

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1394/1398	10-00250-00-BT	COOK	33	1
		ILLINOIS	CONTRACT NO. 63550	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 1394 (DIVISION STREET)  
FAU ROUTE 1398 (CHICAGO AVENUE)  
AUGUSTA BOULEVARD  
ILLINOIS ROUTE 43 (HARLEM AVENUE) TO AUSTIN BOULEVARD  
BICYCLE FACILITIES  
SECTION 10-00250-00-BT  
PROJECT CMM-9003 (623)  
COOK COUNTY  
VILLAGE OF OAK PARK  
C-91-495-10  
LOCATION MAP

INDEX OF SHEETS

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32	TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS
33	TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS



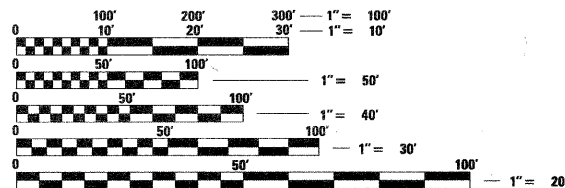
PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLER (847) 705-4406 SCHAUMBURG, IL

PROJECT LOCATED IN  
VILLAGE OF OAK PARK

ADT: AUGUSTA BLVD 6,174  
CHICAGO AVE 12,992  
DIVISION ST 11,460

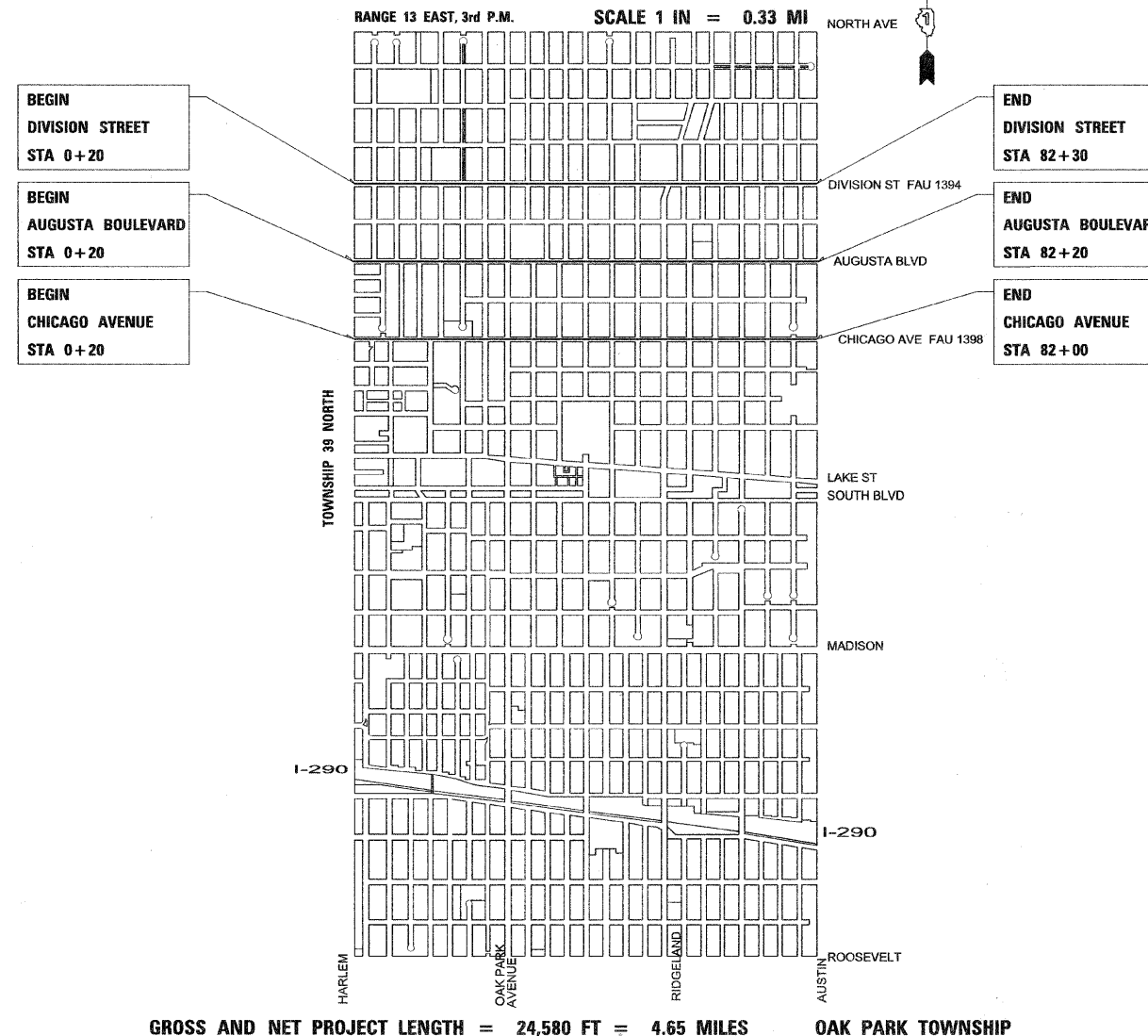
POSTED SPEED LIMIT: 25 MPH

DESIGN CLASSIFICATION:  
AUGUSTA BLVD LOCAL HIGHWAY, STREETS  
CHICAGO AVE MINOR ARTERIAL  
DIVISION ST COLLECTOR



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

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



GROSS AND NET PROJECT LENGTH = 24,580 FT = 4.65 MILES OAK PARK TOWNSHIP

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

Approved DEC 17 2010  
*Jim Budrick*  
VILLAGE OF OAK PARK, VILLAGE ENGINEER

SUBMITTED JANUARY 3 2010  
*Charles F. Riddler*  
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

Releasing for Bid Based on Limited Review JANUARY 3 2011  
*Diana M. O'Keefe*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

PROFESSIONAL ENGINEER'S SIGN & SEAL

*Jim Budrick* 12-17-10

Jim Budrick, P.E.  
Expires: 11-30-11

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OF THE STATE OF ILLINOIS

CONTRACT NO. 63550

**GENERAL NOTES**

**GENERAL**

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007, THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2011, AND THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD).

**UTILITIES**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK IS INCLUDED IN THE COST OF MOBILIZATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLES 105.07, 107.20, AND 107.31.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES. 48 HOURS NOTIFICATION IS REQUIRED.

THE CONTRACTOR WILL NOT BE ALLOWED TO PROCEED WITH GROUND DISTURBING ACTIVITIES UNTIL ALL UTILITY OWNERS FIELD LOCATE THEIR FACILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THE ACTUAL LOCATIONS OF PROPOSED TELESCOPING STEEL SIGN SUPPORT (SPECIAL) WILL BE ADJUSTED IN THE FIELD TO AVOID UNDERGROUND UTILITIES.

**STAKING**

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE ENGINEER, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

**WATER STORM SEWER AND SANITARY SEWER**

WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED. IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS IN ACCORDANCE WITH ARTICLE 107.15. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION.

THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS. CONTACT THE VILLAGE OF OAK PARK WATER DEPARTMENT AT (708)358-5700 FOR VILLAGE PERSONNEL TO TURN VALVES OR OPERATE HYDRANTS. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.

**PROPOSED PAVEMENT MARKINGS AND SIGN PANELS**

ALL PREFORMED THERMOPLASTIC PAVEMENT MARKINGS TO BE USED FOR BICYCLE OR PEDESTRIAN FACILITIES SHALL BE 90 MILS THICK; HAVE A MINIMUM SKID RESISTANCE OF 60BPN ACCORDING TO ASTM E303; HAVE AN AVERAGE MINIMUM RETROREFLECTIVITY OF 250 mcd/lx/sq m; CONFORM TO THE CURRENT MUTCD; AND MEET OR EXCEED IDOT SECTION 780.

PROPOSED SIGN PANEL LAYOUTS SHALL CONFORM TO THE CURRENT MUTCD; RETROREFLECTIVITY SHALL MEET OR EXCEED ASTM D4956-04 FOR PRISMATIC SHEETING TYPE III, IV, AND X; AND THE FOLLOWING SIZES IN INCHES: R3\_17 24"x18"; R3\_17aP AND R3\_17bP 24"x8"; R4\_11 30"x30"; R10\_22 12"x18"; WW11\_1 24"x24"; AND W16\_1P 18"x24".

HOT-MIX ASPHALT REQUIREMENTS	
MIXTURE TYPE	
OAK PARK BICYCLE FACILITIES SECTION 10-00250-00-BT	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 2"	4% @ 50 Gyr
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1.75"	4% @ 50 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"	4% @ 50 Gyr

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

THE "AC TYPE" FOR POLYMERIZED MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MAT PRIME COAT	0.10	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
HMA RESURFACING	112	LBS / SQ YD / IN

**SUMMARY OF QUANTITIES**

SPECIALTY	ITEM	PAY ITEM #	DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY BY LOCATION		
						CHICAGO AVE	AUGUSTA BLVD	DIVISION ST
						0028 CMAQ	0028 CMAQ	0028 CMAQ
		40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	78	16	60	2
		40600300	AGGREGATE (PRIME COAT)	TON	2	1	1	0
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	20	0	20	0
		40600990	TEMPORARY RAMP	SQ YD	53	0	53	0
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	33	0	33	0
		40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	46	18	26	2
		44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	262	0	262	0
		67100100	MOBILIZATION	L SUM	1	0.5	0.2	0.3
		70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0	1	0
		70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0.5	0.0	0.5
		72000100	SIGN PANEL - TYPE 1	SQ FT	479	211	89	179
		72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	5	0	5	0
		78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	283	283	0	0
		78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10404	9606	328	470
		78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	18017	6697	0	11320
		78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	688	688	0	0
		78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2552	1281	4	962
		78300100	PAVEMENT MARKING REMOVAL	SQ FT	4507	4340	0	167
		X4032500	BITUMINOUS MATERIALS (COVER AND SEAL COATS), SPECIAL	GALLON	100	96	0	4
		X4400157	HOT-MIX ASPHALT SURFACE REMOVAL, 2" SPECIAL	SQ YD	261	161	85	15
		X7280105	TELESCOPING STEEL SIGN SUPPORT (SPECIAL)	FOOT	497	97	75	325

**STATE STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701606-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
780001-02	TYPICAL PAVEMENT MARKINGS
BLR 18-5	TRAFFIC CONTROL DEVICES-DAY LABOR MAINTENANCE

**OAK PARK BICYCLE FACILITIES  
SUMMARY OF QUANTITIES & GENERAL NOTES**

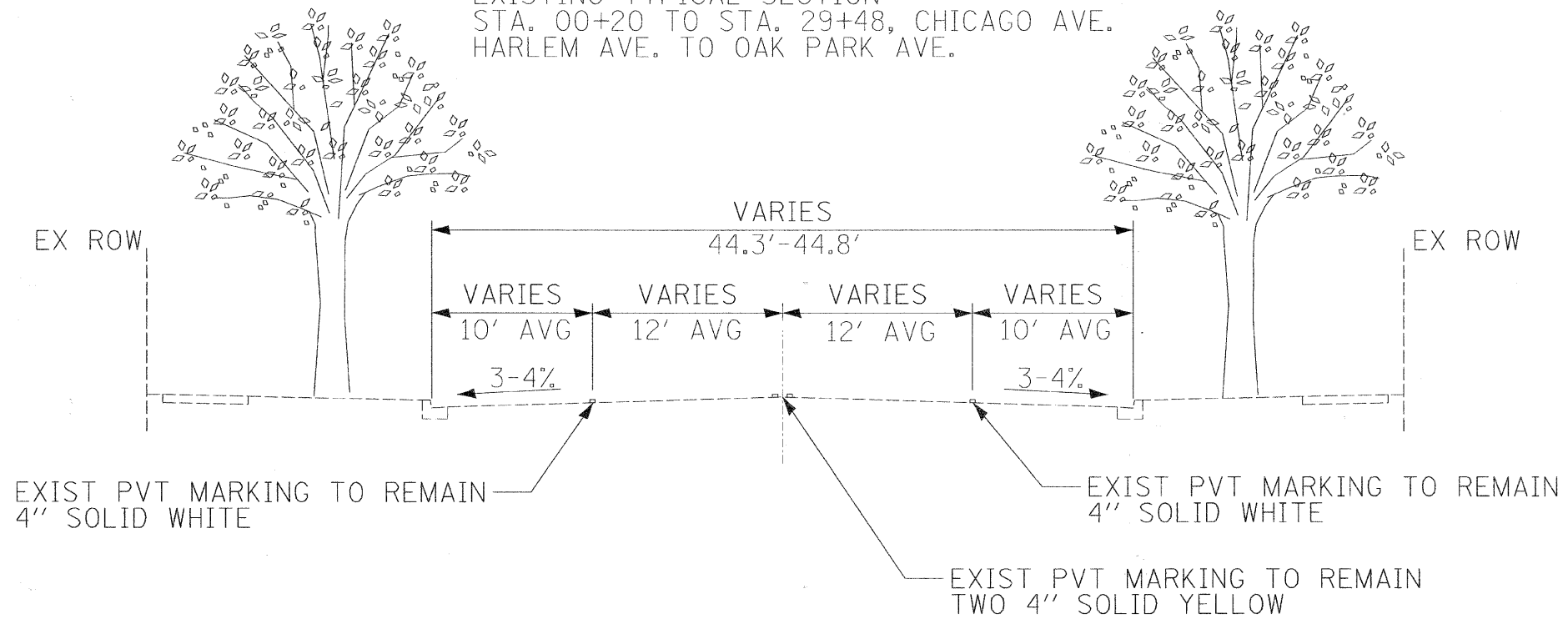
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1394/1398	10-00250-00-BT	COOK	33	2
CONTRACT NO. 63550				
ILLINOIS FED. AID PROJECT				

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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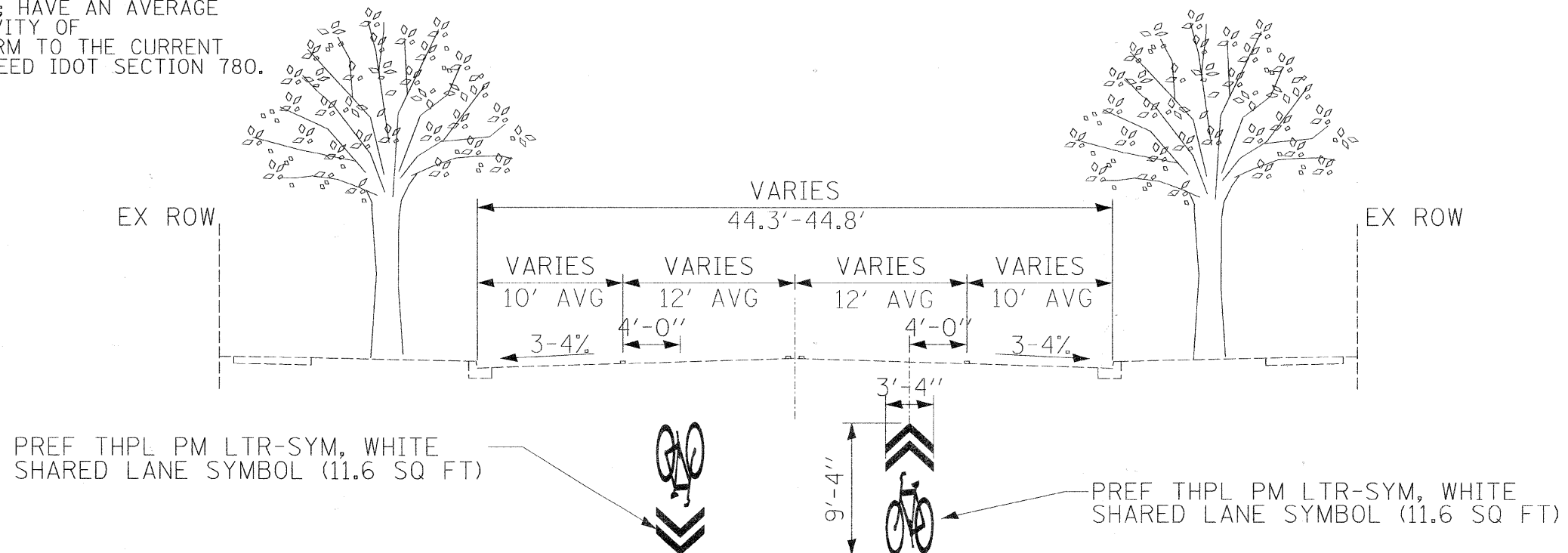
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 STA. 00+20 TO STA. 29+48, CHICAGO AVE.  
 HARLEM AVE. TO OAK PARK AVE.



PAVEMENT MARKING NOTES:

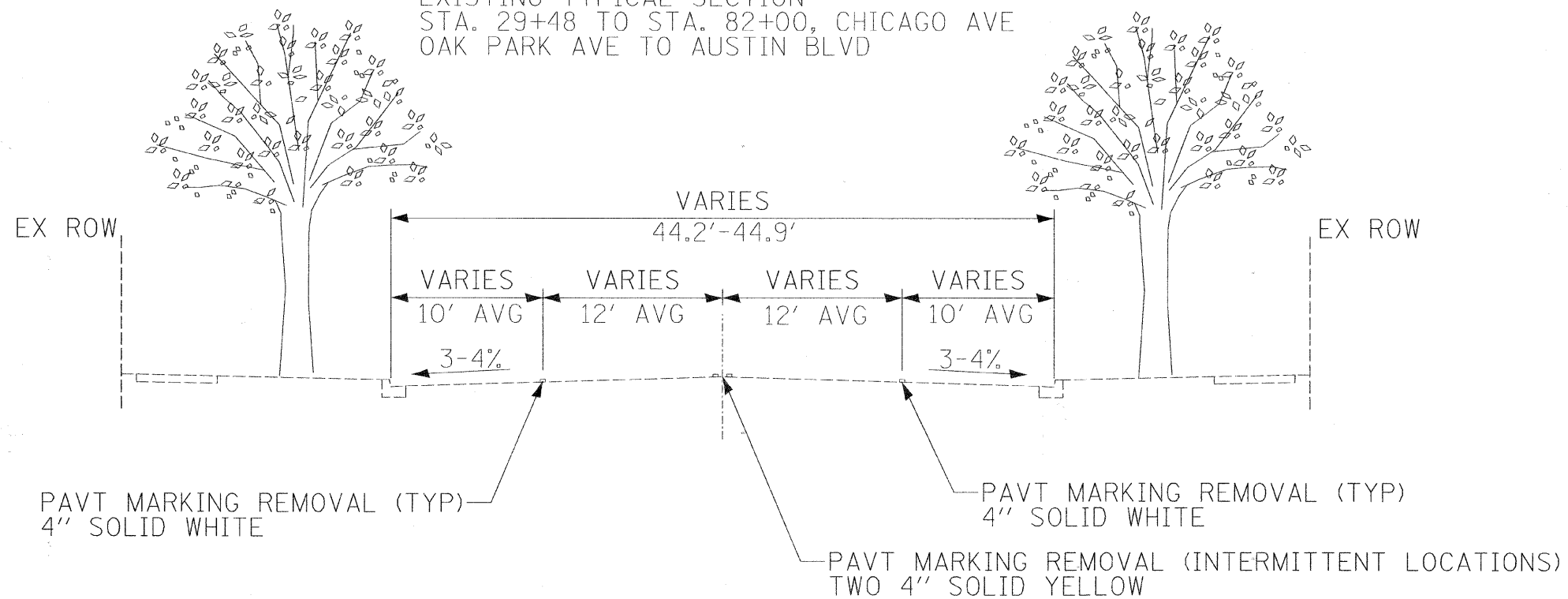
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PROPOSED TYPICAL SECTION  
 STA. 00+20 TO STA. 29+48, CHICAGO AVE.  
 HARLEM AVE. TO OAK PARK AVE.



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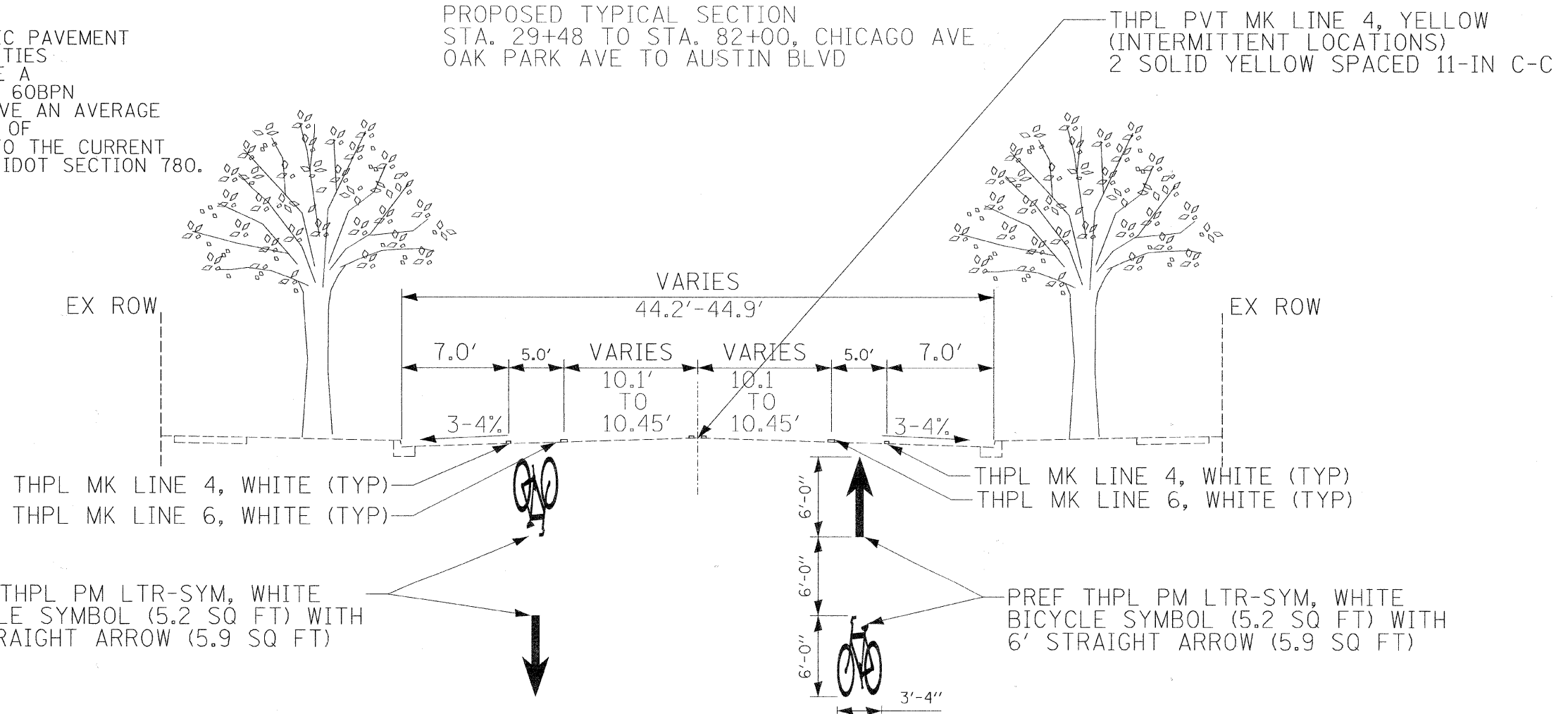
EXISTING TYPICAL SECTION  
 STA. 29+48 TO STA. 82+00, CHICAGO AVE  
 OAK PARK AVE TO AUSTIN BLVD



PAVEMENT MARKING NOTES:

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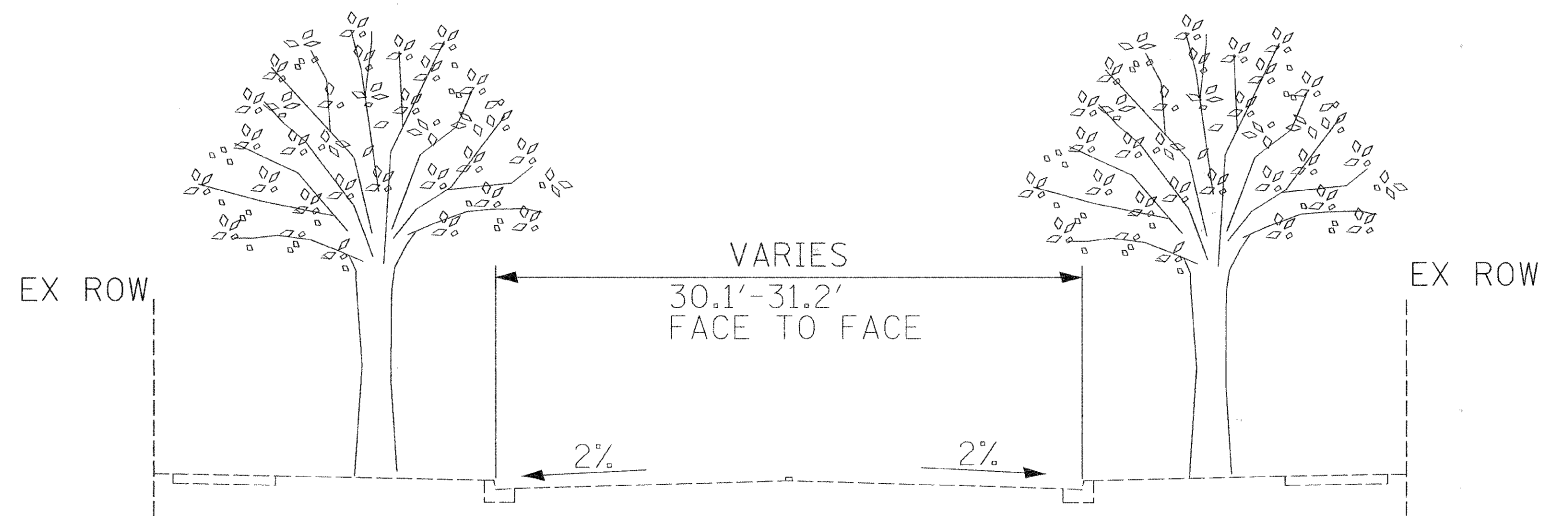
PROPOSED TYPICAL SECTION  
 STA. 29+48 TO STA. 82+00, CHICAGO AVE  
 OAK PARK AVE TO AUSTIN BLVD



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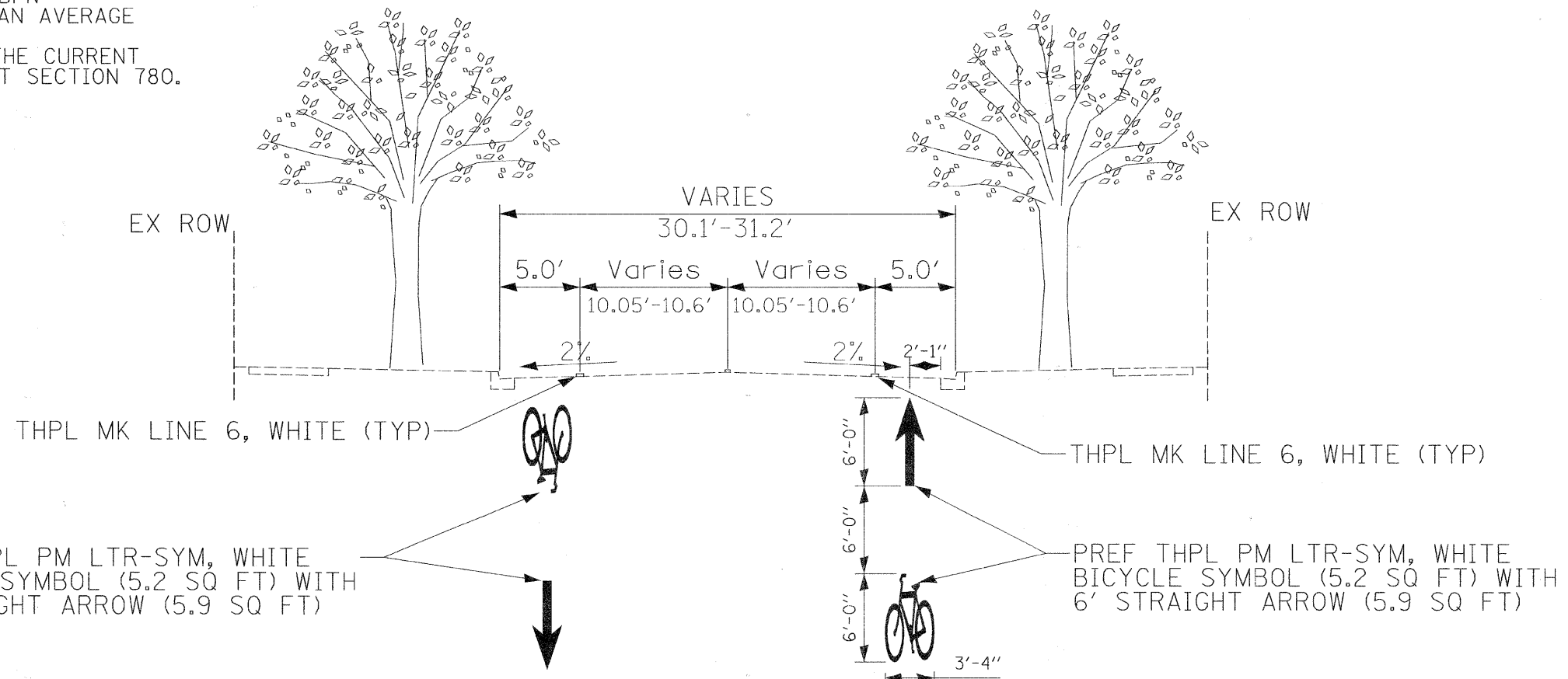
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 STA 0+20 TO STA 82+30, DIVISION ST  
 HARLEM AVE TO AUSTIN BLVD



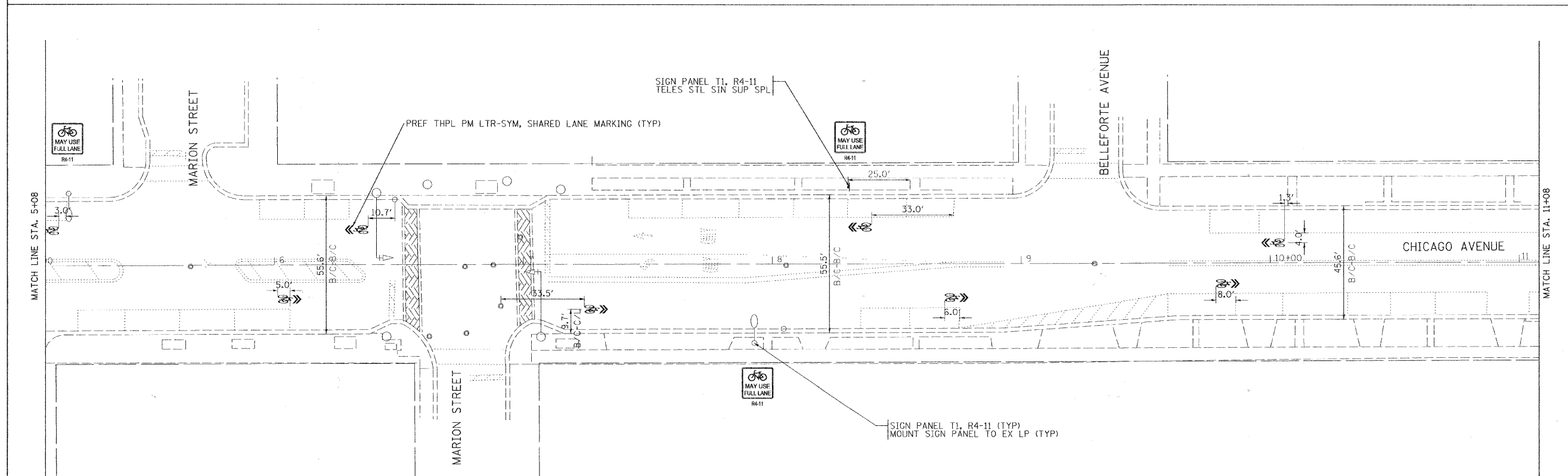
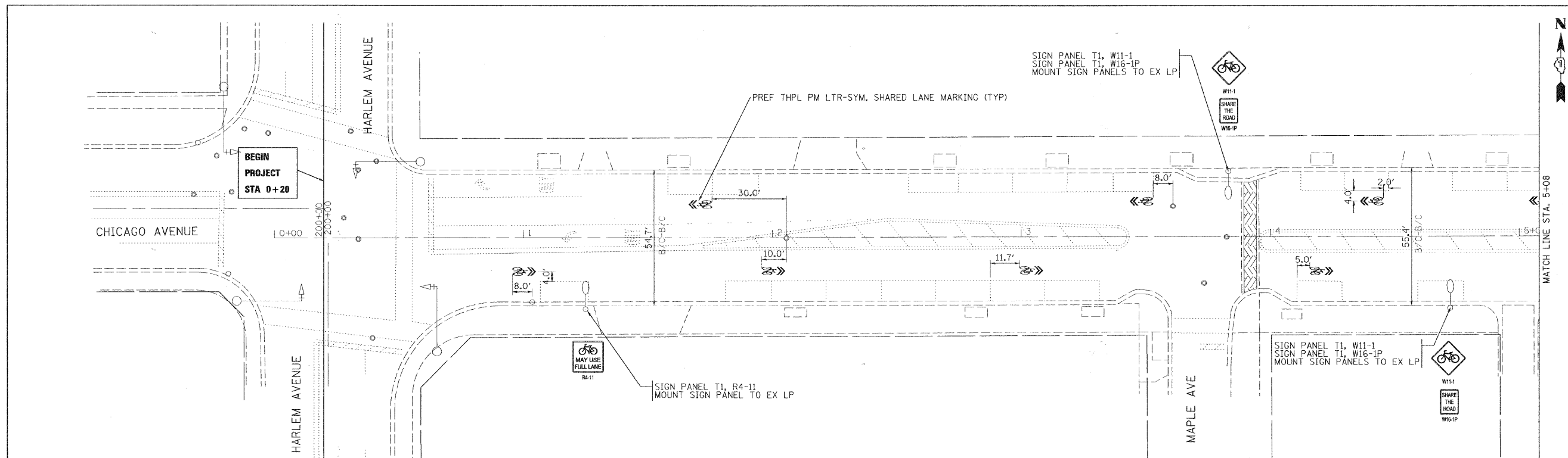
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PROPOSED TYPICAL SECTION  
 STA 0+20 TO STA 82+30, DIVISION ST  
 HARLEM AVE TO AUSTIN BLVD



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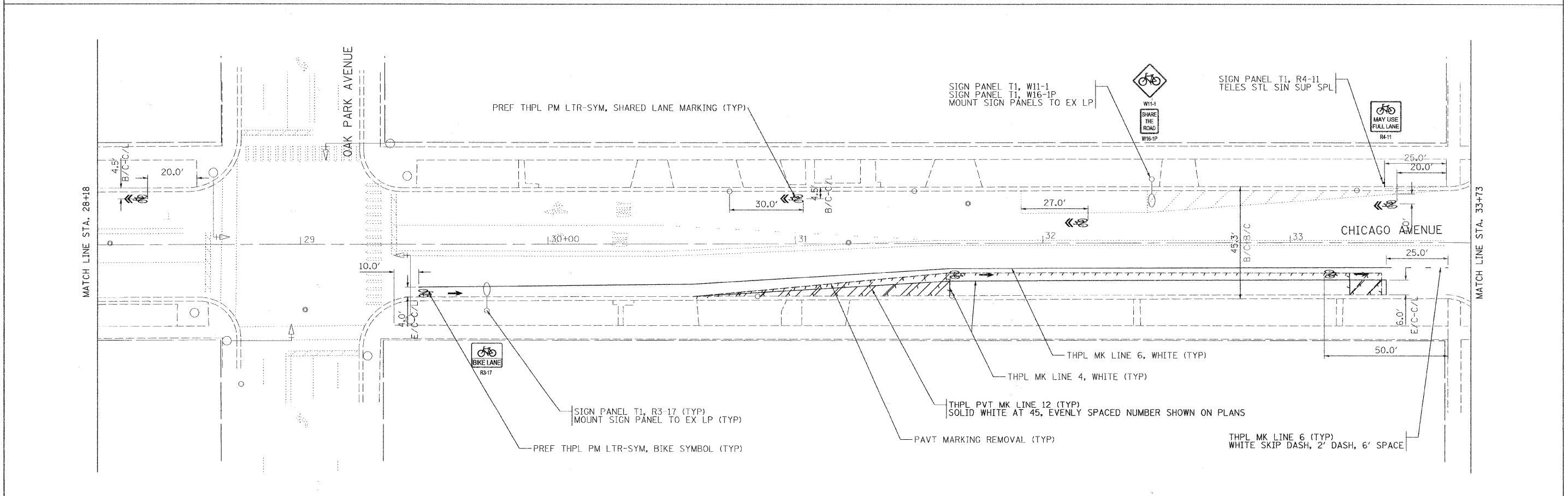
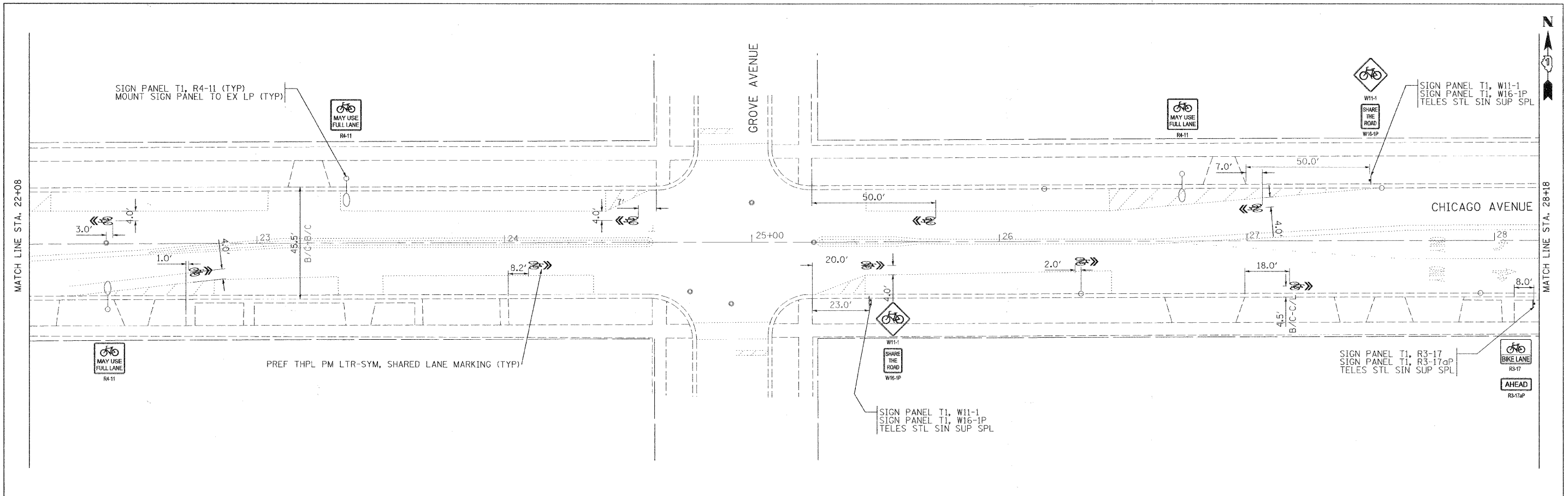
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ILLINOIS FED. AID PROJECT

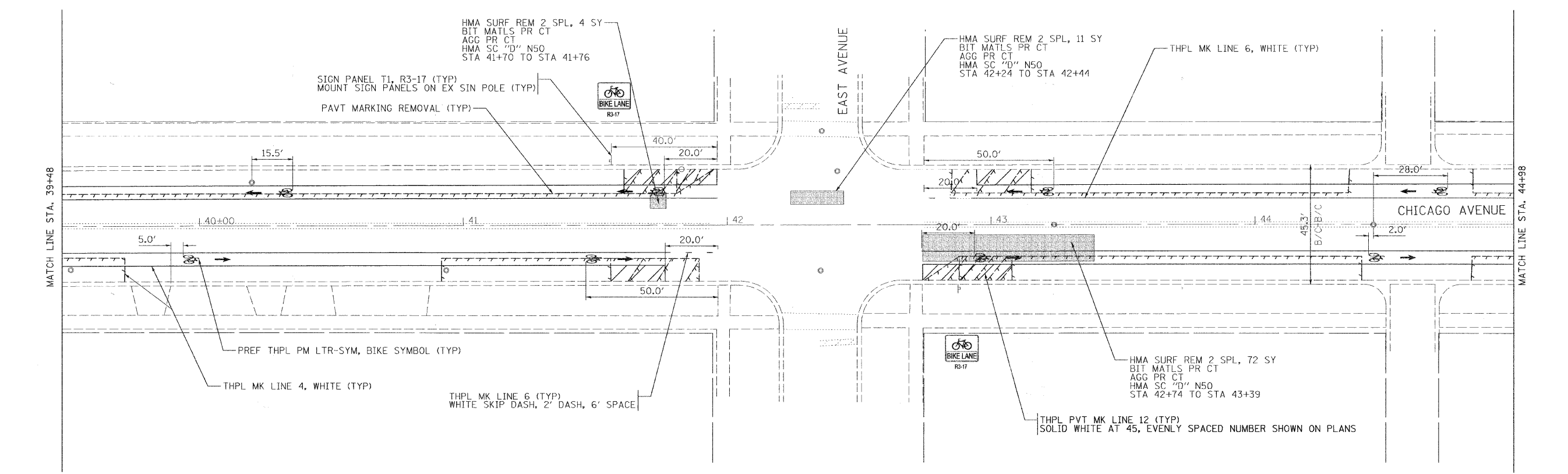
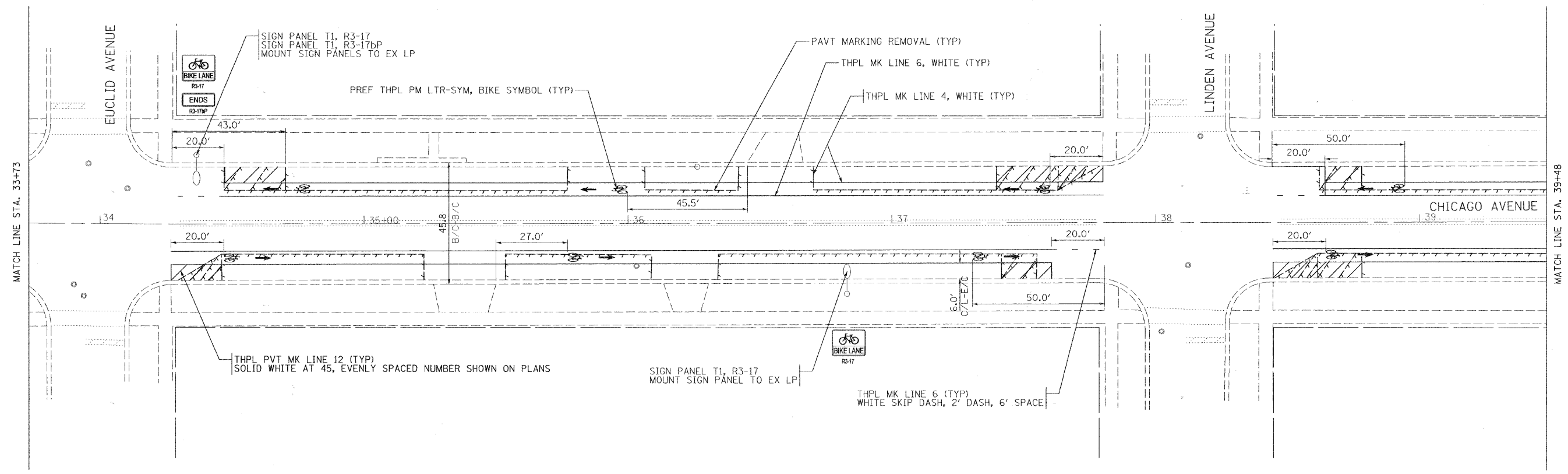
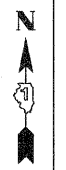




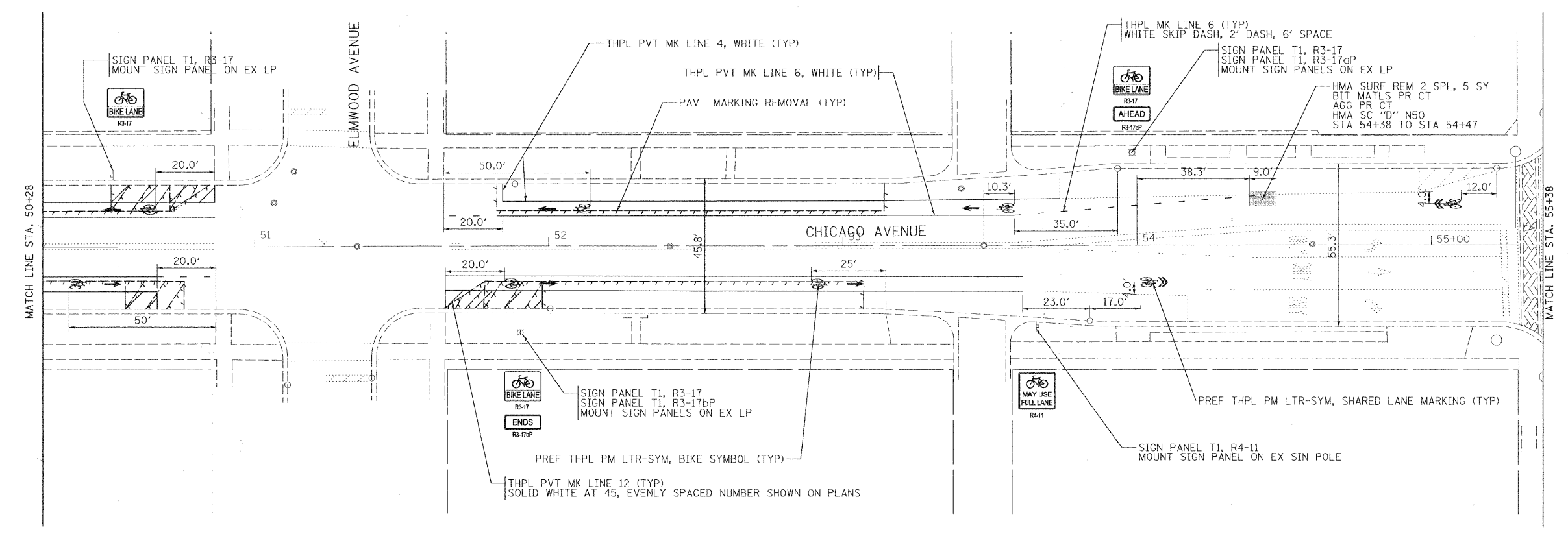
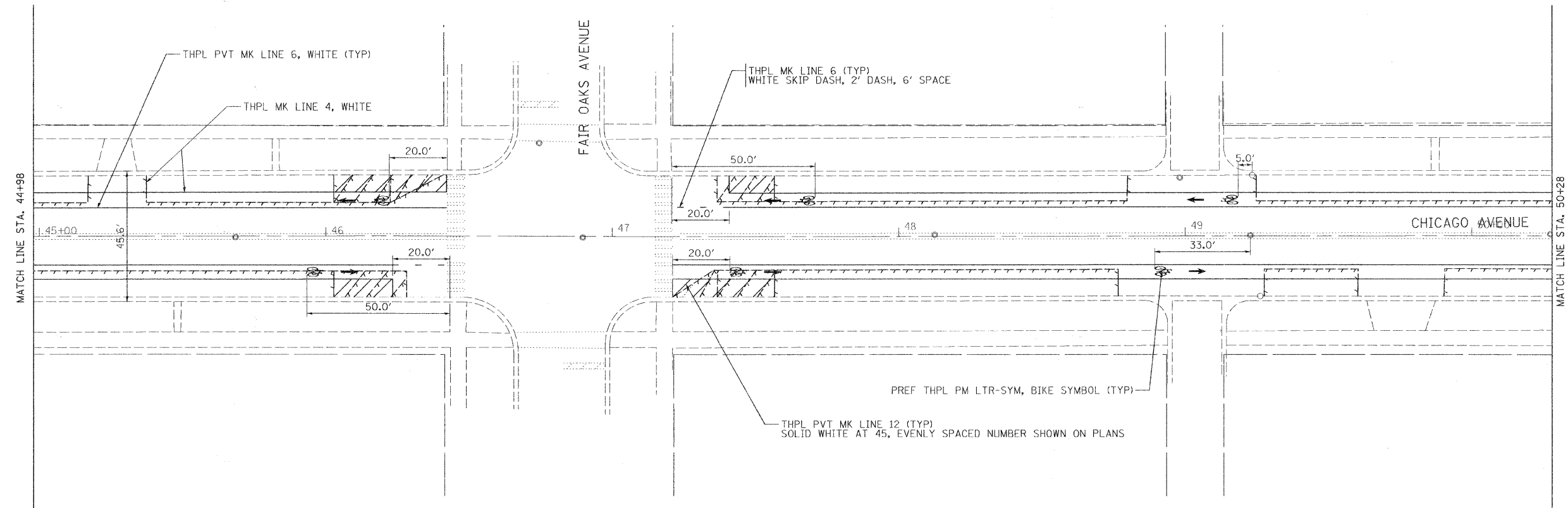
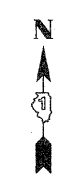




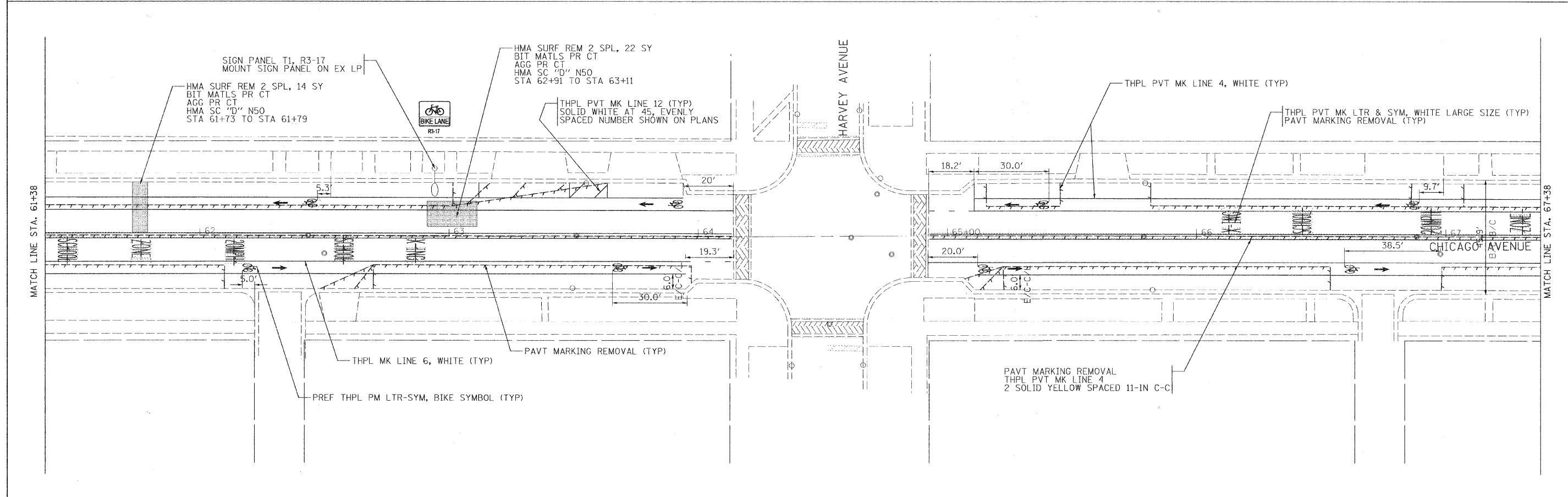
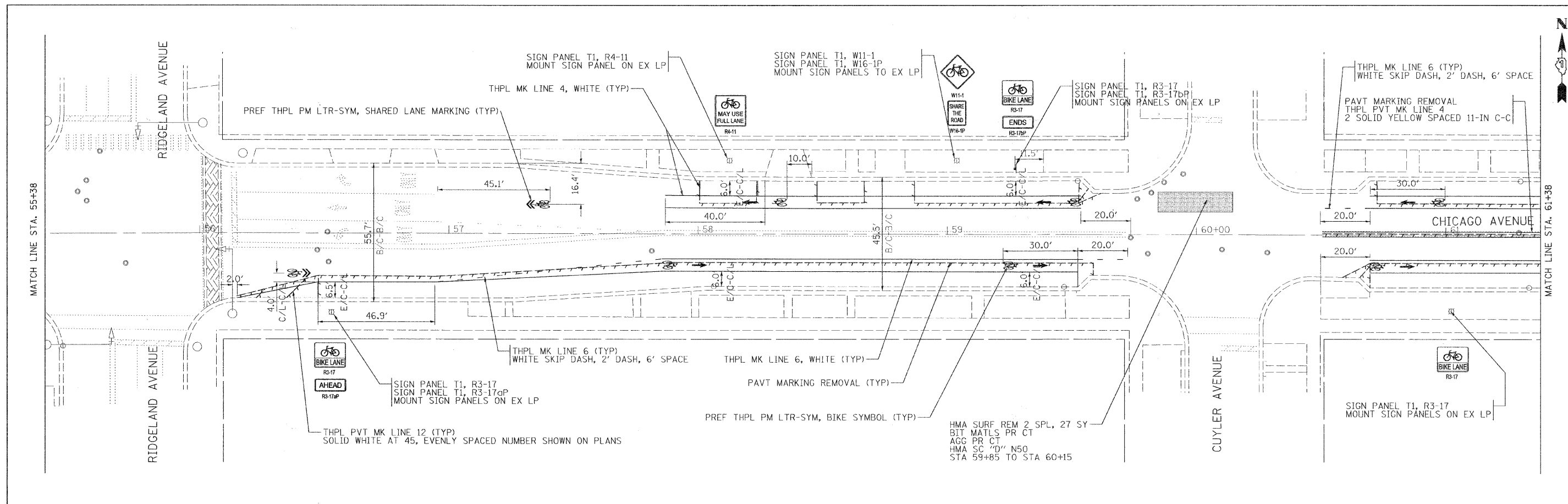
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		DATE - 10/29/2010	REVISED -								



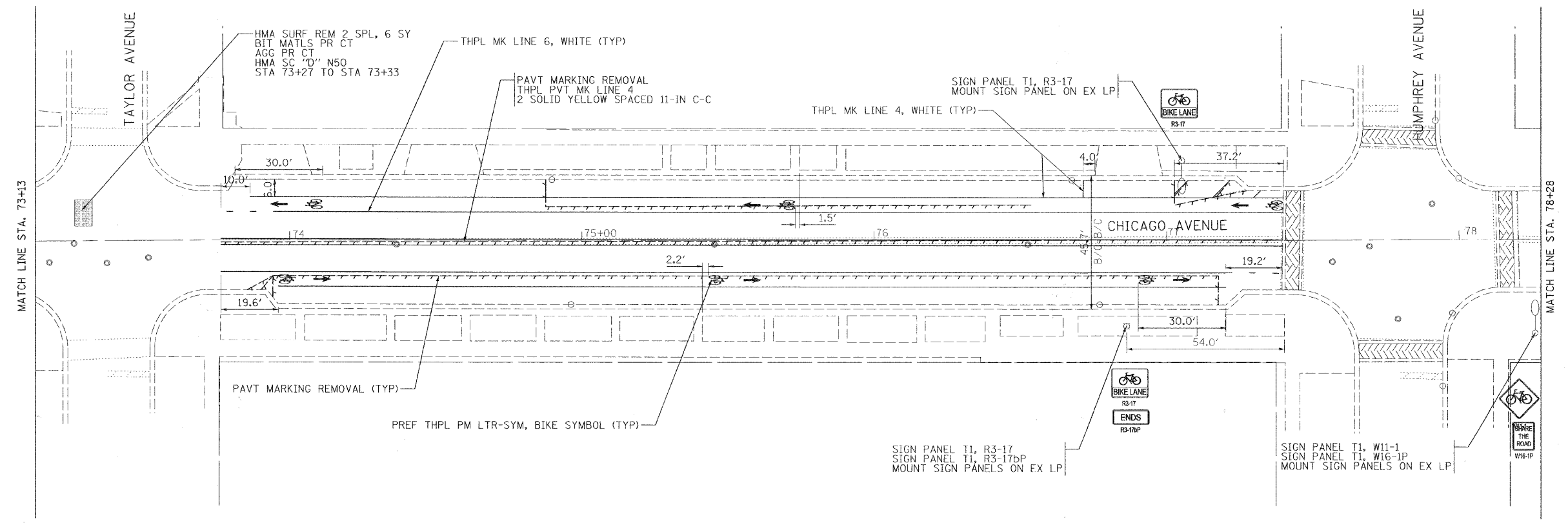
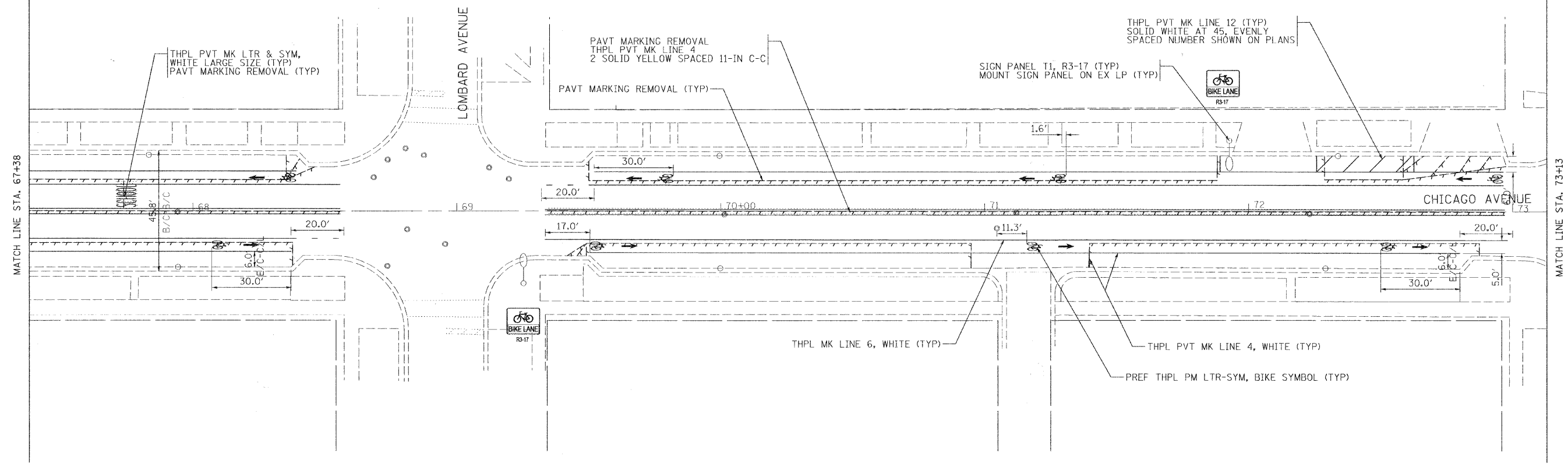
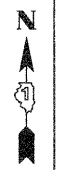
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	DATE - 10/29/2010	REVISIED -							CONTRACT NO. 63550		



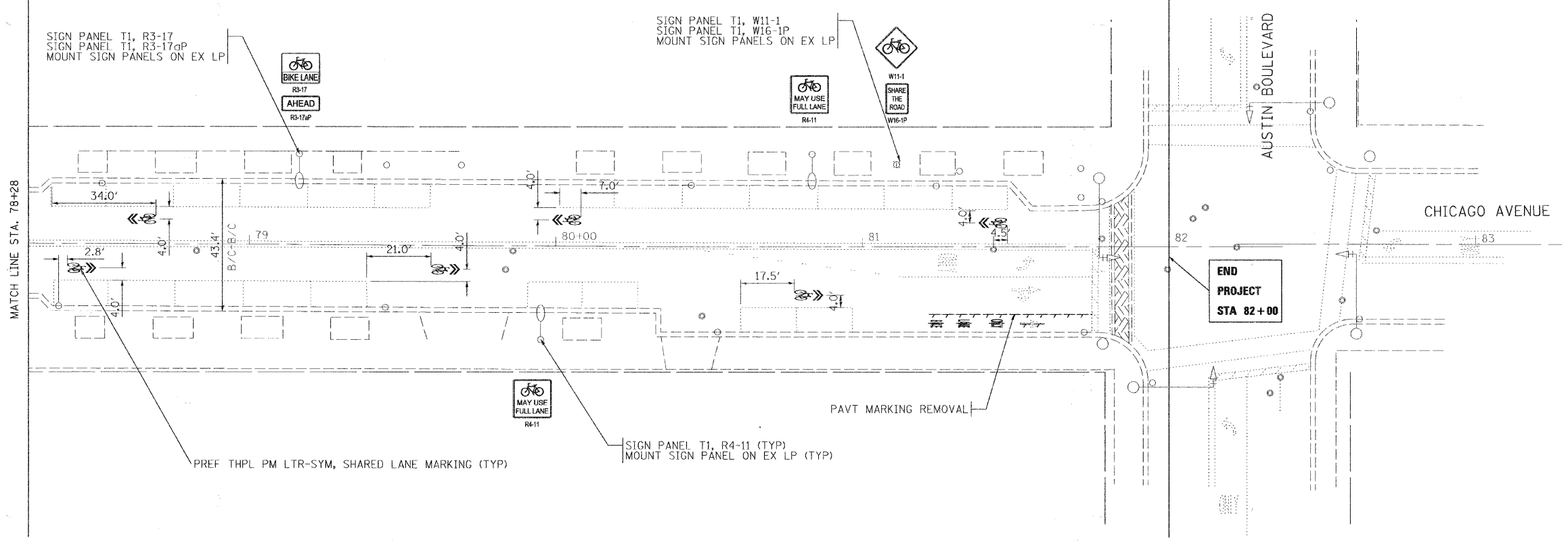
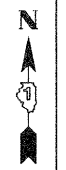
FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED - ELLEN MCKENNA	REVISED - 12/02/2010, EM	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>OAK PARK BIKE FACILITIES</b> <b>CHICAGO AVENUE</b>			F.A.U. RTE. 1394/ 1398	SECTION 10-00250-00-BT	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 11	
	PLOT SCALE = \$SCALE\$	CHECKED - WILLIAM MCKENNA	REVISED -		SCALE: 1:20	SHEET NO. 11 OF 33 SHEETS	STA. 44+98	TO STA. 55+38	CONTRACT NO. 63550				
	PLOT DATE = \$DATE\$	DATE - 10/29/2010	REVISED -		ILLINOIS FED. AID PROJECT								

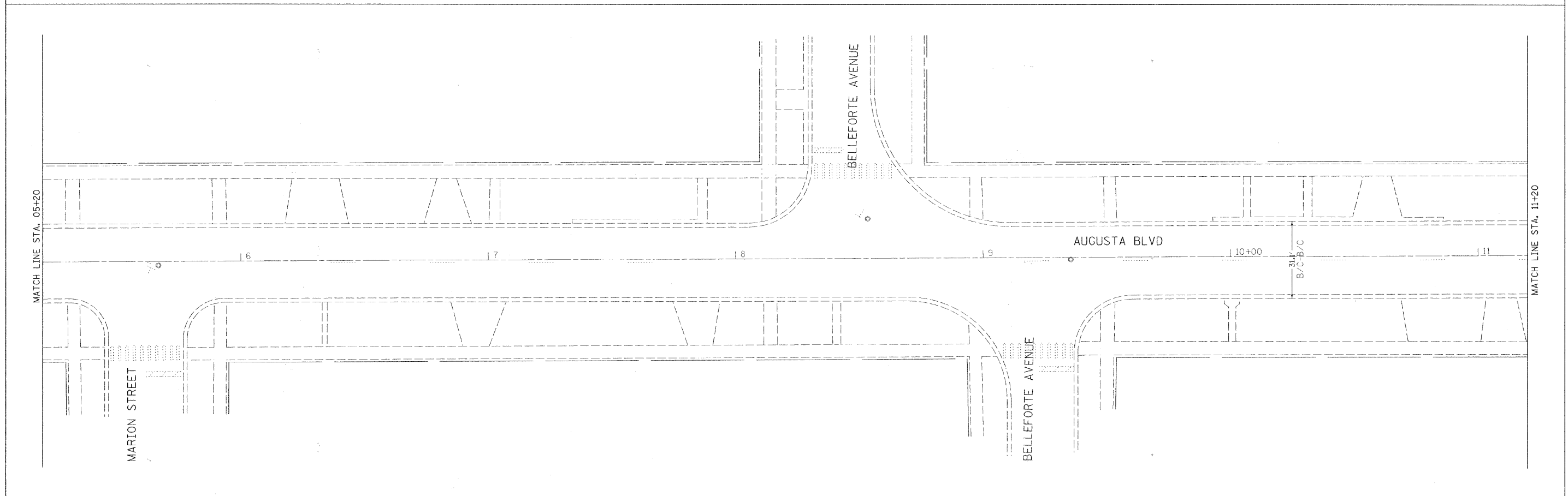
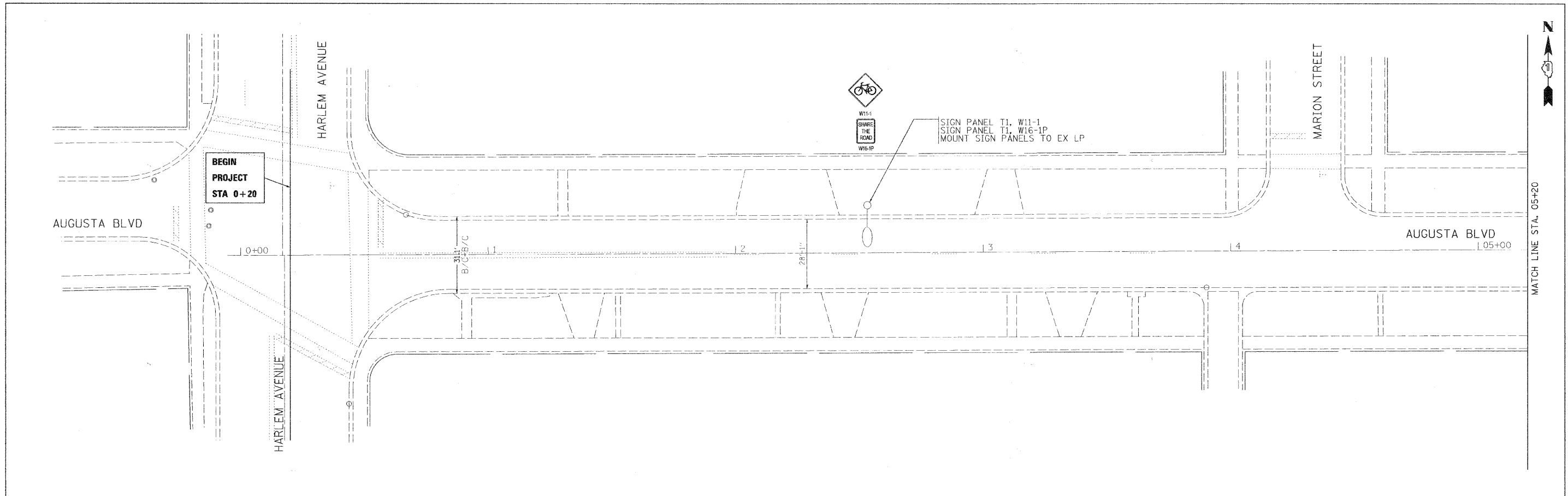


FILE NAME = \$FILE\$	USER NAME = \$USER\$	DESIGNED - ELLEN MCKENNA	REVISED - 12/02/2010, EM	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>OAK PARK BIKE FACILITIES CHICAGO AVENUE</b>	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALE\$	DRAWN - ELLEN MCKENNA	REVISED -			1394/ 1398	10-00250-00-BT	COOK	33	12	
	PLOT DATE = \$DATE\$	CHECKED - WILLIAM MCKENNA	REVISED -			SCALE: 1:20		SHEET NO. 12 OF 33 SHEETS		CONTRACT NO. 63550	
		DATE - 10/29/2010	REVISED -			STA. 55+38 TO STA. 67+38		[ILLINOIS] FED. AID PROJECT			



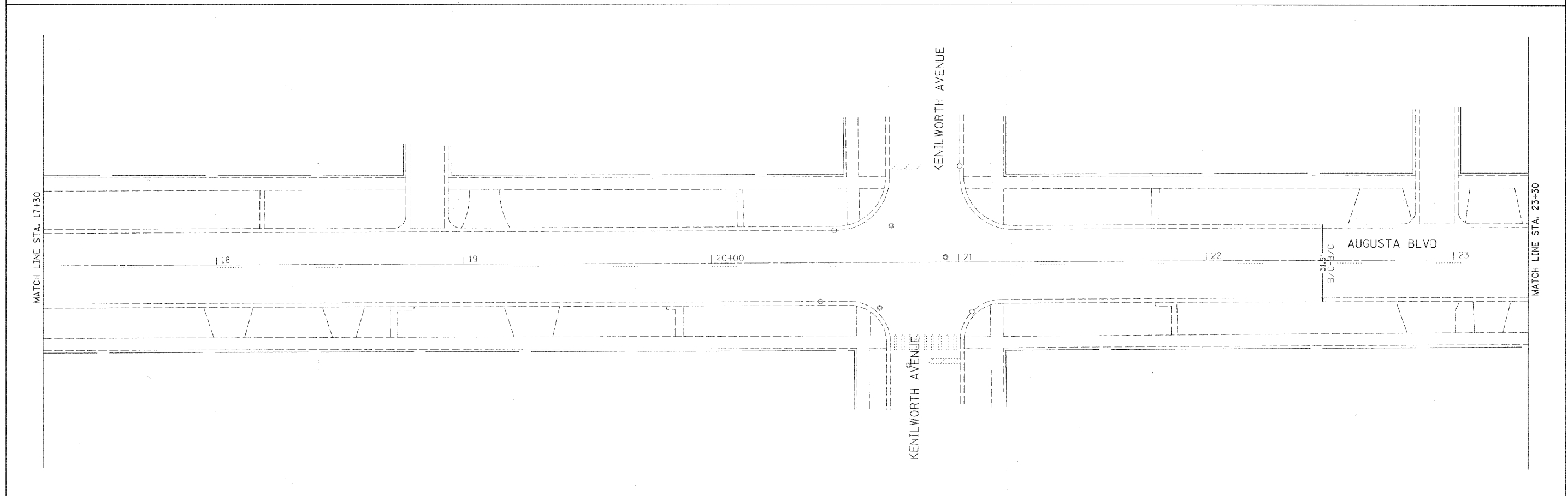
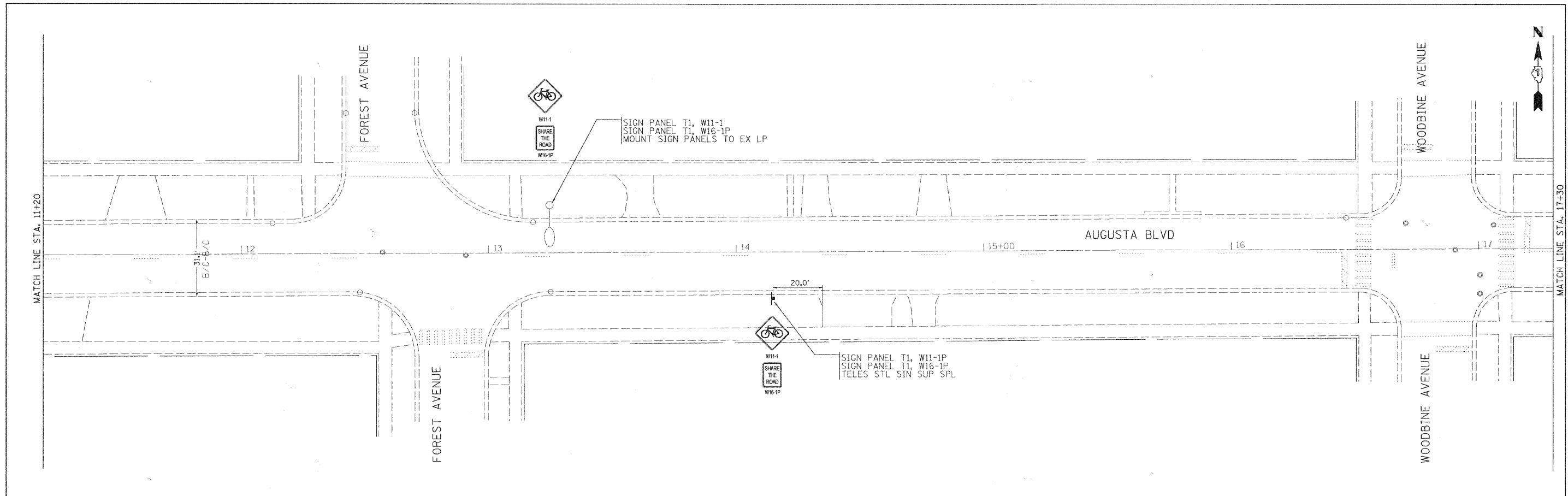
FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED - ELLEN MCKENNA	REVISED - 12/02/2010, EM	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>OAK PARK BIKE FACILITIES CHICAGO AVENUE</b>			F.A.U. RTE. 1394/ 1398	SECTION 10-00250-00-BT	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 13
	PLOT SCALE = \$SCALE\$	CHECKED - WILLIAM MCKENNA	REVISED -		SCALE: 1:20	SHEET NO. 13 OF 33 SHEETS	STA. 67+38	TO STA. 78+28	CONTRACT NO. 63550			
	PLOT DATE = \$DATE\$	DATE - 10/29/2010	REVISED -		ILLINOIS FED. AID PROJECT							





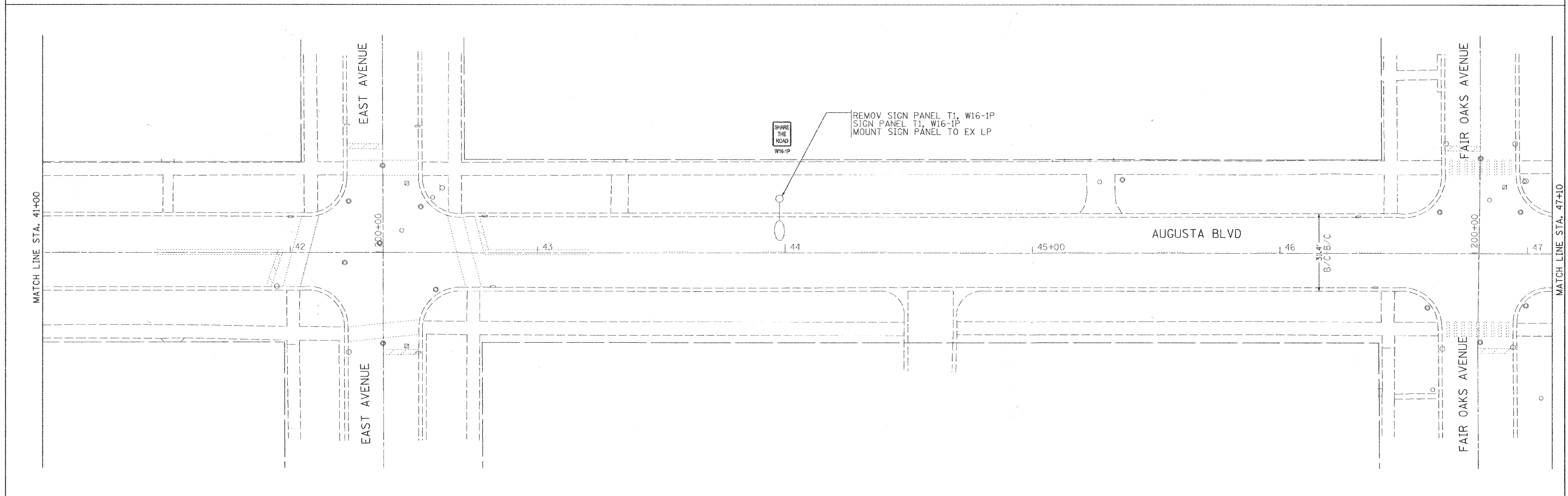
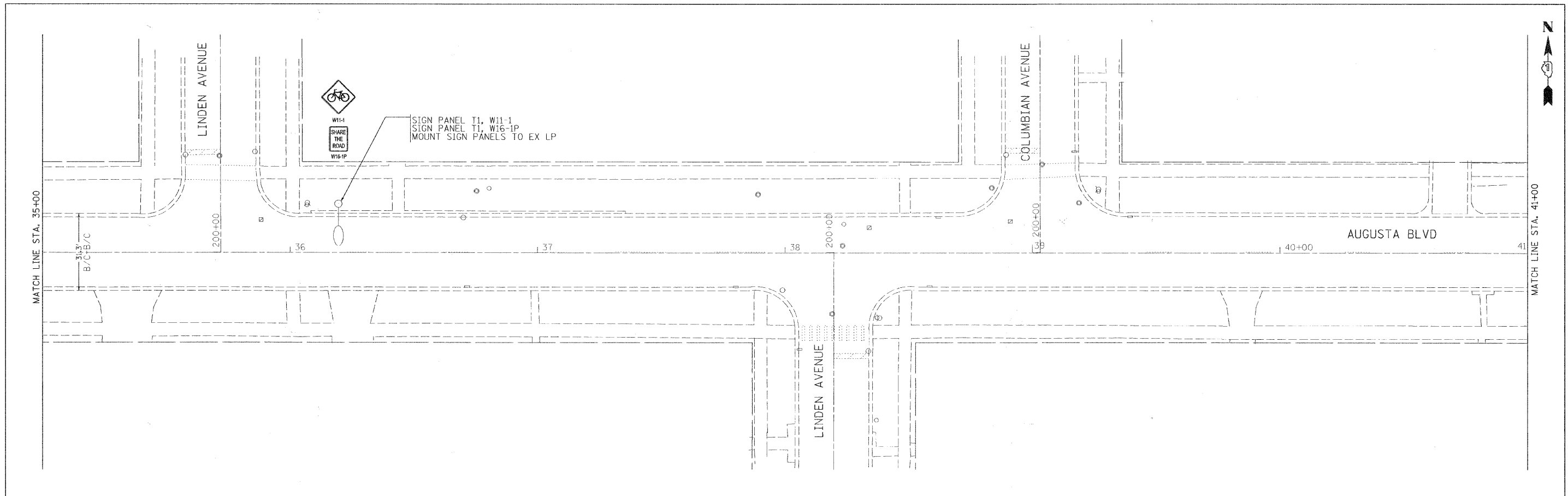
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	PLOT SCALE = #SCALE#	DRAWN - ELLEN MCKENNA	REVISED -		SCALE: 1:20	SHEET NO. 15 OF 33 SHEETS	STA. 00+20	CONTRACT NO. 63550		ILLINOIS FED. AID PROJECT	
	PLOT DATE = #DATE#	CHECKED - WILLIAM MCKENNA	REVISED -		TO STA. 11+20						
		DATE - 10/29/2010	REVISED -								



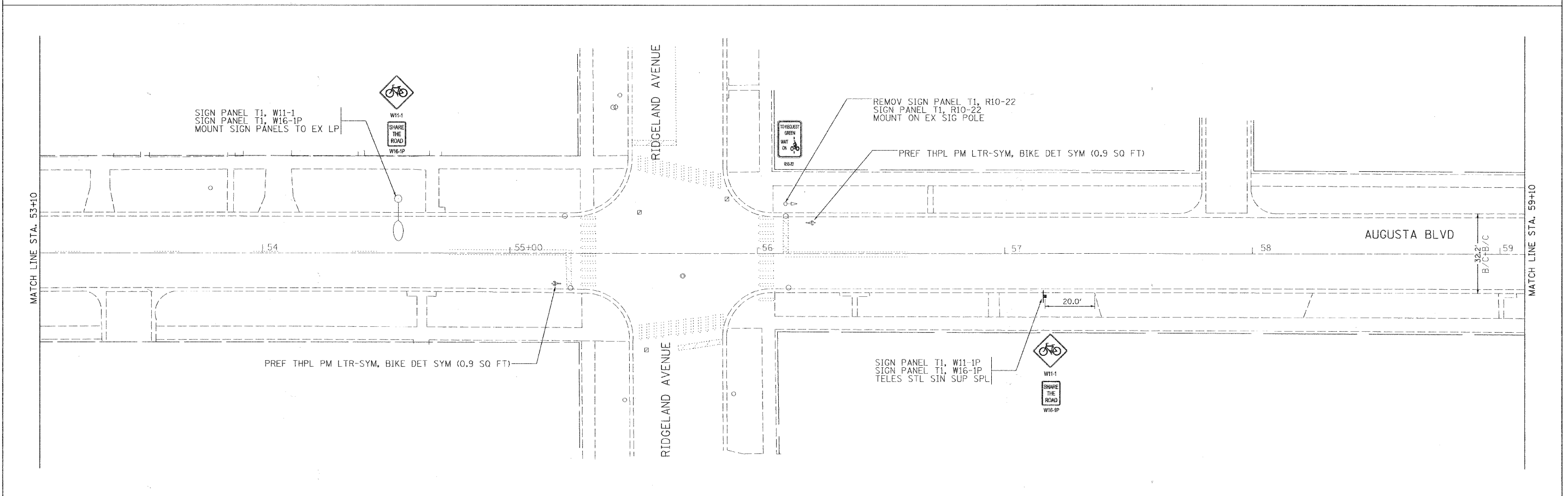
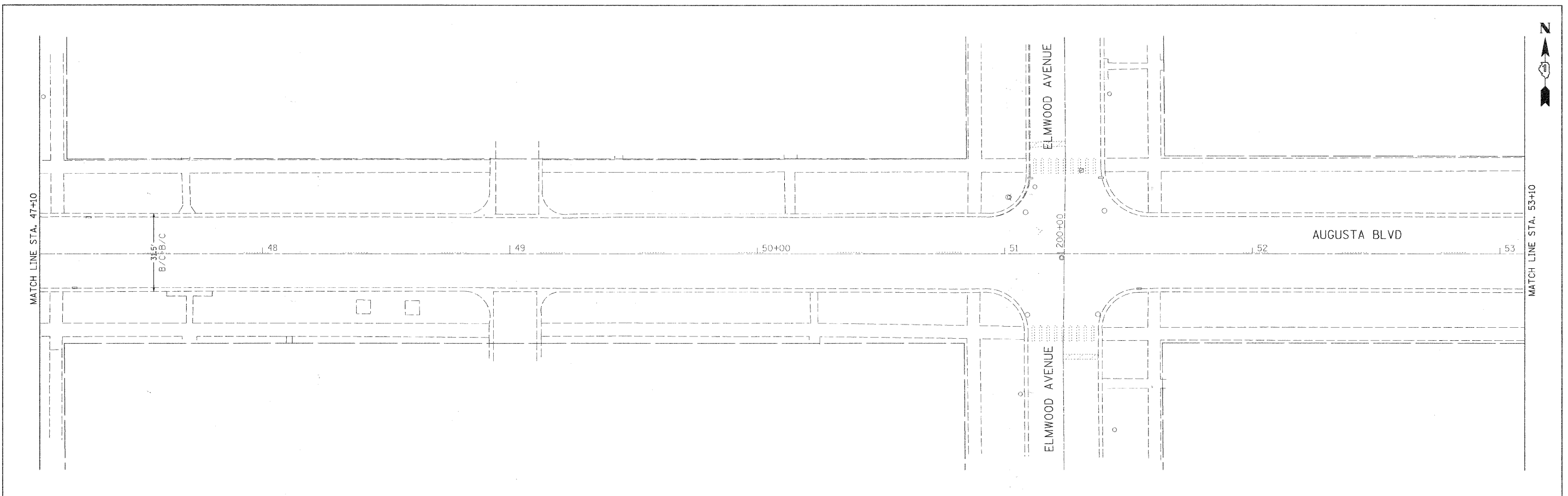


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	PLOT SCALE = #SCALE#	DRAWN - ELLEN MCKENNA	REVISED -		SCALE: 1:20	SHEET NO. 16 OF 33 SHEETS	STA. 11+20	TO STA. 23+30	CONTRACT NO. 63550			
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		DATE - 10/29/2010	REVISED -									

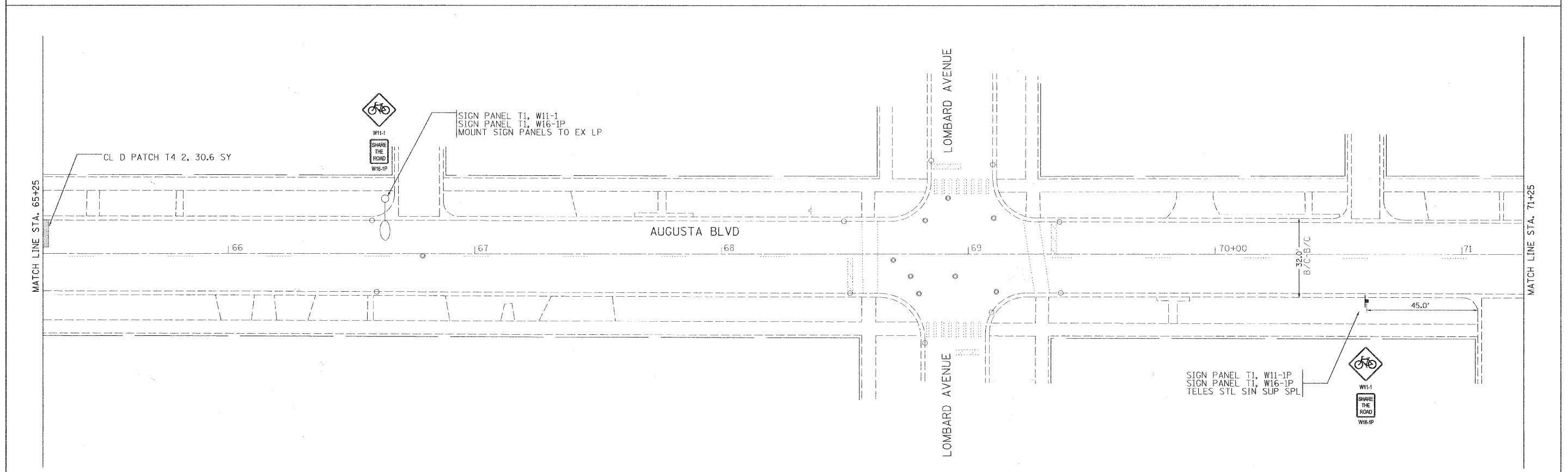
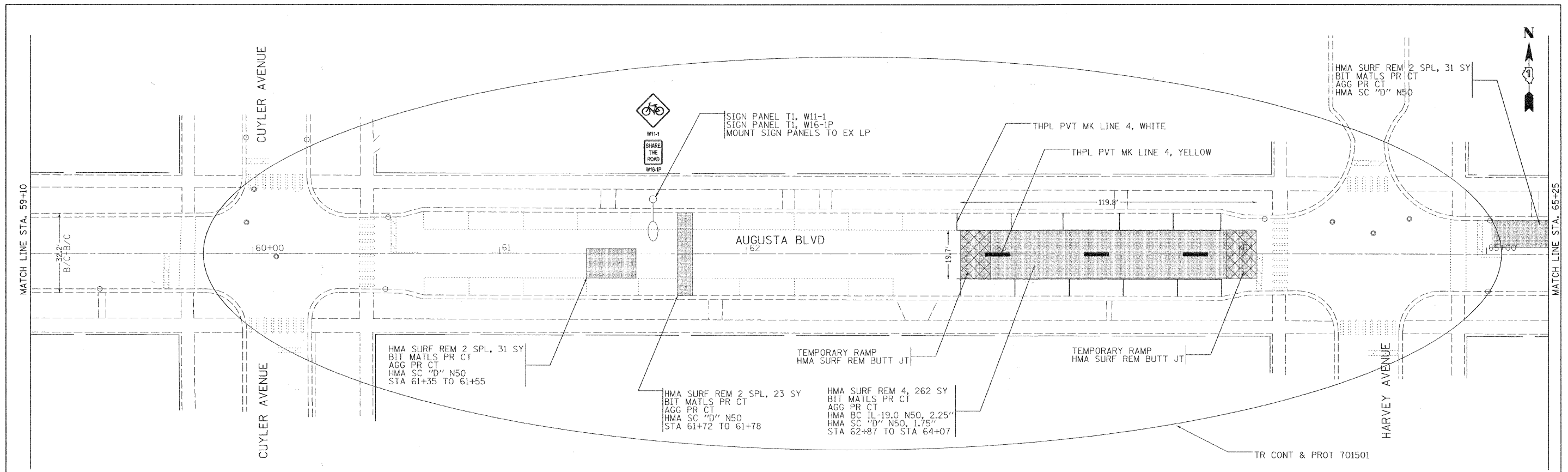




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	PLOT SCALE = #SCALE#	DRAWN - ELLEN MCKENNA	REVISED -		1394/ 1398	10-00250-00-BT	COOK	33	18		
PLOT DATE = #DATE#	CHECKED - WILLIAM MCKENNA	REVISED -			CONTRACT NO. 63550			ILLINOIS FED. AID PROJECT			
	DATE - 10/29/2010	REVISED -			SCALE: 1:20	SHEET NO. 18 OF 33 SHEETS	STA. 35+00 TO STA. 47+10				

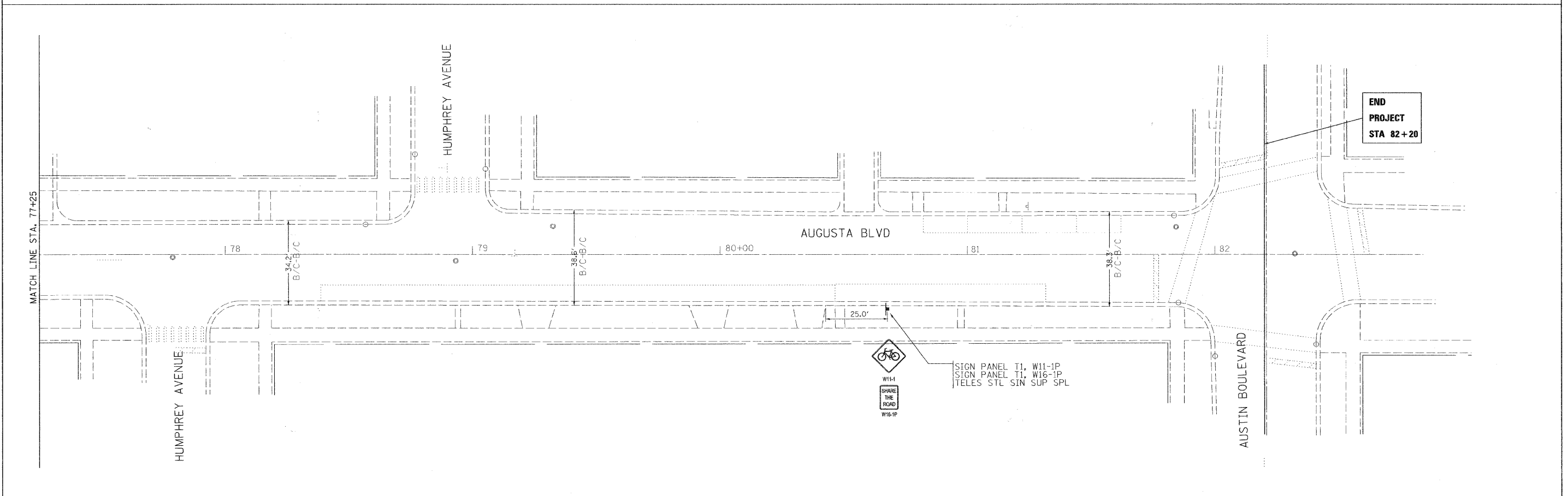
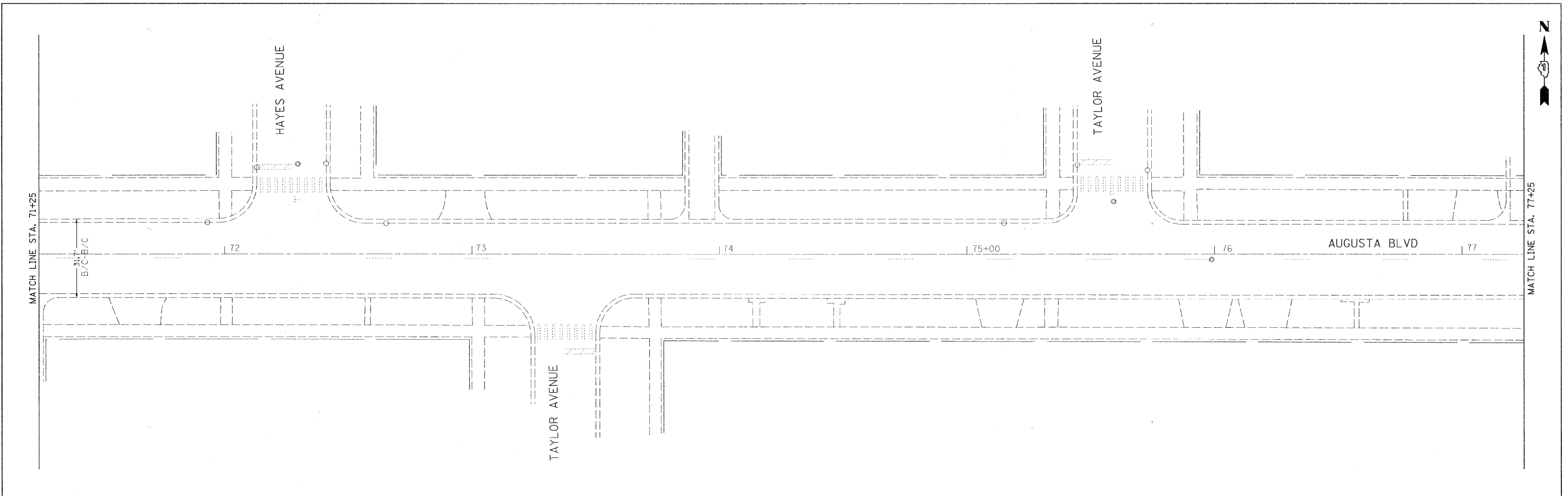


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\$FILEL\$		DRAWN - ELLEN MCKENNA	REVISED -		SCALE: 1:20	SHEET NO. 19 OF 33 SHEETS	STA. 47+10	TO STA. 59+10	1394/ 1398	10-00250-00-BT	COOK	33	19
		CHECKED - WILLIAM MCKENNA	REVISED -									CONTRACT NO. 63550	
		DATE - 10/29/2010	REVISED -									ILLINOIS FED. AID PROJECT	

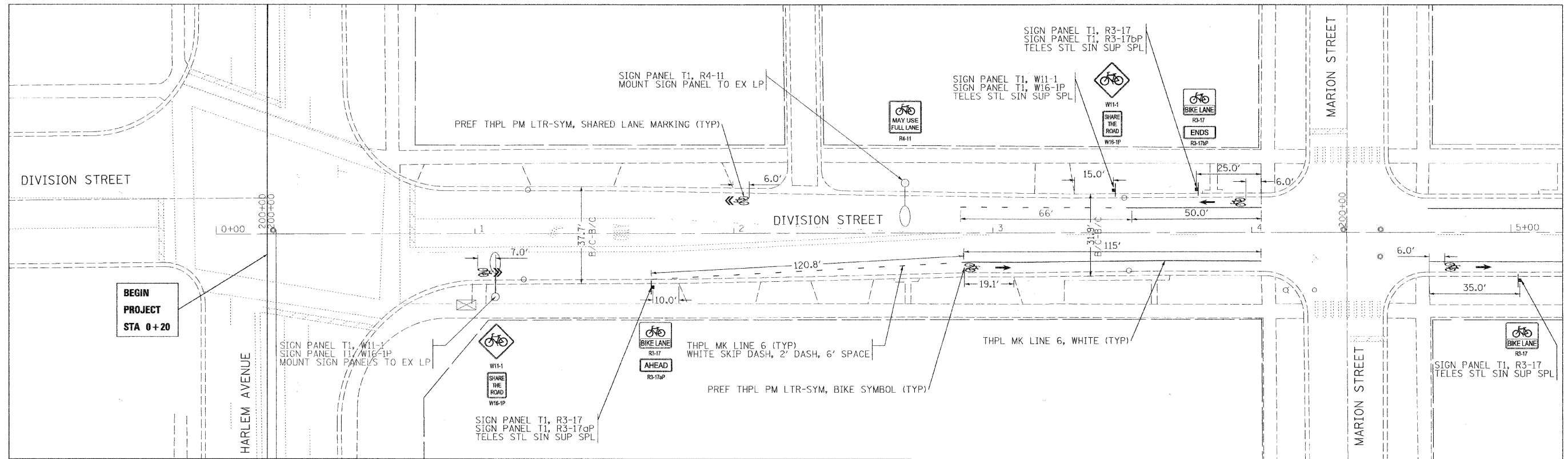
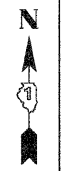


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#FILE#		DRAWN - ELLEN MCKENNA	REVISED -		1394/	10-00250-00-BT	COOK	33	20			
	PLOT SCALE = \$SCALE\$	CHECKED - WILLIAM MCKENNA	REVISED -		1398					CONTRACT NO. 63550		
	PLOT DATE = \$DATE\$	DATE - 10/29/2010	REVISED -		ILLINOIS FED. AID PROJECT							

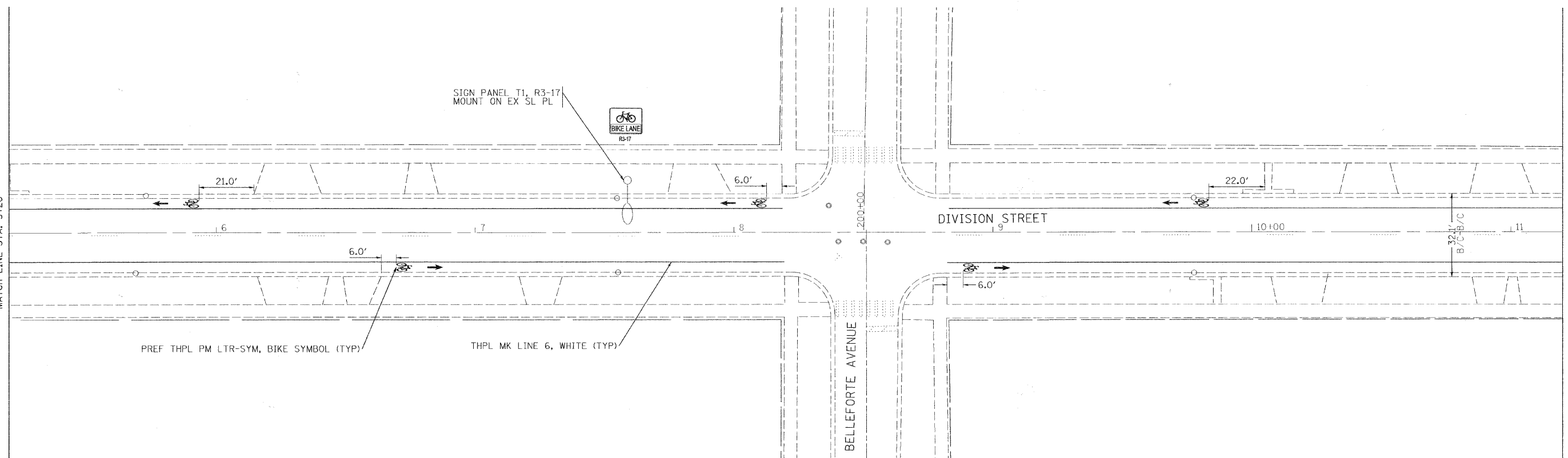
SCALE: 1:20 SHEET NO. 20 OF 33 SHEETS STA. 59+10 TO STA. 71+25



FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED - ELLEN MCKENNA	REVISED - 12/02/2010, EM	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>OAK PARK BIKE FACILITIES</b> <b>AUGUSTA BOULEVARD</b>			F.A.U. RTE. 1394/ 1398	SECTION 10-00250-00-BT	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 21	
	PLOT SCALE = \$SCALE\$	CHECKED - WILLIAM MCKENNA	REVISED -		SCALE: 1:20	SHEET NO. 21 OF 33 SHEETS	STA. 71+25	TO STA. 82+20	CONTRACT NO. 63550				
	PLOT DATE = \$DATE\$	DATE - 10/29/2010	REVISED -		ILLINOIS FED. AID PROJECT								



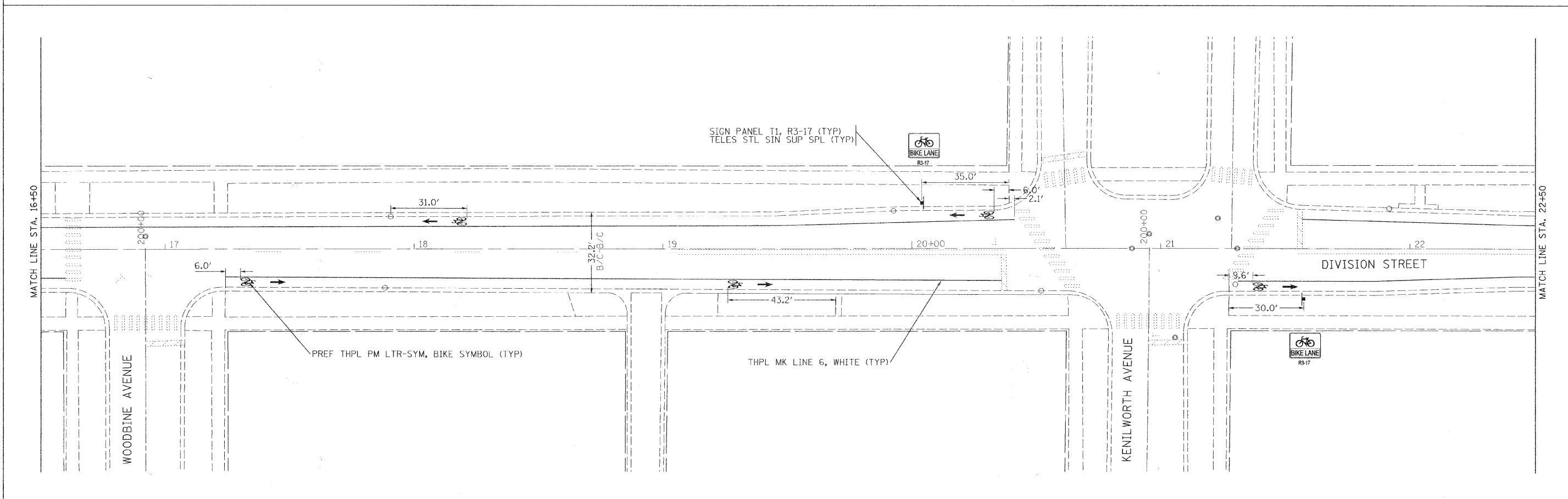
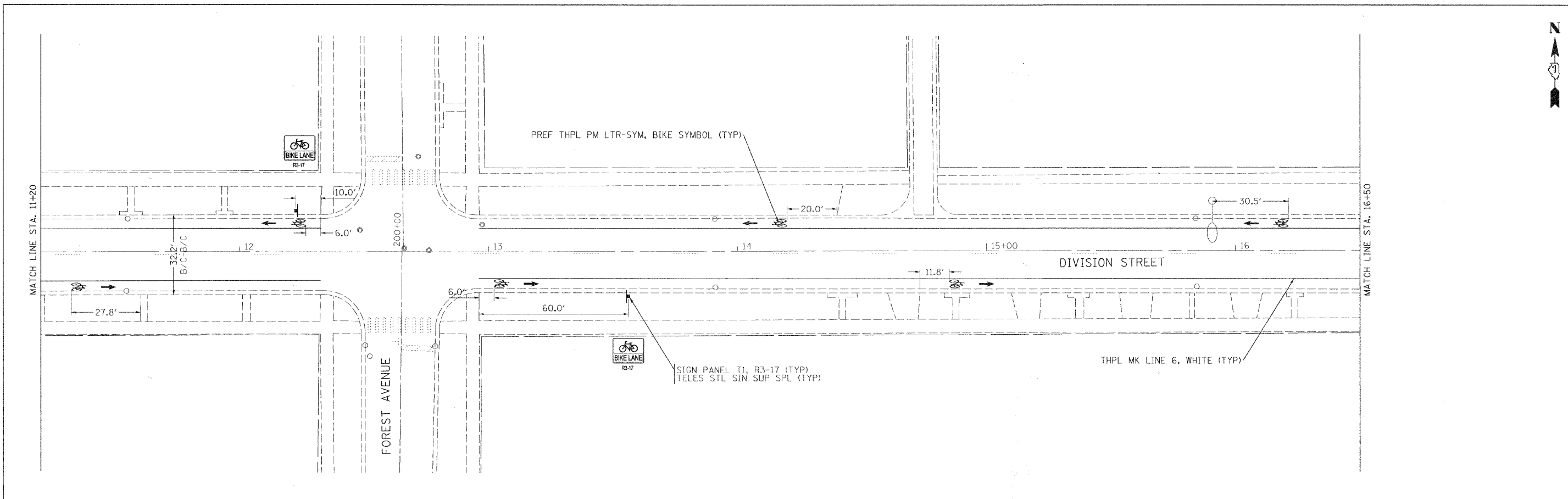
MATCH LINE STA. 5+20



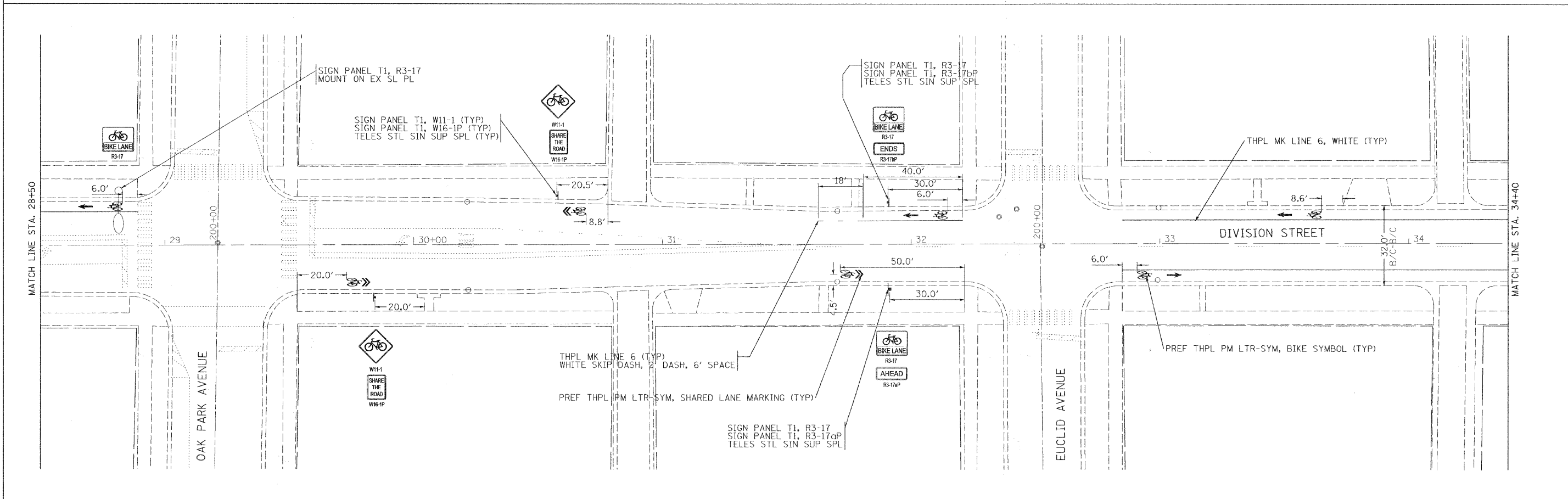
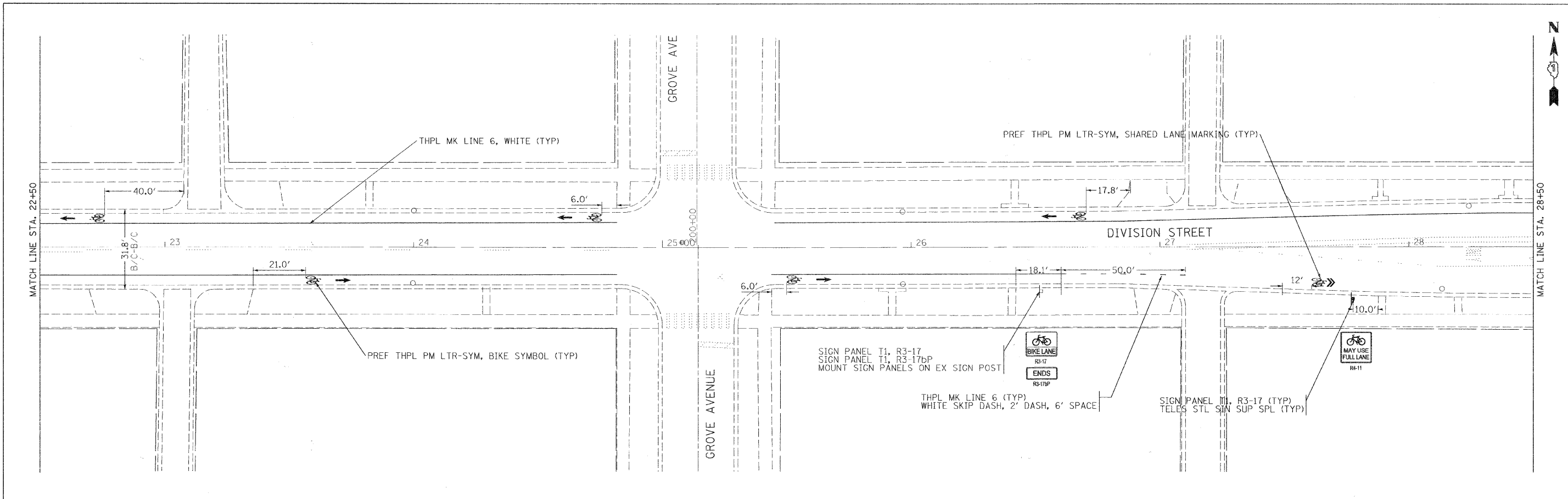
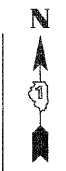
MATCH LINE STA. 11+20

FILE NAME = \$FILEL#	USER NAME = #USER#	DESIGNED - ELLEN MCKENNA	REVISED - 12/02/2010, EM	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>OAK PARK BIKE FACILITIES DIVISION STREET</b>			F.A.U. RTE. 1394/ 1398	SECTION 10-00250-00-BT	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 22	
	PLOT SCALE = #SCALE#	DRAWN - ELLEN MCKENNA	REVISED -		SCALE: 1:20	SHEET NO. 22 OF 33 SHEETS	STA. 0+20	TO STA. 11+20	CONTRACT NO. 63550				
	PLOT DATE = #DATE#	CHECKED - WILLIAM MCKENNA	REVISED -		ILLINOIS FED. AID PROJECT								
	DATE - 10/29/2010	DATE -	REVISED -										

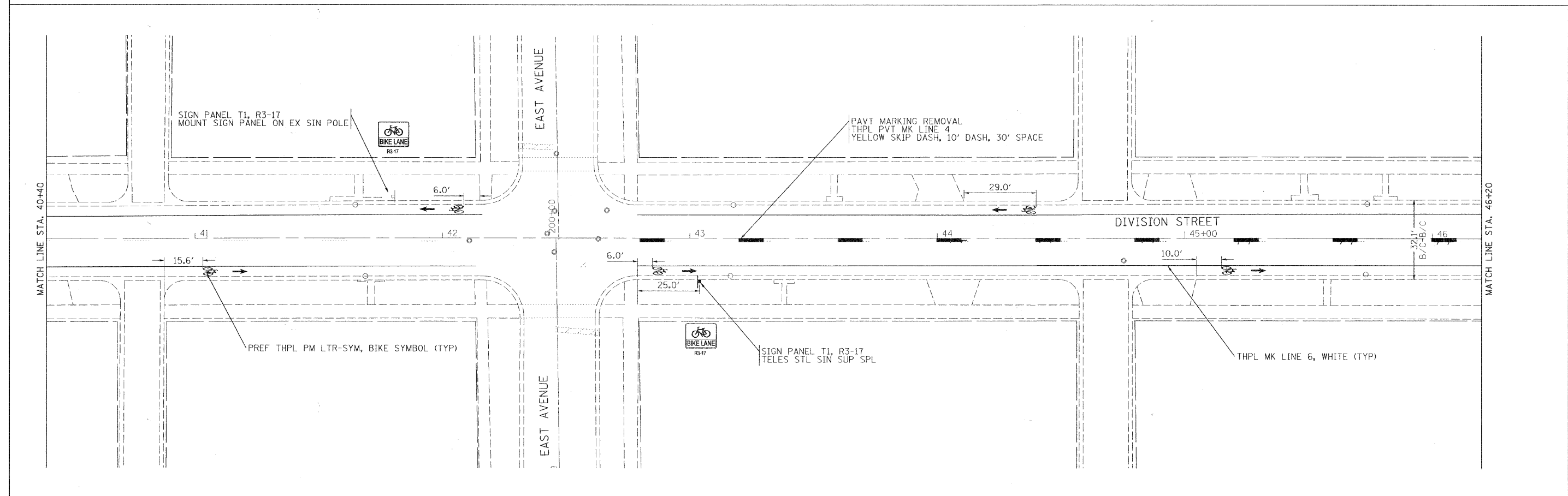
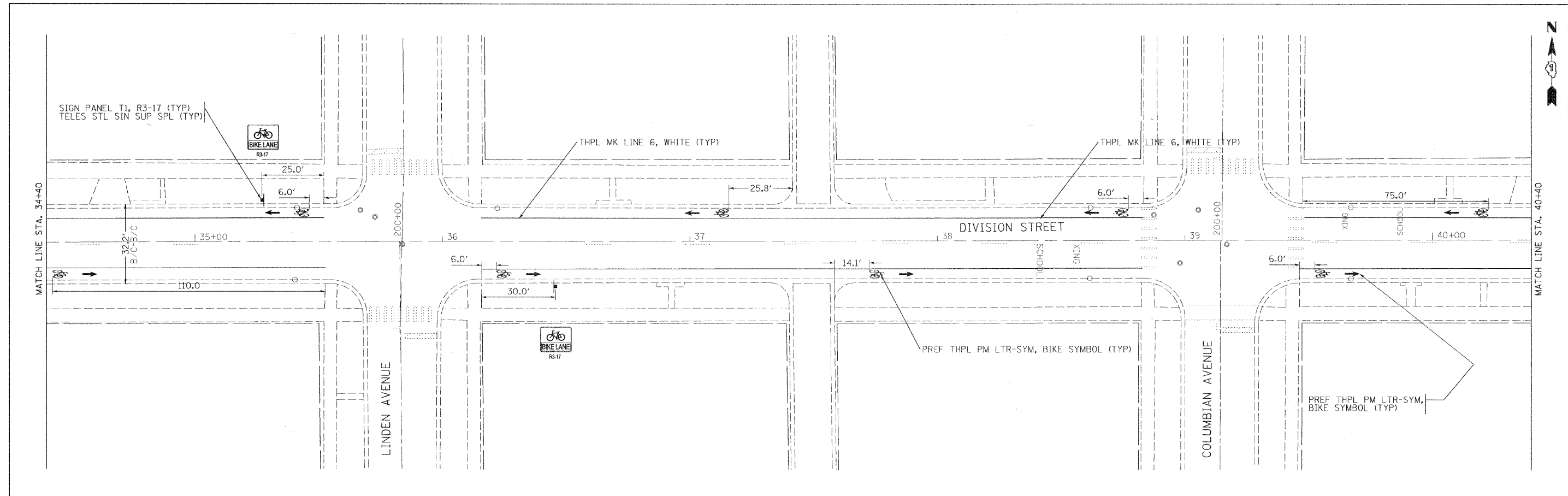




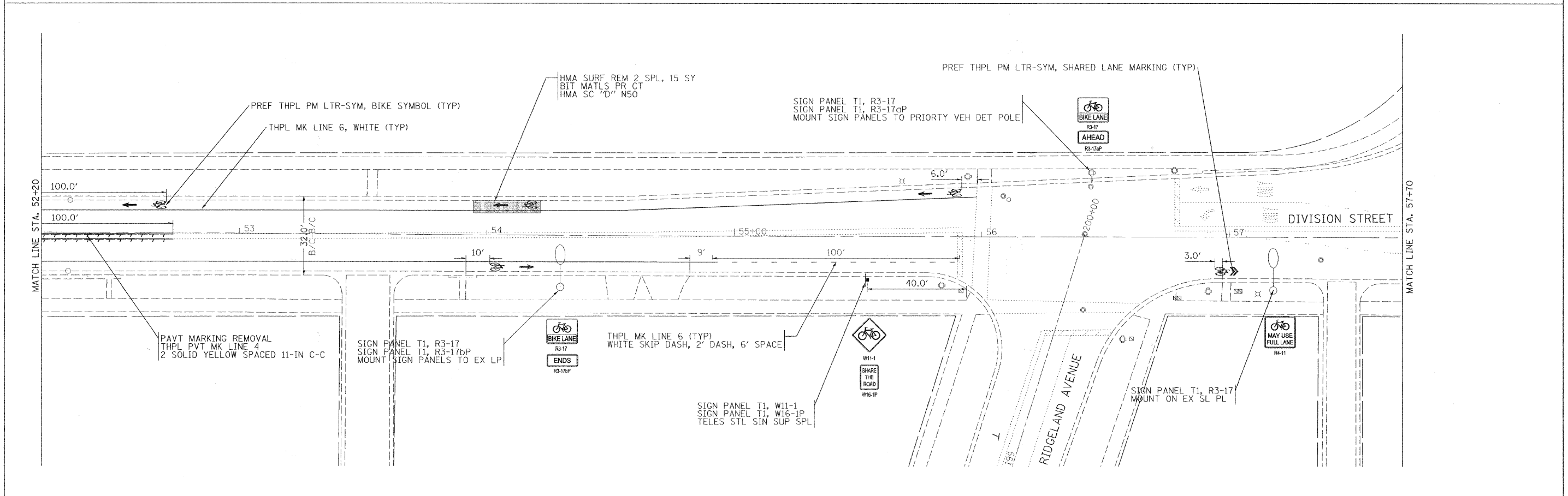
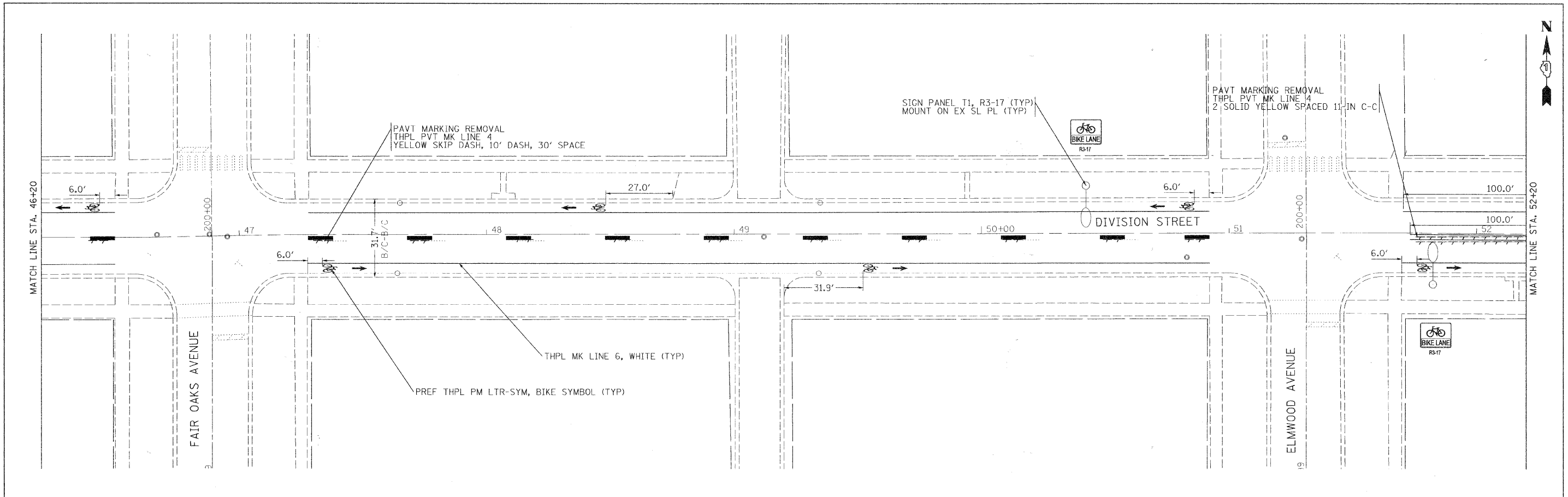
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#PLOT#	PLOT SCALE = \$SCALE#	DRAWN - ELLEN MCKENNA	REVISED -		SCALE: 1:20	SHEET NO. 23 OF 33 SHEETS	STA. 11+20 TO STA. 22+50	1394/1398	10-00250-00-BT	COOK	33	23
	PLOT DATE = \$DATE#	CHECKED - WILLIAM MCKENNA	REVISED -		CONTRACT NO. 63550							
		DATE - 10/29/2010	REVISED -		ILLINOIS FED. AID PROJECT							



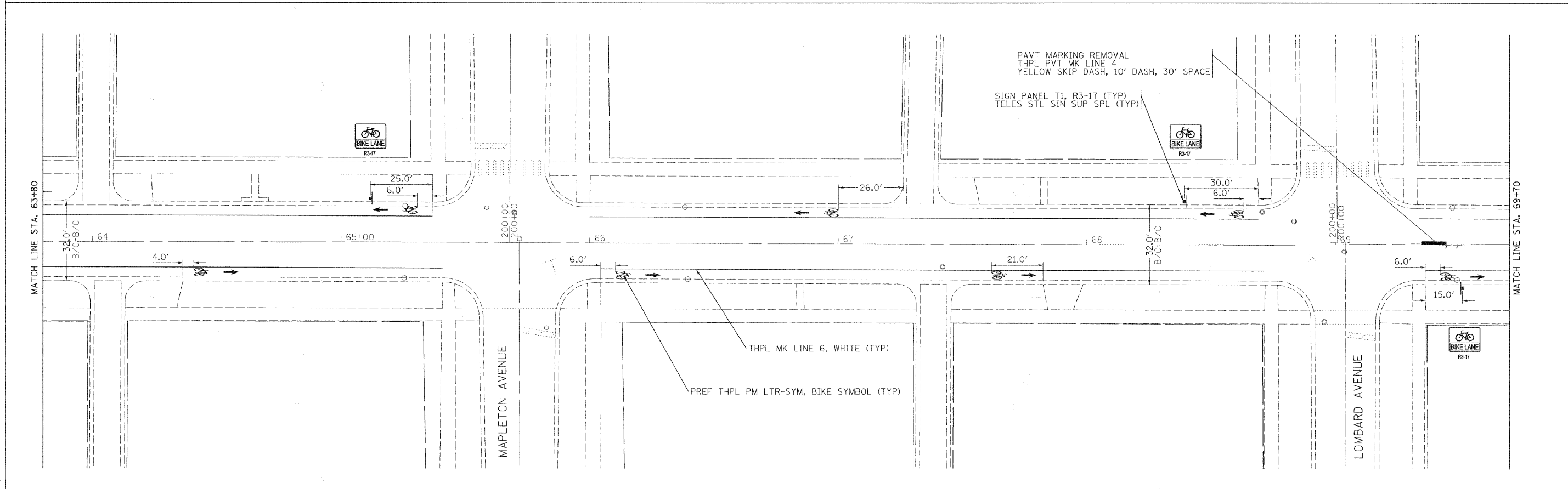
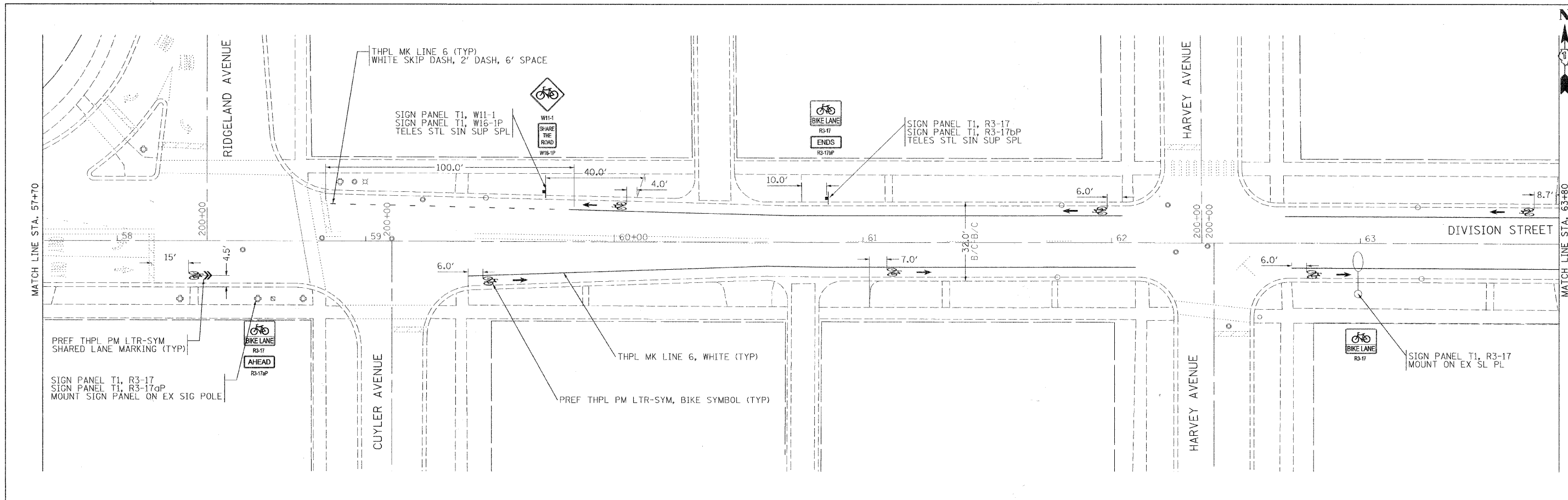
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	PLOT SCALE = #SCALE#	DRAWN - ELLEN MCKENNA	REVISED -		1394/	10-00250-00-BT	COOK	33	24		
	PLOT DATE = #DATE#	CHECKED - WILLIAM MCKENNA	REVISED -		1398						
		DATE - 10/29/2010	REVISED -			CONTRACT NO. 63550			ILLINOIS FED. AID PROJECT		
				SCALE: 1:20	SHEET NO. 24 OF 33 SHEETS	STA. 22+50	TO STA. 34+40				



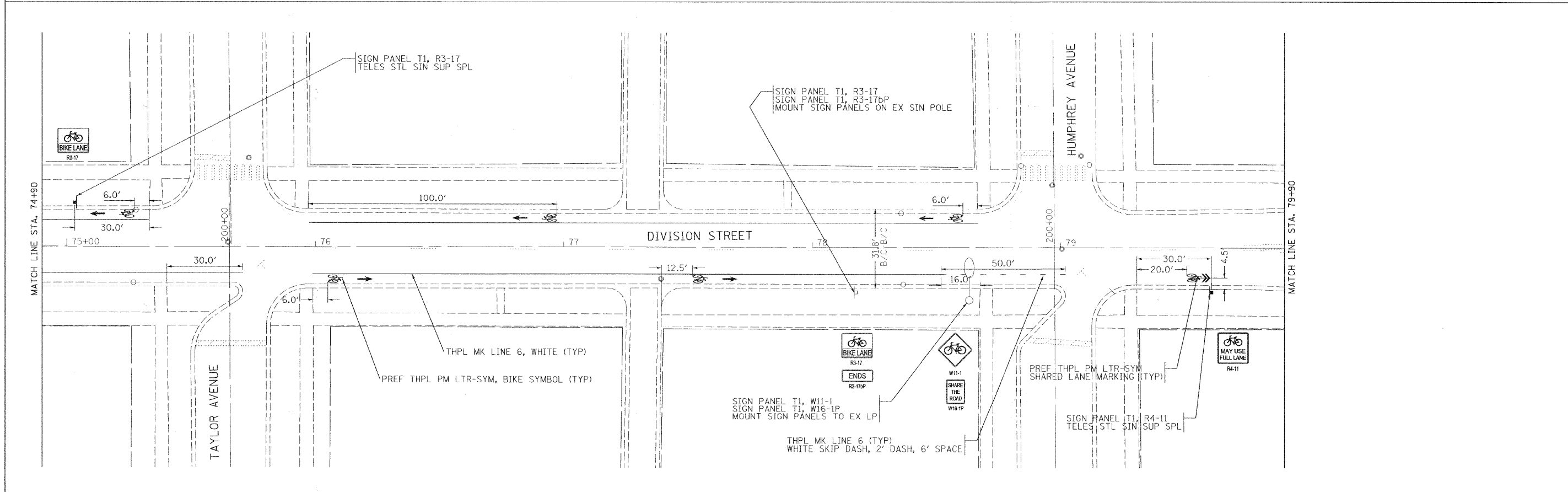
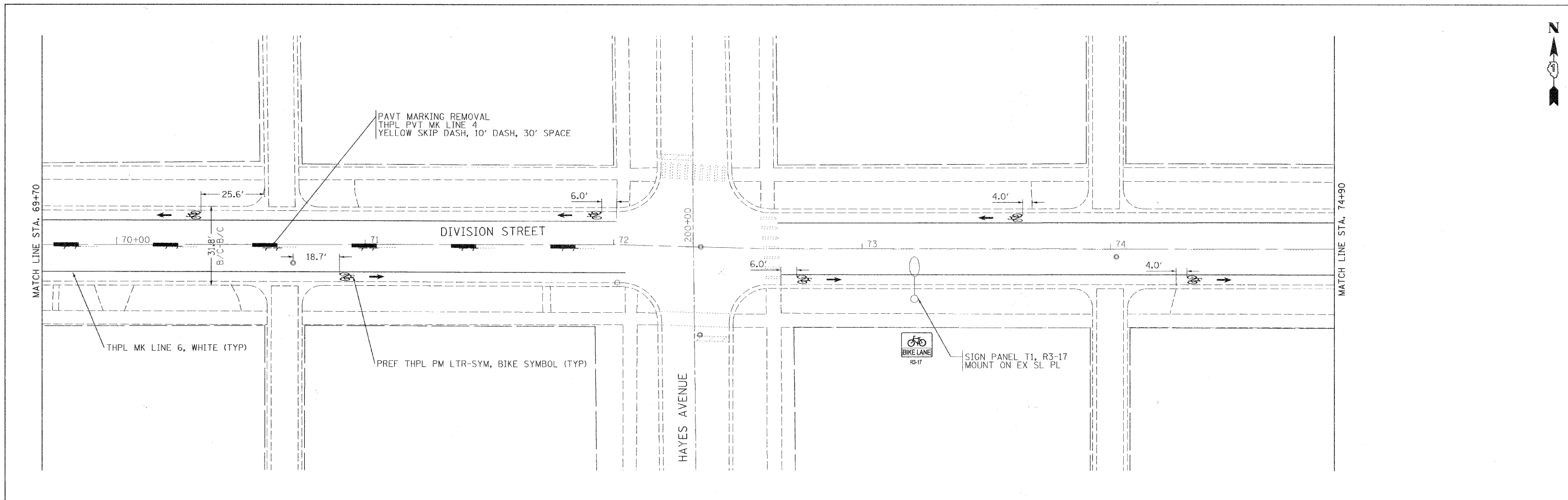
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	PLOT SCALE = #SCALE\$	DRAWN - ELLEN MCKENNA	REVISED -				1394/1398	10-00250-00-BT	COOK	33	25
	PLOT DATE = #DATE\$	CHECKED - WILLIAM MCKENNA	REVISED -				CONTRACT NO. 63550				
		DATE - 10/29/2010	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE: 1:20	SHEET NO. 25 OF 33 SHEETS	STA. 34+40	TO STA. 46+20				



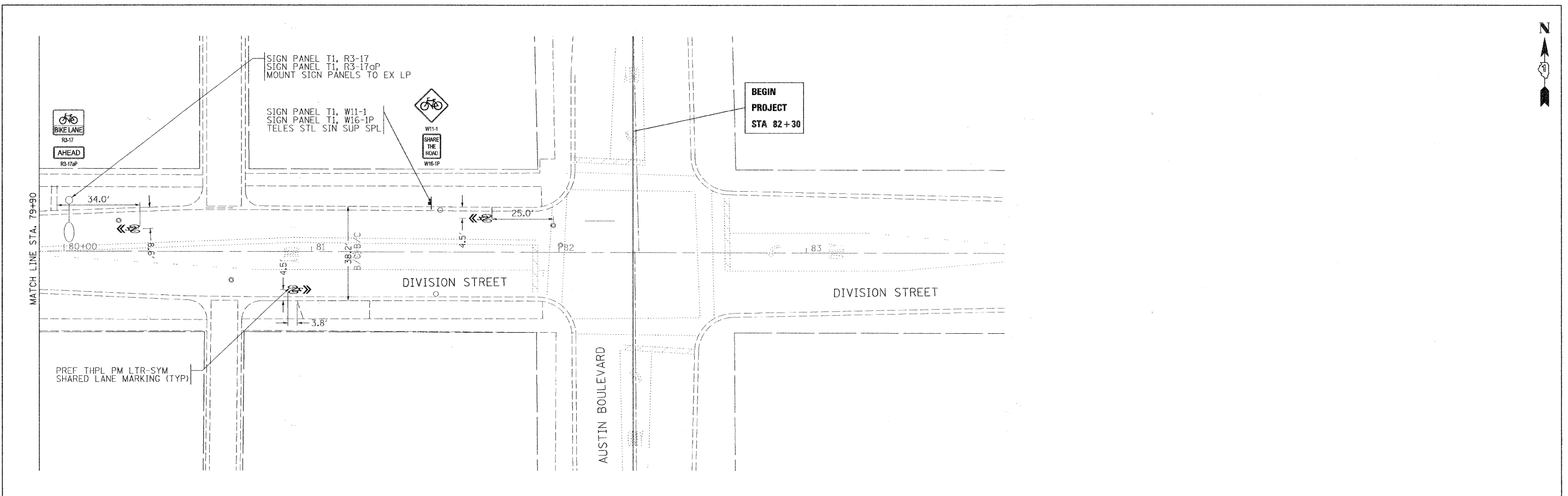
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	PLOT SCALE = #SCALE\$	DRAWN - ELLEN MCKENNA	REVISED -		SCALE: 1:20	SHEET NO. 26 OF 33 SHEETS	STA. 46+20 TO STA. 57+70	CONTRACT NO. 63550		ILLINOIS FED. AID PROJECT	
	PLOT DATE = #DATE\$	CHECKED - WILLIAM MCKENNA	REVISED -								
		DATE - 10/29/2010	REVISED -								



FILE NAME =	USER NAME = \$USER*	DESIGNED - ELLEN MCKENNA	REVISED - 12/02/2010, EM	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>OAK PARK BIKE FACILITIES DIVISION STREET</b>		F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
\$FILEL\$		DRAWN - ELLEN MCKENNA	REVISED -		SCALE: 1/20	SHEET NO. 27 OF 33 SHEETS	STA. 57+70	TO STA. 69+70	1394/1398	10-00250-00-BT	COOK	33 27
		CHECKED - WILLIAM MCKENNA	REVISED -									CONTRACT NO. 63550
		DATE - 10/29/2010	REVISED -									ILLINOIS FED. AID PROJECT

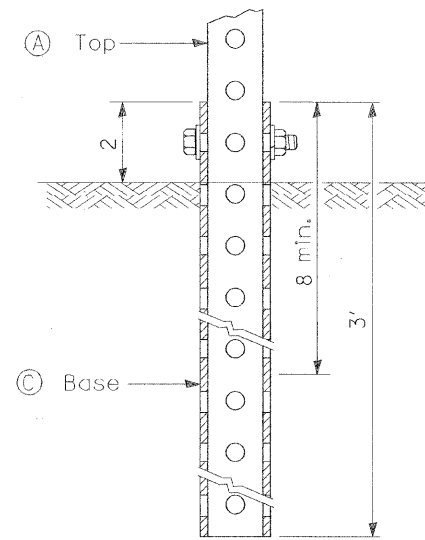


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#FILEL#	PLOT SCALE = #SCALE#	DRAWN - ELLEN MCKENNA	REVISED -			1394/	10-00250-00-BT	COOK	33	28	
	PLOT DATE = #DATE#	CHECKED - WILLIAM MCKENNA	REVISED -			1398					CONTRACT NO. 63550
		DATE - 10/29/2010	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: 1:20	SHEET NO. 28 OF 33 SHEETS	STA. 69+70	TO STA. 79+90			

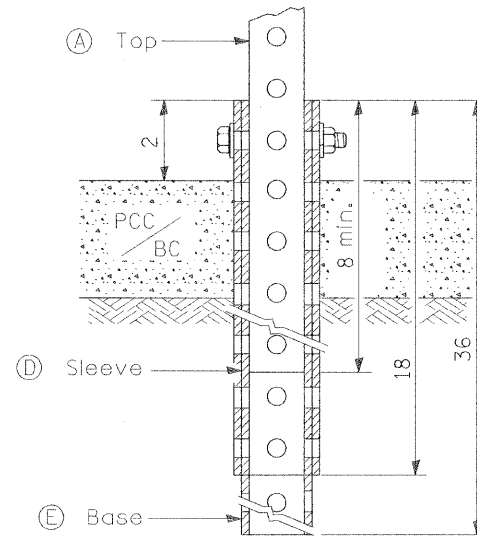


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	PLOT DATE = #DATE#	CHECKED - WILLIAM MCKENNA	REVISED -		SCALE: 1:20	SHEET NO. 29 OF 33 SHEETS	STA. 79+90	TO STA. 82+30	CONTRACT NO. 63550		
		DATE - 10/29/2010	REVISED -		ILLINOIS FED. AID PROJECT						

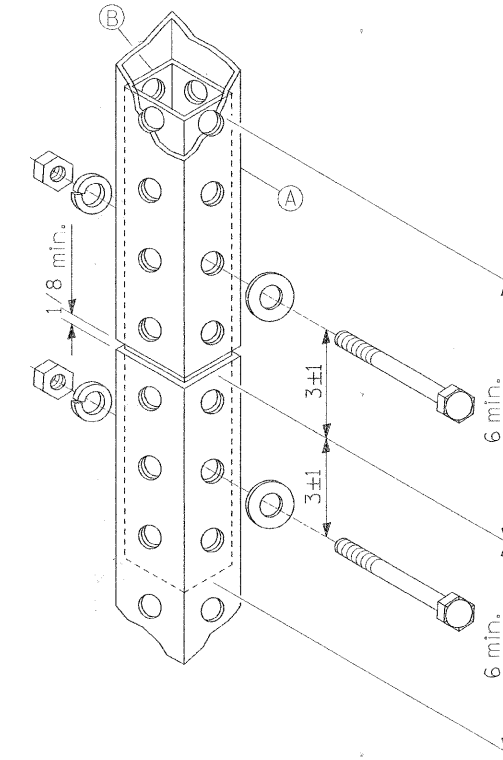




GROUND MOUNT DETAIL



PAVEMENT MOUNT DETAIL



SPLICE DETAIL

(A)	1 3/4 x 1 3/4 x VAR
(B)	1 1/2 x 1 1/2 x 12
(C)	2 x 2 x 36
(D)	2 1/4 x 2 1/4 x 18
(E)	2 x 2 x 36

GENERAL NOTES

TOP SECTION (A) SHALL BE 14 GA POWDER COATED GREEN

BASE SECTION (C) SHALL BE 12 GA GALVANIZED

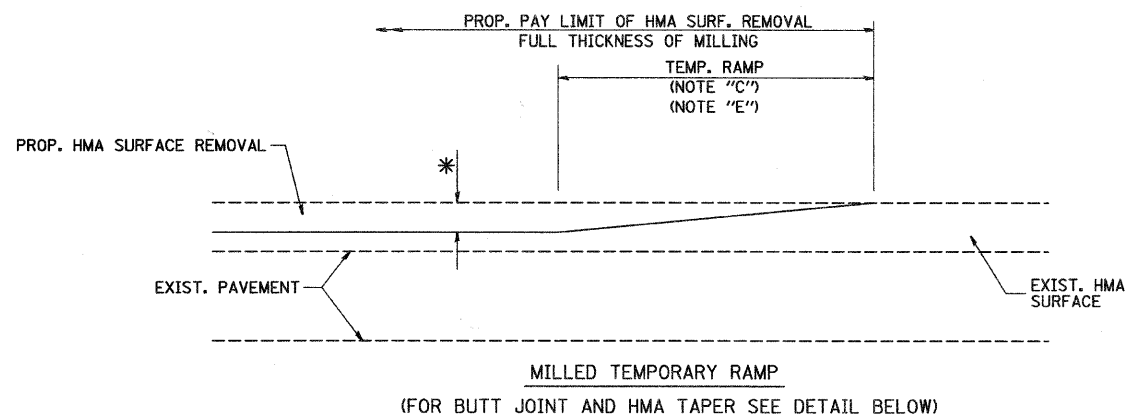
All bolts 3/8" hex head zinc or cadmium plated.

All dimensions are in inches unless otherwise shown.

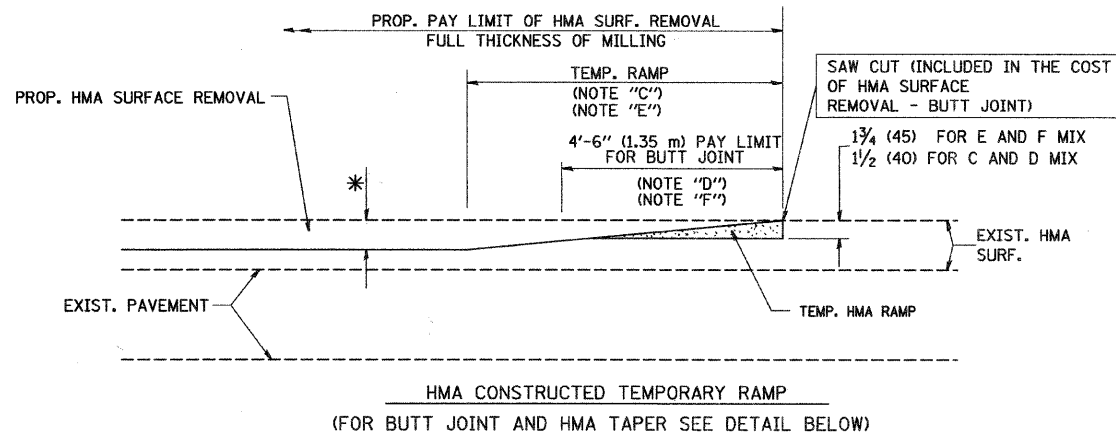
TELESCOPING STEEL SIGN SUPPORT(SPECIAL)

FILE NAME =	DESIGNED - EM	REVISED - 12/02/10, EM	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>OAK PARK BIKE FACILITIES TEL STEEL SIGN SUPPORT SPL</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILES*	DRAWN - EM	REVISED -		SCALE: NTS	SHEET NO. 30 OF 34 SHEETS	STA.	1394/1398	10-00250-00-BT	COOK	33	30
	CHECKED - WM	REVISED -				TO STA.					
	DATE - 10/29/10	REVISED -									
ILLINOIS FED. AID PROJECT											

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1394/1398	19-00250-00-BT	COOK	33	31
STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

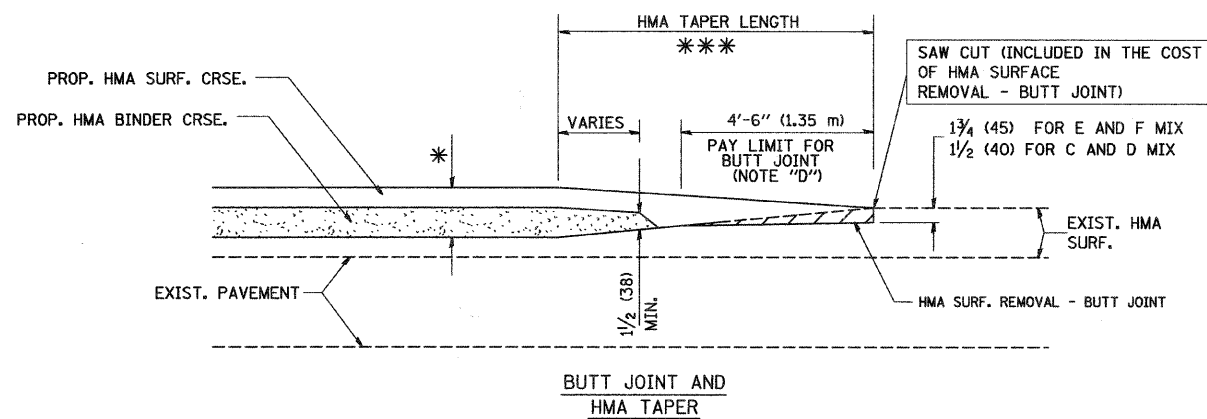


**OPTION 1**

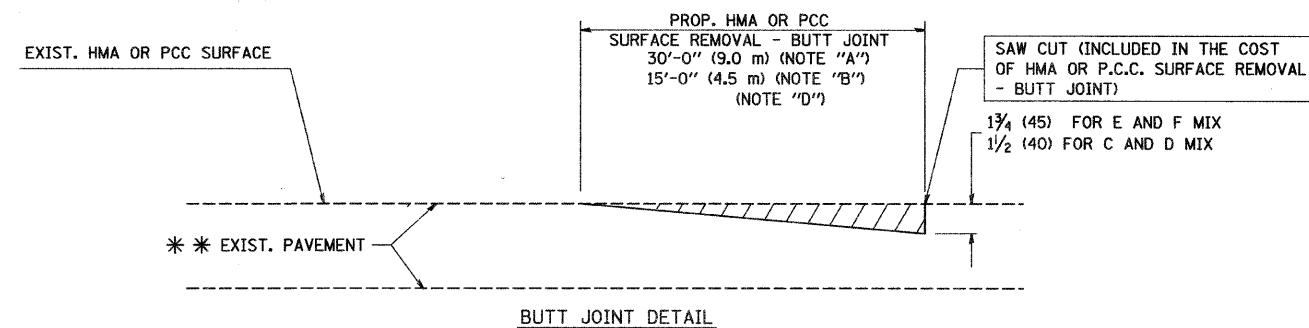


**OPTION 2**

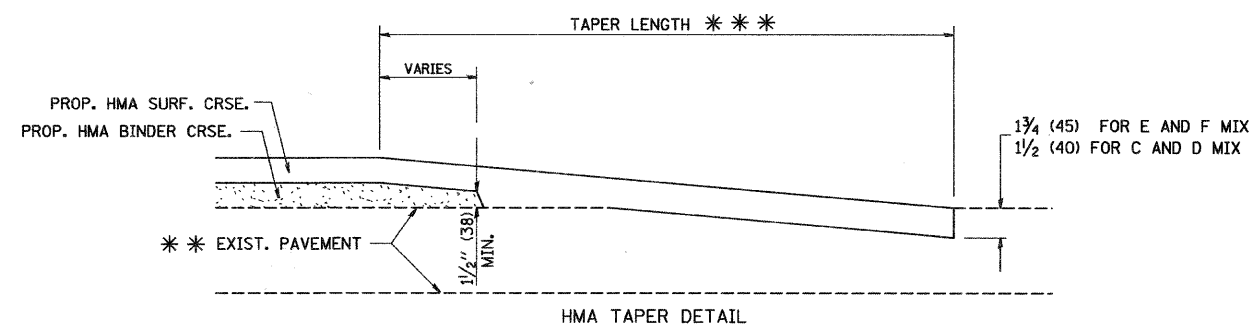
**TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

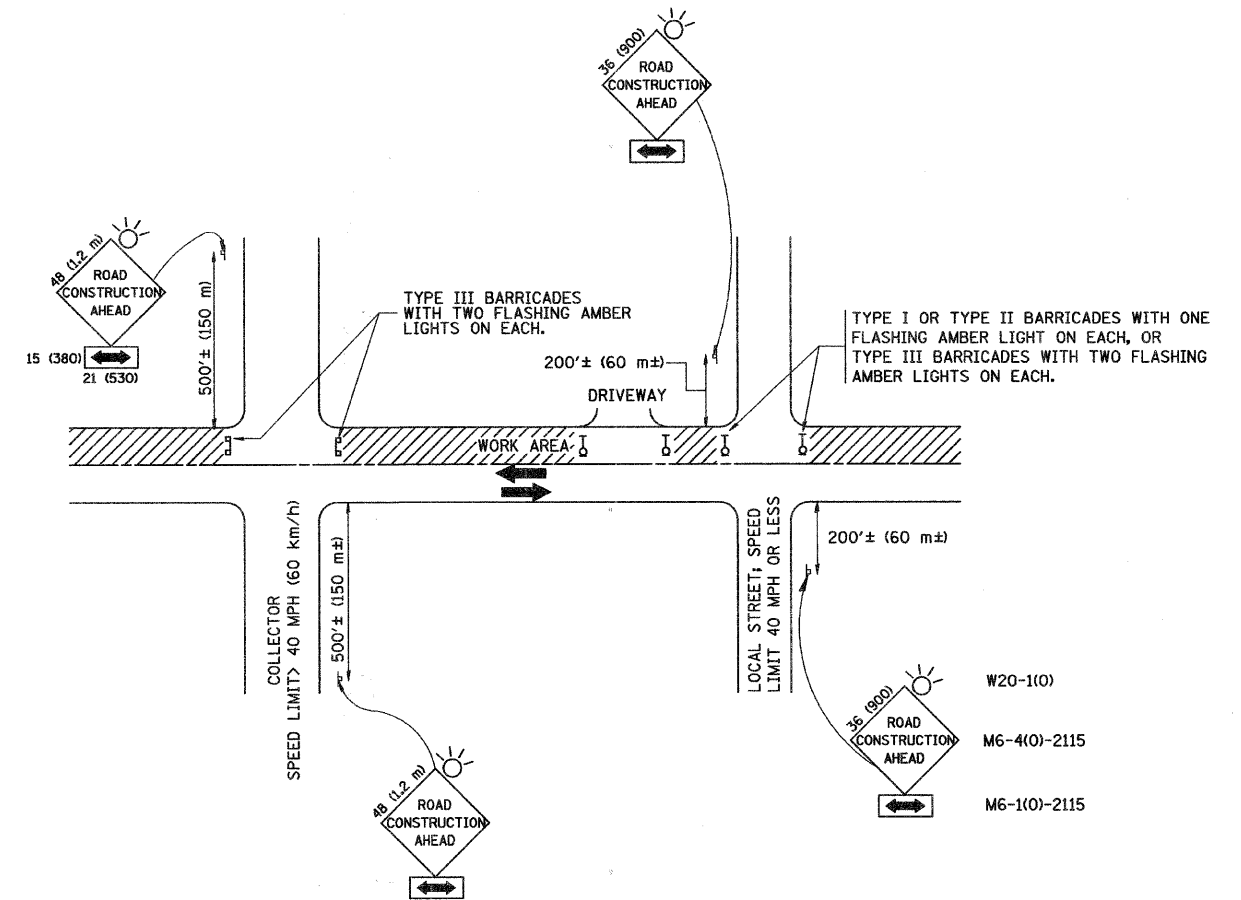
ILLINOIS DEPARTMENT OF TRANSPORTATION

**BUTT JOINT AND HMA TAPER DETAILS**

SCALE: VERT. NONE  
HORIZ. NONE

DRAWN BY  
CHECKED BY

BD400-05 (VI=BD32)



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
  1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
  3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

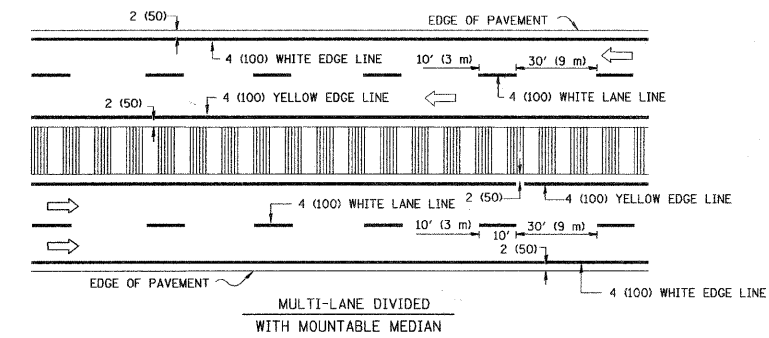
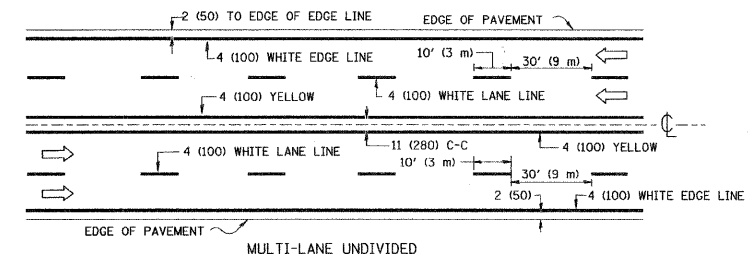
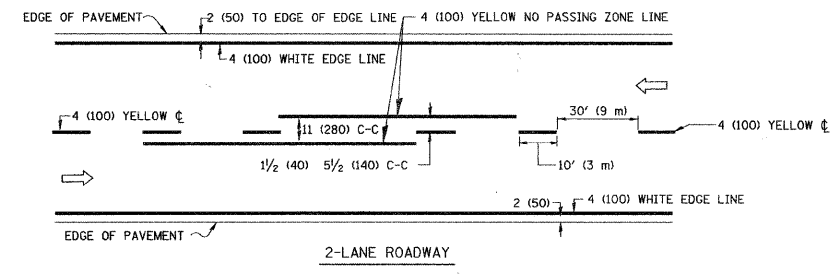
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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000 // IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

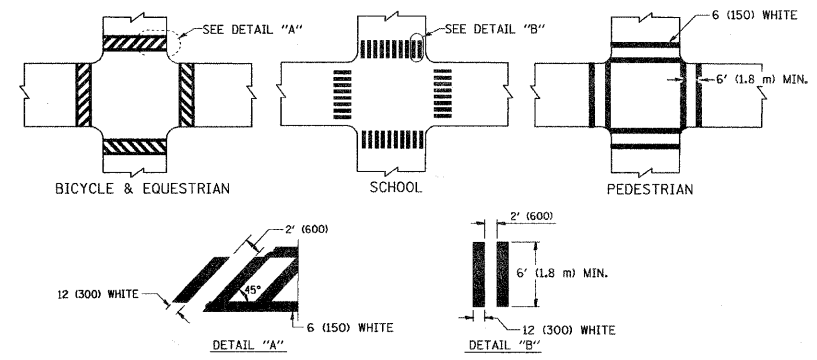
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TC-10			CONTRACT NO. 63550	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

F.A. RTE. 13947 1398	SECTION 10-00250-00-BT	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 33
STA. TO STA.		ILLINOIS FED. AID PROJECT		

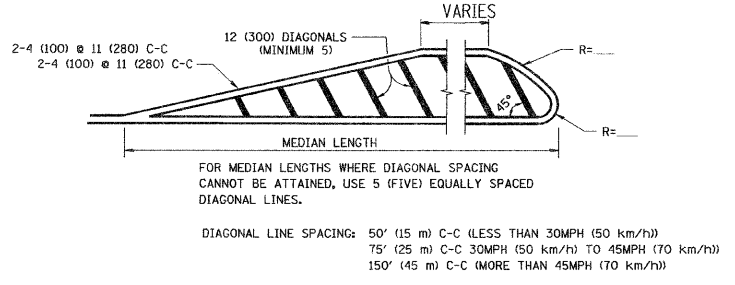
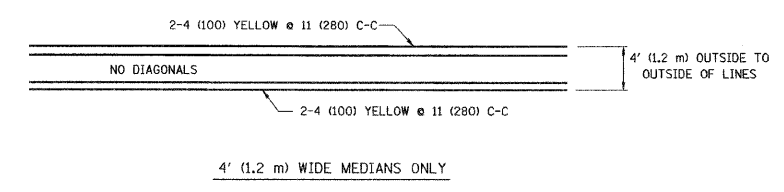


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

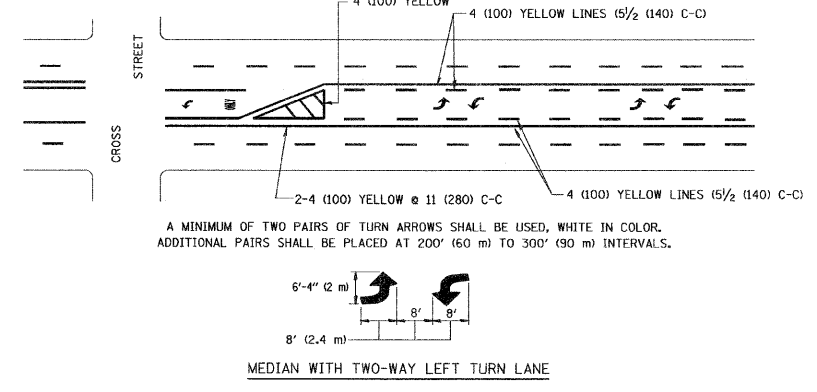
TYPICAL LANE AND EDGE LINE MARKING



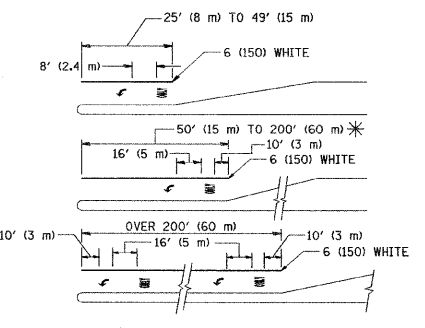
TYPICAL CROSSWALK MARKING



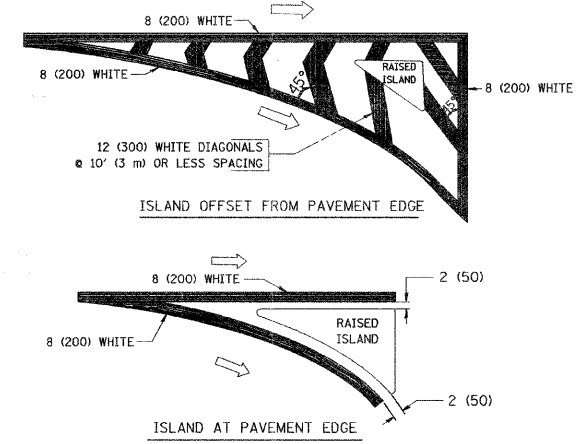
MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING



TYPICAL LEFT (OR RIGHT) TURN LANE



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125)	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN)	2 @ 6 (150)	SOLID	WHITE	NOT LESS THAN 6' (1.8 m) APART
A. DIAGONALS (BIKE & EQUESTRIAN)	12 (300) @ 45°	SOLID	WHITE	2' (600) APART
B. LONGITUDINAL BARS (SCHOOL)	12 (300) @ 90°	SOLID	WHITE	SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSWALK CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
C. JUCIUS	09-09-09

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

SCALE: NONE

DRAWN BY CADD  
CHECKED BY

PLOT DATE = 9/9/2009  
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