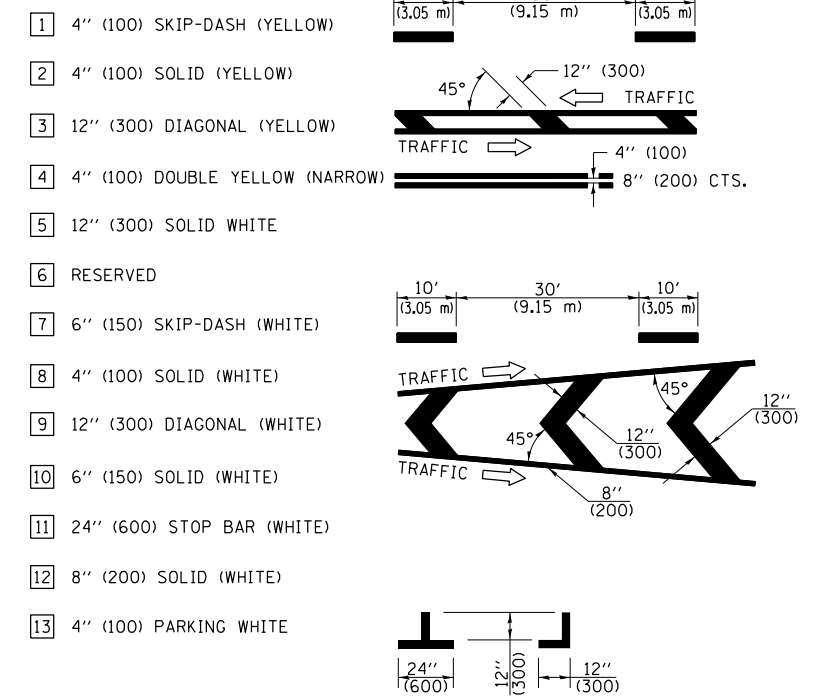


GENERAL NOTES

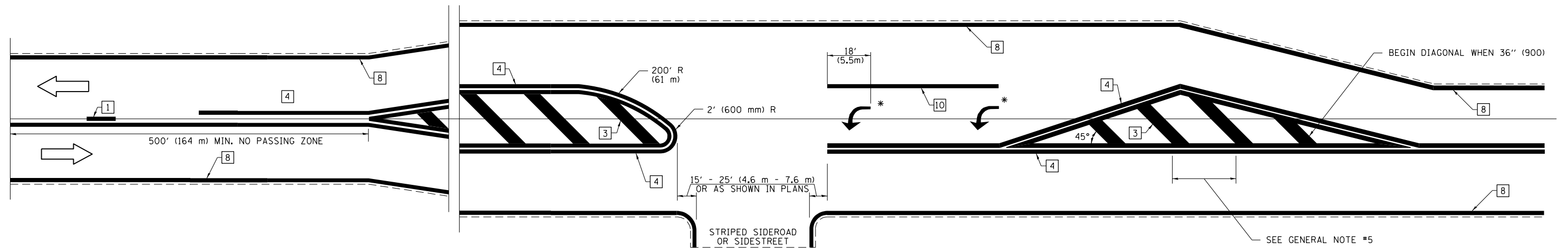
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

USER NAME = steffnmk	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

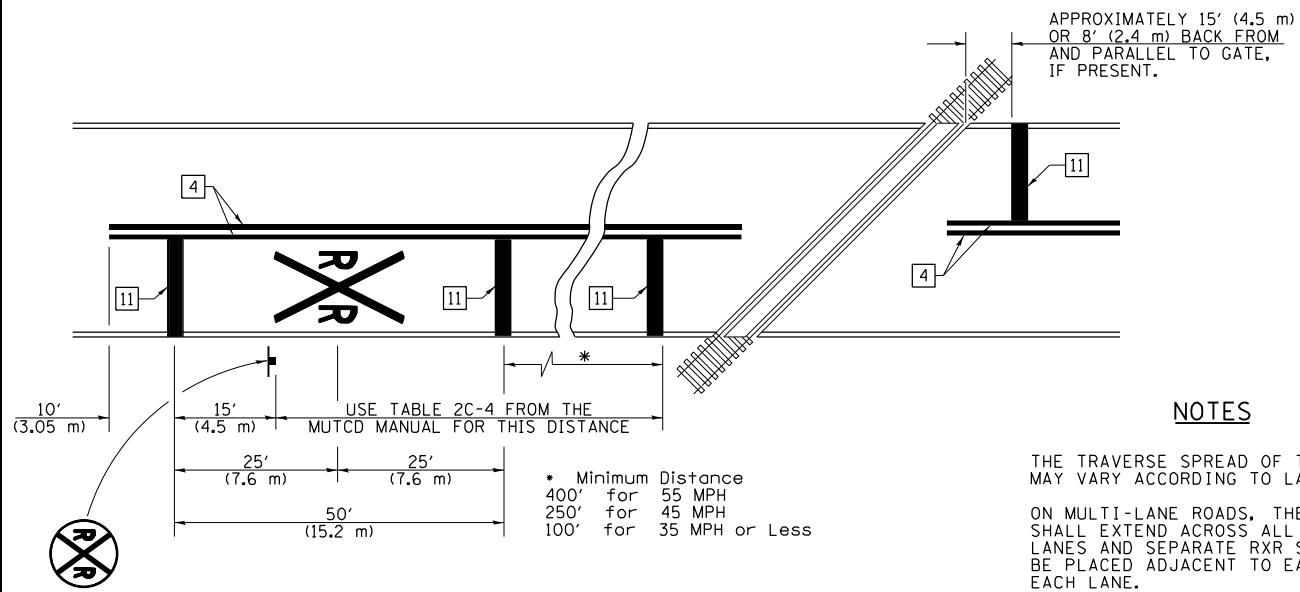
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	81
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

(48Z2&3,50Z2&3,50R)RS-3

MODEL: Default
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PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

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

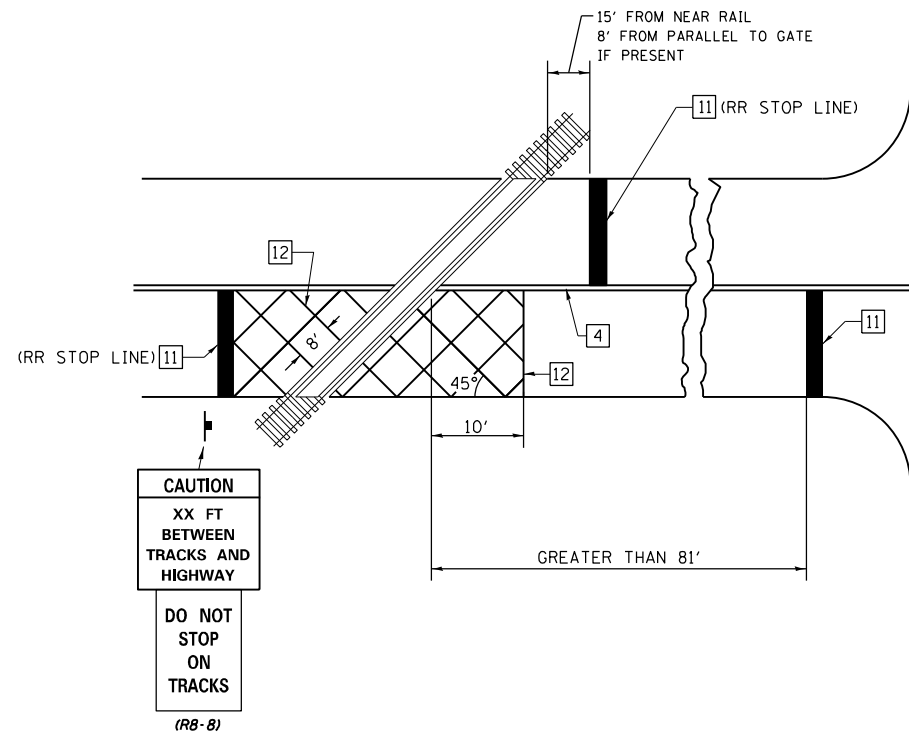
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

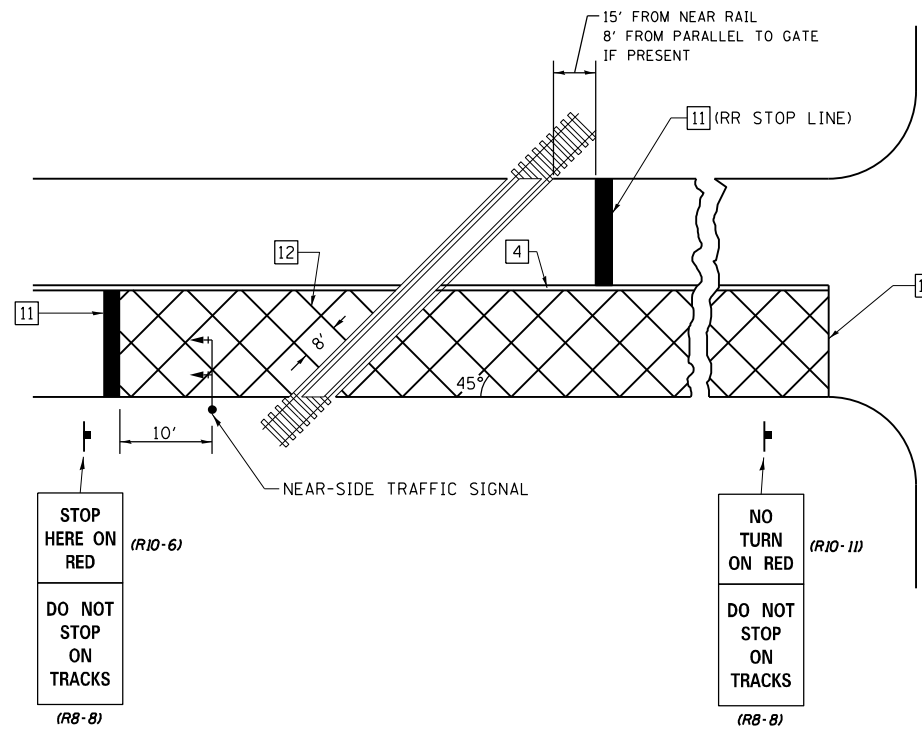
PAVEMENT MARKING LEGEND

- 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

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 78000001

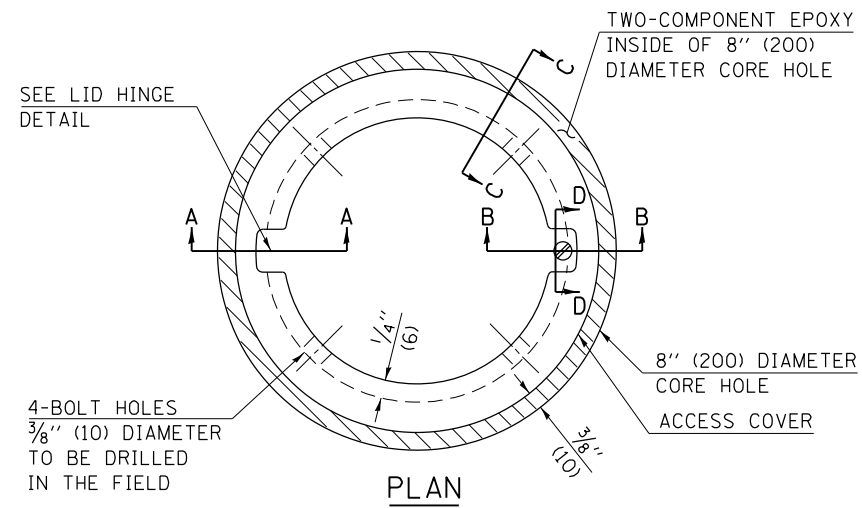
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	82
			CONTRACT NO. 74637	
		ILLINOIS FED. AID PROJECT		

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

(4822&3,5022&3,50R)RS-3



LEGEND

- ALUMINUM CASTING

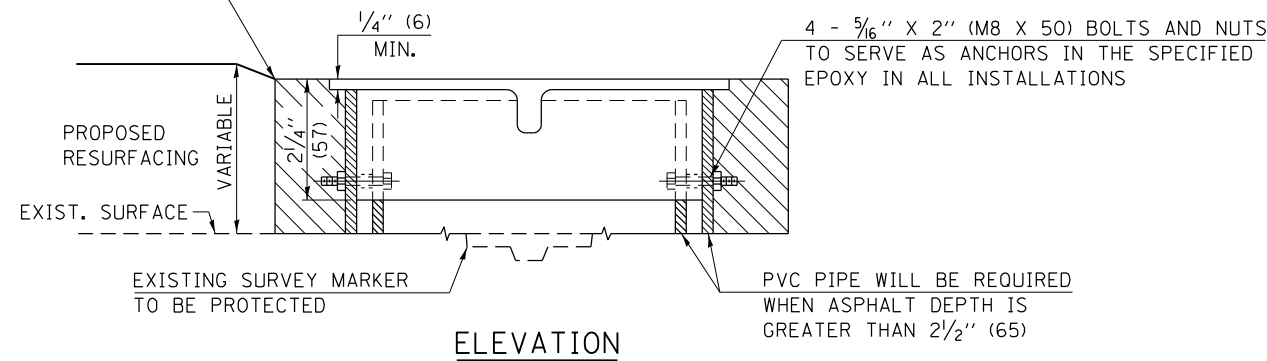
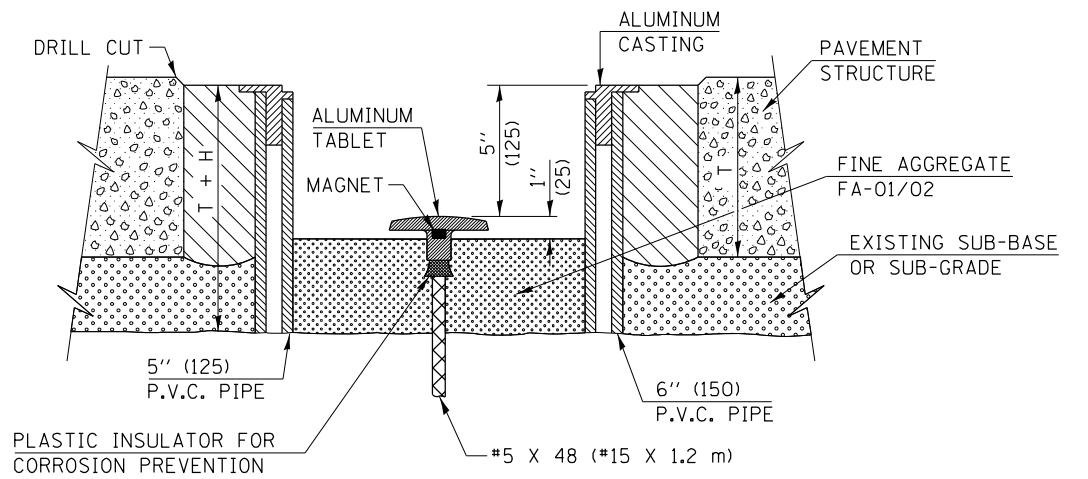
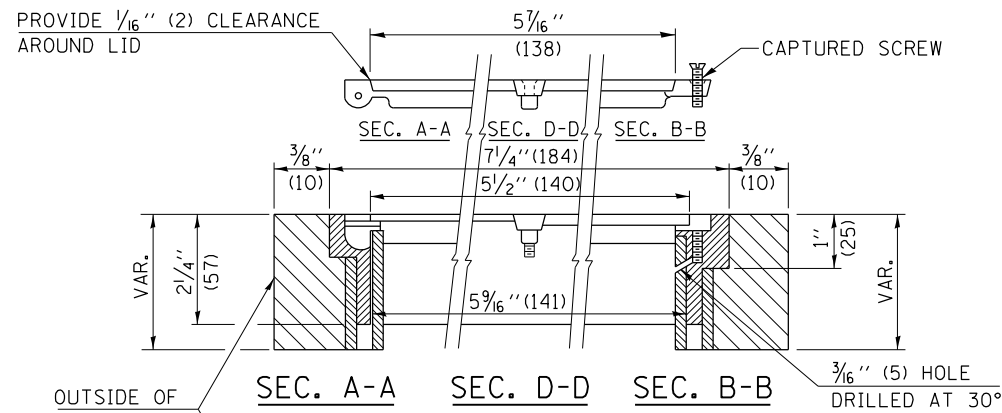
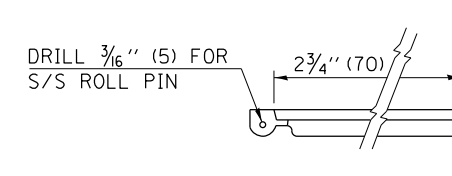
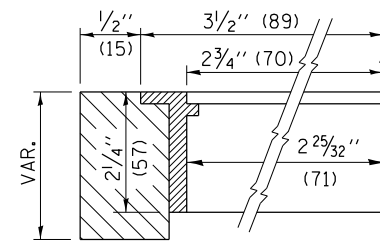
- 5" (125) OR 6" (150) P.V.C. PIPE

- TWO-COMPONENT EPOXY

T = THICKNESS OF PAVEMENT STRUCTURE

H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)

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



EXISTING SURVEY MARKER

PROPOSED SURVEY MARKER

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

DISTRICT 7 DETAIL NO. Z0070202

USER NAME = stefnkmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

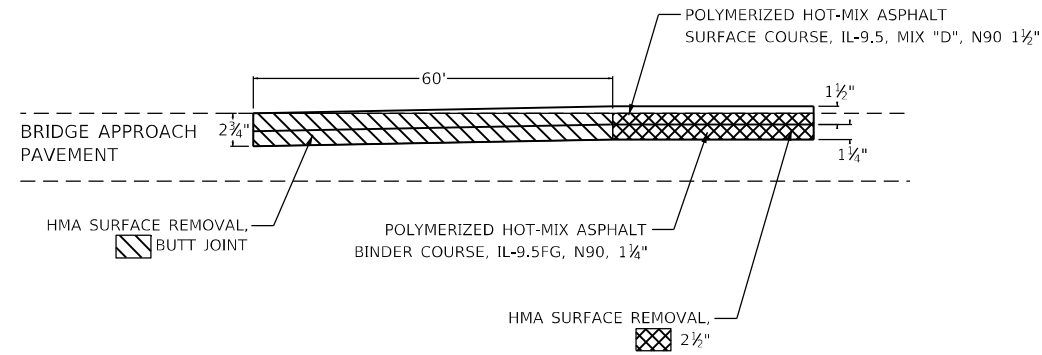
SURVEY MARKER VAULT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	83
			CONTRACT NO. 74637	
ILLINOIS FED. AID PROJECT				

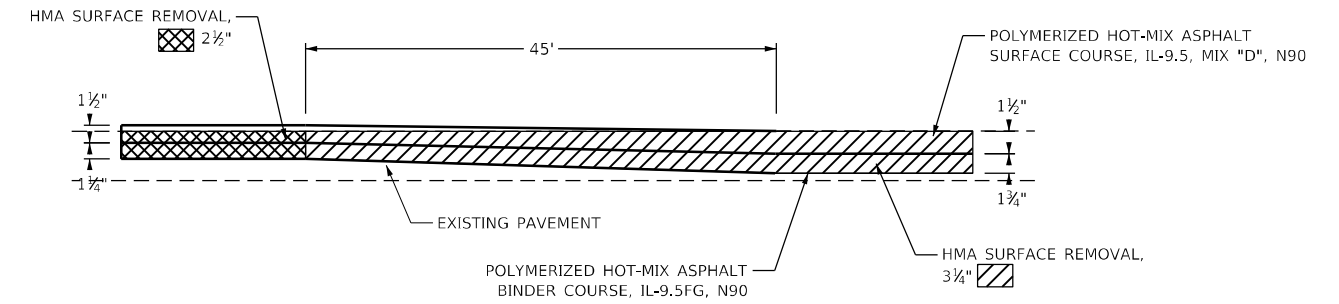
BUTT JOINT DETAIL

STA. 1393+23.0 TO STA. 1393+68.0 (SN 058-0015)
 STA. 1395+21.8 TO STA. 1395+66.8 (SN 058-0015)
 STA. 393+08.9 TO STA. 393+53.9 (SN 058-0004)
 STA. 395+33.6 TO STA. 395+78.6 (SN 058-0004)



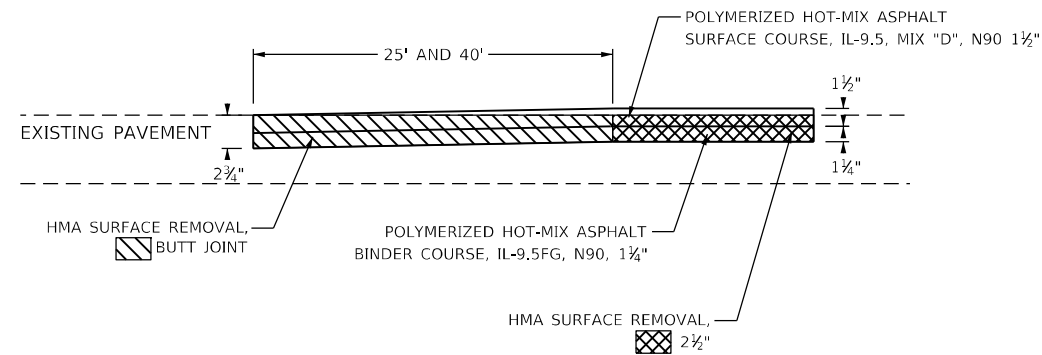
HMA MILLING TRANSITION DETAIL

STA. 120+21.4 TO STA. 120+36.4
 STA. 1131+22.0 TO STA. 1131+37.0



BUTT JOINT DETAIL

STA. 92+19.3 TO STA. 93+25.1 (EAST MOUND STREET)
 STA. 92+13.5 TO STA. 93+29.0 (WEST MOUND STREET)
 STA. 119+04.7 TO STA. 120+04.7 (EAST ASH STREET)
 STA. 118+84.8 TO STA. 119+54.9 (WEST ASH STREET)



MODEL: Default
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 PROJECT: 74637\CAADDATA\CADD\Drawings\74637.dwg
 PLOT DATE: 5/14/2021

USER NAME = steffnmk	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 5/14/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MISC DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	*	MACON	84	84
CONTRACT NO. 74637				
ILLINOIS FED. AID PROJECT				

(4822&3,5022&3,50R)RS-3