

08-02-13 LETTING ITEM 035

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

VARIOUS ROUTES
BIKEWAY CORRIDOR IMPROVEMENTS

SECTION NO: 12-00118-00-BT
PROJECT NO: CMM-4003(059)
CITY OF CRYSTAL LAKE
MCHENRY COUNTY
JOB NO: C-91-477-12

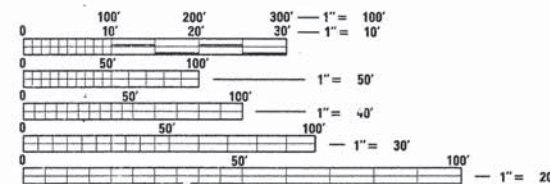
F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00118-00-BT	MCHENRY	039	001
		ILLINOIS	CONTRACT NO. 63827	

INDEX OF SHEETS

- SHEET 001 - COVER SHEET
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- SHEET 005 - TYPICAL SECTIONS (PROPOSED)
- SHEET 006-031 - PAVEMENT MARKING, SIGNING PLAN
- SHEET 032-034 - DETAILS

HIGHWAY STANDARDS

- 000001-06 STANDARDS SYMBOLS, ABBREVIATIONS AND PATTERNS
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAILY ONLY
- 701901-02 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAIL
- 720006-03 SIGN PANEL ERECTION DETAIL
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 731001-01 BASE FOR TELESCOPING STEEL SIGN SUPPORT
- 780001-03 TYPICAL PAVEMENT MARKINGS

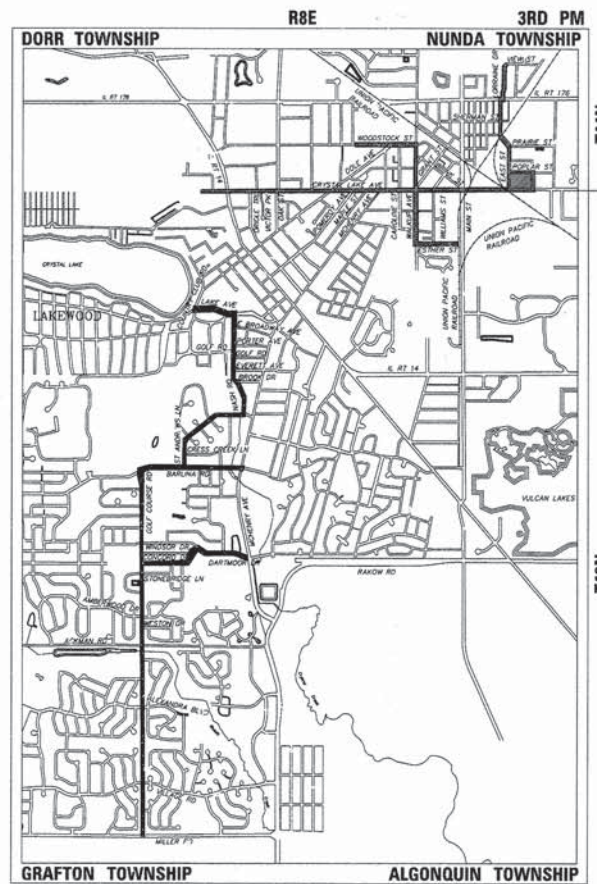


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

GOLF COURSE ROAD, BARLINA ROAD, CRYSTAL LAKE AVENUE AND WALKUP AVENUE ARE COLLECTORS.
ALL OTHER STREETS ARE LOCAL.

DESIGN SPEED = 35-40 MPH
POSTED SPEED = 30-35 MPH



GROSS LENGTH = 32,208 FT. = 6.1 MILES
NET LENGTH = 32,208 FT. = 6.1 MILES



LOCATION OF SECTION INDICATED THUS: - [shaded rectangle] -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED May 20 2013
Erik D. Morimoto
CITY ENGINEER, CITY OF CRYSTAL LAKE

PASSED MAY 22 2013
[Signature]
LOCAL ROADS ENGINEER

RELEASING FOR BID
BASED ON LIMITED REVIEW May 22 2013
[Signature]
DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

BUREAU OF LOCAL ROADS AND STREETS PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. (847)705-4466, SCHAMBURG, IL

CONTRACT NO. 63827

GENERAL

ALL WORK SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2012. (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," ADOPTED JANUARY 1, 2013; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS"; THE DETAILS IN THE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT.

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 AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR HIS WORK. ANY WORK THAT IS VANDALIZED OR OTHERWISE DAMAGED AND JUDGED UNACCEPTABLE BY THE ENGINEER SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.

A MINIMUM OF FORTY-EIGHT HOURS BEFORE ANY SIGN POST INSTALLATION, THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO HAVE THE LOCATION OF EXISTING UTILITIES STAKED.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS REQUIRED BY THE APPLICATION OF TRAFFIC CONTROL DEVICES, THE STANDARD SPECIFICATIONS AND THE PLANS.

ALL WORK INVOLVING EXISTING SIGNS SHALL BE GOVERNED BY THE FOLLOWING:

- A) SIGNS SHALL NOT BE REMOVED UNTIL THE PROGRESS OF WORK IS NECESSITATES IT.
- B) EACH SIGN TO BE REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION APPROVED BY THE ENGINEER SHALL BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. ALL SUCH SIGNS SHALL BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.
- C) ALL SIGNS SHALL BE RE-ERECTED AT PERMANENT LOCATIONS AS THE COMPLETION OF THE ROADWAY IMPROVEMENTS PERMIT. LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
- D) ALL UNUSED SIGNS SHALL BE STORED ON THE JOBSITE FOR PICKUP BY THE CITY OF CRYSTAL LAKE. TEL NO. (847) 356-3615 THIS WORK SHALL BE INCLUDED IN THE APPLICABLE PAY ITEM FOR SIGNAGE.

ANY MATERIALS CONSIDERED SUITABLE FOR SALVAGE BY THE ENGINEER SHALL BE STORED WITHIN THE RIGHT-OF-WAY FOR LATER REMOVAL BY THE CITY OF CRYSTAL LAKE. UNUSABLE MATERIALS SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT. ANY COST INCURRED BY THE CONTRACTOR TO MEET THIS REQUIREMENT THAT IS NOT COVERED BY A SPECIFIC PAY ITEM WILL BE INCLUDED IN THE COST OF THE CONTRACT.

WHERE NEW WORK IS PROPOSED TO MEET EXISTING FEATURES, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD CHECK ALL DIMENSIONS AND ELEVATIONS AND NOTIFY THE ENGINEER OF DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION.

SIGN LEGEND

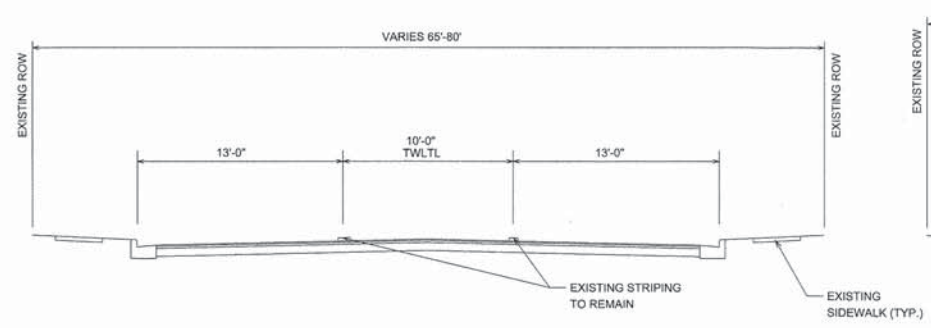
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①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
W16-1P 18" X 24"	W11-1 24" X 24"	D1-1c VARIES" X 6"	D1-2c VARIES" X 12"	D1-3c VARIES" X 18"	M6-1b 12" X 9"	M6-1c 12" X 9"			
⑪	⑫	⑬	⑭	⑮	⑯	⑰			
M6-3 12" X 9"	D11-1 24" X 18"	W10-12 24" X 24"							
⑱	⑲	⑳							

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PLOT DATE * #DATE#		DATE - 05/20/13	REVISED -		ILLINOIS FED. AID PROJECT							

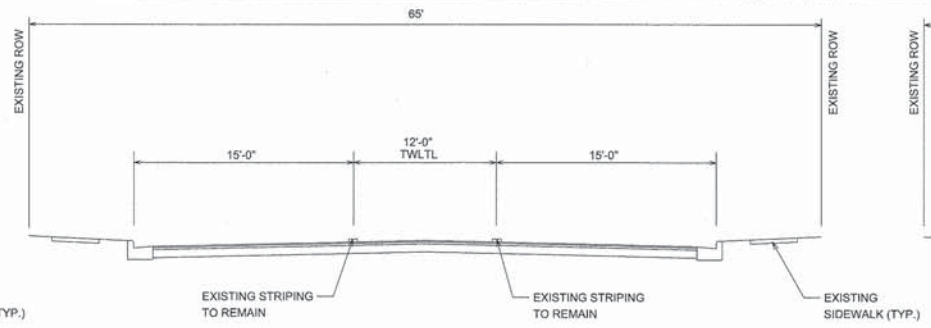
SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE: 0028
80% CMAQ, 20% CITY

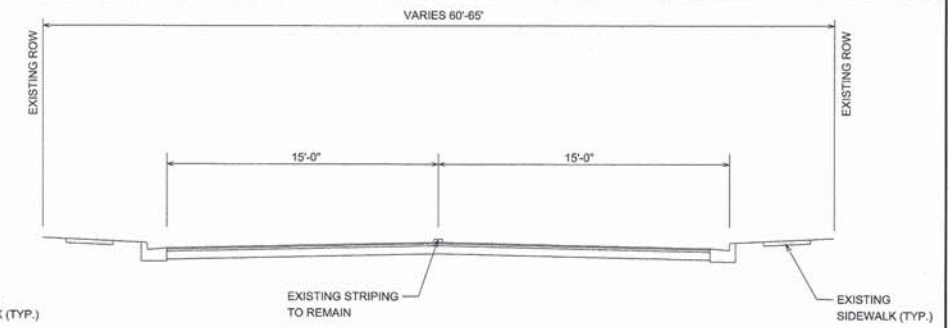
CODED PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY
67100100	MOBILIZATION	L SUM	1
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	2,592
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,035
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,660
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	40,510
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	60
78006100	PREFORMED THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2,360
78300100	PAVEMENT MARKING REMOVAL	SQ FT	689
72000100	SIGN PANEL - TYPE 1	SQ FT	795
X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	220



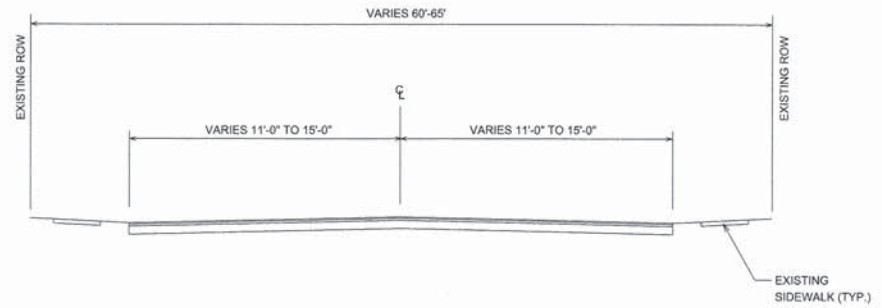
EXISTING TYPICAL SECTION
 BERKSHIRE DRIVE (STA. 750+50 TO STA. 762+00)
 CRYSTAL LAKE AVENUE (STA. 984+50 TO STA. 992+50)
 WALKUP AVENUE (STA. 1114+00 TO STA. 1134+00)



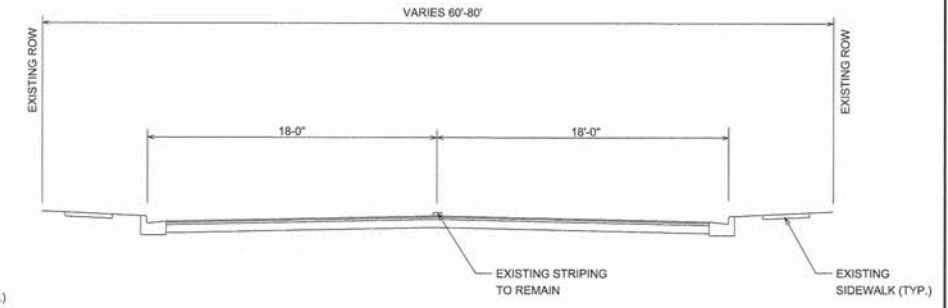
EXISTING TYPICAL SECTION
 WOODSTOCK STREET (STA. 1201+50 TO STA. 1214+50)



EXISTING TYPICAL SECTION
 CRYSTAL LAKE AVENUE (STA. 921+00 TO STA. 930+50)
 LORRAINE DRIVE (STA. 1600+00 TO STA. 1609+00)



EXISTING TYPICAL SECTION
 CONCORD DRIVE (STA. 1700+00 TO STA. 1716+00)
 CRYSTAL LAKE AVENUE (STA. 900+00 TO STA. 904+00)
 EAST STREET (STA. 1300+00 TO STA. 1312+50)
 ESTHER STREET (STA. 1000+00 TO STA. 1012+00)
 GLEN AVENUE (STA. 1316+50 TO STA. 1327+00)
 LAKE AVENUE (STA. 800+00 TO STA. 810+50)
 MORGAN STREET (STA. 1400+00 TO STA. 1404+50)
 NASH ROAD (STA. 439+00 TO STA. 457+50)
 POPLAR STREET (STA. 1500+00 TO STA. 1506+50)
 PRAIRIE STREET (STA. 1312+50 TO STA. 1316+50)
 WALKUP AVENUE (STA. 1100+00 TO STA. 1104+50)
 WINDSOR DRIVE (STA. 1716+00 TO STA. 1719+00)



EXISTING TYPICAL SECTION
 BARLINA ROAD (STA. 300+00 TO STA. 312+00)
 CRYSTAL LAKE AVENUE (STA. 908+00 TO STA. 921+00)
 DARTMOOR DRIVE (STA. 216+50 TO STA. 231+50)
 ST. ANDREWS LANE (STA. 400+00 TO STA. 427+50)
 WALKUP AVENUE (STA. 1104+50 TO STA. 1114+00)
 GOLF COURSE ROAD (STA. 00+00 TO STA. 102+50)
 NASH ROAD (STA. 428+00 TO 439+00)

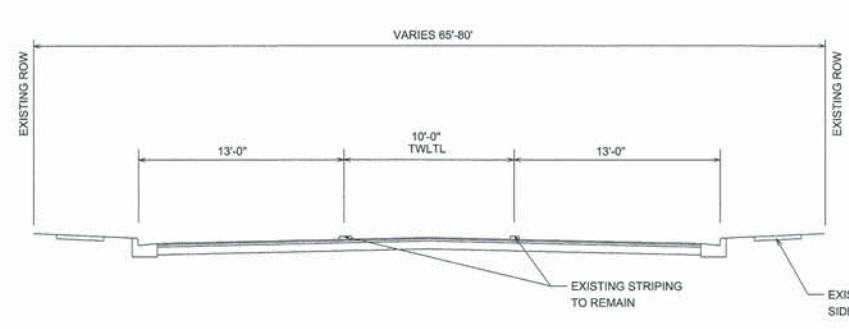
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
 EXISTING**

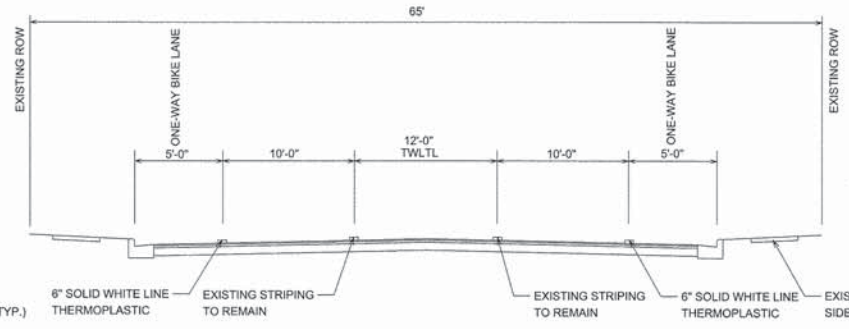
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00118-00-BT	MCHENRY	034	004
CONTRACT NO. 63827			ILLINOIS FED. AID PROJECT	



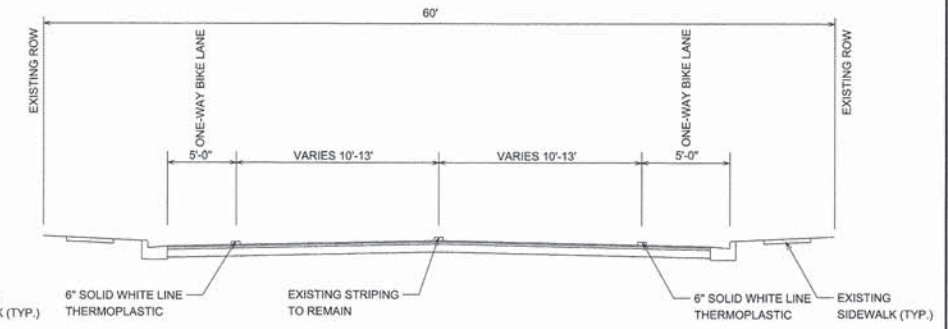
PROPOSED TYPICAL SECTION
SHARED TRAFFIC LANE

BERKSHIRE DRIVE (STA. 750+50 TO STA. 762+00)
CRYSTAL LAKE AVENUE (STA. 984+50 TO STA. 992+50)
WALKUP AVENUE (STA. 1114+00 TO STA. 1134+00)



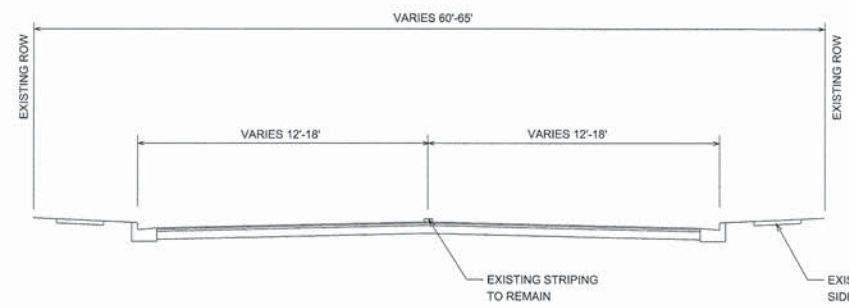
PROPOSED TYPICAL SECTION
STANDARD BIKE LANE

WOODSTOCK STREET (STA. 1201+50 TO STA. 1214+50)



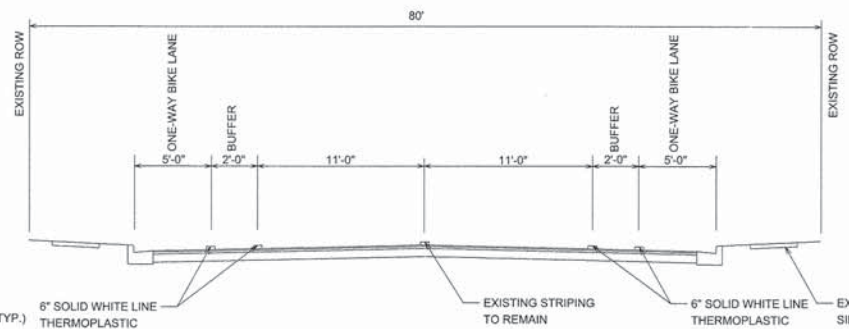
PROPOSED TYPICAL SECTION
STANDARD BIKE LANE

ST. ANDREWS LANE (STA. 400+00 TO STA. 418+32)
ST. ANDREWS LANE (STA. 425+47 TO STA. 427+50)



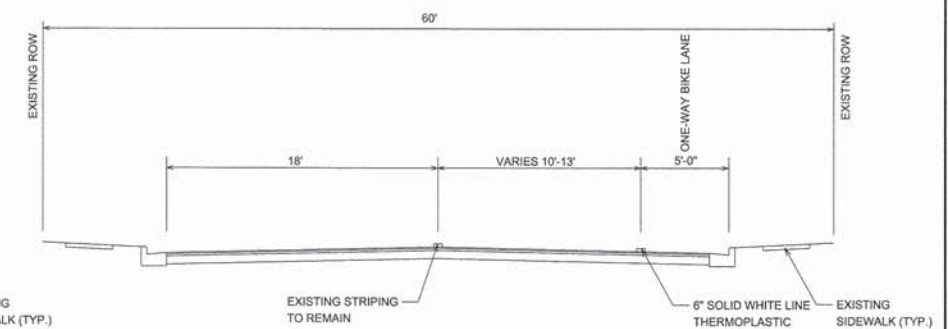
PROPOSED TYPICAL SECTION
SHARED TRAFFIC LANE

CONCORD DRIVE (STA. 1700+00 TO STA. 1716+00)
CRYSTAL LAKE AVENUE (STA. 900+00 TO STA. 945+00)
DARTMOOR DRIVE (STA. 216+50 TO STA. 231+65)
EAST STREET (STA. 1300+00 TO STA. 1312+50)
ESTHER STREET (STA. 1000+00 TO STA. 1012+00)
GLEN AVENUE (STA. 1316+50 TO STA. 1327+00)
LAKE AVENUE (STA. 800+00 TO STA. 810+50)
LORRAINE DRIVE (STA. 1600+00 TO STA. 1609+00)
MORGAN STREET (STA. 1400+00 TO STA. 1404+50)
NASH ROAD (STA. 427+50 TO STA. 457+00)
POPLAR STREET (STA. 1500+00 TO STA. 1506.50)
PRAIRIE STREET (STA. 1312+50 TO STA. 1316+50)
WALKUP AVENUE (STA. 1100+00 TO STA. 1116+12)
WINDSOR DRIVE (STA. 1716+00 TO STA. 1719+00)



PROPOSED TYPICAL SECTION
BUFFERED BIKE LANE

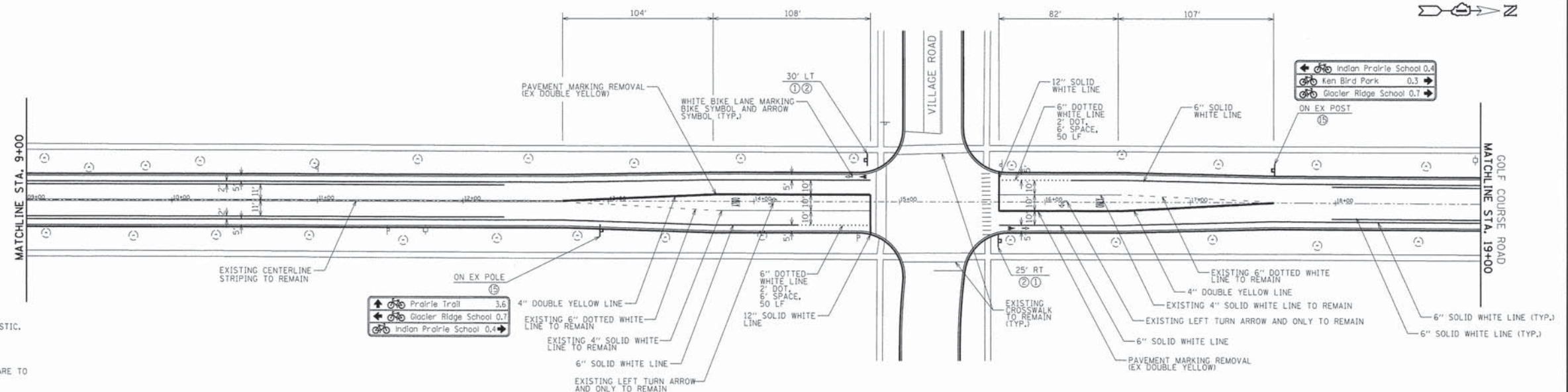
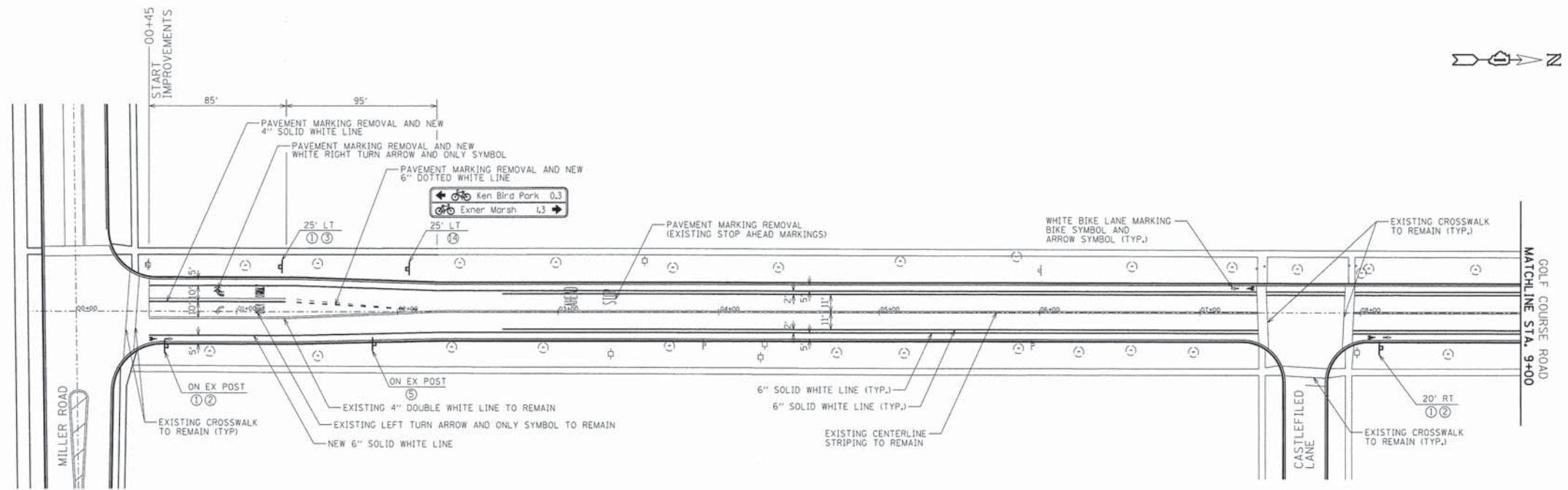
BARLINA ROAD (STA. 300+00 TO STA. 313+05)
GOLF COURSE ROAD (STA. 0+00 TO STA. 102+50)



PROPOSED TYPICAL SECTION
SHARED TRAFFIC LANE / STANDARD BIKE LANE

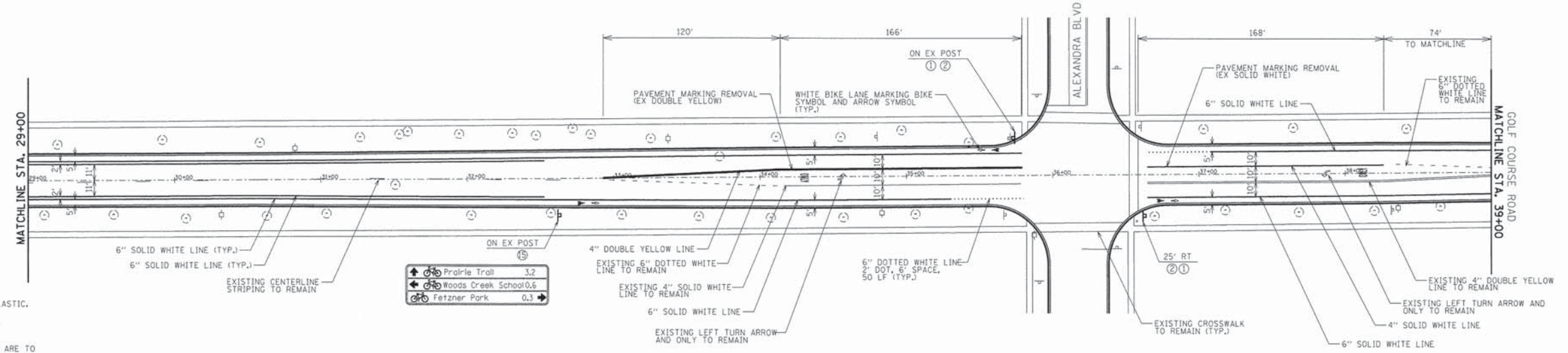
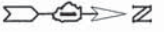
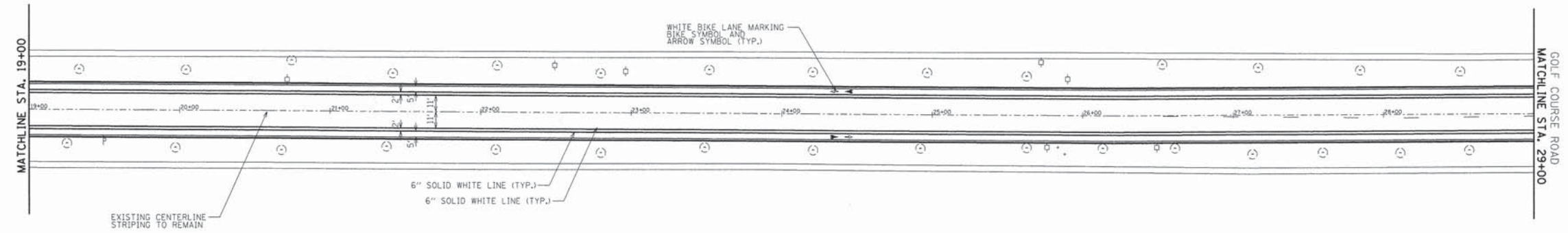
ST. ANDREWS LANE (STA. 418+32 TO STA. 425+47)

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										CONTRACT NO. 63827			
												ILLINOIS FED. AID PROJECT	



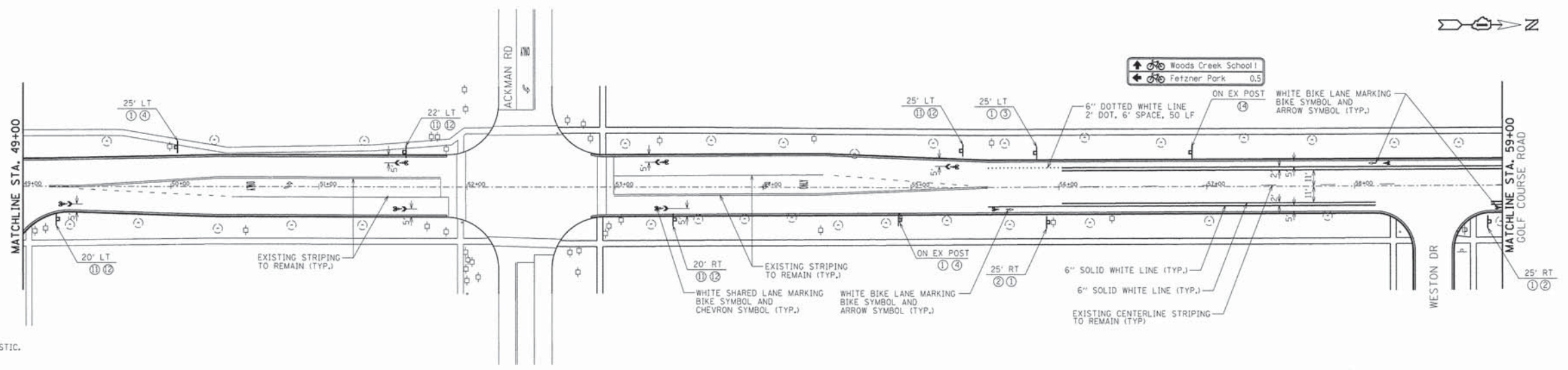
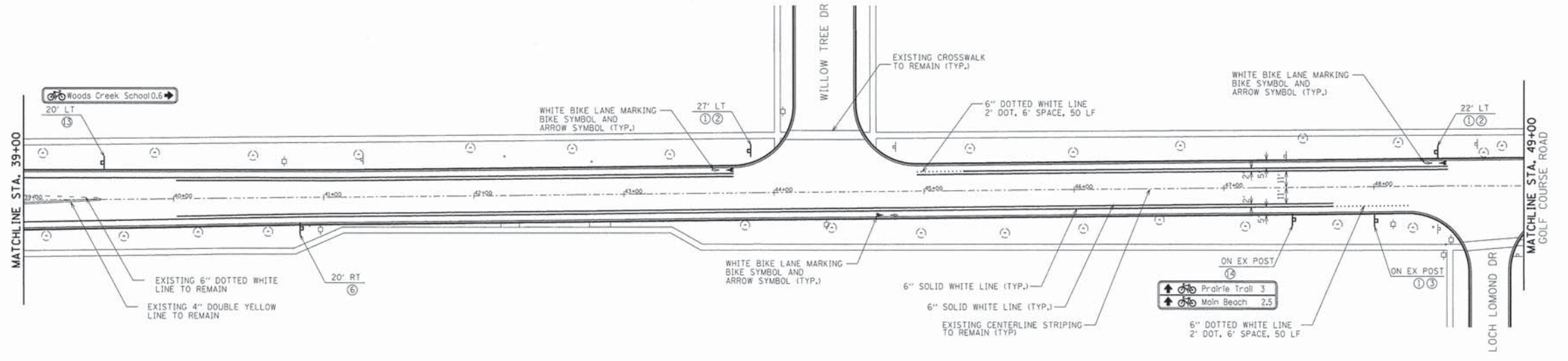
- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

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		DATE <i>05/20/13</i>	REVISED -									



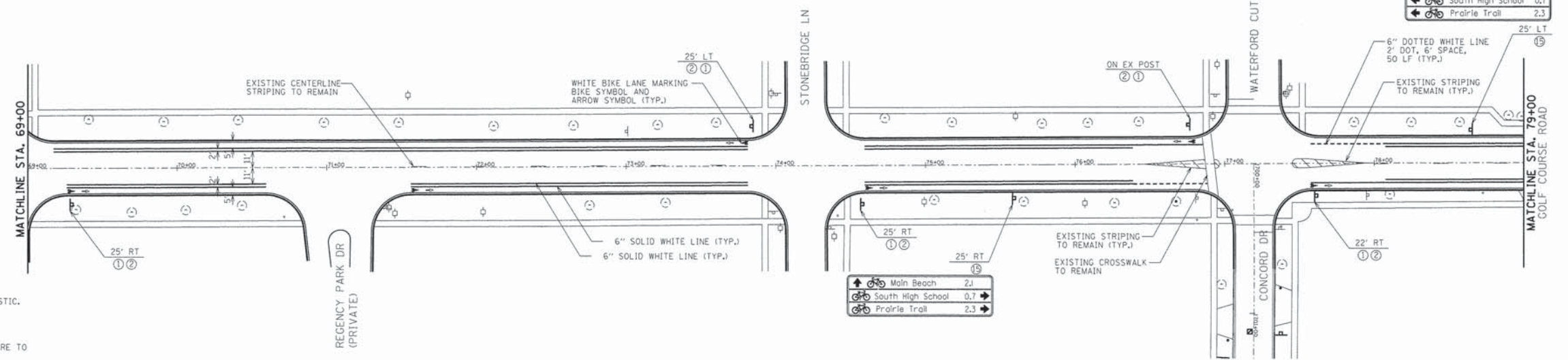
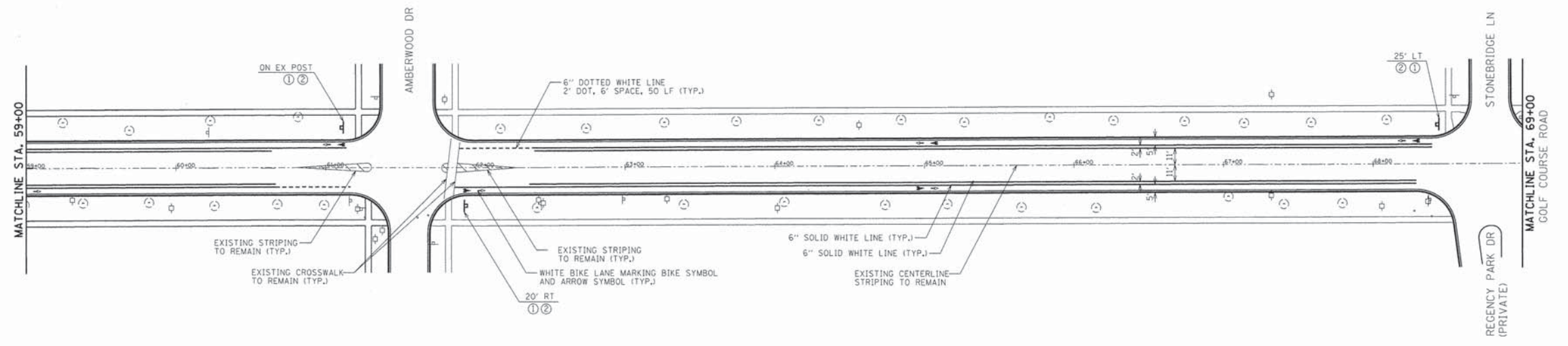
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FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED <i>EM</i>	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN GOLF COURSE ROAD			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE <i>05/20/13</i>	REVISED -	SCALE: 1"=40' SHEET NO. 7 OF 3/ SHEETS STA. 19+00 TO STA. 39+00			ILLINOIS FED. AID PROJECT					



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FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN GOLF COURSE ROAD			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = 40'	DRAWN - DD	REVISED -		SCALE: 1"=40'	SHEET NO. 8 OF 34 SHEETS	STA. 39+00 TO STA. 59+00	12-00118-00-BT	MCHENRY	034	008	
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	DATE - 05/20/13	REVISED -										

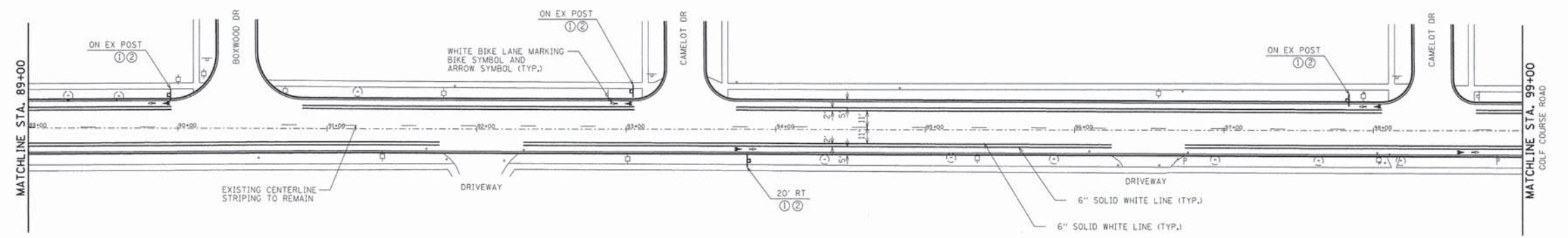
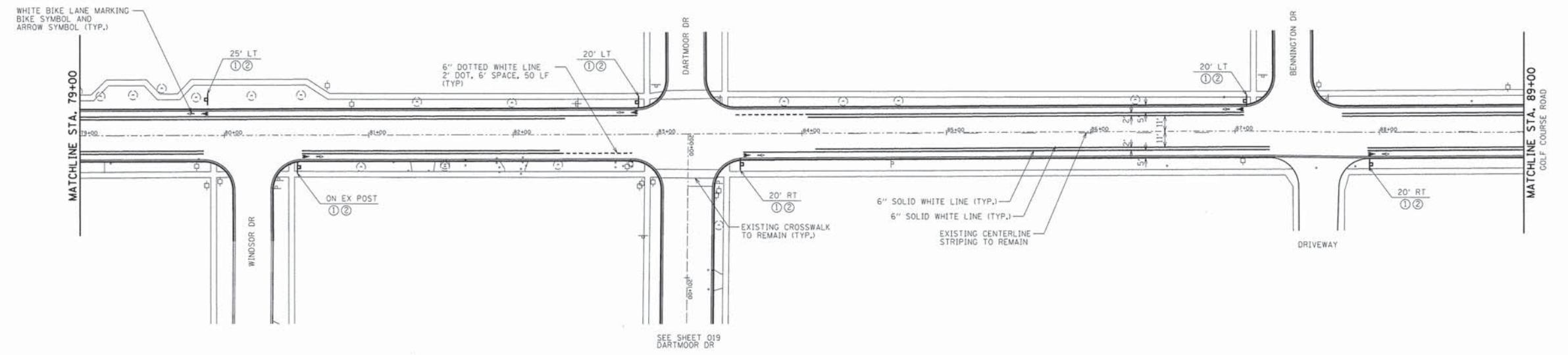


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	Woods Creek Park	0.7
	South High School	0.7
	Prairie Trail	2.3

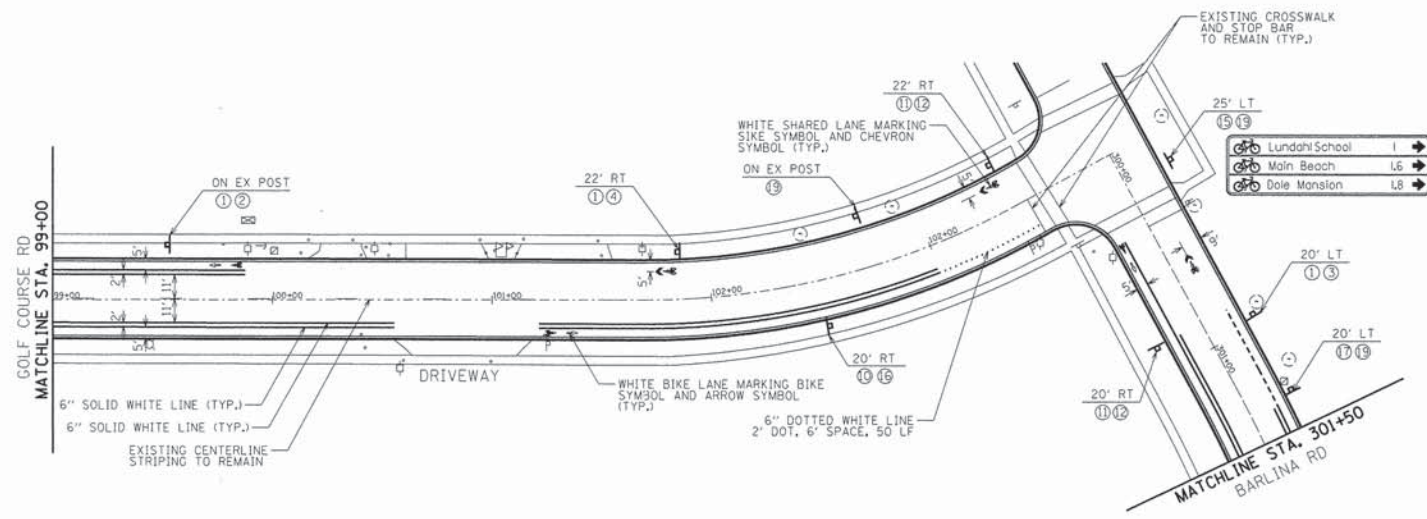
	Main Beach	2.1
	South High School	0.7
	Prairie Trail	2.3

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	PLOT SCALE * 1" = 40'	DRAWN - DD	REVISED -		SCALE: 1"=40'	SHEET NO. 9 OF 34 SHEETS	STA. 59+00 TO STA. 79+00	12-00118-00-BT	MCHENRY	034	009	
	PLOT DATE * #DATE#	CHECKED - EM	REVISED -		CONTRACT NO. 63827			ILLINOIS FED. AID PROJECT				
	DATE - 05/20/13	REVISED -										

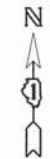
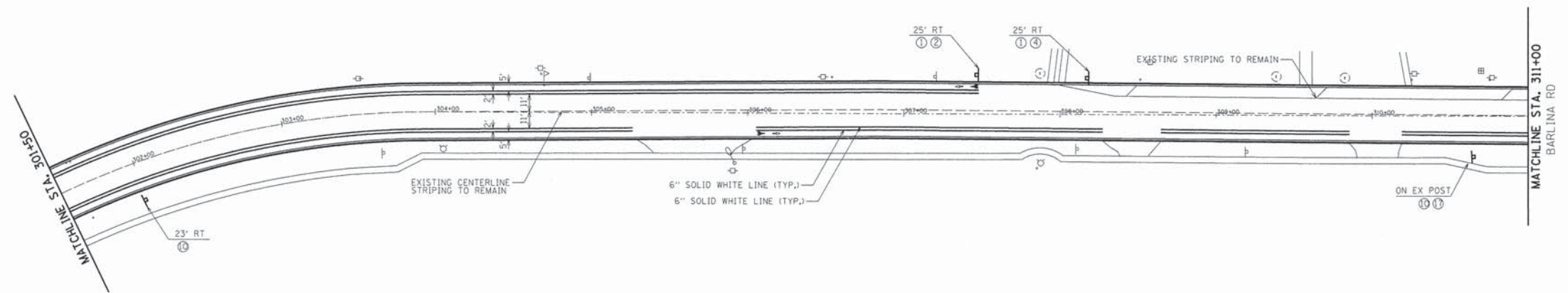


- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN GOLF COURSE ROAD			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE * 1" = 40'	DRAWN - DD	REVISED -					12-00118-00-BT	MCHENRY	037	010	
	PLOT DATE * #DATE#	CHECKED - EM	REVISED -					CONTRACT NO. 63827				
		DATE - 05/20/13	REVISED -	SCALE: 1"=40' SHEET NO. 10 OF 37 SHEETS STA. 79+00 TO STA. 99+00			ILLINOIS FED. AID PROJECT					

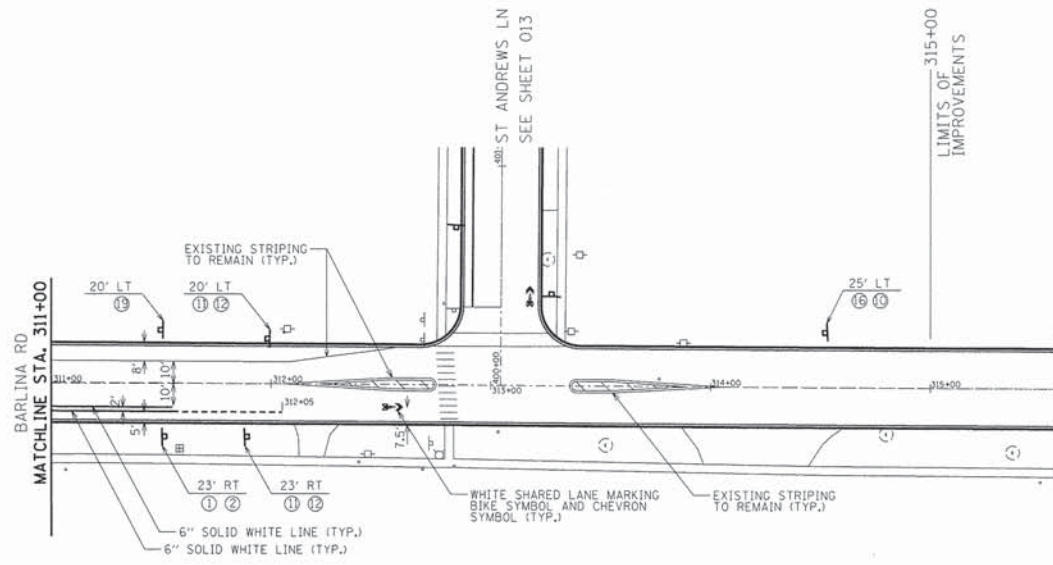


	Lundahl School	L	→
	Main Beach	L6	→
	Dole Mansion	L8	→



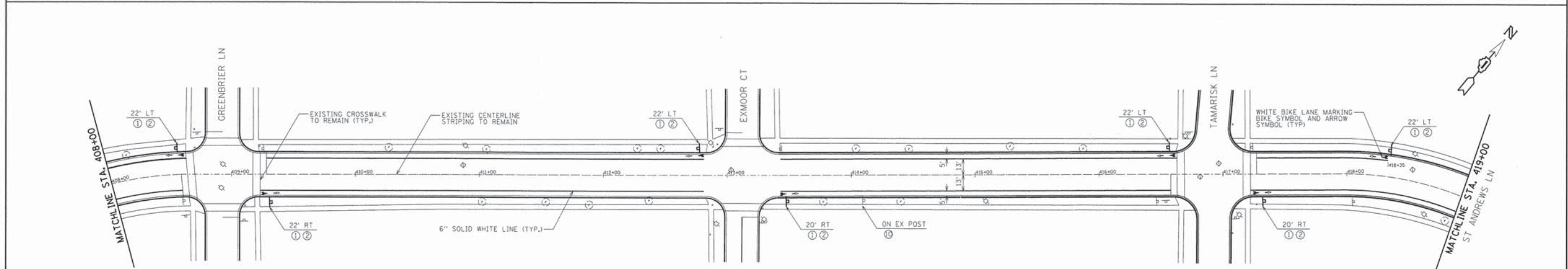
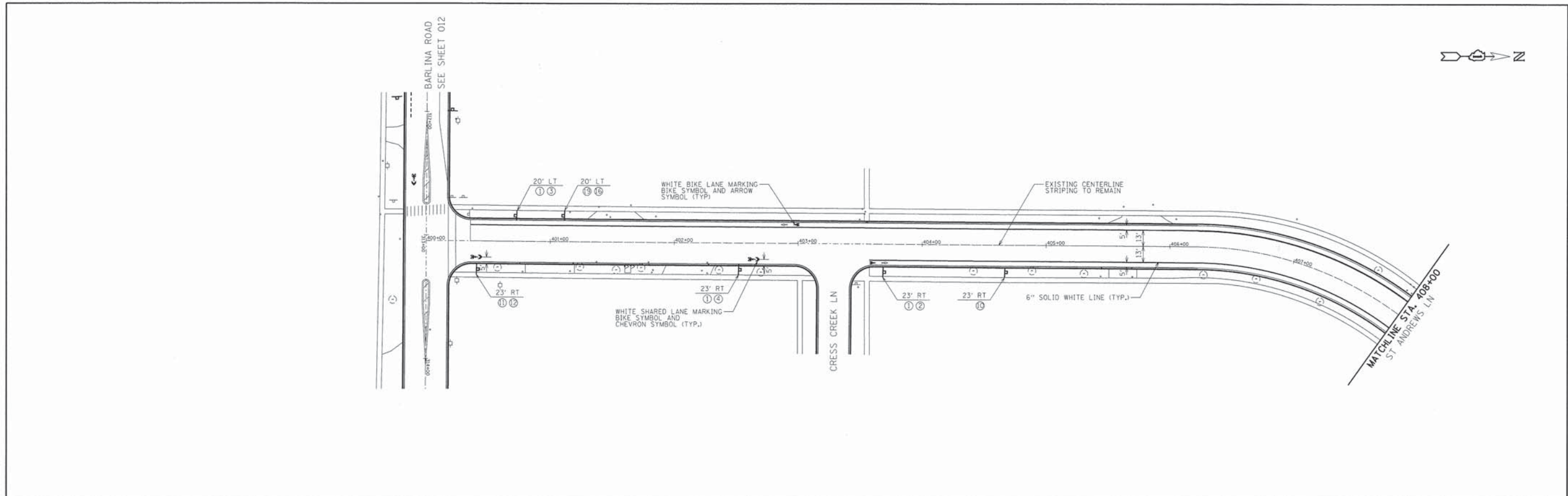
- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN GOLF COURSE ROAD AND BARLINA ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = 40'	DRAWN - DD	REVISED -				12-00118-00-BT	MCHENRY	03	011
	PLOT DATE = #DATE#	CHECKED - EM	REVISED -			SCALE: 1"=40'	SHEET NO. 11 OF 3 1/2 SHEETS			CONTRACT NO. 63827
		DATE - 05/20/13	REVISED -				STA. 99+00 TO STA. 311+00	ILLINOIS FED. AID PROJECT		



- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PERFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME =	USER NAME = #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN BARLINA ROAD			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - DD	REVISED -		SCALE: 1"=40'	SHEET NO. 12 OF 34 SHEETS	STA. 311+00 TO STA. 321+00	12-00118-00-BT	MCHENRY	034	012	
		CHECKED - EM	REVISED -		CONTRACT NO. 63827							
		DATE - 05/20/13	REVISED -		ILLINOIS FED. AID PROJECT							



- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

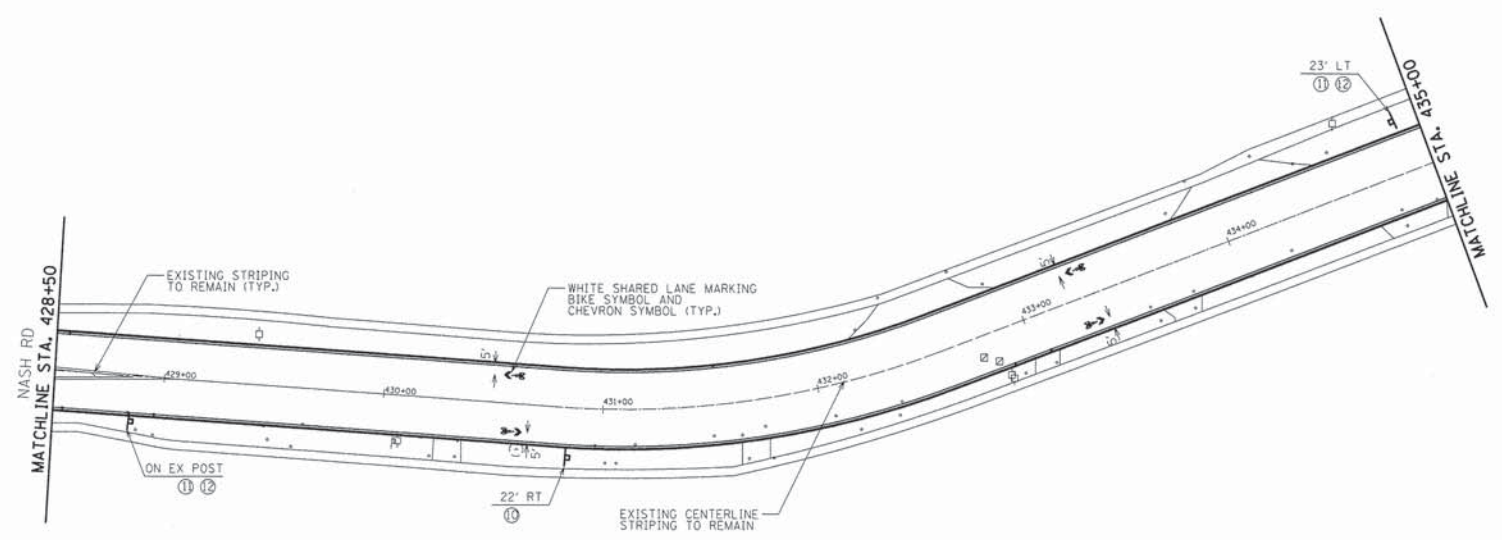
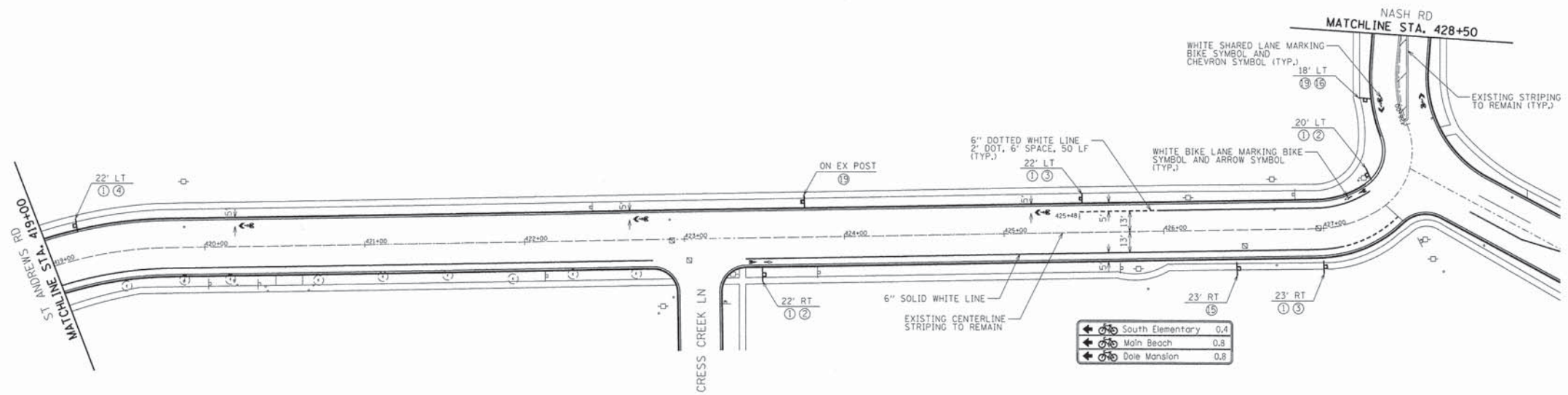
FILE NAME =	#FILE#
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PLOT SCALE = 1" = 40'	
PLOT DATE = #DATE#	

DESIGNED - EM	REVISED -
DRAWN - DD	REVISED -
CHECKED - EM	REVISED -
DATE - 05/20/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

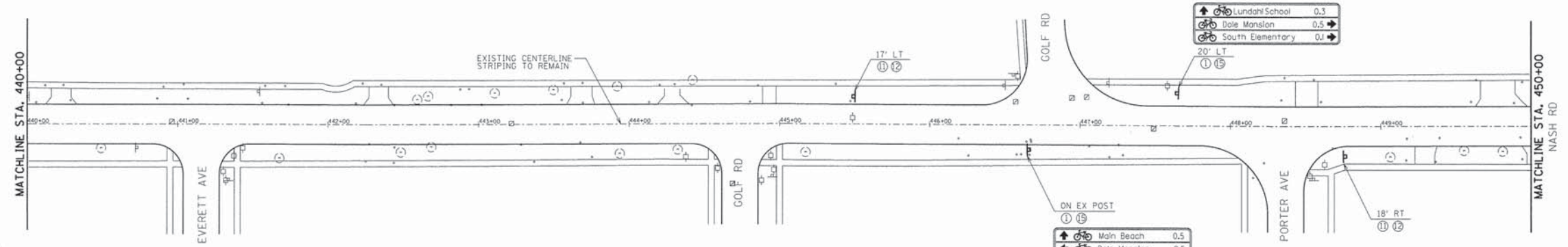
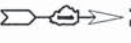
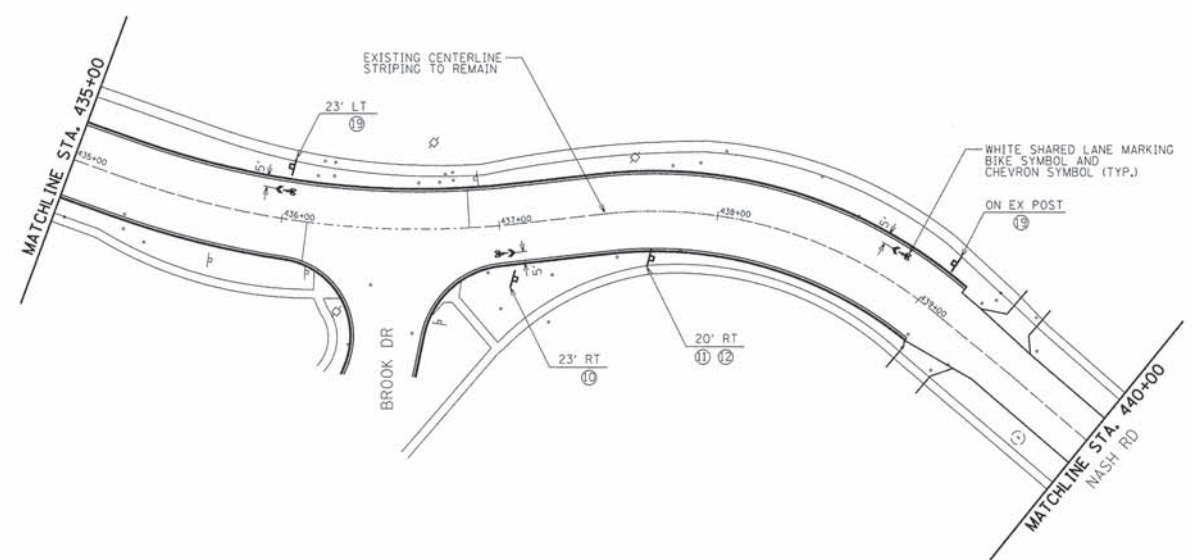
PAVEMENT MARKING AND SIGNING PLAN ST ANDREWS LANE		
SCALE: 1"=40'	SHEET NO. 13 OF 34 SHEETS	STA. 400+00 TO STA. 419+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00118-00-BT	MCHENRY	03/4	013
CONTRACT NO. 63827			ILLINOIS FED. AID PROJECT	



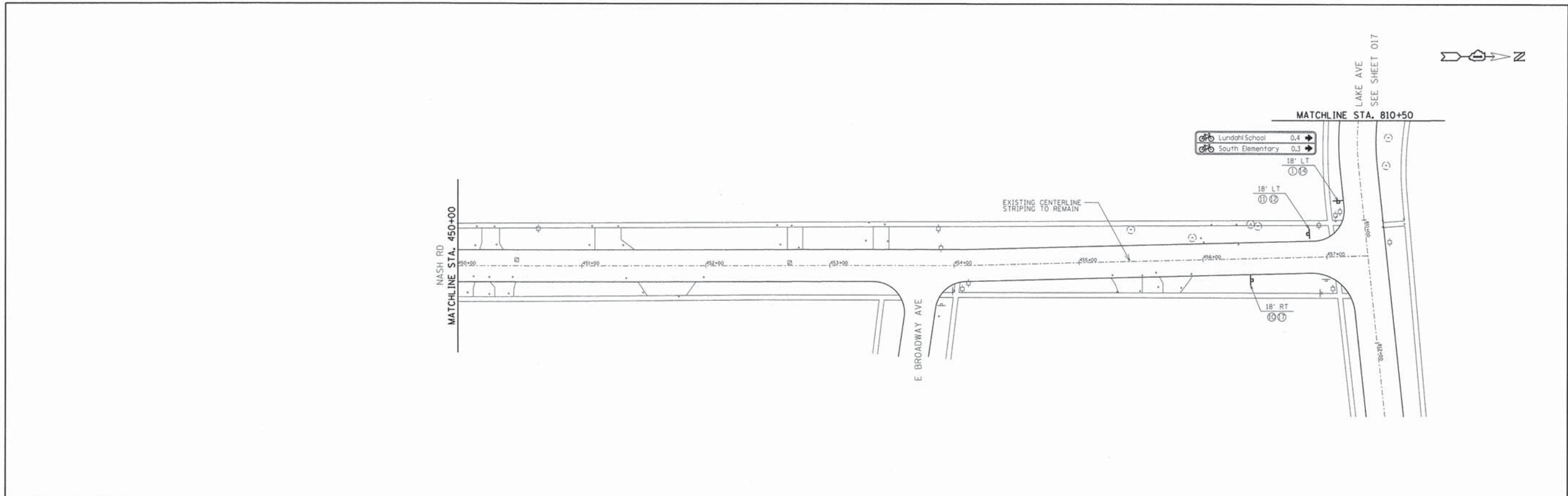
- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME =	USER NAME = #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN ST ANDREWS LANE AND NASH ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = 1" = 40'	DRAWN - DD	REVISED -			12-00118-00-BT	MCHENRY	034	014	
	PLOT DATE = #DATE#	CHECKED - EM	REVISED -			CONTRACT NO. 63827				
		DATE - 05/20/13	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 1"=40'	SHEET NO. 14 OF 34 SHEETS		STA. 419+00 TO STA. 435+00		



- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

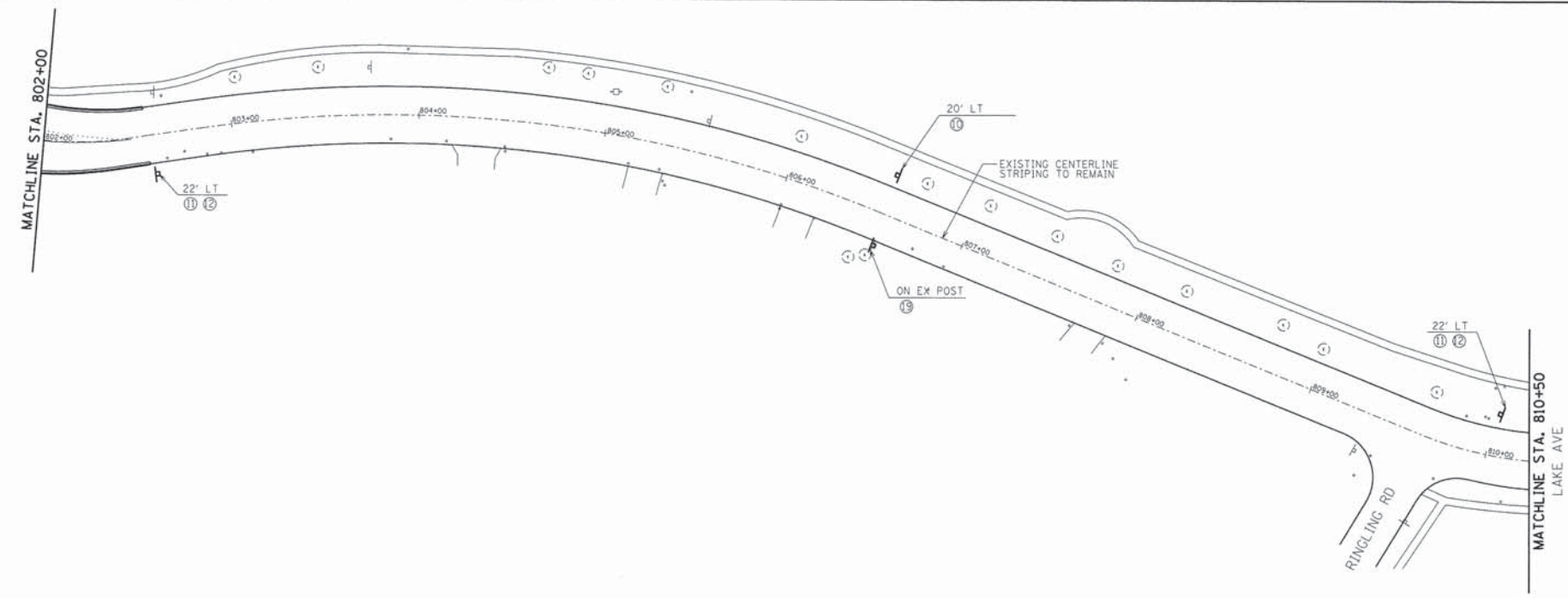
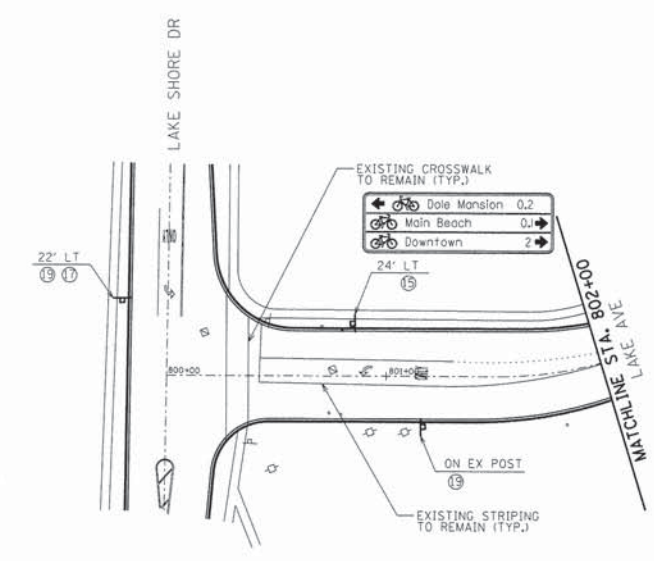
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN NASH ROAD			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = 40'	DRAWN - DD	REVISED -		SCALE: 1"=40'	SHEET NO. 15 OF 34 SHEETS	STA. 435+00 TO STA. 450+00	12-00118-00-BT	MCHENRY	037	015	
	PLOT DATE = #DATE#	CHECKED - EM	REVISED -		CONTRACT NO. 63827			ILLINOIS FED. AID PROJECT				
		DATE - 05/20/13	REVISED -									



NOTES:

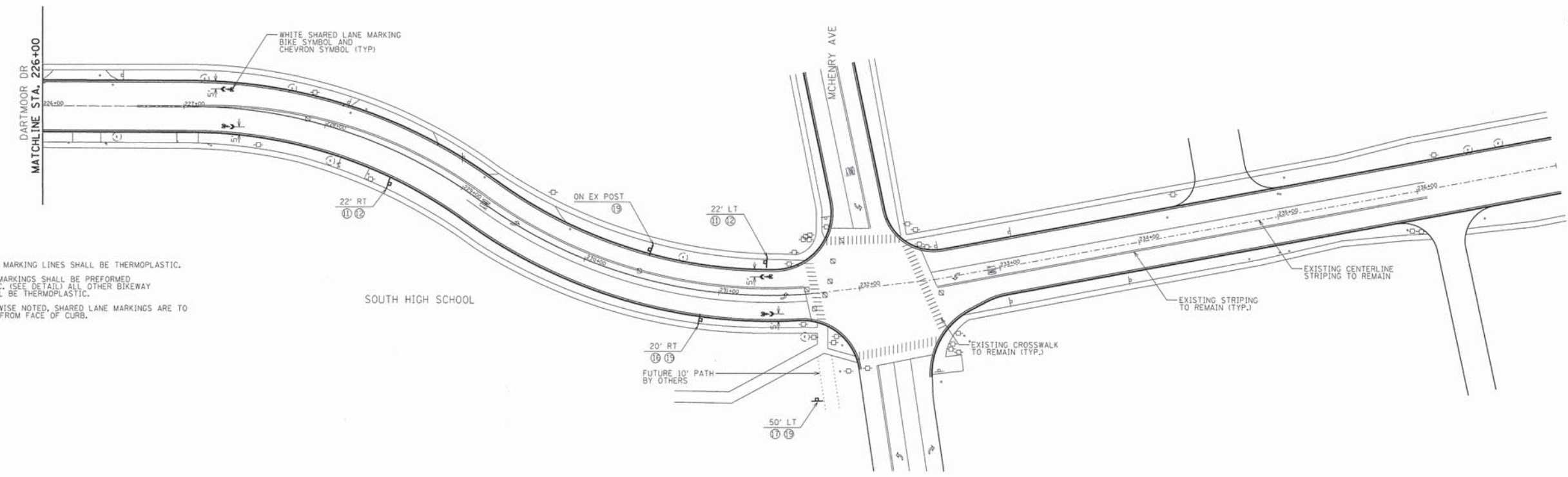
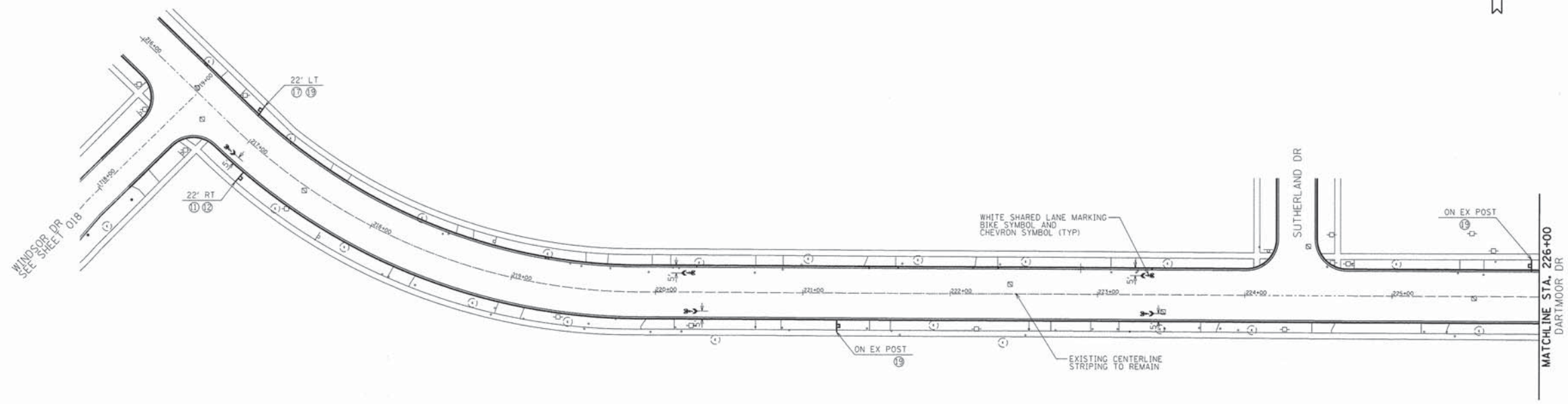
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN NASH ROAD			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = 40'	DRAWN - DD	REVISED -		SCALE: 1"=40'	SHEET NO. 16 OF 34 SHEETS	STA. 450+00 TO STA. 457+00	12-00118-00-BT	MCHENRY	034	016	
	PLOT DATE = #DATE#	CHECKED - EM	REVISED -					CONTRACT NO. 63827		ILLINOIS FED. AID PROJECT		
		DATE - 05/20/13	REVISED -									



- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME *	USER NAME * #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN LAKE AVENUE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - DD	REVISED -		SCALE: 1"=40'	SHEET NO. 17 OF 34 SHEETS	STA. 800+00 TO STA. 810+00	12-00118-00-BT	MCHENRY	034	017	
		CHECKED - EM	REVISED -		CONTRACT NO. 63827							
		DATE - 05/20/13	REVISED -		ILLINOIS FED. AID PROJECT							



- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME =
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USER NAME = #USER#
PLOT SCALE = 1" = 40'
PLOT DATE = #DATE#

DESIGNED - EM
DRAWN - DD
CHECKED - EM
DATE - 05/20/13

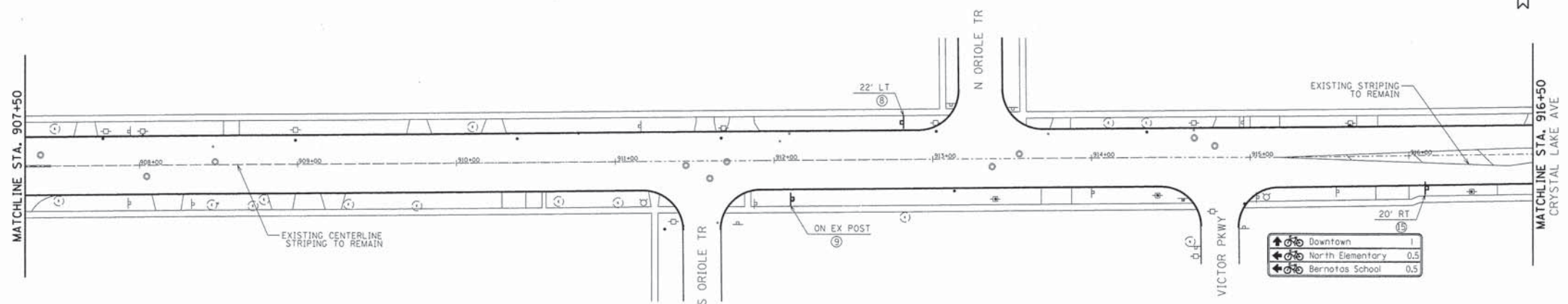
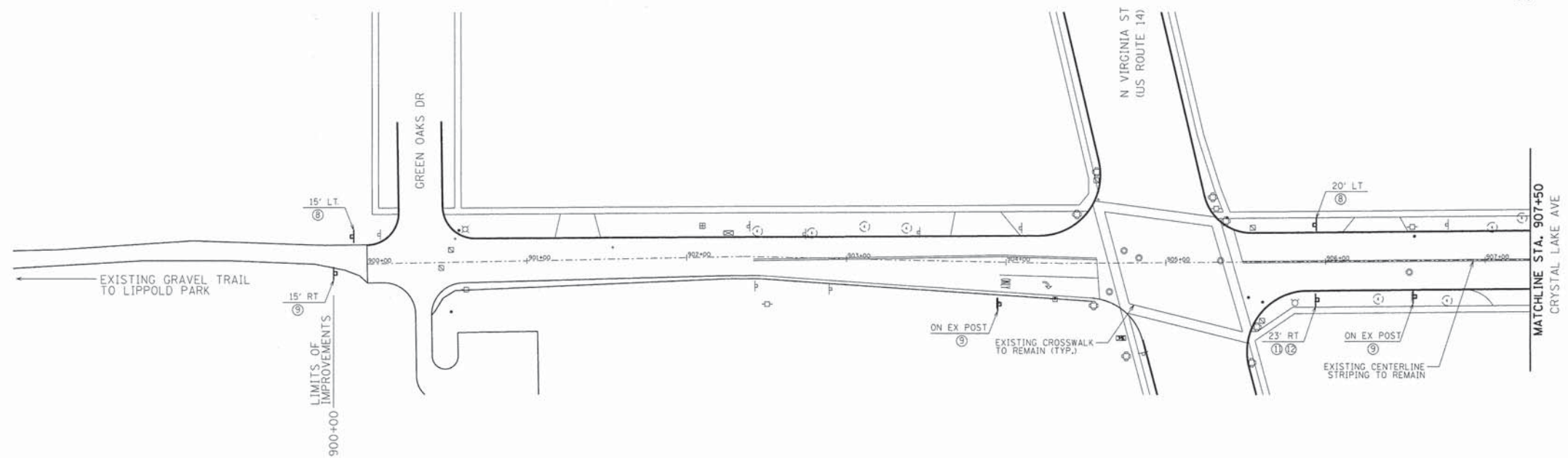
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
DARTMOOR DRIVE**

SCALE: 1"=40' SHEET NO. 19 OF 34 SHEETS STA. 217+00 TO STA. 237+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00118-00-BT	MCHENRY	034	019
CONTRACT NO. 63827				
ILLINOIS FED. AID PROJECT				



NOTES:

1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
2. SHARED LANE MARKINGS SHALL BE PERFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME =
#FILE#

USER NAME = #USER#

PLOT SCALE = 1" = 40'

PLOT DATE = #DATE#

DESIGNED - EM

DRAWN - DD

CHECKED - EM

DATE - 05/20/13

REVISED -

REVISED -

REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
CRYSTAL LAKE AVENUE

SCALE: 1"=40'

SHEET NO. 20 OF 34 SHEETS

STA. 900+00 TO STA. 917+00

F.A.U.

RTE.

SECTION

12-00118-00-BT

COUNTY

MCHENRY

TOTAL SHEETS

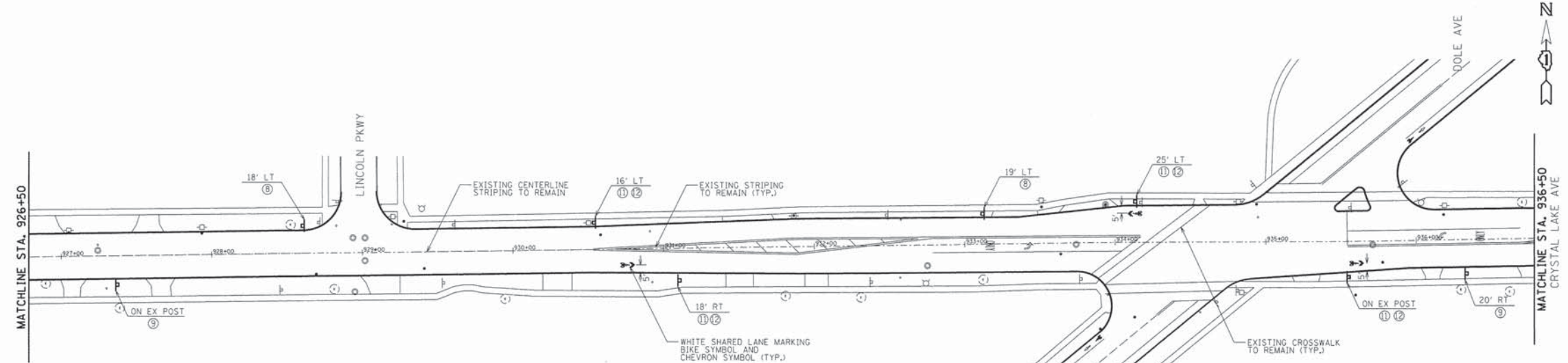
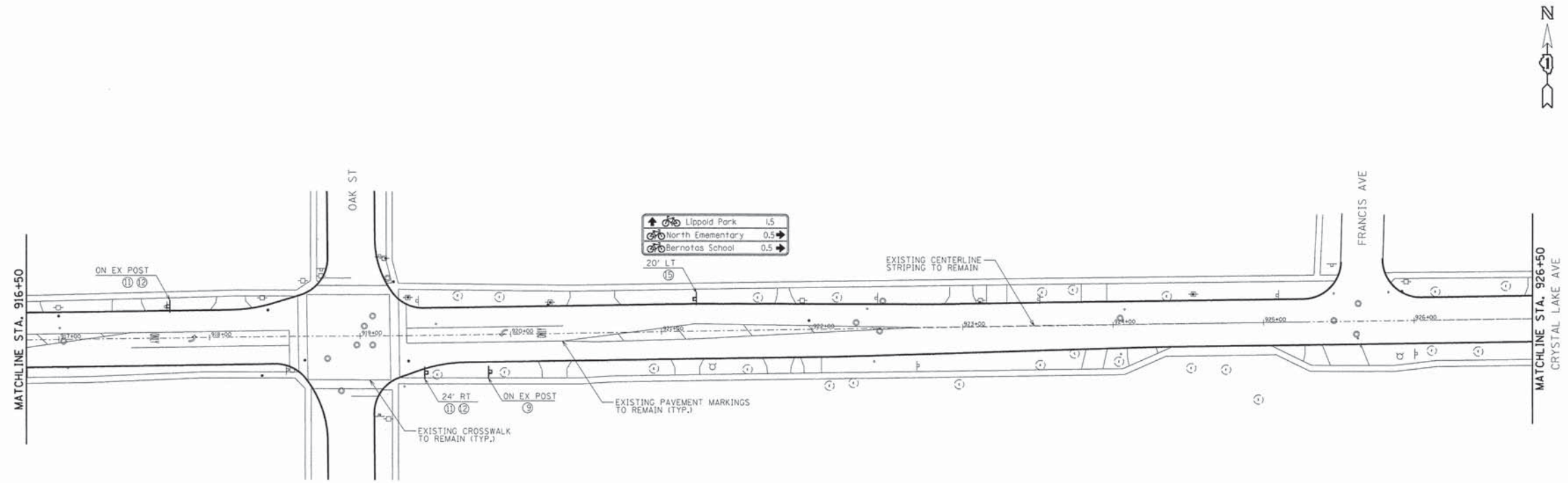
037

SHEET NO.

020

CONTRACT NO. 63827

ILLINOIS FED. AID PROJECT



- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME =
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USER NAME = #USER#
PLOT SCALE = 1" = 40'
PLOT DATE = #DATE#

DESIGNED - EM
DRAWN - DD
CHECKED - EM
DATE - 05/20/13

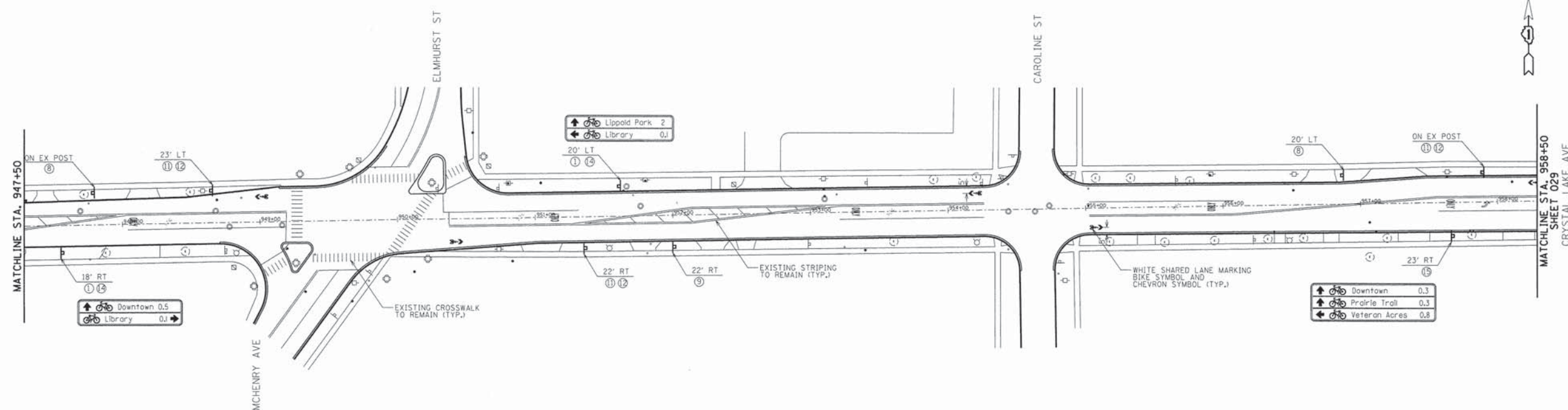
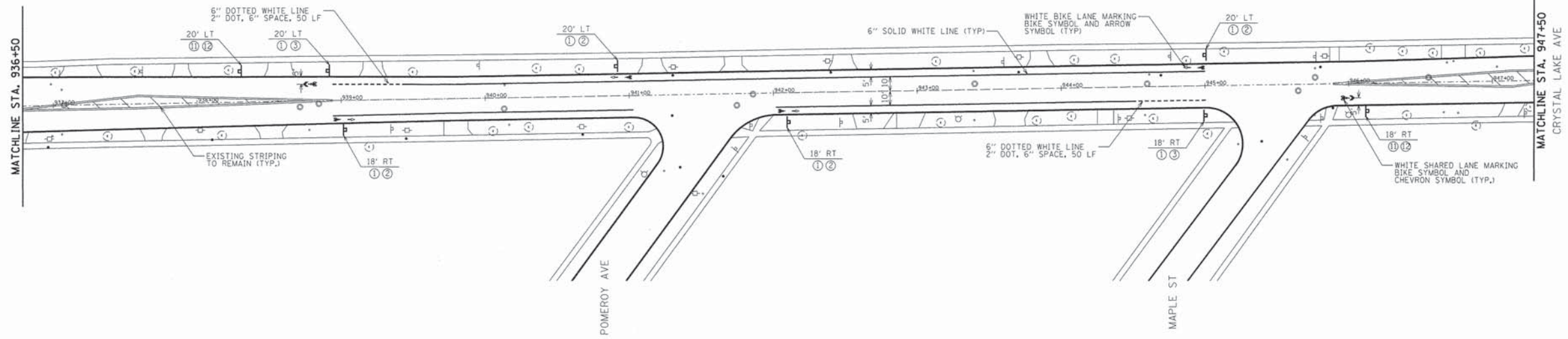
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REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
CRYSTAL LAKE AVENUE**

SCALE: 1"=40' SHEET NO. 21 OF 34 SHEETS STA. 917+00 TO STA. 936+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00118-00-BT	MCHENRY	034	021
CONTRACT NO. 63827				
ILLINOIS FED. AID PROJECT				



NOTES:

1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME =
#FILE#

USER NAME = #USER#
PLOT SCALE = 1" = 40'
PLOT DATE = #DATE#

DESIGNED - EM
DRAWN - DD
CHECKED - EM
DATE - 05/20/13

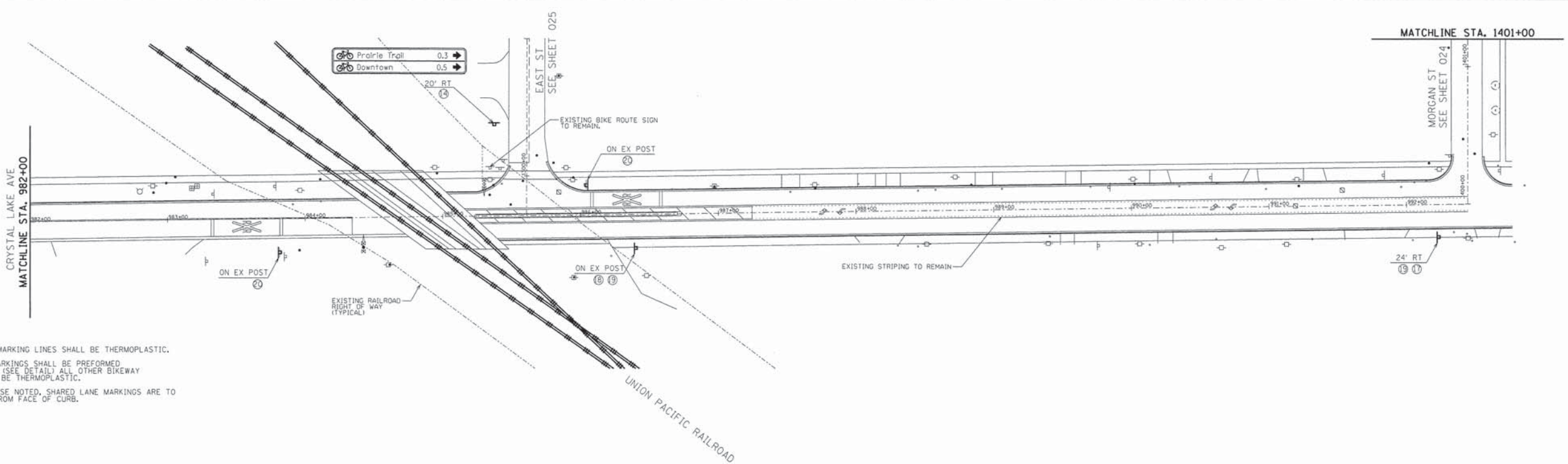
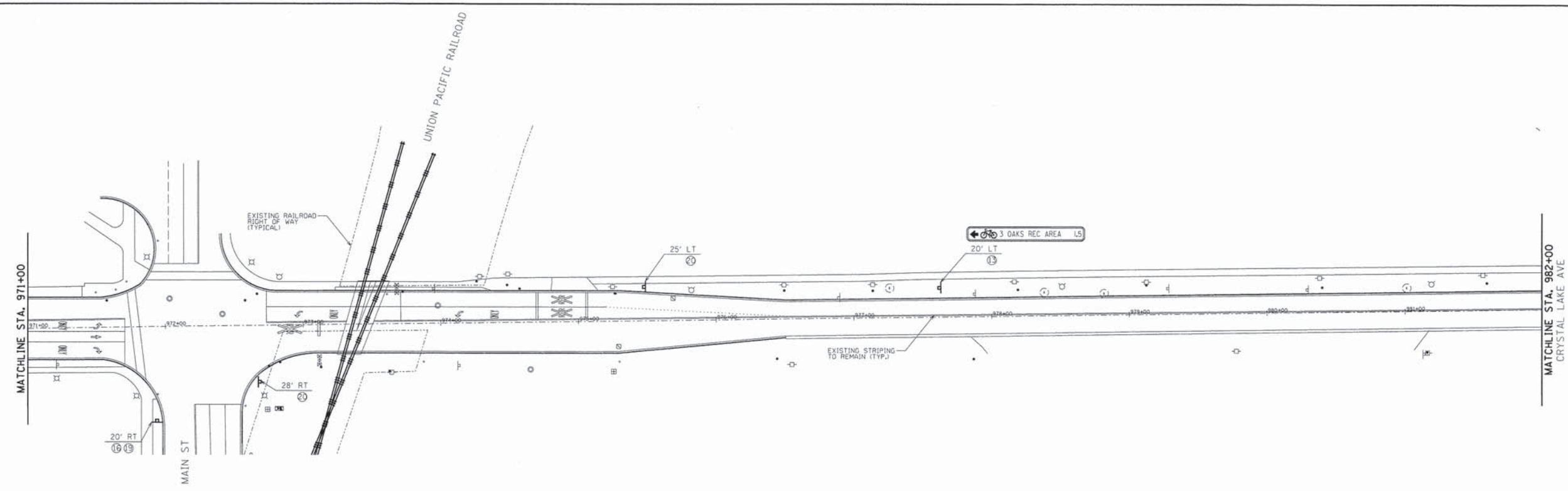
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
CRYSTAL LAKE AVENUE**

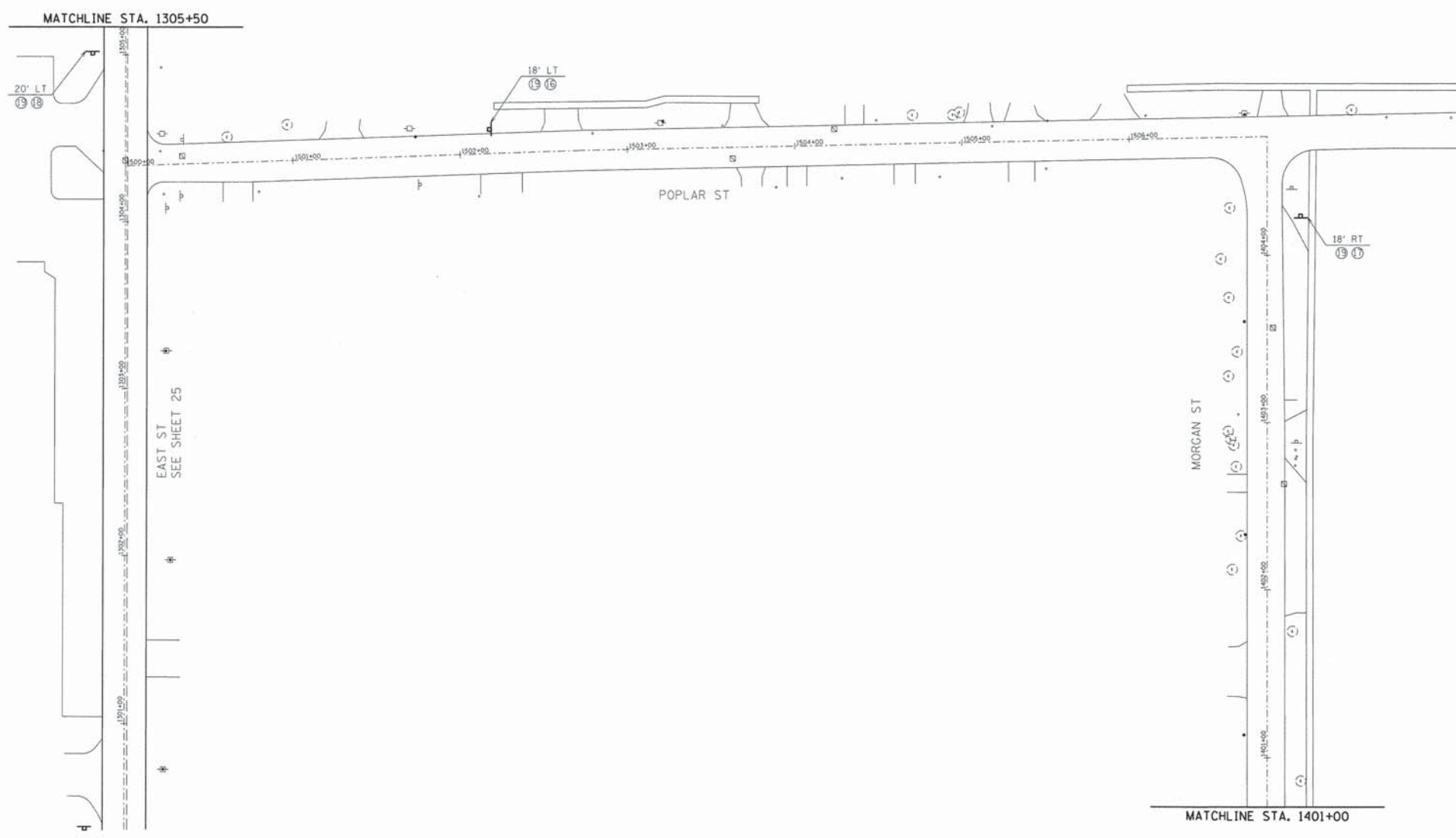
SCALE: 1"=40' SHEET NO. 22 OF 34 SHEETS STA. 937+00 TO STA. 958+00

F.A.U. RTE.	SECTION 12-00118-00-87	COUNTY MCHENRY	TOTAL SHEETS 034	SHEET NO. 022
				CONTRACT NO. 63827
ILLINOIS FED. AID PROJECT				



- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN CRYSTAL LAKE AVENUE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = 40'	DRAWN - DD	REVISED -		SCALE: 1"=40'	SHEET NO. 23 OF 34 SHEETS	STA. 971+00 TO STA. 992+00	12-00118-00-BT	MCHENRY	037	023	
	PLOT DATE = #DATE#	CHECKED - EM	REVISED -					CONTRACT NO. 63827				
		DATE - 05/20/13	REVISED -					ILLINOIS FED. AID PROJECT				



- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PERFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

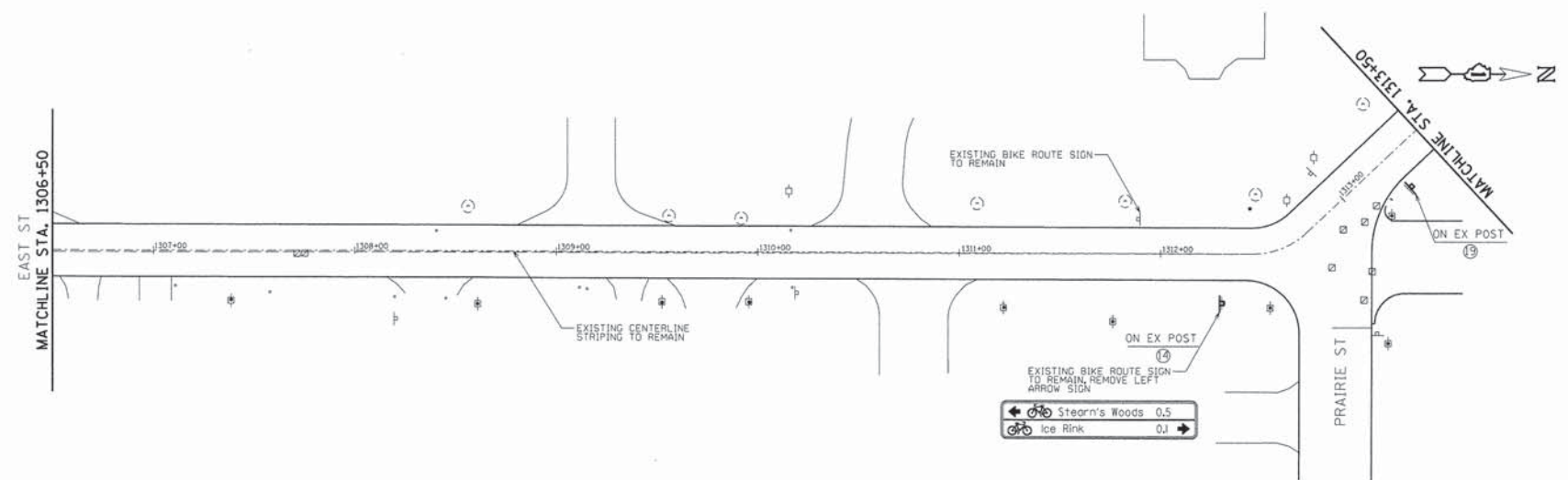
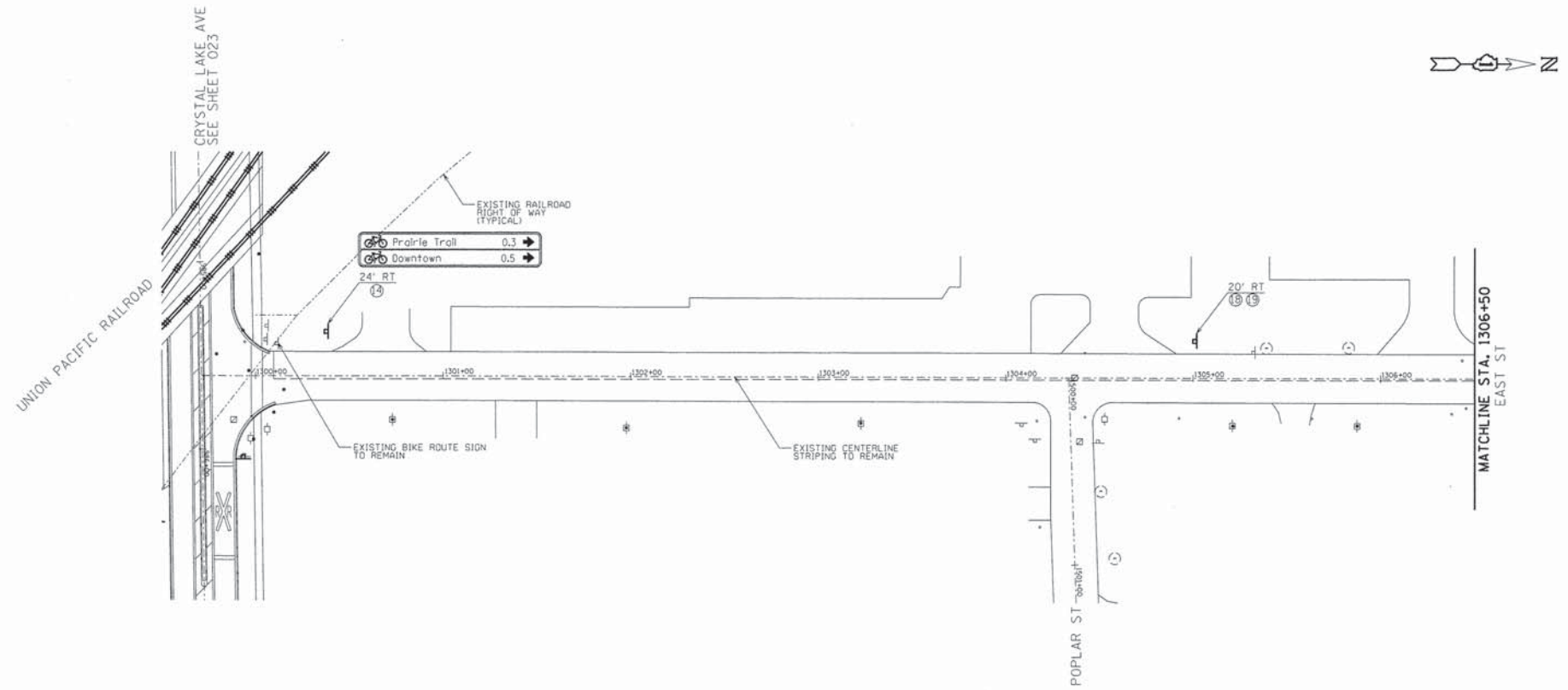
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		DRAWN - DD	REVISED -
		CHECKED - EM	REVISED -
		DATE - 05/20/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING PLAN
POPLAR STREET AND MORGAN STREET**

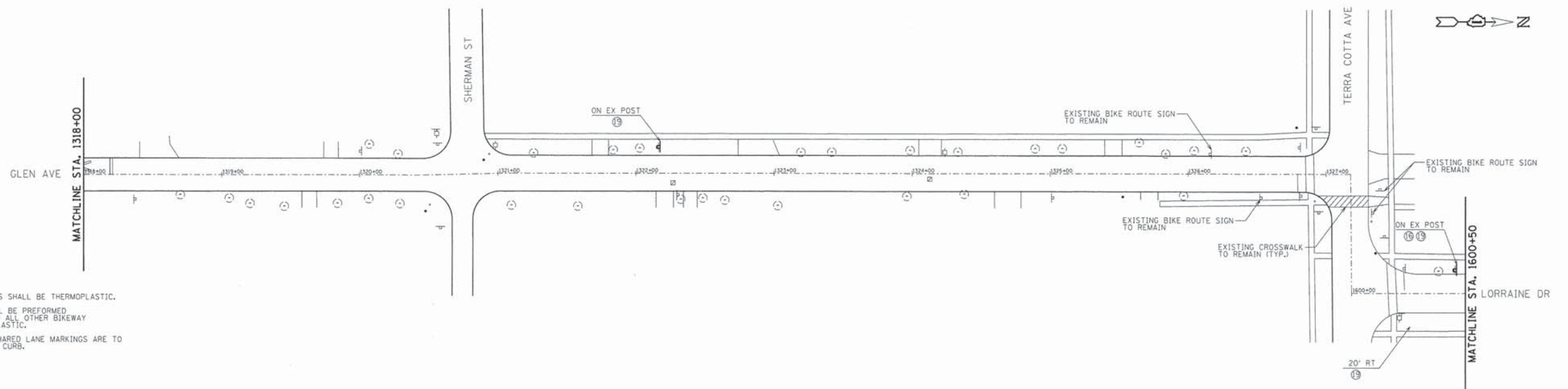
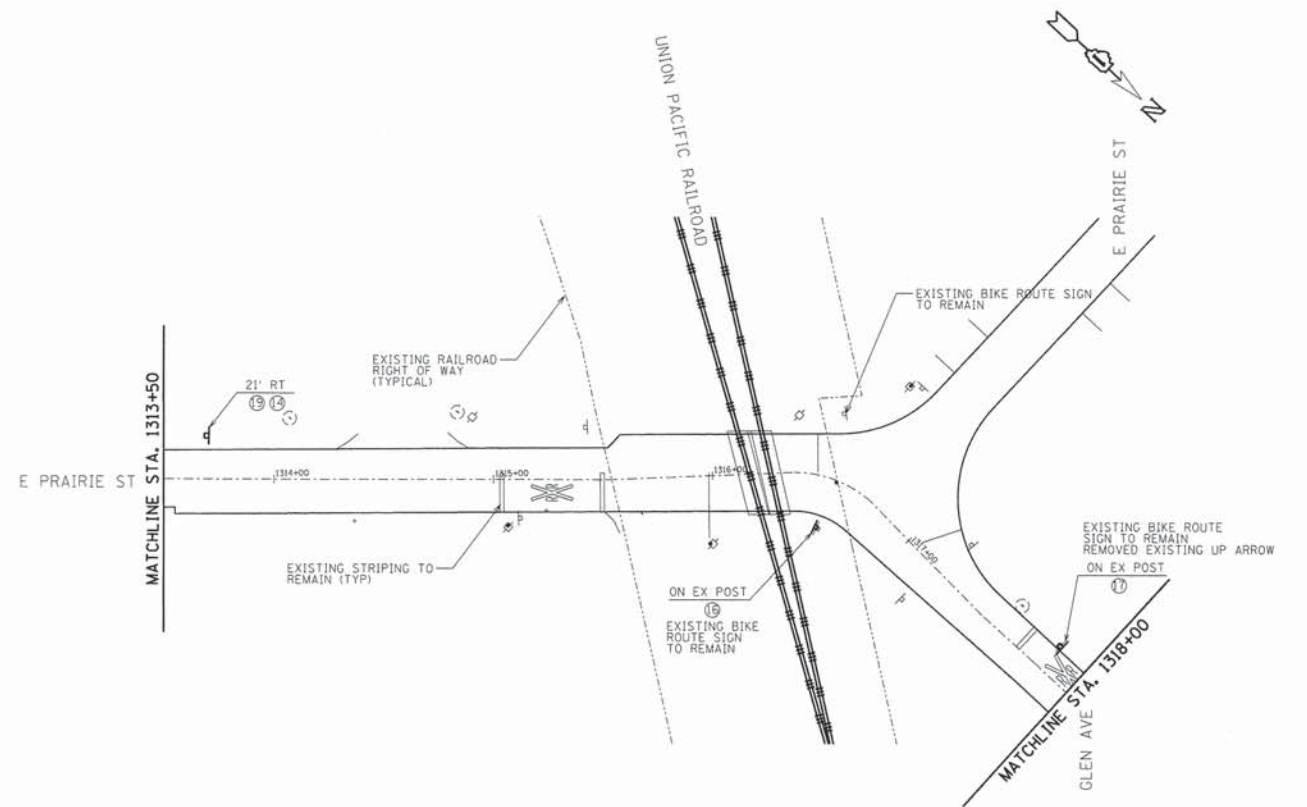
SCALE: 1"=40' SHEET NO. 24 OF 34 SHEETS STA. 1400+00 TO STA. 1506+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00118-00-BT	MCHENRY	034	024
CONTRACT NO. 63827				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

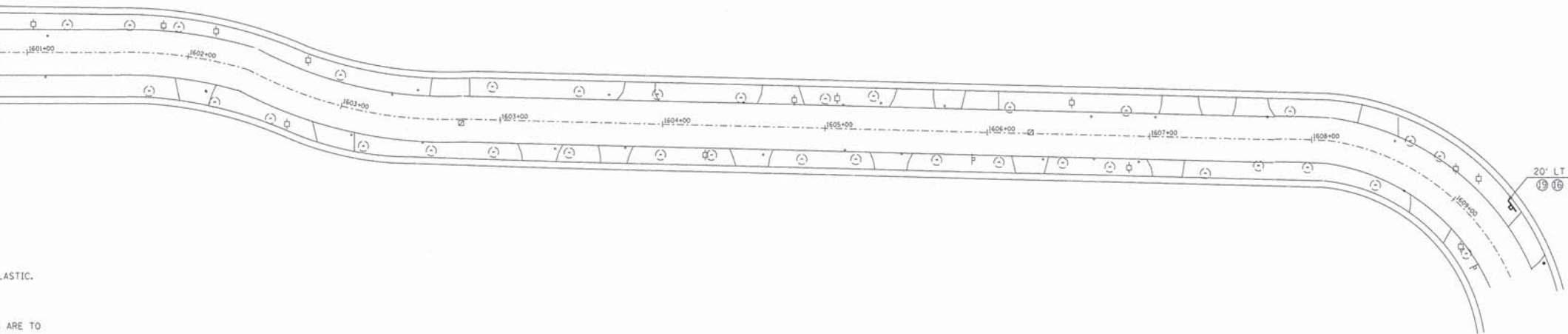
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	PLOT SCALE = 1" = 40'	DRAWN - DD	REVISED -			12-00118-00-BT	MCHENRY	034	025		
	PLOT DATE = #DATE#	CHECKED - EM	REVISED -			CONTRACT NO. 63827					
		DATE - 05/20/13	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: 1"=40'	SHEET NO. 25 OF 34 SHEETS	STA. 1300+00 TO STA. 1313+00			



- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PREFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN GLEN AVENUE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - DD	REVISED -		SCALE: 1"=40'	SHEET NO. 26 OF 34 SHEETS	STA. 1314+00 TO STA. 1337+00	12-00118-00-BT	MCHENRY	03	026	
		CHECKED - EM	REVISED -					CONTRACT NO. 63827				
		DATE - 05/20/13	REVISED -				ILLINOIS FED. AID PROJECT					

LORRAINE DR
MATCHLINE STA. 1600+50



- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PERFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

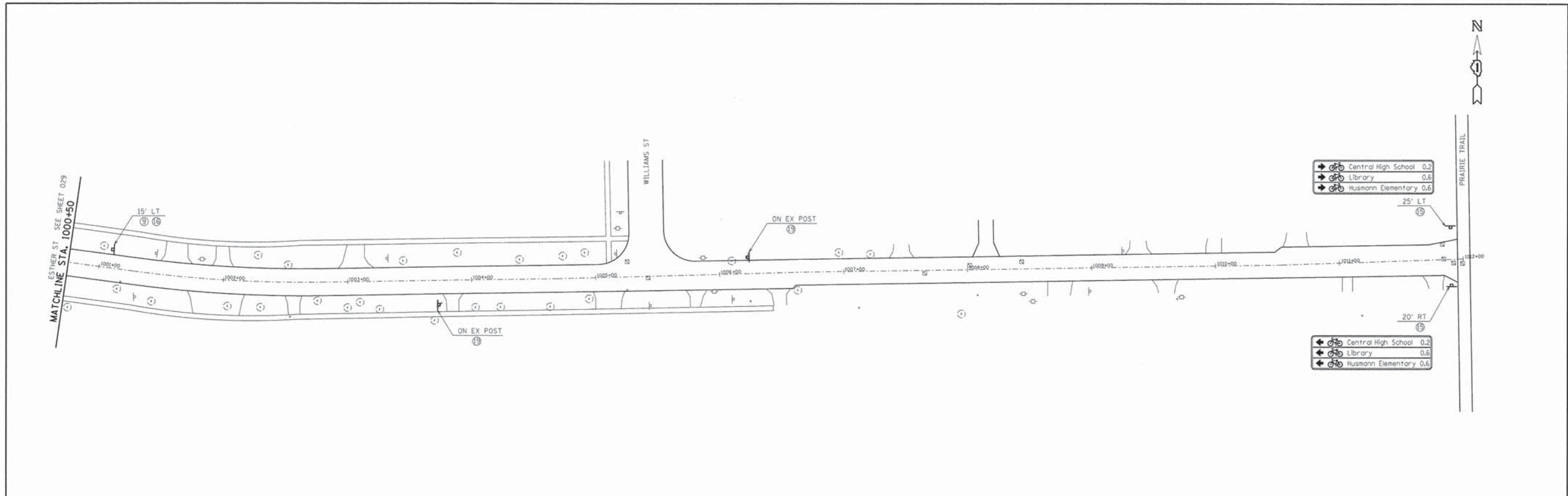
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		DRAWN - DD	REVISED -
		CHECKED - EM	REVISED -
		DATE - 05/20/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING PLAN
LORRAINE DRIVE

SCALE: 1"=40' SHEET NO. 27 OF 34 SHEETS STA. 1600+00 TO STA. 1609+00

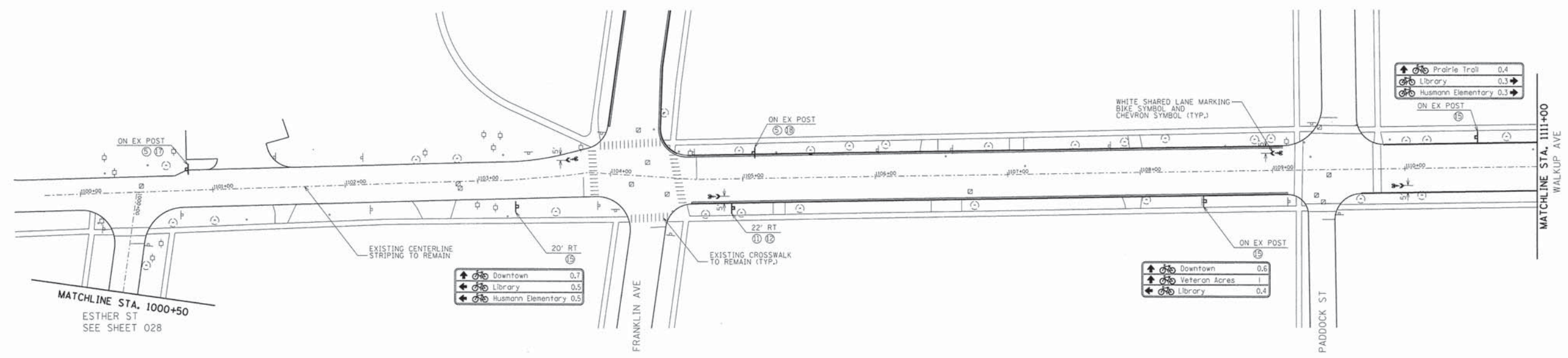
F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00118-00-BT	MCHENRY	034	027
			CONTRACT NO. 63827	
ILLINOIS FED. AID PROJECT				



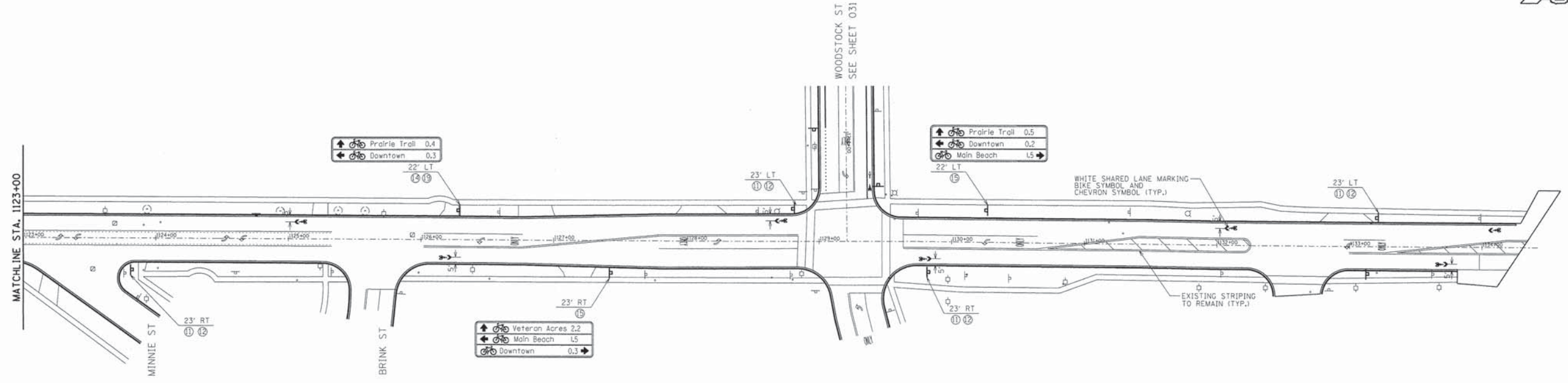
NOTES:

1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
2. SHARED LANE MARKINGS SHALL BE PERFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN ESTHER STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = 40'	DRAWN - DD	REVISED -			12-00118-00-BT	MCHENRY	034	028	
	PLOT DATE = #DATE#	CHECKED - EM	REVISED -			CONTRACT NO. 63827				
		DATE - 05/20/13	REVISED -	SCALE: 1"=40' SHEET NO. 28 OF 34 SHEETS STA. 1001+00 TO STA. 1012+00		ILLINOIS FED. AID PROJECT				

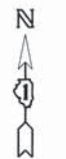
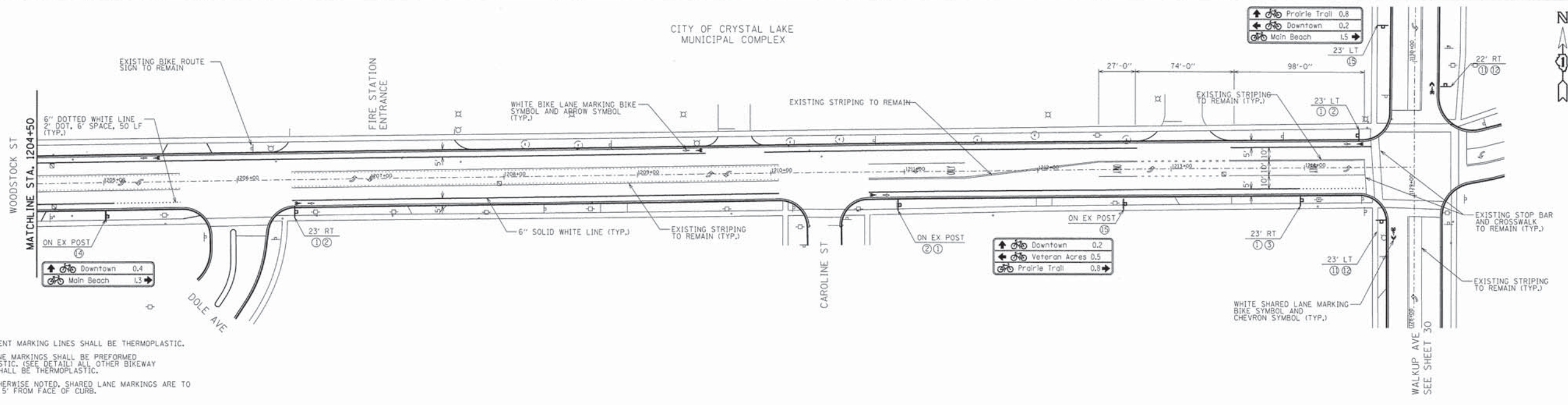
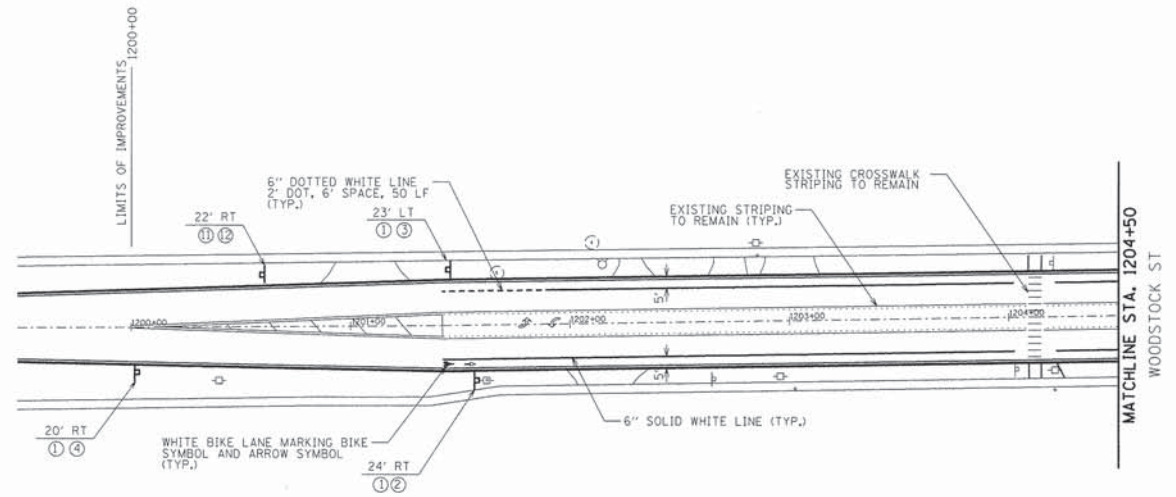
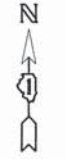


FILE NAME * #FILE#	USER NAME * #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN WALKUP AVENUE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = 40'	DRAWN - DD	REVISED -		SCALE: 1"=40'	SHEET NO. 29 OF 34 SHEETS	STA. 1100+00 TO STA. 1123+00	12-00118-00-BT	MCHENRY	034	029	
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		DATE - 05/20/13	REVISED -									



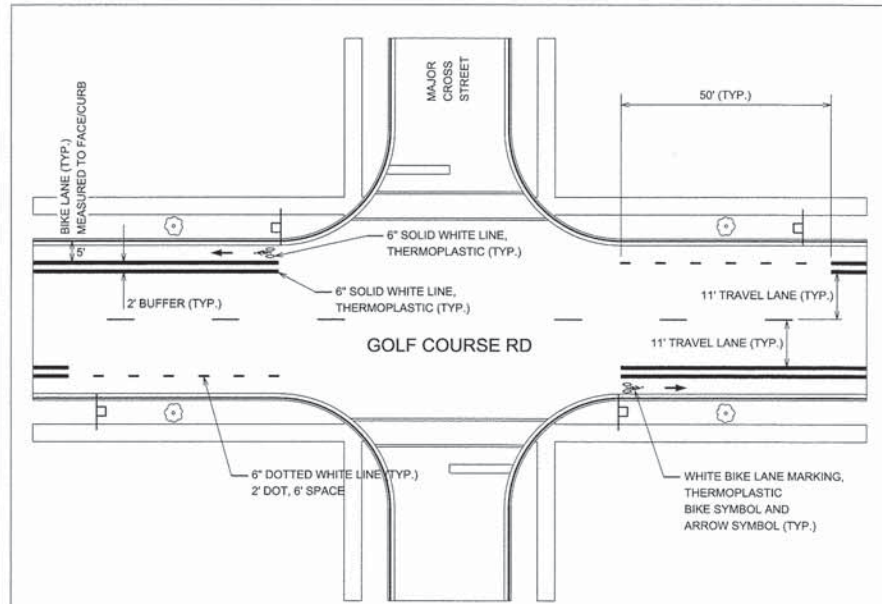
- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PERFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5' FROM FACE OF CURB.

FILE NAME =	USER NAME = #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND SIGNING PLAN WALKUP AVENUE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE = 1" = 40'	DRAWN - DD	REVISED -			12-00118-00-BT	MCHENRY	03/	030	
	PLOT DATE = #DATE#	CHECKED - EM	REVISED -			CONTRACT NO. 63827		ILLINOIS FED. AID PROJECT		
		DATE - 05/20/13	REVISED -			SCALE: 1"=40'	SHEET NO. 29 OF 34 SHEETS	STA. 1123+00 TO STA. 1134+00		

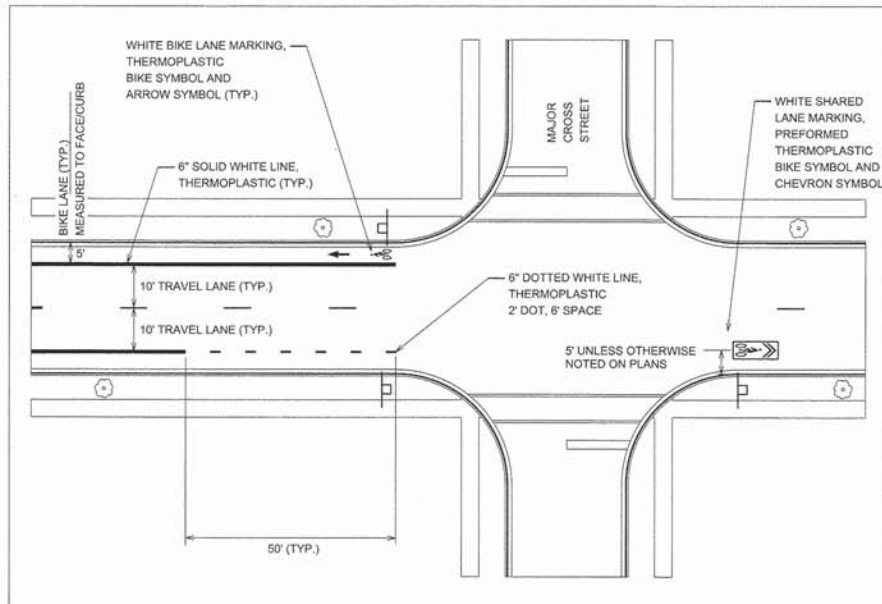


- NOTES:
1. ALL PAVEMENT MARKING LINES SHALL BE THERMOPLASTIC.
 2. SHARED LANE MARKINGS SHALL BE PERFORMED THERMOPLASTIC. (SEE DETAIL) ALL OTHER BIKEWAY SYMBOLS SHALL BE THERMOPLASTIC.
 3. UNLESS OTHERWISE NOTED, SHARED LANE MARKINGS ARE TO BE PLACED 5" FROM FACE OF CURB.

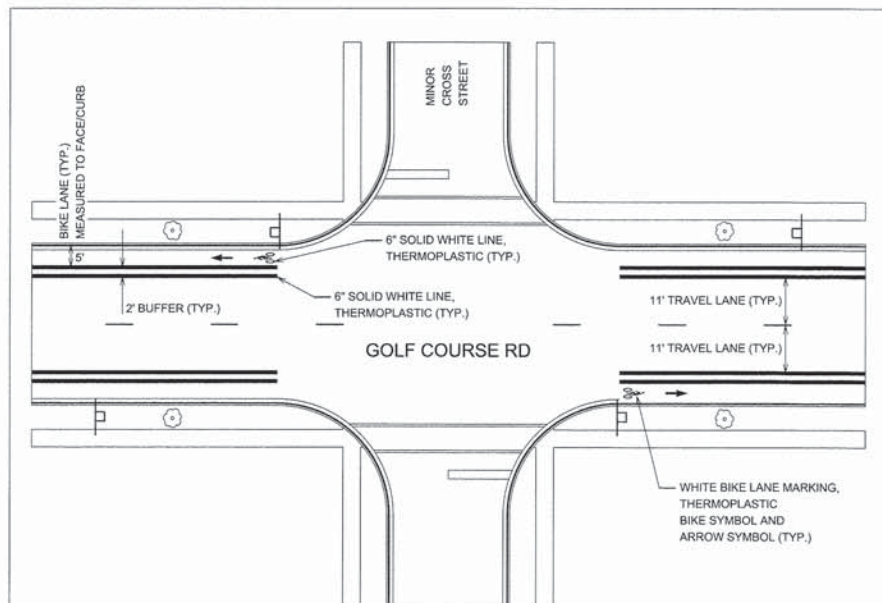
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	PLOT SCALE = 1" = 40'	DRAWN - DD	REVISED -			12-00118-00-BT	MCHENRY	03	031	
	PLOT DATE = #DATE#	CHECKED - EM	REVISED -			CONTRACT NO. 63827				
		DATE - 05/20/13	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE: 1"=40'	SHEET NO. 31 OF 34 SHEETS		STA. 1200+00 TO STA. 1214+00		



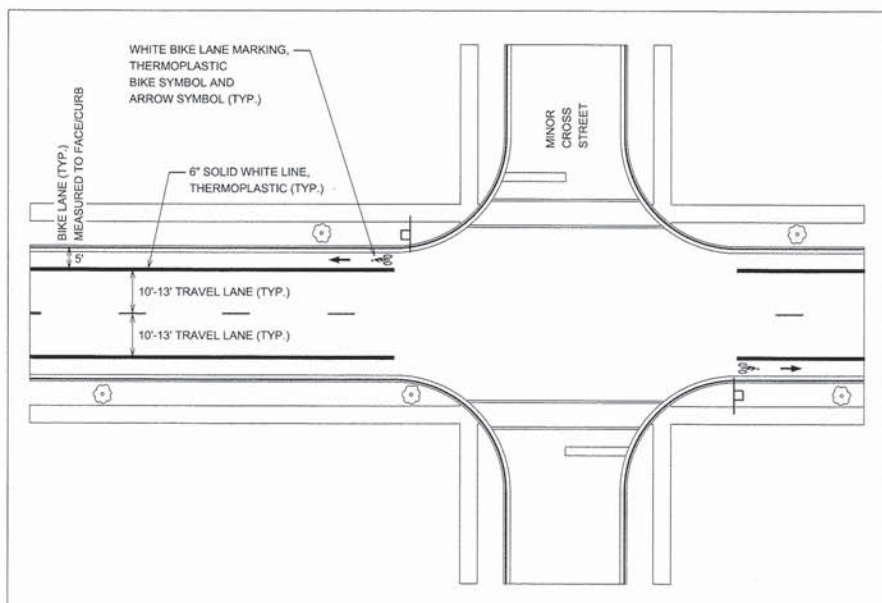
DETAIL A
BUFFERED BIKE LANE
INTERSECTION WITH MAJOR STREETS



DETAIL C
STANDARD BIKE LANE
INTERSECTION WITH MAJOR STREETS



DETAIL B
BUFFERED BIKE LANE
INTERSECTION WITH MINOR STREETS



DETAIL D
STANDARD BIKE LANE
INTERSECTION WITH MINOR STREETS

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - EM	REVISED -
		DRAWN - EM	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - EM	REVISED -
Default	PLOT DATE = #DATE#	DATE - 05/20/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STANDARD DETAILS

SCALE: N/A SHEET 32 OF 34 SHEETS STA. TO STA.

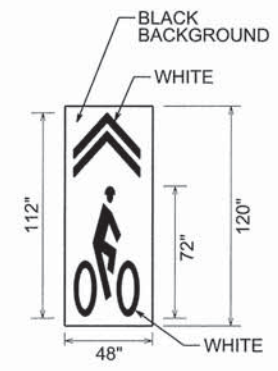
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-00118-00 BT	MCHENRY	034	032
CONTRACT NO. 63827				
ILLINOIS FED. AID PROJECT				



BIKE LANE SYMBOL
(THERMOPLASTIC)
15.6 SQ-FT

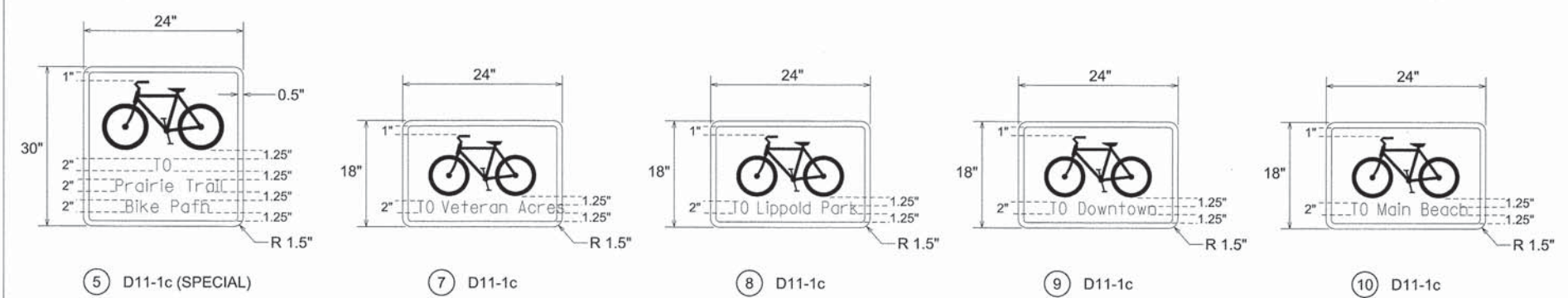


RIGHT TURN LANE SYMBOL
(THERMOPLASTIC)
36.4 SQ-FT

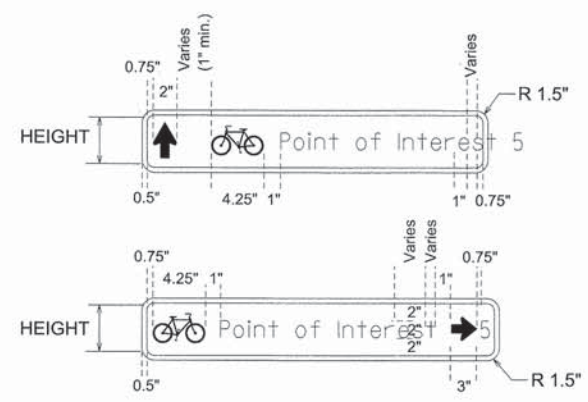


SHARED LANE MARKING
(PERFORMED THERMOPLASTIC)
40 SQ-FT

DETAIL F
PAVEMENT MARKINGS -
LETTERS AND SYMBOLS



⑤ D11-1c (SPECIAL) ⑦ D11-1c ⑧ D11-1c ⑨ D11-1c ⑩ D11-1c



⑬ D1-1c: 1-LINE, HEIGHT = 6"
⑭ D1-2c: 2-LINES, HEIGHT = 12"
⑮ D1-3c: 3-LINES, HEIGHT = 18"

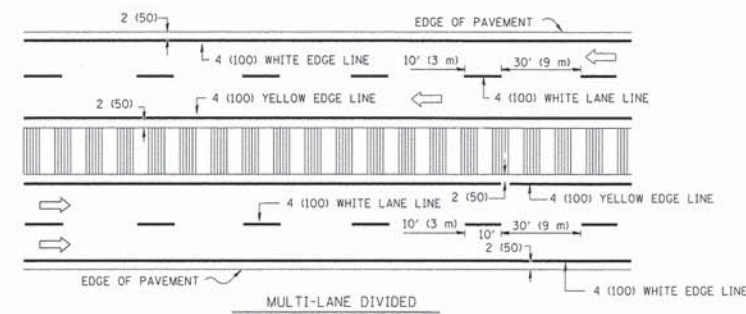
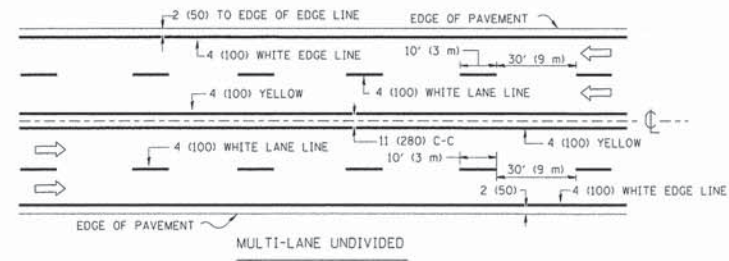
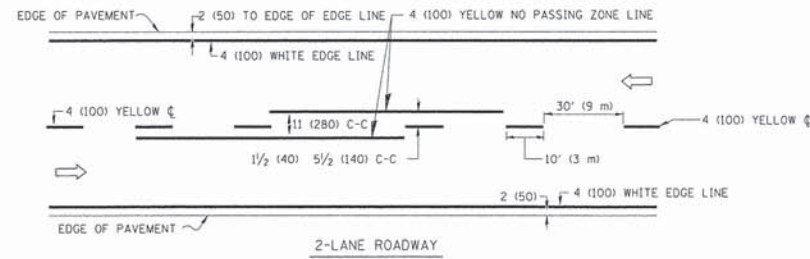
- NOTES:
1. ALL UNITS IN INCHES.
 2. UNLESS OTHERWISE NOTED, CENTER LEGEND HORIZONTALLY ON SIGN.
 3. SEE PAGES 6-7 OF FHWA STANDARD HIGHWAY SIGNS MANUAL FOR BIKE SYMBOL DESIGN DETAIL.
 4. CONTRACTOR SHALL STAKE SIGN POST LOCATIONS TO BE APPROVED BY THE ENGINEER PRIOR TO CONTACTING J.U.L.I.E.
 5. SIGNS PLACEMENT SHALL BE ACCORDING TO THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DESIGN (MUTCD).

FONT:
FHWA C SERIES FONT;
CAPITAL LETTER HEIGHT 2"; AND
CAPITALIZE ONLY FIRST LETTER OF EACH WORD (EXCEPT FOR THE WORD "TO").

COLORS:
LEGEND = WHITE (RETROREFLECTIVE)
BACKGROUND = GREEN (RETROREFLECTIVE)
BORDER = WHITE (RETROREFLECTIVE)

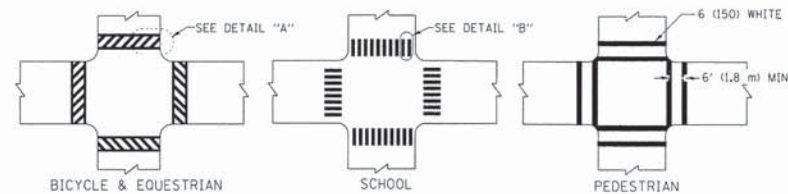
DETAIL G
BICYCLE WAYFINDING SIGNAGE

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STANDARD DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = #SCALE#	DRAWN - EM	REVISED -		SCALE: N/A	SHEET 33	OF 37	SHEETS	STA.	TO STA.	MCHENRY	037	033
Default	PLOT DATE = #DATE#	CHECKED - EM	REVISED -								CONTRACT NO. 63827		
		DATE - 05/20/13	REVISED -								ILLINOIS FED. AID PROJECT		

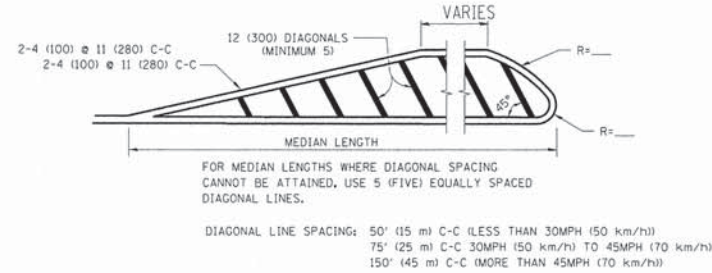
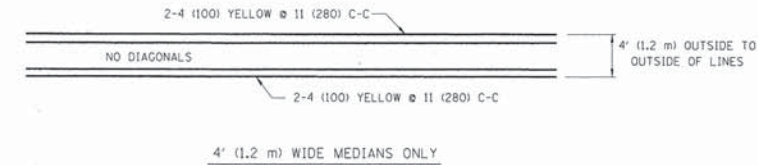


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

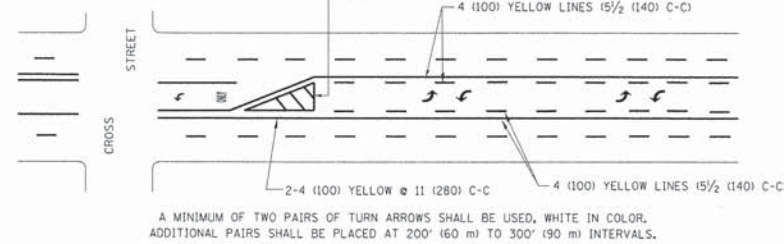
TYPICAL LANE AND EDGE LINE MARKING



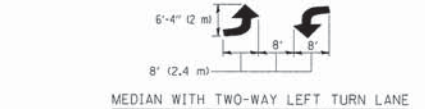
TYPICAL CROSSWALK MARKING



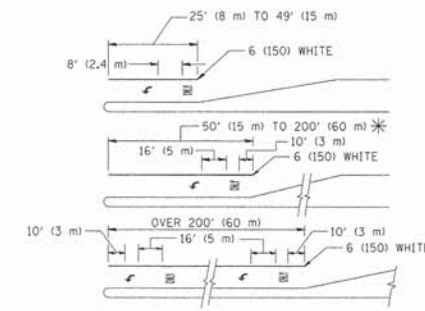
MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING



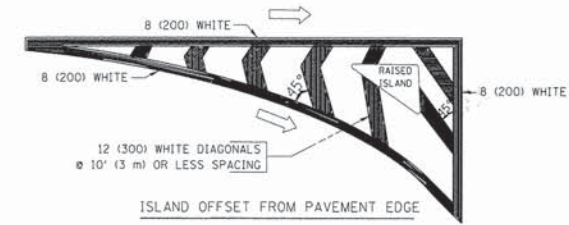
MEDIAN WITH TWO-WAY LEFT TURN LANE



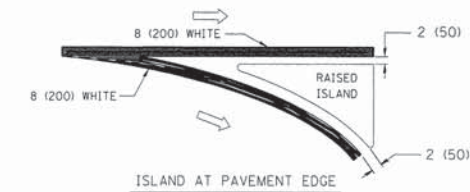
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

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) ON FREEWAYS	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 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	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 SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 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 CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	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" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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.

FILE NAME =	USER NAME = drvakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
cs:\pwork\pavedot\drvakosgn\10108315\to	3.dgn	DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE = 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

F.A.M. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	12-0018-00-BT	McHENRY	34	34
	TC-13	CONTRACT NO. 63827		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.