

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAU 1360 (US 41 / FOSTER AVE.)
IL 43 (HARLEM AVE.) TO ASHLAND AVE.
SECTION 2012-009RS
RESURFACING (3P)
COOK COUNTY
C-91-368-12

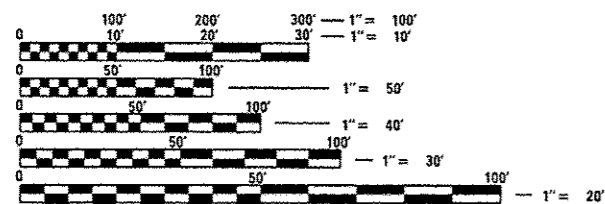
F.A.U. RTE. 1360	SECTION 2012-009RS	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 1
ILLINOIS			CONTRACT NO. 60T51	

D-91-368-12



FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS IMPROVEMENT IS LOCATED
IN THE CITY OF CHICAGO

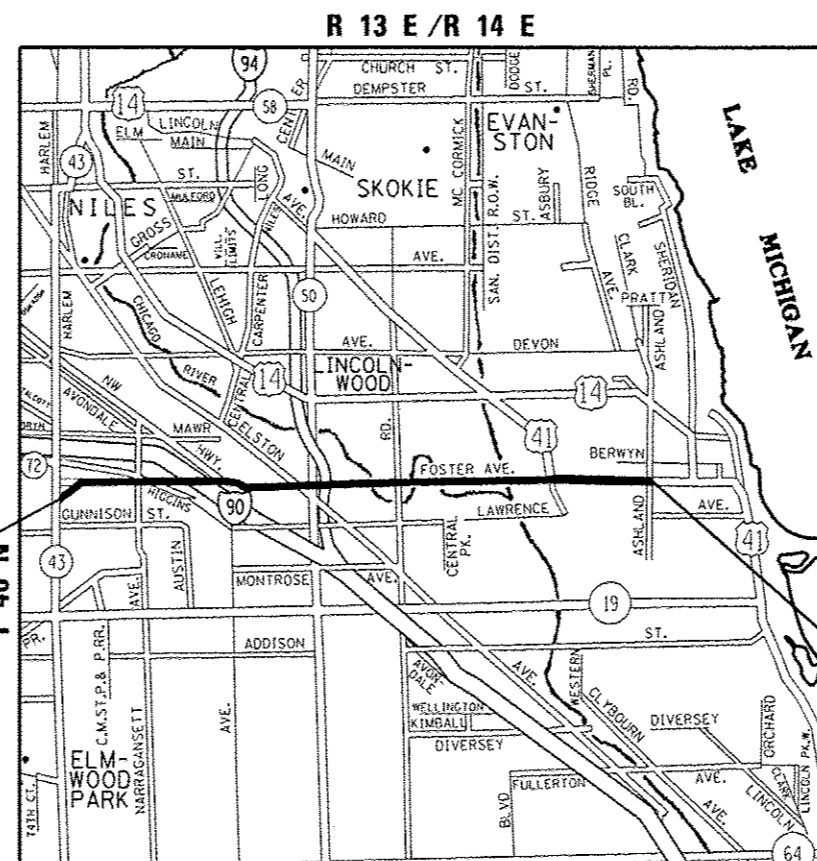


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

C.U.A.N.
CHICAGO UTILITY ALERT NETWORK
(312) 744-7000

PROJECT ENGINEER: KARI SMITH (847) 705-4437
PROJECT MANAGER: KEN ENG (847) 705 4247

CONTRACT NO. 60T51



OMISSIONS

99 + 80	-	103 + 73
168 + 91	-	170 + 33
214 + 31	-	215 + 99
223 + 72	-	224 + 72
232 + 43	-	233 + 49
244 + 98	-	255 + 96
284 + 78	-	285 + 82
319 + 68	-	327 + 73
364 + 46	-	370 + 22

PROJECT ENDS:
STATION 381+60

PROJECT BEGINS:
STATION 6+57

JEFFERSON & LAKEVIEW TOWNSHIPS
GROSS LENGTH = 37,503 FT. = 7.10 MILE
NET LENGTH = 34,011 FT. = 6.44 MILE

TRAFFIC DATA

2010 ADT = 33,500
POSTED SPEED LIMIT = 25 - 30 MPH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 10 2013
John P. [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 10 2013
John D. Baranzelli, P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT

May 10 2013
Orker Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
604001-03	FRAME AND LIDS, TYPE 1
606001-04	COMBINATION CONCRETE CURB AND GUTTER
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	LANE CLOSURE, INTERMITTENT OR MOVING OPERATION FOR SPEEDS <= 40 MPH
701427-01	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701606-08	URBAN LANE CLOSURE, MULTILANE 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-05	LANE CLOSURE MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-02	TRAFFIC CONTROL DEVICES

GENERAL NOTES

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (45 KM/H) OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (45 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

THE RESIDENT ENGINEER SHALL CONTACT MR. WALTER CZARNY AREA TRAFFIC FIELD ENGINEER AT (847) 715-8419 A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

THE CONTRACTOR SHALL VERIFY ALL EXISTING PAVEMENT MARKINGS BEFORE MILLING

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

WHEN STRUCTURES ARE TO BE RECONSTRUCTED, THE LOWERING AND RAISING OF THE STRUCTURE DURING MILLING AND RESURFACING OPERATIONS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF "MANHOLES TO BE RECONSTRUCTED" PAY ITEM

CHICAGO NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.

ALL CATCH BASINS IN THE CITY OF CHICAGO MUST MEET THE DEPARTMENT OF SEWERS' STANDARDS.

PERMITS FROM THE DEPARTMENT OF SEWERS ARE REQUIRED FOR ALL UNDERGROUND STORM, SANITARY OR COMBINED SEWER SYSTEM CONSTRUCTION, AND FOR RESURFACING WORK INVOLVING ADJUSTMENT OF SEWER STRUCTURES. THE DEPARTMENT OF SEWERS, PERMIT MUST BE OBTAINED BY A LICENSED SEWER DRAIN LAYER PRIOR TO START OF CONSTRUCTION.

PERFORATED LIDS SHALL BE PLACED ON ALL MANHOLES AND CATCH BASINS.

ALL BROKEN, CRACKED, WORN OR OTHERWISE DAMAGED OR BICYCLE UNSAFE FRAMES AND LIDS ON SEWER STRUCTURES, SHALL BE REPLACED WITH NEW DEPARTMENT OF SEWERS' STANDARDS FRAMES AND LIDS.

OPEN LID DRAINAGE STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION OF THIS ROADWAY WITHOUT THE WRITTEN PERMISSION FROM THE CITY OF CHICAGO.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY OF CHICAGO AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

FILE NAME :	USER NAME : guilloumefp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, LIST OF STATE STANDARDS & GENERAL NOTES FOSTER AVE. (HARLEM AVE. TO ASHLAND AVE.)	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\guilloumefp\d0301450	36012-shr-plan.dgn	DRAWN -	REVISED -			1360	2012-009RS	COOK	33	2	
	PLOT SCALE = 1/8"=50'	CHECKED -	REVISED -			CONTRACT NO. 60T51					
	PLOT DATE = 4/9/2013	DATE -	REVISED -			SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES			100% STATE URBAN		CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0005						
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	682	682						
25200110	SODDING, SALT TOLERANT	SO YD	682	682						
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	132	132						
40600300	AGGREGATE (PRIME COAT)	TON	660	660						
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	247	247						
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), 1L-4.75, N50	TON	6270	6270						
40600895	CONSTRUCTING TEST STRIP	EACH	2	2						
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	3523	3523						
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	459	459						
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	16181	16181						
42001300	PROTECTIVE COAT	SO YD	3876	3876						
42300100	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH	SO YD	676	676						

SUMMARY OF QUANTITIES			100% STATE URBAN		CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0005						
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	5373	5373						
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	13112	13112						
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	152000	152000						
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	676	676						
44000600	SIDEWALK REMOVAL	SO FT	5373	5373						
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SO YD	2045	2045						
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	253	253						
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	519	519						
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	984	984						
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5	5						
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	11	11						
60406520	FRAMES AND LIDS, OPEN LID (CITY OF CHICAGO)	EACH	27	27						
60406530	FRAMES AND LIDS, CLOSED LID (CITY OF CHICAGO)	EACH	186	186						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL NO	10	10						

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009RS	COOK	33	3
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 60T51				

SUMMARY OF QUANTITIES			100% STATE URBAN		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0005					
67100100	MOBILIZATION	L SUM	1	1					
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1					
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11796	11796					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	996	996					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	25009	25009					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	7290	7290					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	417	417					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	942	942					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	21184	21184					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	56566	56566					

SUMMARY OF QUANTITIES			100% STATE URBAN		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	ROADWAY 0005					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	996	996					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	25009	25009					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	7290	7290					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	417	417					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	942	942					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	21184	21184					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	773	773					
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1100	1100					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	220	220					
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	11728	11728					
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	110	110					

* Specialty Items

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PLOT DATE : 4/9/2003	DATE -	REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.U. RTE. 1360	SECTION 2012-009RS	COUNTY COOK	TOTAL SHEETS 33	SHEET NO. 4
CONTRACT NO. 60T51				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

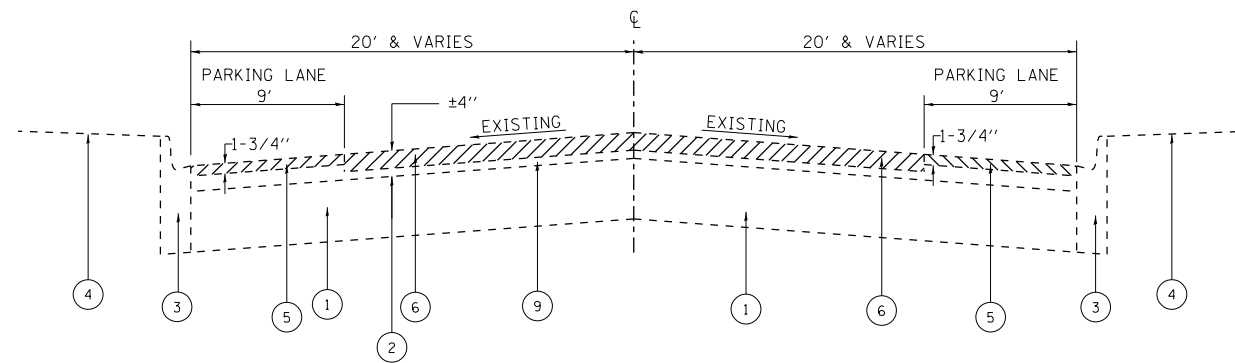
SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
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20030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	51.4					
20048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1					
20076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500					

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES						

1001 STATE URBAN

2
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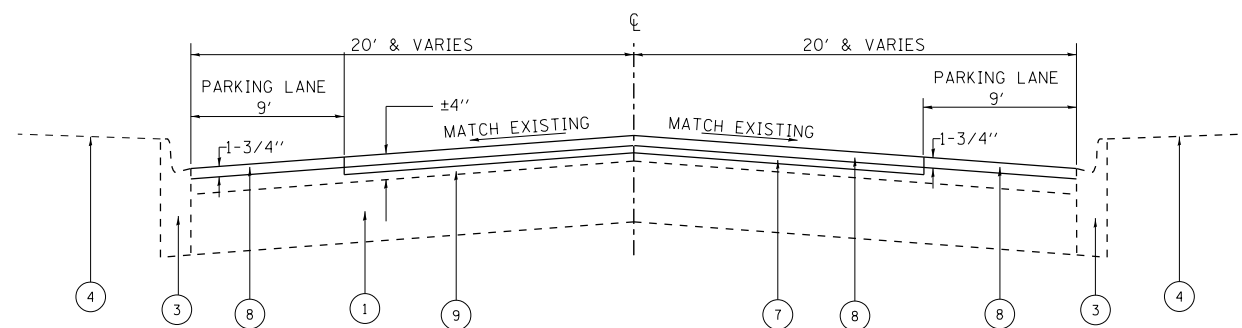
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FOSTER AVE.
EXISTING TYPICAL CROSS SECTION
STA. 6+57 TO STA. 140+20

LEGEND

1. EXISTING P.C. CONCRETE PAVEMENT, ± 10"
2. EXISTING HMA SURFACE COURSE, ± 4"
3. EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.12
4. EXISTING P.C. CONCRETE SIDEWALK
5. PROPOSED HMA SURFACE REMOVAL, 1 3/4"
6. PROPOSED HMA SURFACE REMOVAL, 2 1/2"
7. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
8. PROPOSED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
9. EXISTING HMA SURFACE OVERLAY, ± 1 1/2"

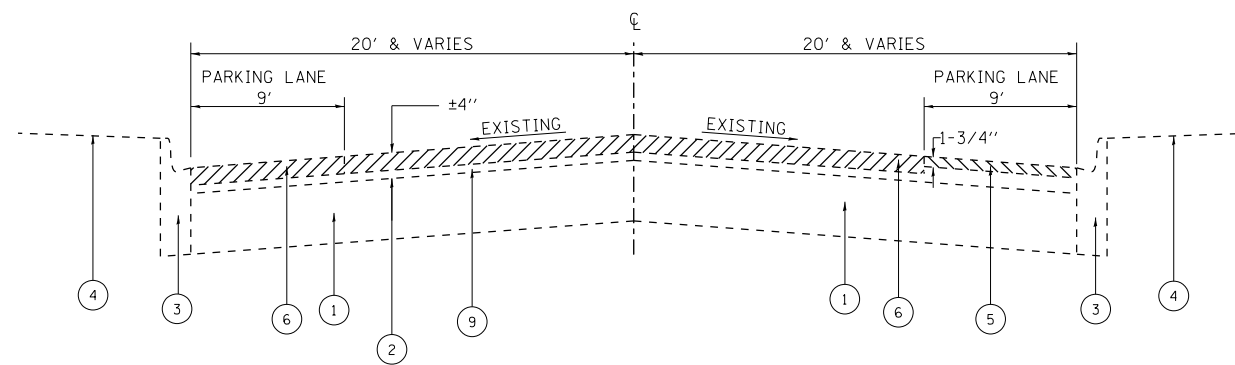


FOSTER AVE.
PROPOSED TYPICAL CROSS SECTION
STA. 6+57 TO 140+20

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS(%) @ NDES
PAVEMENT RESURFACING	
POLY. HMA SURFACE COURSE, MIX "F", N90 (IL-9.5 mm)	4% @ 90 GYR.
POLY. LEVELING BINDER COURSE (MM), IL-4.75, N50	3.5% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.

NOTES

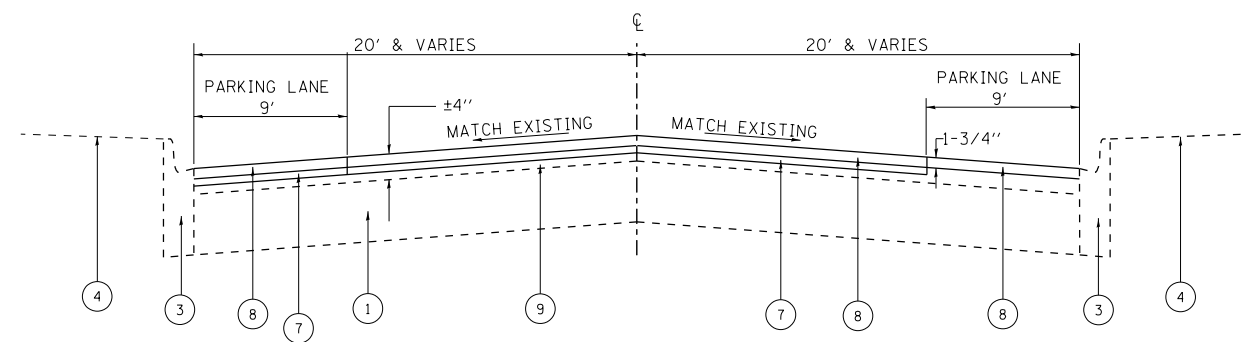
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. "FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
3. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.



FOSTER AVE.
EXISTING TYPICAL CROSS SECTION
STA. 140+20 TO STA. 208+10

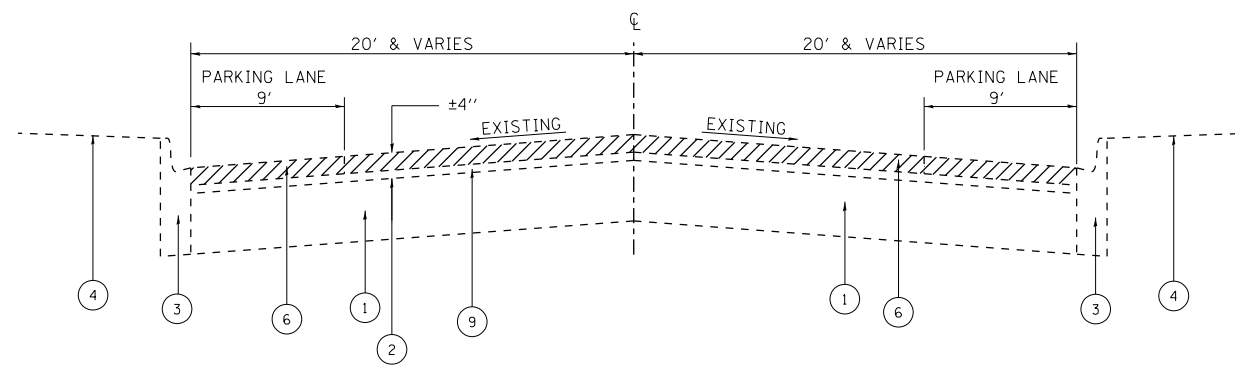
LEGEND

1. EXISTING P.C. CONCRETE PAVEMENT, ± 10"
2. EXISTING HMA SURFACE COURSE, ± 4"
3. EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.12
4. EXISTING P.C. CONCRETE SIDEWALK
5. PROPOSED HMA SURFACE REMOVAL, 1 3/4"
6. PROPOSED HMA SURFACE REMOVAL, 2 1/2"
7. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
8. PROPOSED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
9. EXISTING HMA SURFACE OVERLAY, ± 1 1/2"



FOSTER AVE.
PROPOSED TYPICAL CROSS SECTION
STA. 140+20 TO STA. 208+10

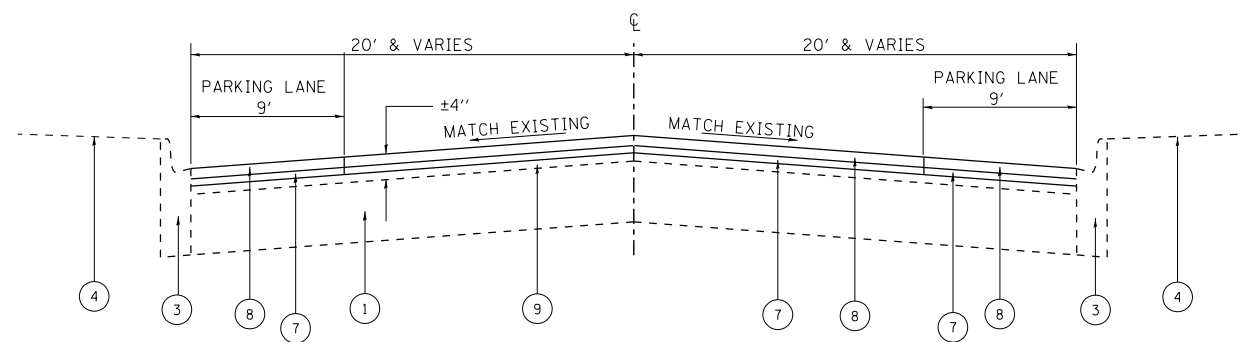
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	36812-sht-plan.dgn	DRAWN -	REVISED -			1360	2012-009RS	COOK	33	7
	PLOT SCALE = 100.0002' / in.	CHECKED -	REVISED -			CONTRACT NO. 60T51				
	PLOT DATE = 4/9/2013	DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



FOSTER AVE.
EXISTING TYPICAL CROSS SECTION
STA. 208+10 TO STA. 381+60

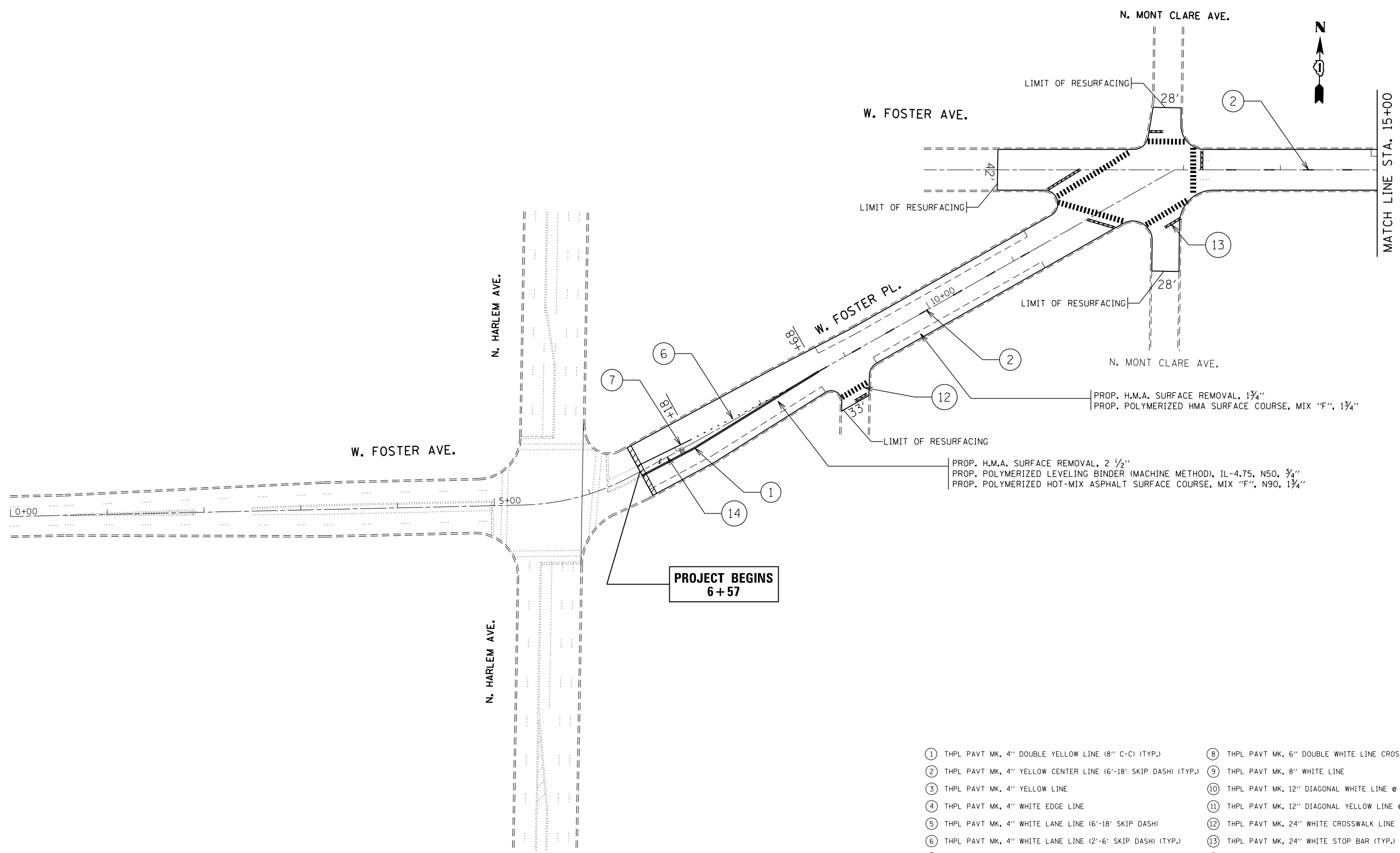
LEGEND

1. EXISTING P.C. CONCRETE PAVEMENT, ± 10"
2. EXISTING HMA SURFACE COURSE, ± 4"
3. EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.12
4. EXISTING P.C. CONCRETE SIDEWALK
5. PROPOSED HMA SURFACE REMOVAL, 1 3/4"
6. PROPOSED HMA SURFACE REMOVAL, 2 1/2"
7. PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
8. PROPOSED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
9. EXISTING HMA SURFACE OVERLAY, ± 1 1/2"



FOSTER AVE.
PROPOSED TYPICAL CROSS SECTION
STA. 208+10 TO STA. 381+60

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	36812-sht-plan.dgn	DRAWN -	REVISED -			1360	2012-009RS	COOK	33	8
PLOT SCALE = 100.0002' / in.	CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60T51					
PLOT DATE = 4/9/2013	DATE -	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



PROP. H.M.A. SURFACE REMOVAL, 1 3/4"
 PROP. POLYMERIZED HMA SURFACE COURSE, MIX "F", 1 3/4"

PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

- ① THPL PAVT MK, 4" DOUBLE YELLOW LINE (8" C-C) (TYP.)
- ② THPL PAVT MK, 4" YELLOW CENTER LINE (6'-18' SKIP DASH) (TYP.)
- ③ THPL PAVT MK, 4" YELLOW LINE
- ④ THPL PAVT MK, 4" WHITE EDGE LINE
- ⑤ THPL PAVT MK, 4" WHITE LANE LINE (6'-18' SKIP DASH)
- ⑥ THPL PAVT MK, 4" WHITE LANE LINE (2'-6' SKIP DASH) (TYP.)
- ⑦ THPL PAVT MK, 6" WHITE LANE LINE (TYP.)
- ⑧ THPL PAVT MK, 6" DOUBLE WHITE LINE CROSSWALK (6' C-C)
- ⑨ THPL PAVT MK, 8" WHITE LINE
- ⑩ THPL PAVT MK, 12" DIAGONAL WHITE LINE @ 45° (TYP.)
- ⑪ THPL PAVT MK, 12" DIAGONAL YELLOW LINE @ 45° (TYP.)
- ⑫ THPL PAVT MK, 24" WHITE CROSSWALK LINE (2' APART) (TYP.)
- ⑬ THPL PAVT MK, 24" WHITE STOP BAR (TYP.)
- ⑭ THPL PAVT MK, LETTERS & SYMBOLS

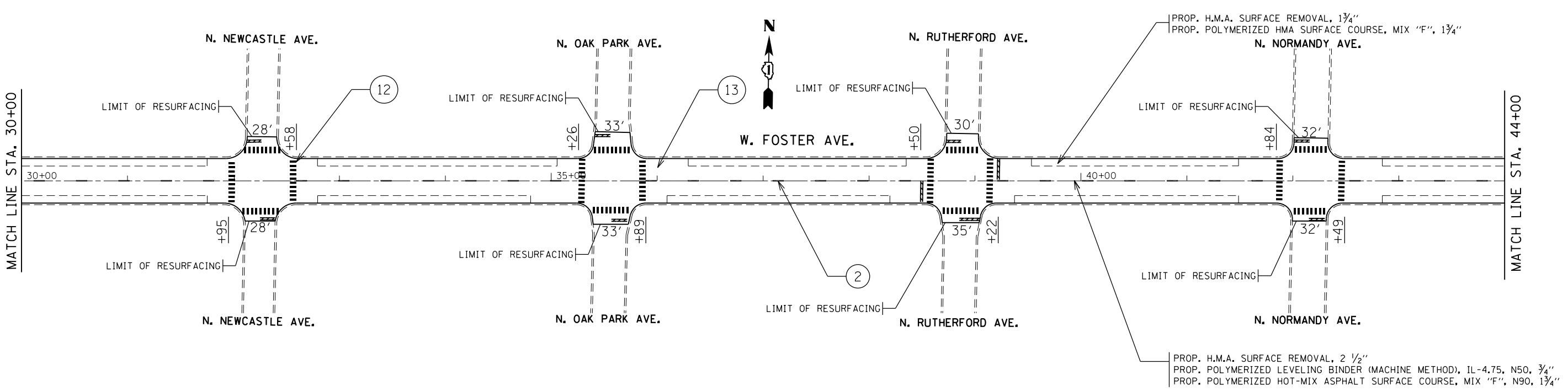
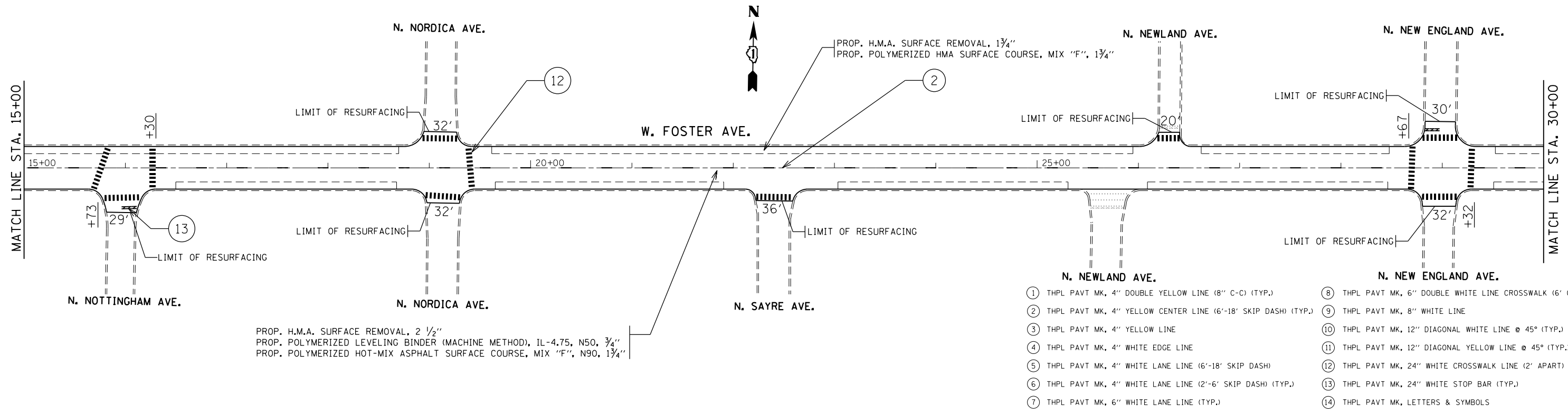
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	PLOT DATE = 4/9/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FOSTER AVE
 HARLEM AVE TO ASHLAND AVE**

SCALE: SHEET 1 OF 14 SHEETS STA. TO STA.

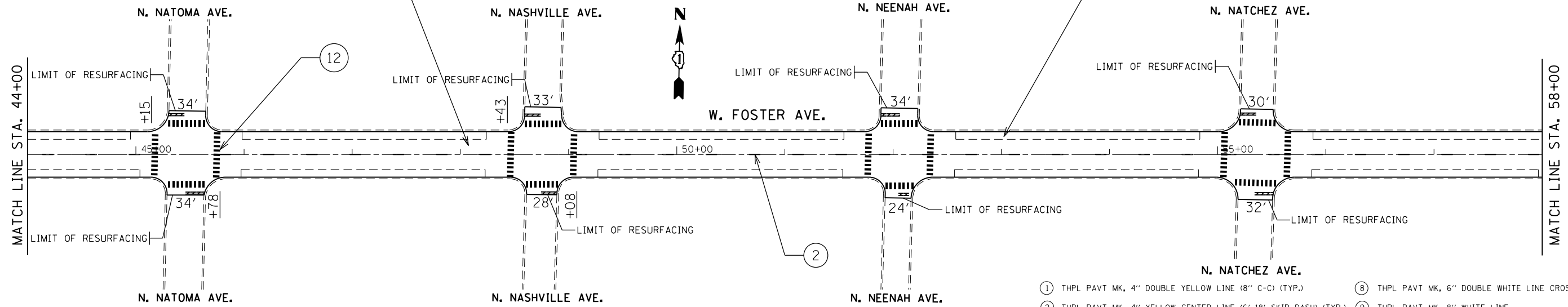
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009R5	COOK	33	9
CONTRACT NO. 60T51				
ILLINOIS FED. AID PROJECT				



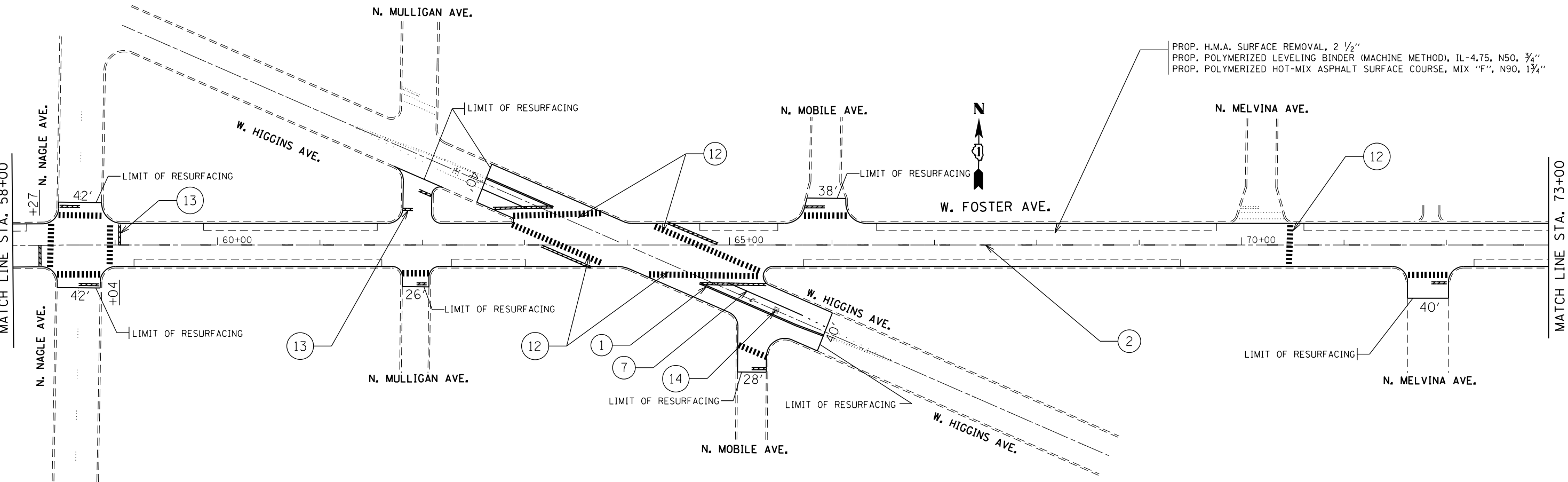
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Default	36812-sht-plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET 2 OF 14 SHEETS	STA.	1360	2012-009R5	COOK	33	10
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -				TO STA.	CONTRACT NO. 60T51				
	PLOT DATE = 4/9/2013	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

PROP. H.M.A. SURFACE REMOVAL, 1 3/4"
 PROP. POLYMERIZED HMA SURFACE COURSE, MIX "F", 1 3/4"



- ① THPL PAVT MK, 4" DOUBLE YELLOW LINE (8" C-C)
- ② THPL PAVT MK, 4" YELLOW CENTER LINE (6'-18" SKIP DASH) (TYP.)
- ③ THPL PAVT MK, 4" YELLOW LINE
- ④ THPL PAVT MK, 4" WHITE EDGE LINE
- ⑤ THPL PAVT MK, 4" WHITE LANE LINE (6'-18" SKIP DASH)
- ⑥ THPL PAVT MK, 4" WHITE LANE LINE (2'-6" SKIP DASH) (TYP.)
- ⑦ THPL PAVT MK, 6" WHITE LANE LINE (TYP.)
- ⑧ THPL PAVT MK, 6" DOUBLE WHITE LINE CROSSWALK (6' C-C)
- ⑨ THPL PAVT MK, 8" WHITE LINE
- ⑩ THPL PAVT MK, 12" DIAGONAL WHITE LINE @ 45° (TYP.)
- ⑪ THPL PAVT MK, 12" DIAGONAL YELLOW LINE @ 45° (TYP.)
- ⑫ THPL PAVT MK, 24" WHITE CROSSWALK LINE (2' APART) (TYP.)
- ⑬ THPL PAVT MK, 24" WHITE STOP BAR (TYP.)
- ⑭ THPL PAVT MK, LETTERS & SYMBOLS



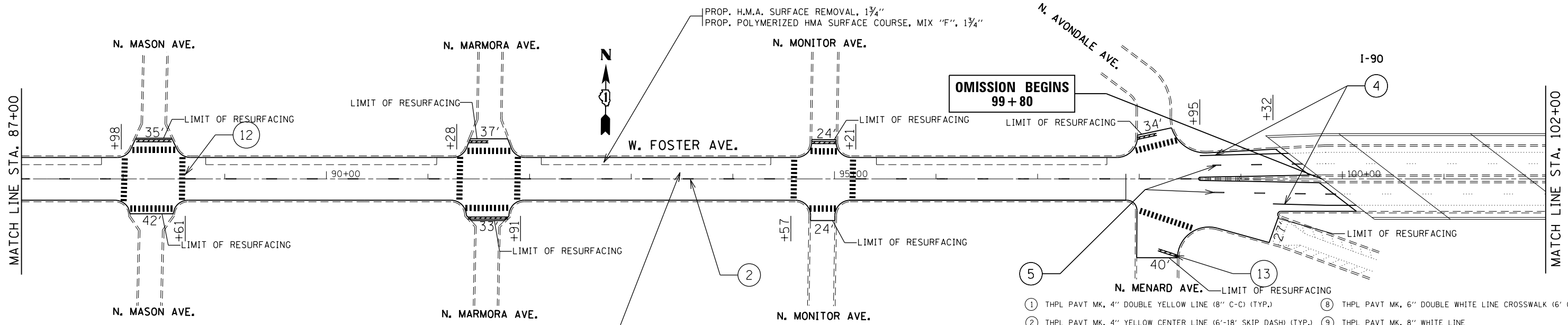
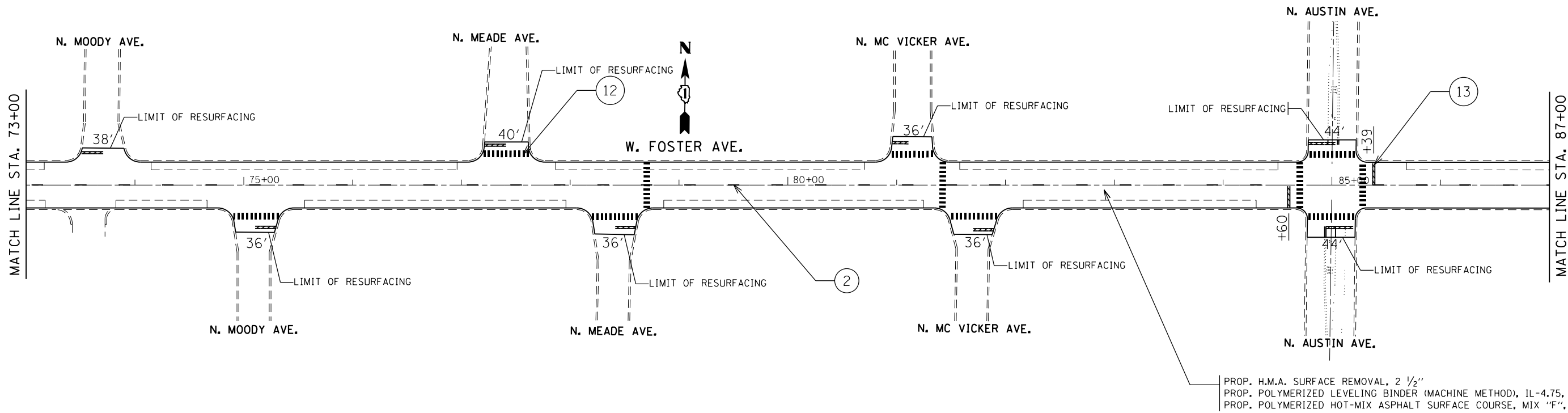
PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

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	PLOT DATE = 4/9/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FOSTER AVE HARLEM AVE TO ASHLAND AVE			
SCALE:	SHEET 3	OF 14 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009R5	COOK	33	11
CONTRACT NO. 60T51				
ILLINOIS FED. AID PROJECT				



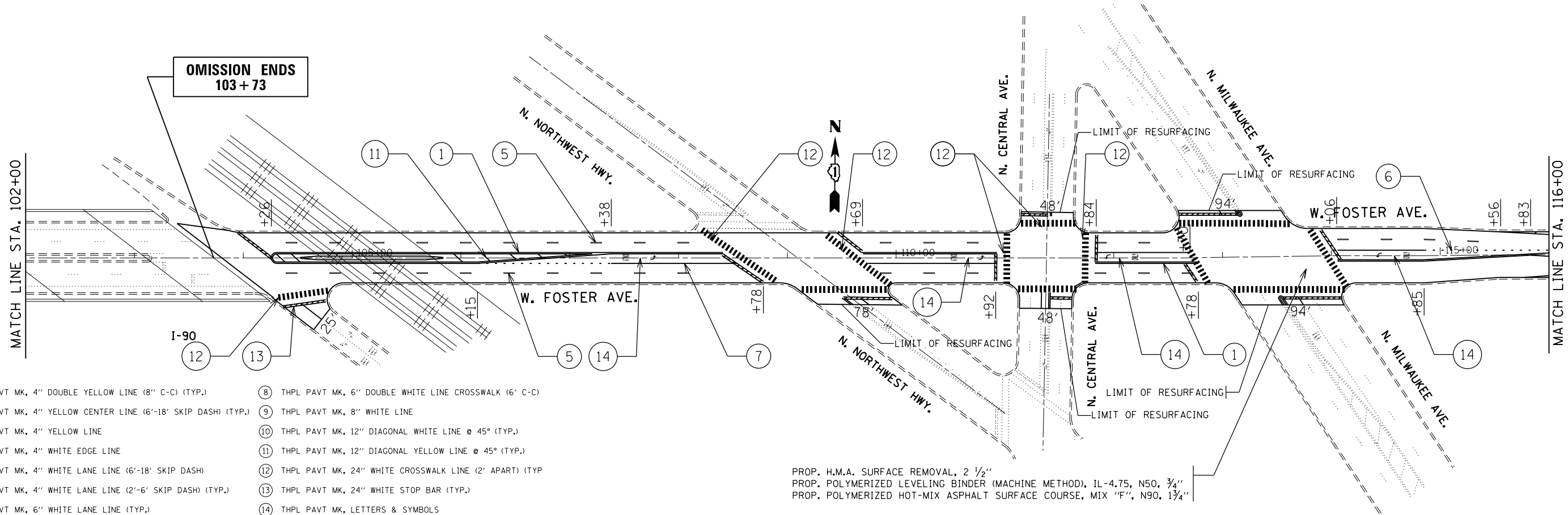
- ① THPL PAVT MK, 4" DOUBLE YELLOW LINE (8" C-C) (TYP.)
- ② THPL PAVT MK, 4" YELLOW CENTER LINE (6'-18" SKIP DASH) (TYP.)
- ③ THPL PAVT MK, 4" YELLOW LINE
- ④ THPL PAVT MK, 4" WHITE EDGE LINE
- ⑤ THPL PAVT MK, 4" WHITE LANE LINE (6'-18" SKIP DASH)
- ⑥ THPL PAVT MK, 4" WHITE LANE LINE (2'-6" SKIP DASH) (TYP.)
- ⑦ THPL PAVT MK, 6" WHITE LANE LINE (TYP.)
- ⑧ THPL PAVT MK, 6" DOUBLE WHITE LINE CROSSWALK (6' C-C)
- ⑨ THPL PAVT MK, 8" WHITE LINE
- ⑩ THPL PAVT MK, 12" DIAGONAL WHITE LINE @ 45° (TYP.)
- ⑪ THPL PAVT MK, 12" DIAGONAL YELLOW LINE @ 45° (TYP.)
- ⑫ THPL PAVT MK, 24" WHITE CROSSWALK LINE @ 2' APART (TYP.)
- ⑬ THPL PAVT MK, 24" WHITE STOP BAR (TYP.)
- ⑭ THPL PAVT MK, LETTERS & SYMBOLS

FILE NAME =	USER NAME = guillaumefp	DESIGNED -	REVISED -
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	PLOT DATE = 4/9/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

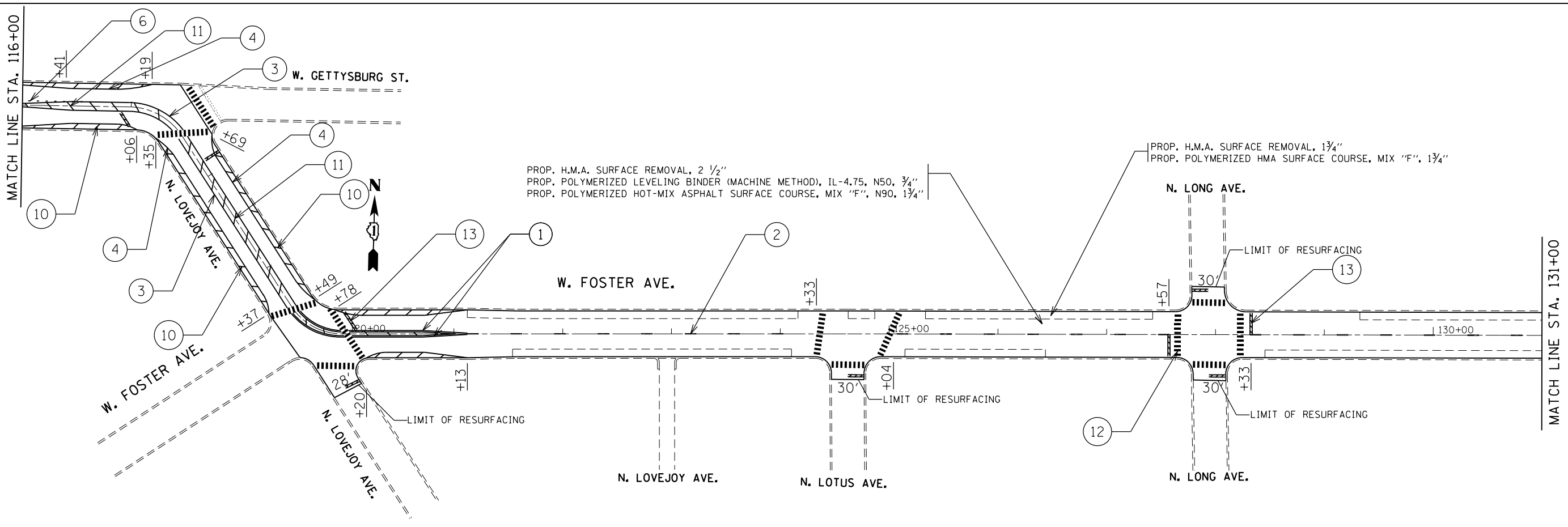
FOSTER AVE HARLEM AVE TO ASHLAND AVE	
SCALE:	SHEET 4 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009R5	COOK	33	12
CONTRACT NO. 60T51				
ILLINOIS FED. AID PROJECT				



- ① THPL PAVT MK, 4" DOUBLE YELLOW LINE (8" C-C) (TYP.)
- ② THPL PAVT MK, 4" YELLOW CENTER LINE (6'-18' SKIP DASH) (TYP.)
- ③ THPL PAVT MK, 4" YELLOW LINE
- ④ THPL PAVT MK, 4" WHITE EDGE LINE
- ⑤ THPL PAVT MK, 4" WHITE LANE LINE (6'-18' SKIP DASH)
- ⑥ THPL PAVT MK, 4" WHITE LANE LINE (2'-6" SKIP DASH) (TYP.)
- ⑦ THPL PAVT MK, 6" WHITE LANE LINE (TYP.)
- ⑧ THPL PAVT MK, 6" DOUBLE WHITE LINE CROSSWALK (6' C-C)
- ⑨ THPL PAVT MK, 8" WHITE LINE
- ⑩ THPL PAVT MK, 12" DIAGONAL WHITE LINE @ 45° (TYP.)
- ⑪ THPL PAVT MK, 12" DIAGONAL YELLOW LINE @ 45° (TYP.)
- ⑫ THPL PAVT MK, 24" WHITE CROSSWALK LINE (2' APART) (TYP)
- ⑬ THPL PAVT MK, 24" WHITE STOP BAR (TYP.)
- ⑭ THPL PAVT MK, LETTERS & SYMBOLS

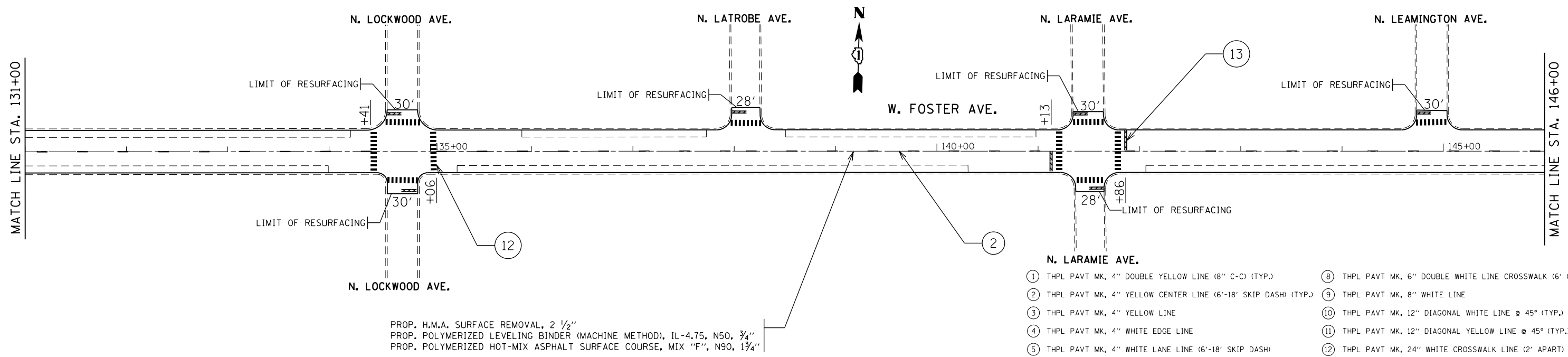
PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"



PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

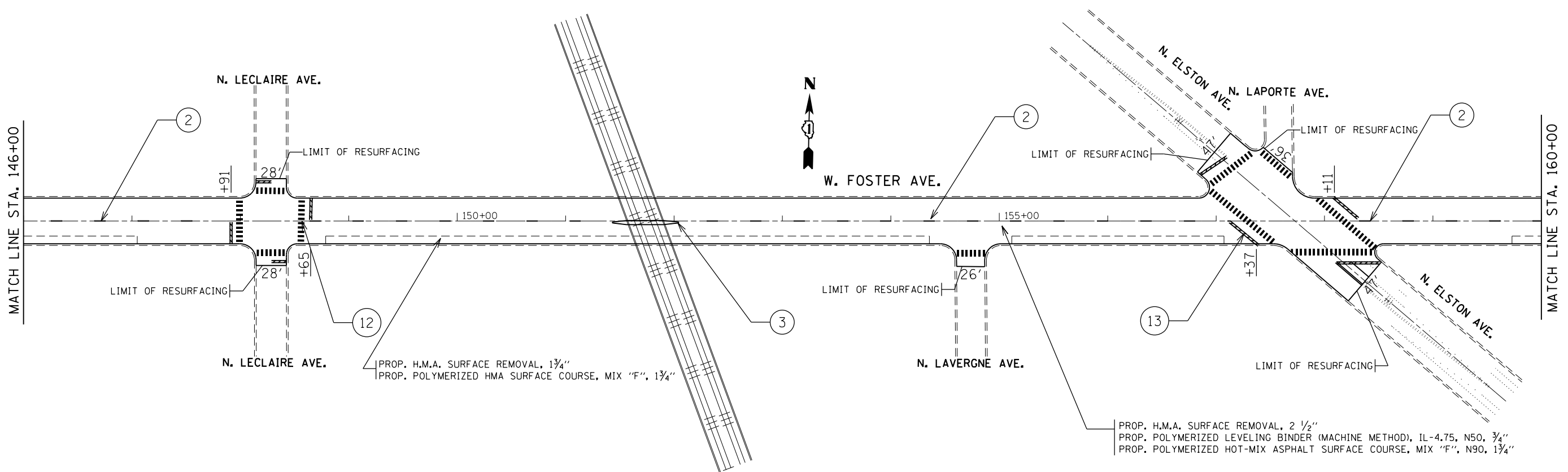
PROP. H.M.A. SURFACE REMOVAL, 1 3/4"
 PROP. POLYMERIZED HMA SURFACE COURSE, MIX "F", 1 3/4"

FILE NAME =	USER NAME = guillaumefp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FOSTER AVE HARLEM AVE TO ASHLAND AVE	F.A.U. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
Default	36812-sht-plan.dgn	DRAWN -	REVISED -			1360	2012-009R5	COOK	33	13	
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 60T51					
	PLOT DATE = 4/9/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

- ① THPL PAVT MK, 4" DOUBLE YELLOW LINE (8" C-C) (TYP.)
- ② THPL PAVT MK, 4" YELLOW CENTER LINE (6'-18" SKIP DASH) (TYP.)
- ③ THPL PAVT MK, 4" YELLOW LINE
- ④ THPL PAVT MK, 4" WHITE EDGE LINE
- ⑤ THPL PAVT MK, 4" WHITE LANE LINE (6'-18" SKIP DASH)
- ⑥ THPL PAVT MK, 4" WHITE LANE LINE (2'-6" SKIP DASH) (TYP.)
- ⑦ THPL PAVT MK, 6" WHITE LANE LINE (TYP.)
- ⑧ THPL PAVT MK, 6" DOUBLE WHITE LINE CROSSWALK (6' C-C)
- ⑨ THPL PAVT MK, 8" WHITE LINE
- ⑩ THPL PAVT MK, 12" DIAGONAL WHITE LINE @ 45° (TYP.)
- ⑪ THPL PAVT MK, 12" DIAGONAL YELLOW LINE @ 45° (TYP.)
- ⑫ THPL PAVT MK, 24" WHITE CROSSWALK LINE (2' APART) (TYP.)
- ⑬ THPL PAVT MK, 24" WHITE STOP BAR (TYP.)
- ⑭ THPL PAVT MK, LETTERS & SYMBOLS



PROP. H.M.A. SURFACE REMOVAL, 1 3/4"
 PROP. POLYMERIZED HMA SURFACE COURSE, MIX "F", 1 3/4"

PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

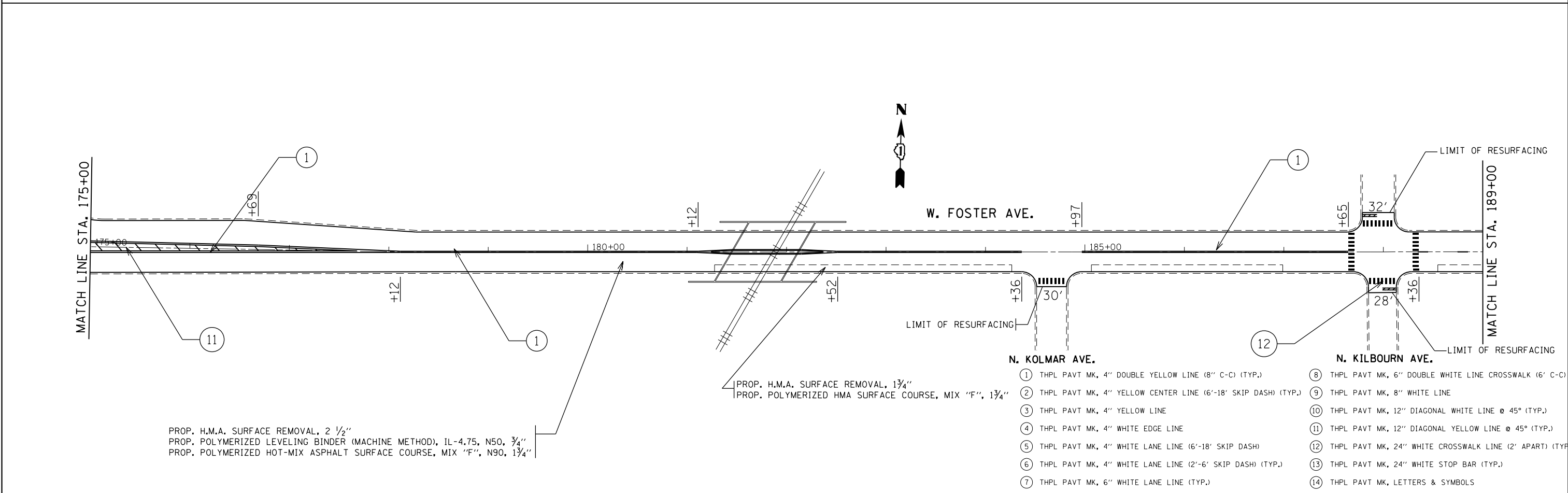
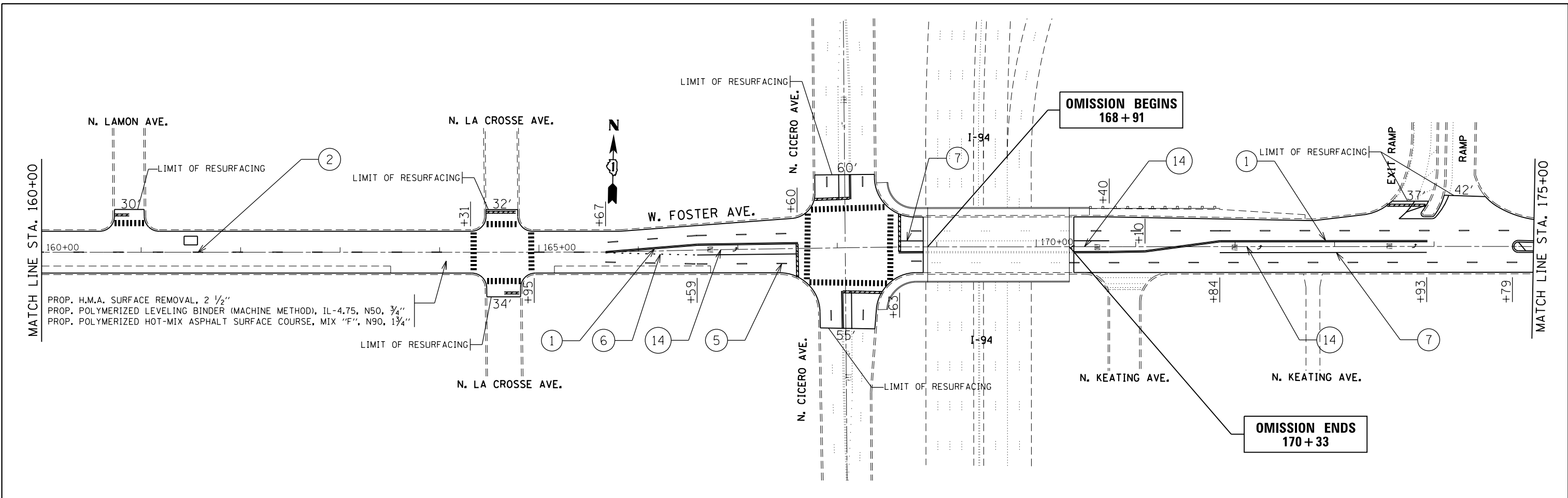
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FOSTER AVE
 HARLEM AVE TO ASHLAND AVE**

SCALE: SHEET 6 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009R5	COOK	33	14
CONTRACT NO. 60T51				
ILLINOIS FED. AID PROJECT				



PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

PROP. H.M.A. SURFACE REMOVAL, 1 3/4"
 PROP. POLYMERIZED HMA SURFACE COURSE, MIX "F", 1 3/4"

- ① THPL PAVT MK, 4" DOUBLE YELLOW LINE (8" C-C) (TYP.)
- ② THPL PAVT MK, 4" YELLOW CENTER LINE (6'-18" SKIP DASH) (TYP.)
- ③ THPL PAVT MK, 4" YELLOW LINE
- ④ THPL PAVT MK, 4" WHITE EDGE LINE
- ⑤ THPL PAVT MK, 4" WHITE LANE LINE (6'-18" SKIP DASH)
- ⑥ THPL PAVT MK, 4" WHITE LANE LINE (2'-6" SKIP DASH) (TYP.)
- ⑦ THPL PAVT MK, 6" WHITE LANE LINE (TYP.)
- ⑧ THPL PAVT MK, 6" DOUBLE WHITE LINE CROSSWALK (6' C-C)
- ⑨ THPL PAVT MK, 8" WHITE LINE
- ⑩ THPL PAVT MK, 12" DIAGONAL WHITE LINE @ 45° (TYP.)
- ⑪ THPL PAVT MK, 12" DIAGONAL YELLOW LINE @ 45° (TYP.)
- ⑫ THPL PAVT MK, 24" WHITE CROSSWALK LINE (2' APART) (TYP.)
- ⑬ THPL PAVT MK, 24" WHITE STOP BAR (TYP.)
- ⑭ THPL PAVT MK, LETTERS & SYMBOLS

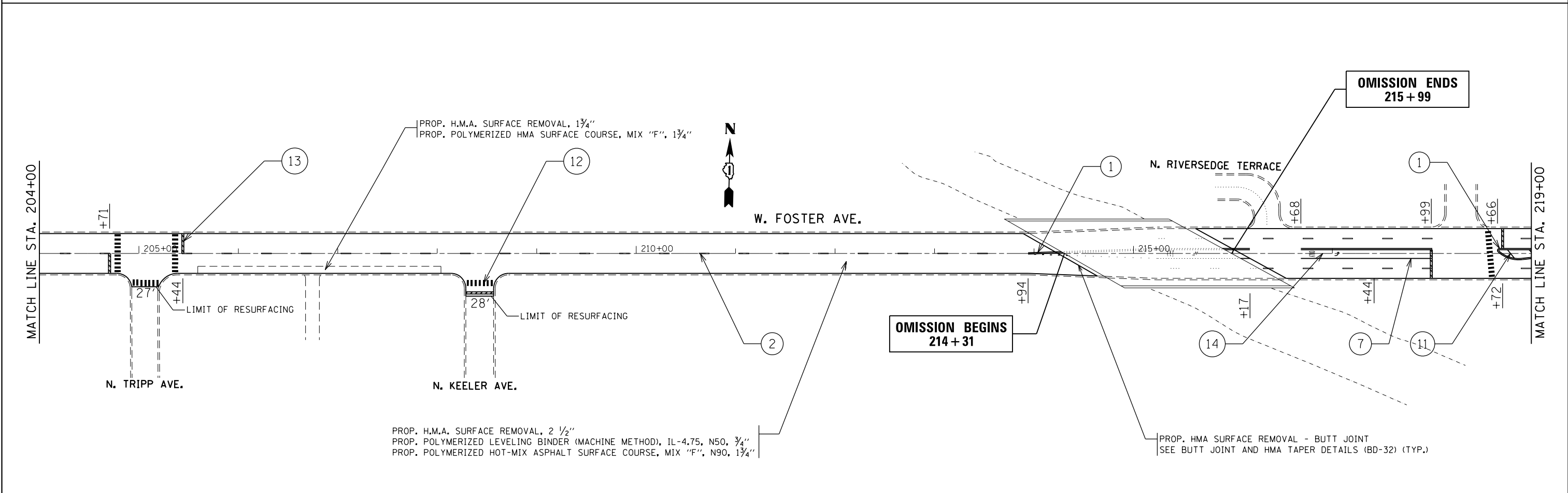
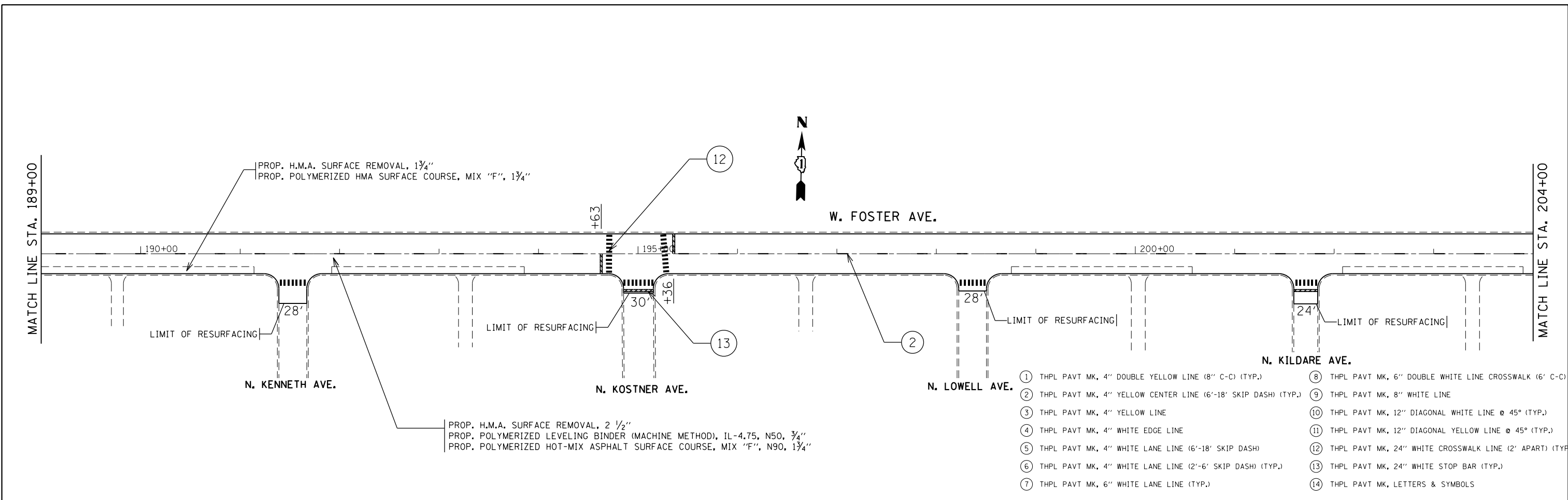
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	PLOT DATE = 4/9/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

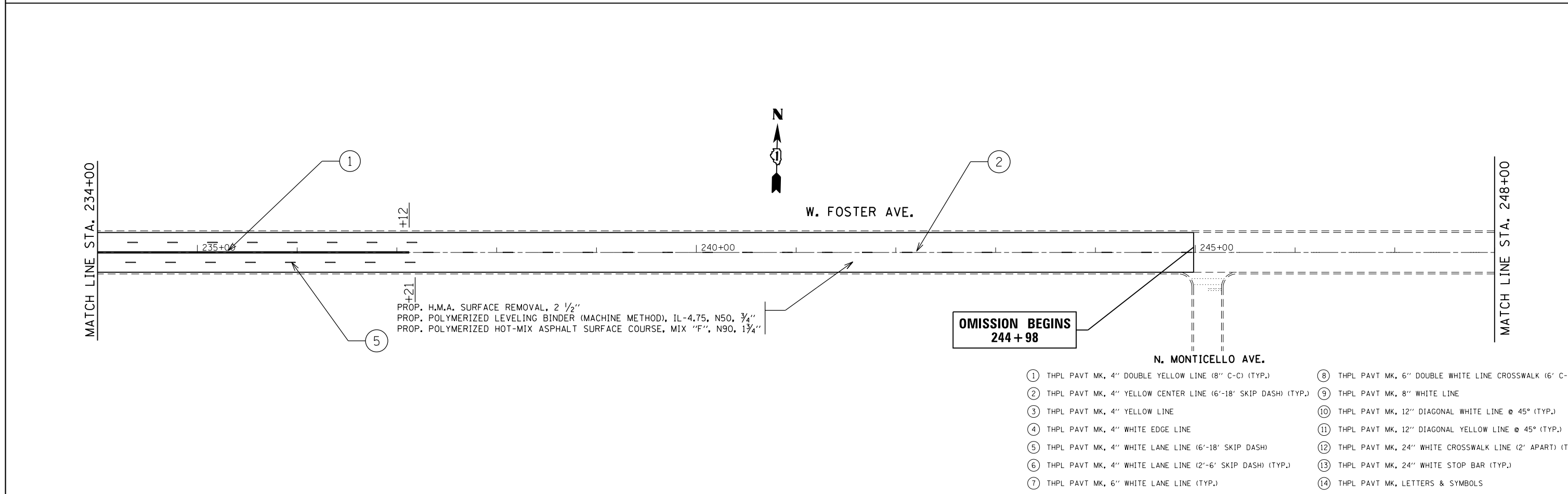
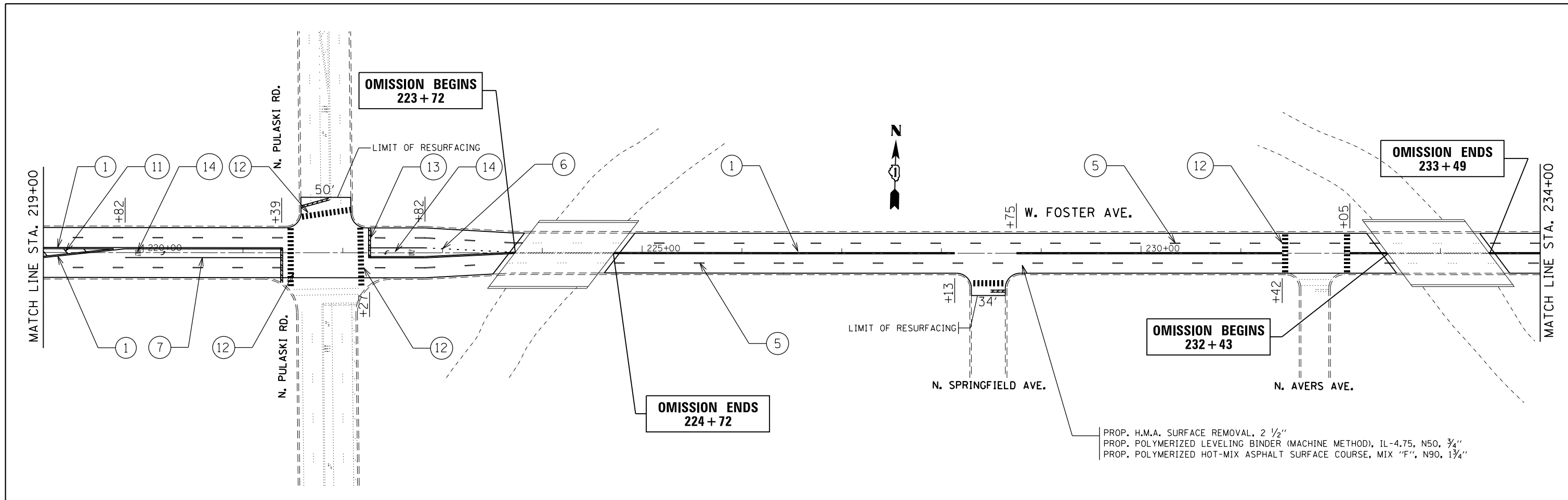
**FOSTER AVE
 HARLEM AVE TO ASHLAND AVE**

SCALE: SHEET 7 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009R5	COOK	33	15
CONTRACT NO. 60T51				
ILLINOIS FED. AID PROJECT				

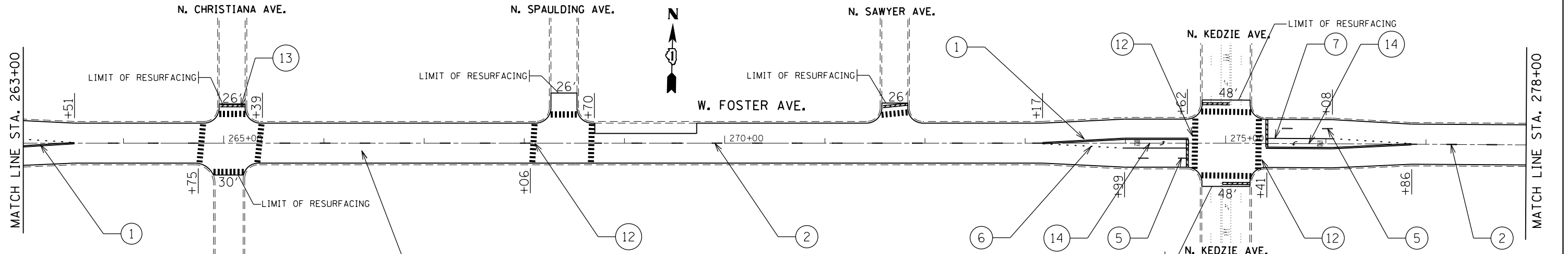
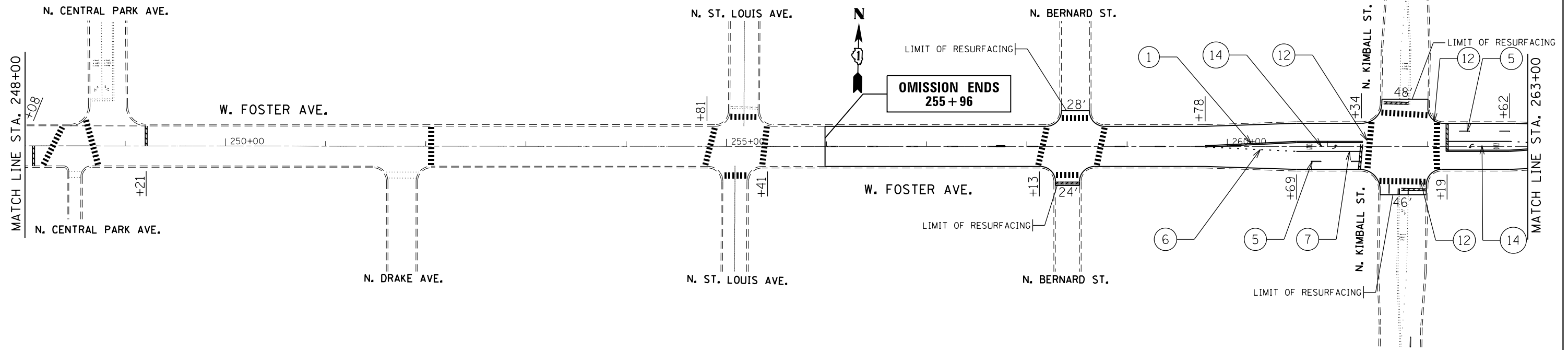


FILE NAME =	USER NAME = guillaumejp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FOSTER AVE HARLEM AVE TO ASHLAND AVE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	36812-sht-pln.dgn	DRAWN -	REVISED -		SCALE:	SHEET 8 OF 14 SHEETS	STA.	TO STA.	1360	2012-009R5	COOK	33 16
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	PLOT DATE = 4/9/2013	DATE -	REVISED -						ILLINOIS FED. AID PROJECT			



- ① THPL PAVT MK, 4" DOUBLE YELLOW LINE (8" C-C) (TYP.)
- ② THPL PAVT MK, 4" YELLOW CENTER LINE (6'-18" SKIP DASH) (TYP.)
- ③ THPL PAVT MK, 4" YELLOW LINE
- ④ THPL PAVT MK, 4" WHITE EDGE LINE
- ⑤ THPL PAVT MK, 4" WHITE LANE LINE (6'-18" SKIP DASH)
- ⑥ THPL PAVT MK, 4" WHITE LANE LINE (2'-6" SKIP DASH) (TYP.)
- ⑦ THPL PAVT MK, 6" WHITE LANE LINE (TYP.)
- ⑧ THPL PAVT MK, 6" DOUBLE WHITE LINE CROSSWALK (6' C-C)
- ⑨ THPL PAVT MK, 8" WHITE LINE
- ⑩ THPL PAVT MK, 12" DIAGONAL WHITE LINE @ 45° (TYP.)
- ⑪ THPL PAVT MK, 12" DIAGONAL YELLOW LINE @ 45° (TYP.)
- ⑫ THPL PAVT MK, 24" WHITE CROSSWALK LINE (2' APART) (TYP.)
- ⑬ THPL PAVT MK, 24" WHITE STOP BAR (TYP.)
- ⑭ THPL PAVT MK, LETTERS & SYMBOLS

FILE NAME =	USER NAME = guillaumefp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FOSTER AVE HARLEM AVE TO ASHLAND AVE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 4/9/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

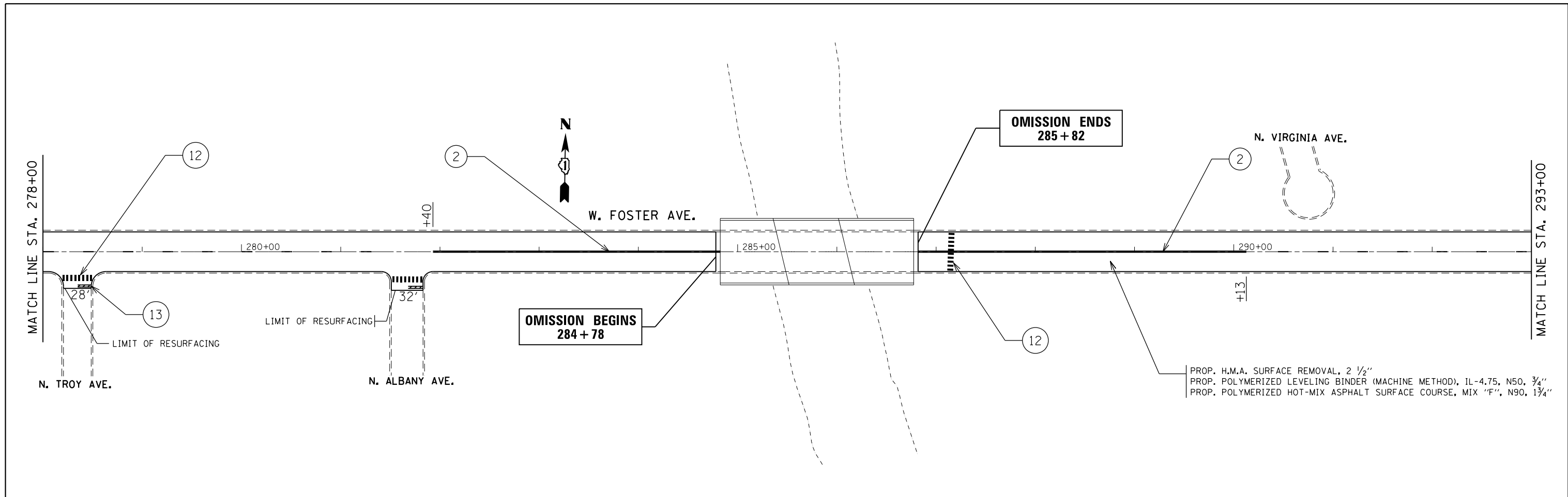
- ① THPL PAVT MK, 4" DOUBLE YELLOW LINE (8" C-C) (TYP.)
- ② THPL PAVT MK, 4" YELLOW CENTER LINE (6'-18" SKIP DASH) (TYP.)
- ③ THPL PAVT MK, 4" YELLOW LINE
- ④ THPL PAVT MK, 4" WHITE EDGE LINE
- ⑤ THPL PAVT MK, 4" WHITE LANE LINE (6'-18" SKIP DASH)
- ⑥ THPL PAVT MK, 4" WHITE LANE LINE (2'-6" SKIP DASH) (TYP.)
- ⑦ THPL PAVT MK, 6" WHITE LANE LINE (TYP.)
- ⑧ THPL PAVT MK, 6" DOUBLE WHITE LINE CROSSWALK (6" C-C)
- ⑨ THPL PAVT MK, 8" WHITE LINE
- ⑩ THPL PAVT MK, 12" DIAGONAL WHITE LINE @ 45° (TYP.)
- ⑪ THPL PAVT MK, 12" DIAGONAL YELLOW LINE @ 45° (TYP.)
- ⑫ THPL PAVT MK, 24" WHITE CROSSWALK LINE (2' APART) (TYP.)
- ⑬ THPL PAVT MK, 24" WHITE STOP BAR (TYP.)
- ⑭ THPL PAVT MK, LETTERS & SYMBOLS

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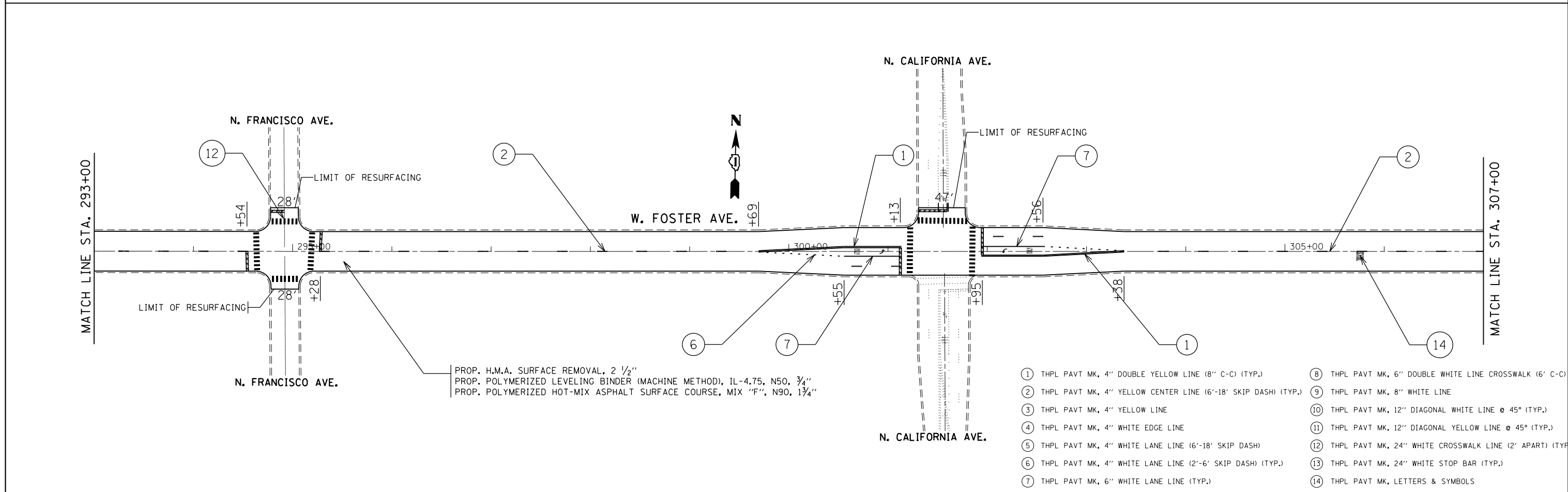
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FOSTER AVE HARLEM AVE TO ASHLAND AVE			
SCALE:	SHEET 10 OF 14 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009R5	COOK	33	18
CONTRACT NO. 60T51				
ILLINOIS FED. AID PROJECT				



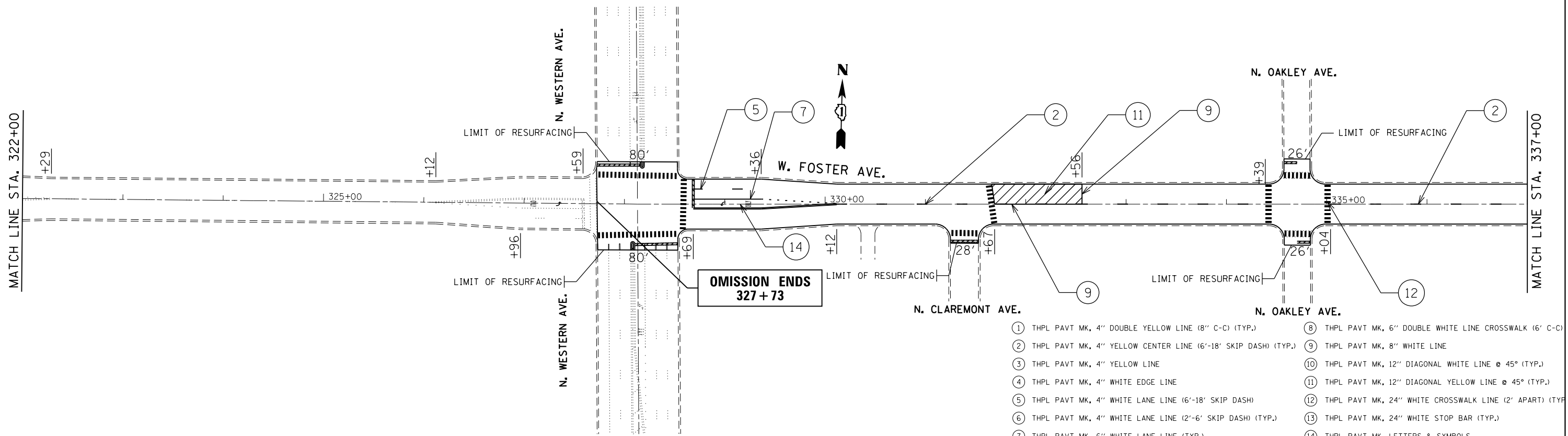
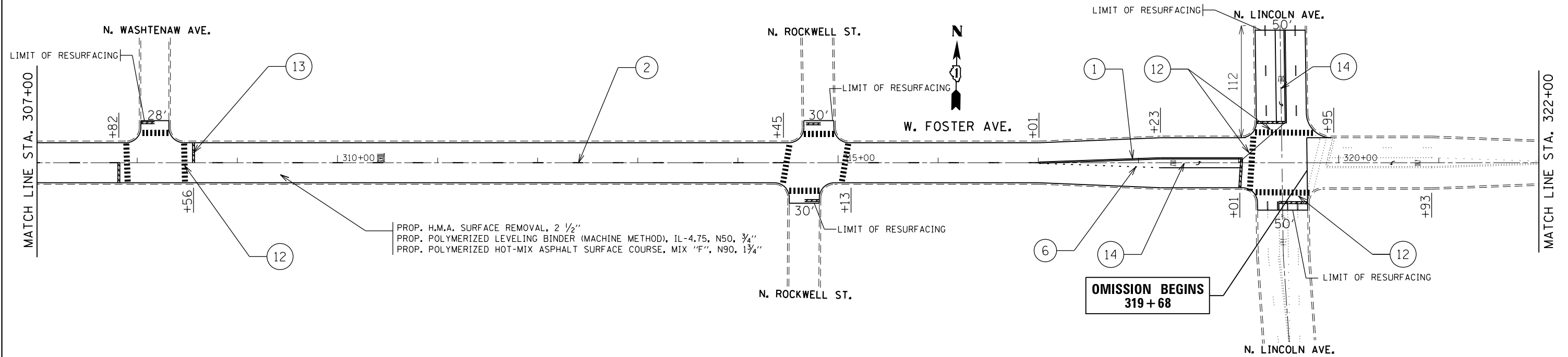
PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"



PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

- ① THPL PAVT MK, 4" DOUBLE YELLOW LINE (8" C-C) (TYP.)
- ② THPL PAVT MK, 4" YELLOW CENTER LINE (6'-18" SKIP DASH) (TYP.)
- ③ THPL PAVT MK, 4" YELLOW LINE
- ④ THPL PAVT MK, 4" WHITE EDGE LINE
- ⑤ THPL PAVT MK, 4" WHITE LANE LINE (6'-18" SKIP DASH)
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- ⑦ THPL PAVT MK, 6" WHITE LANE LINE (TYP.)
- ⑧ THPL PAVT MK, 6" DOUBLE WHITE LINE CROSSWALK (6' C-C)
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- ⑩ THPL PAVT MK, 12" DIAGONAL WHITE LINE @ 45° (TYP.)
- ⑪ THPL PAVT MK, 12" DIAGONAL YELLOW LINE @ 45° (TYP.)
- ⑫ THPL PAVT MK, 24" WHITE CROSSWALK LINE (2' APART) (TYP.)
- ⑬ THPL PAVT MK, 24" WHITE STOP BAR (TYP.)
- ⑭ THPL PAVT MK, LETTERS & SYMBOLS

FILE NAME =	USER NAME = guillaumejp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FOSTER AVE HARLEM AVE TO ASHLAND AVE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	36812-sht-pln.dgn	DRAWN -	REVISED -			1360	2012-009R5	COOK	33	19	
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	PLOT DATE = 4/9/2013	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



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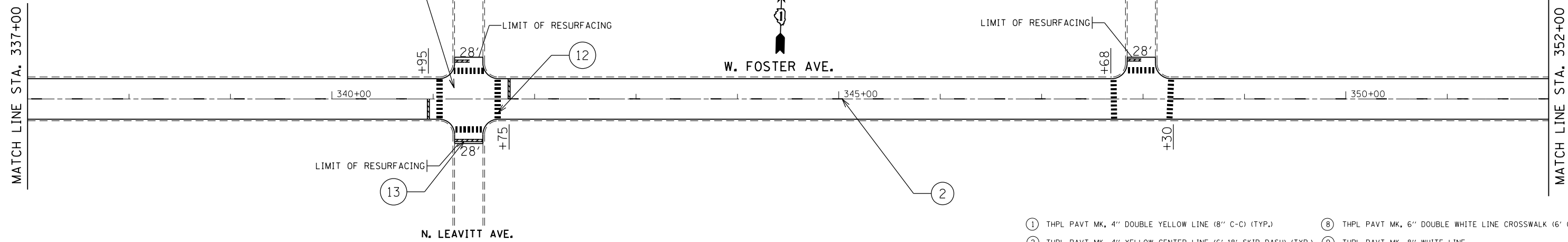
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FOSTER AVE
HARLEM AVE TO ASHLAND AVE**

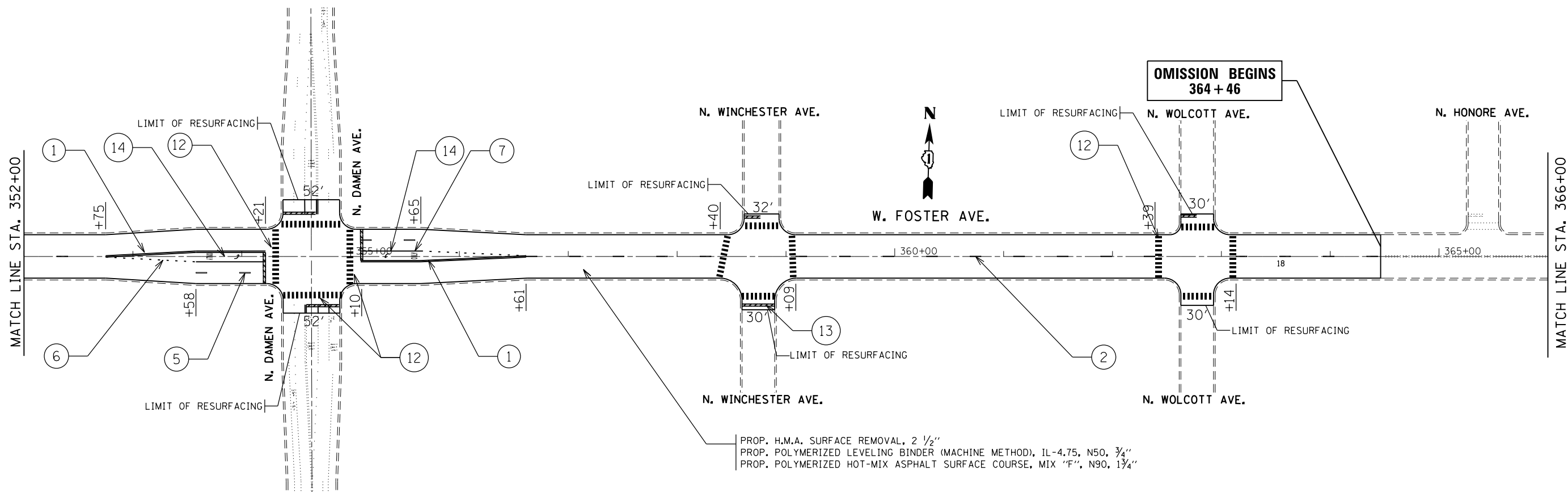
SCALE: SHEET 12 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009R5	COOK	33	20
CONTRACT NO. 60T51				
ILLINOIS FED. AID PROJECT				

PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"



- ① THPL PAVT MK, 4" DOUBLE YELLOW LINE (8" C-C) (TYP.)
- ② THPL PAVT MK, 4" YELLOW CENTER LINE (6'-18" SKIP DASH) (TYP.)
- ③ THPL PAVT MK, 4" YELLOW LINE
- ④ THPL PAVT MK, 4" WHITE EDGE LINE
- ⑤ THPL PAVT MK, 4" WHITE LANE LINE (6'-18" SKIP DASH)
- ⑥ THPL PAVT MK, 4" WHITE LANE LINE (2'-6" SKIP DASH) (TYP.)
- ⑦ THPL PAVT MK, 6" WHITE LANE LINE (TYP.)
- ⑧ THPL PAVT MK, 6" DOUBLE WHITE LINE CROSSWALK (6' C-C)
- ⑨ THPL PAVT MK, 8" WHITE LINE
- ⑩ THPL PAVT MK, 12" DIAGONAL WHITE LINE @ 45° (TYP.)
- ⑪ THPL PAVT MK, 12" DIAGONAL YELLOW LINE @ 45° (TYP.)
- ⑫ THPL PAVT MK, 24" WHITE CROSSWALK LINE (2' APART) (TYP.)
- ⑬ THPL PAVT MK, 24" WHITE STOP BAR (TYP.)
- ⑭ THPL PAVT MK, LETTERS & SYMBOLS



PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

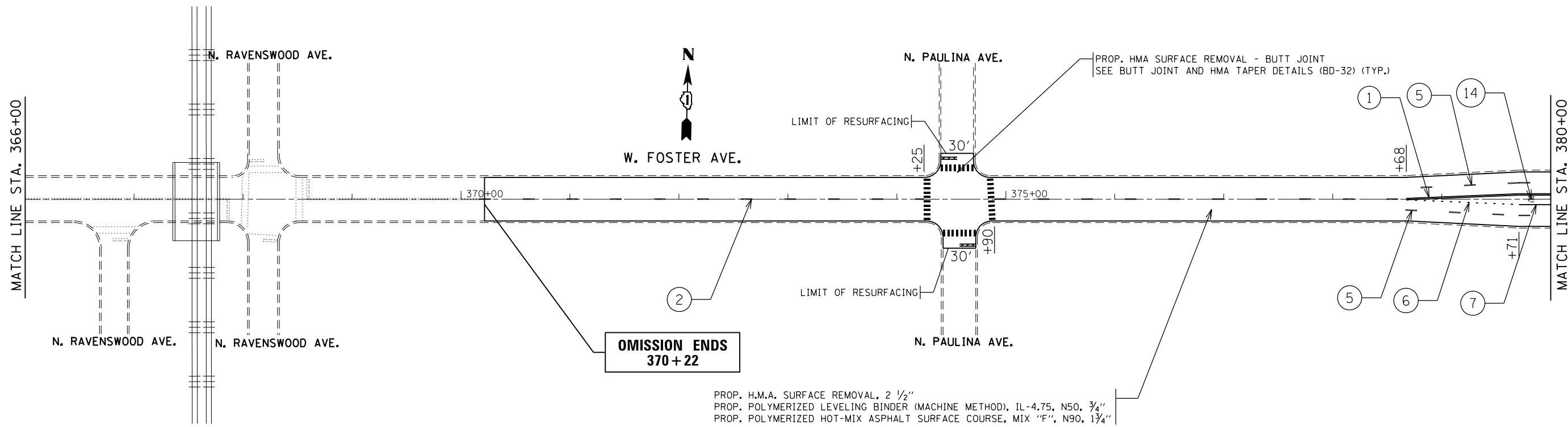
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

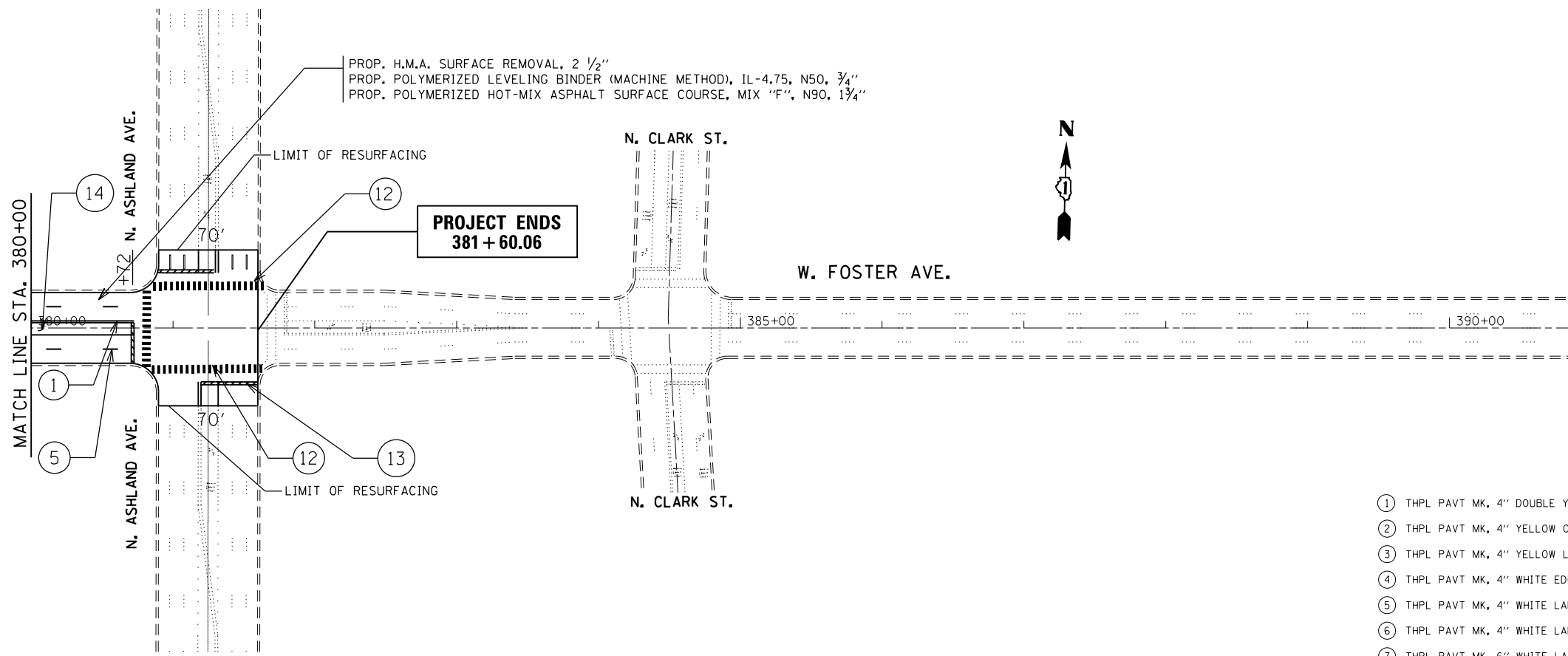
**FOSTER AVE
 HARLEM AVE TO ASHLAND AVE**

SCALE: SHEET 13 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009R5	COOK	33	21
CONTRACT NO. 60T51				
ILLINOIS FED. AID PROJECT				



PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"



PROP. H.M.A. SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"

- ① THPL PAVT MK, 4" DOUBLE YELLOW LINE (8" C-C) (TYP.)
- ② THPL PAVT MK, 4" YELLOW CENTER LINE (6'-18" SKIP DASH) (TYP.)
- ③ THPL PAVT MK, 4" YELLOW LINE
- ④ THPL PAVT MK, 4" WHITE EDGE LINE
- ⑤ THPL PAVT MK, 4" WHITE LANE LINE (6'-18" SKIP DASH)
- ⑥ THPL PAVT MK, 4" WHITE LANE LINE (2'-6" SKIP DASH) (TYP.)
- ⑦ THPL PAVT MK, 6" WHITE LANE LINE (TYP.)
- ⑧ THPL PAVT MK, 6" DOUBLE WHITE LINE CROSSWALK (6' C-C)
- ⑨ THPL PAVT MK, 8" WHITE LINE
- ⑩ THPL PAVT MK, 12" DIAGONAL WHITE LINE @ 45° (TYP.)
- ⑪ THPL PAVT MK, 12" DIAGONAL YELLOW LINE @ 45° (TYP.)
- ⑫ THPL PAVT MK, 24" WHITE CROSSWALK LINE (2' APART) (TYP.)
- ⑬ THPL PAVT MK, 24" WHITE STOP BAR (TYP.)
- ⑭ THPL PAVT MK, LETTERS & SYMBOLS

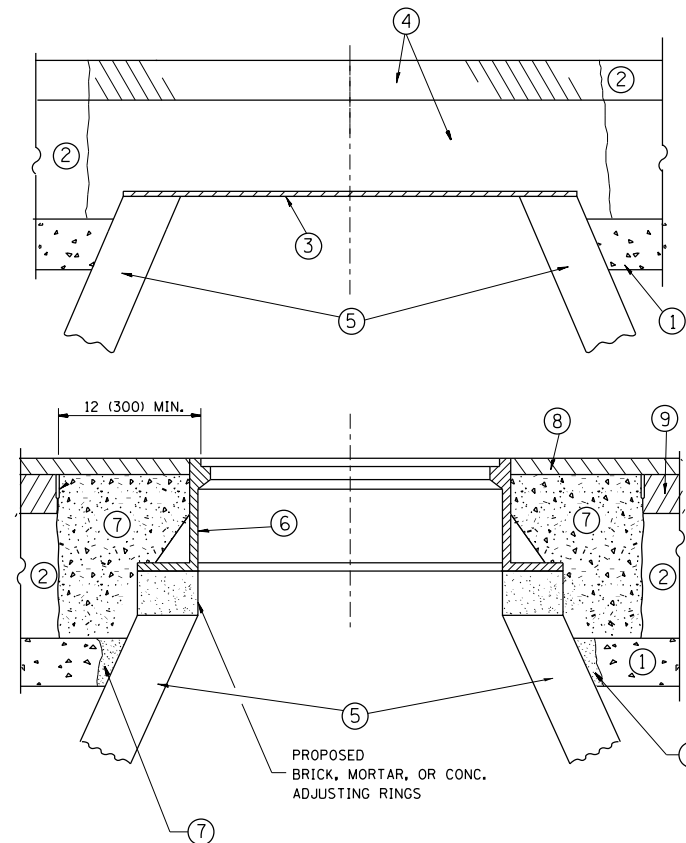
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FOSTER AVE
 HARLEM AVE TO ASHLAND AVE**

SCALE: SHEET 14 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009R5	COOK	33	22
CONTRACT NO. 60T51				
ILLINOIS FED. AID PROJECT				



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

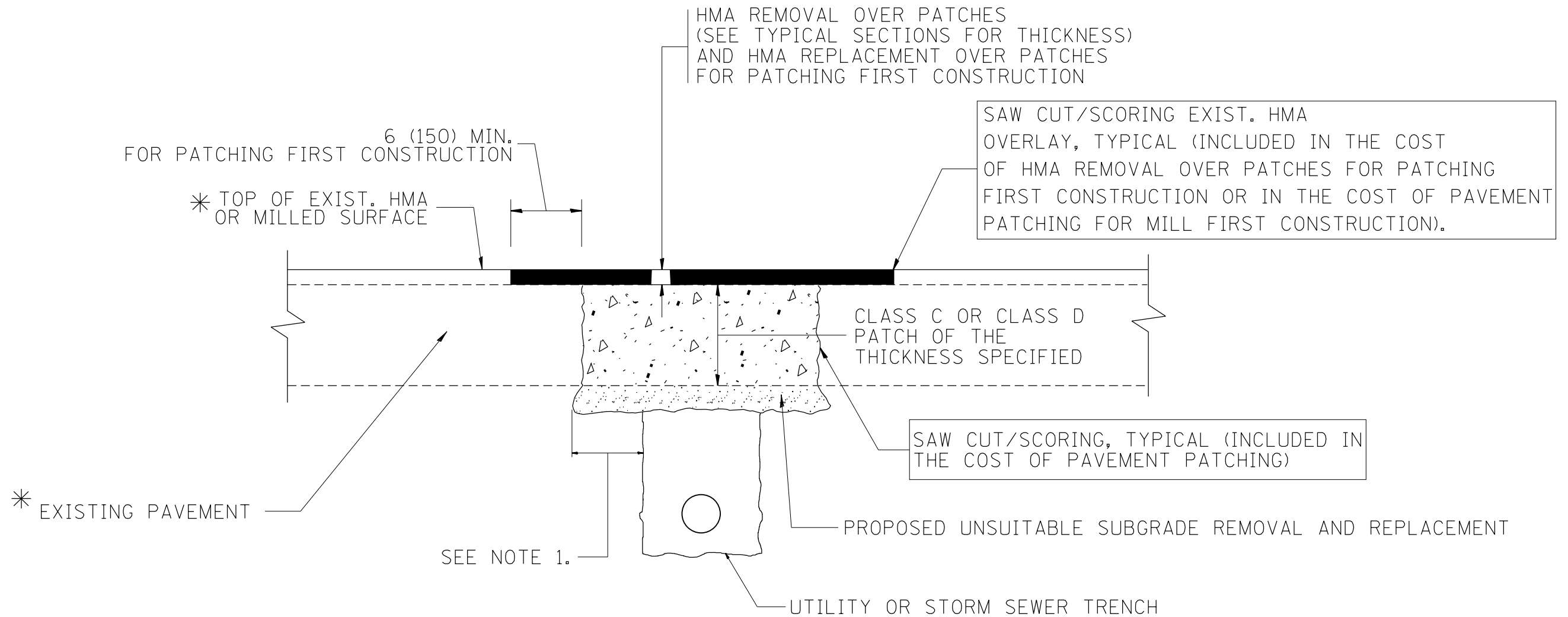
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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	PLOT DATE = 4/9/2013	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009RS	COOK	33	23
BD600-03 (BD-8)			CONTRACT NO.	60T51
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009RS	COOK	33	24
BD400-04 (BD-22)		CONTRACT NO. 60T51		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

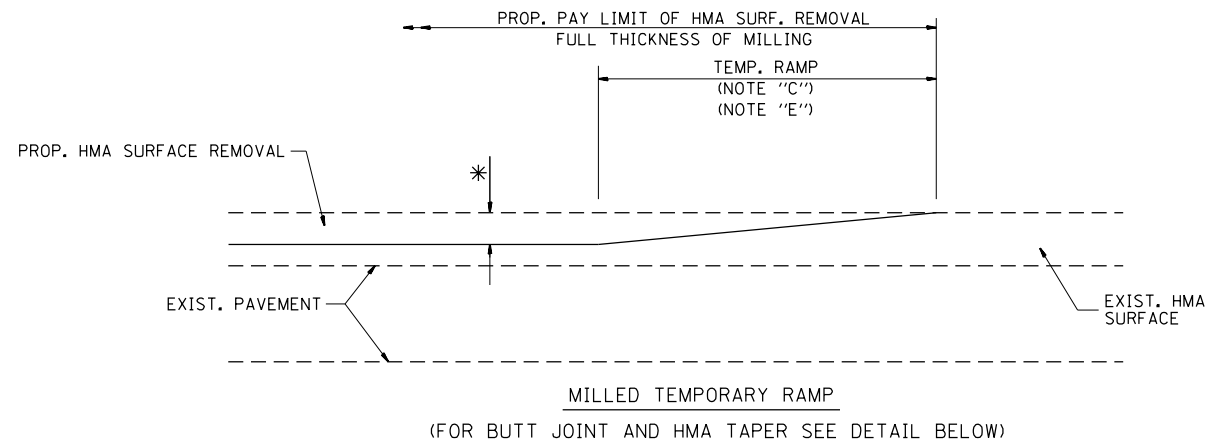
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

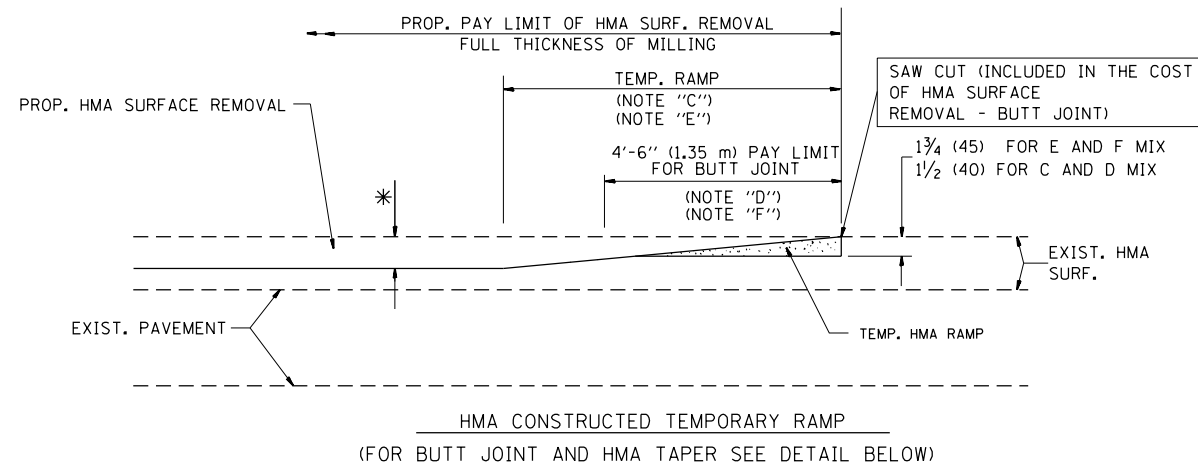
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)		CONTRACT NO. 60T51		
	PLOT DATE = 4/9/2013	DATE - 03-11-94	REVISED - R. BORO 12-15-09			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

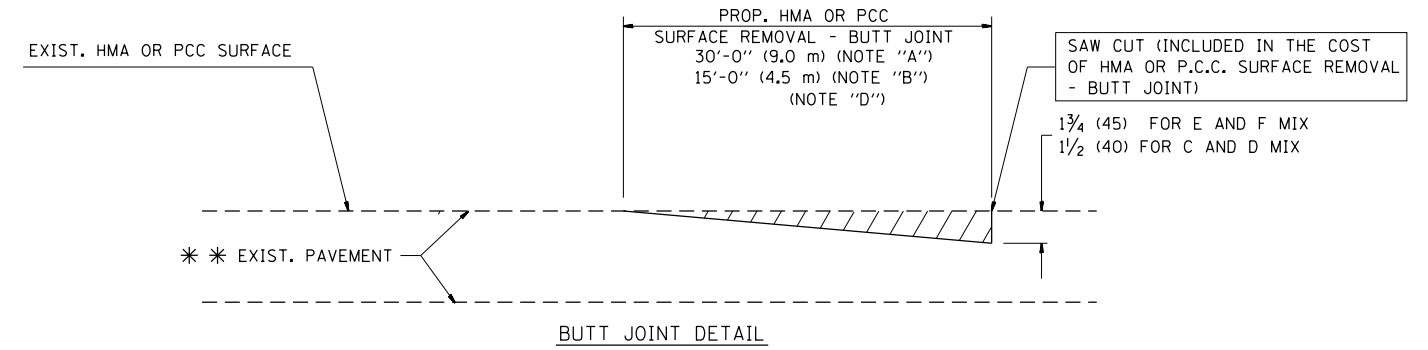


OPTION 1

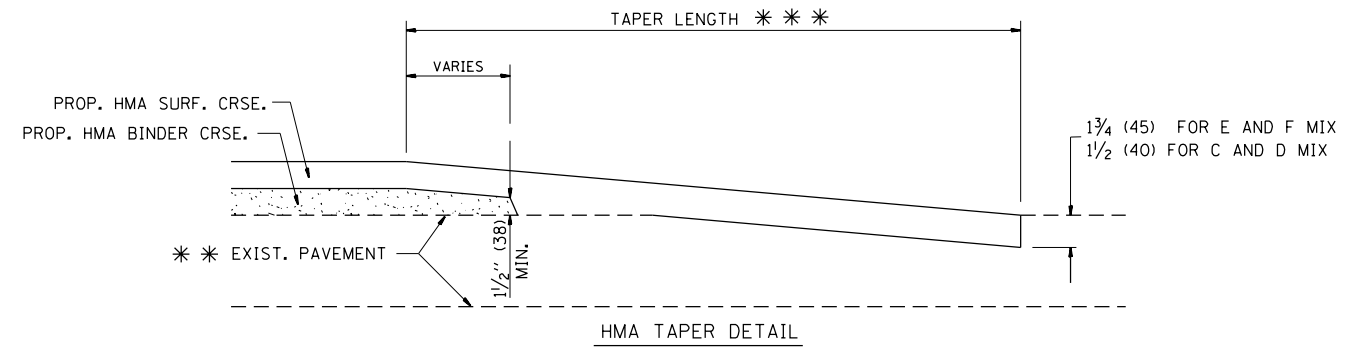


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

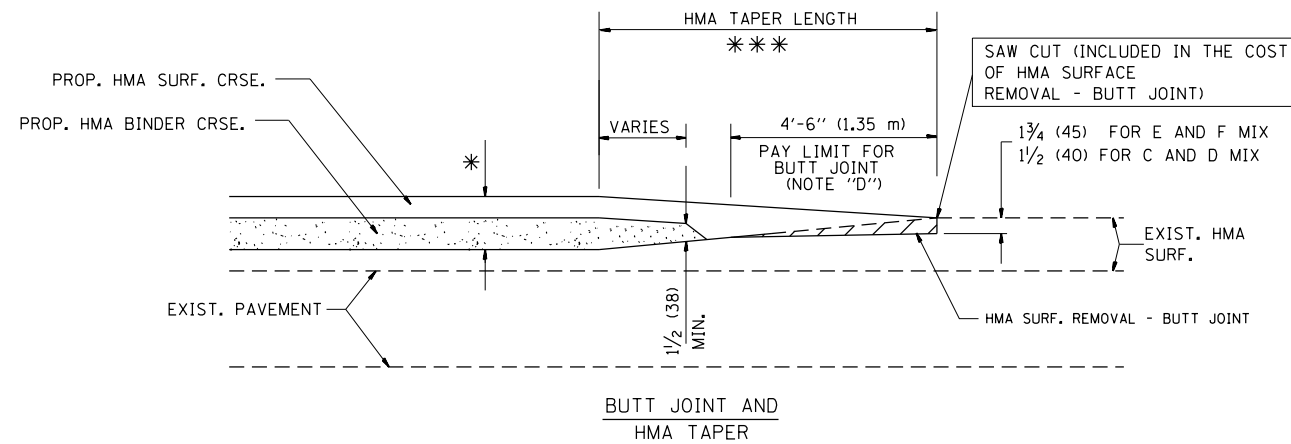
NOTES

- 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")

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".

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

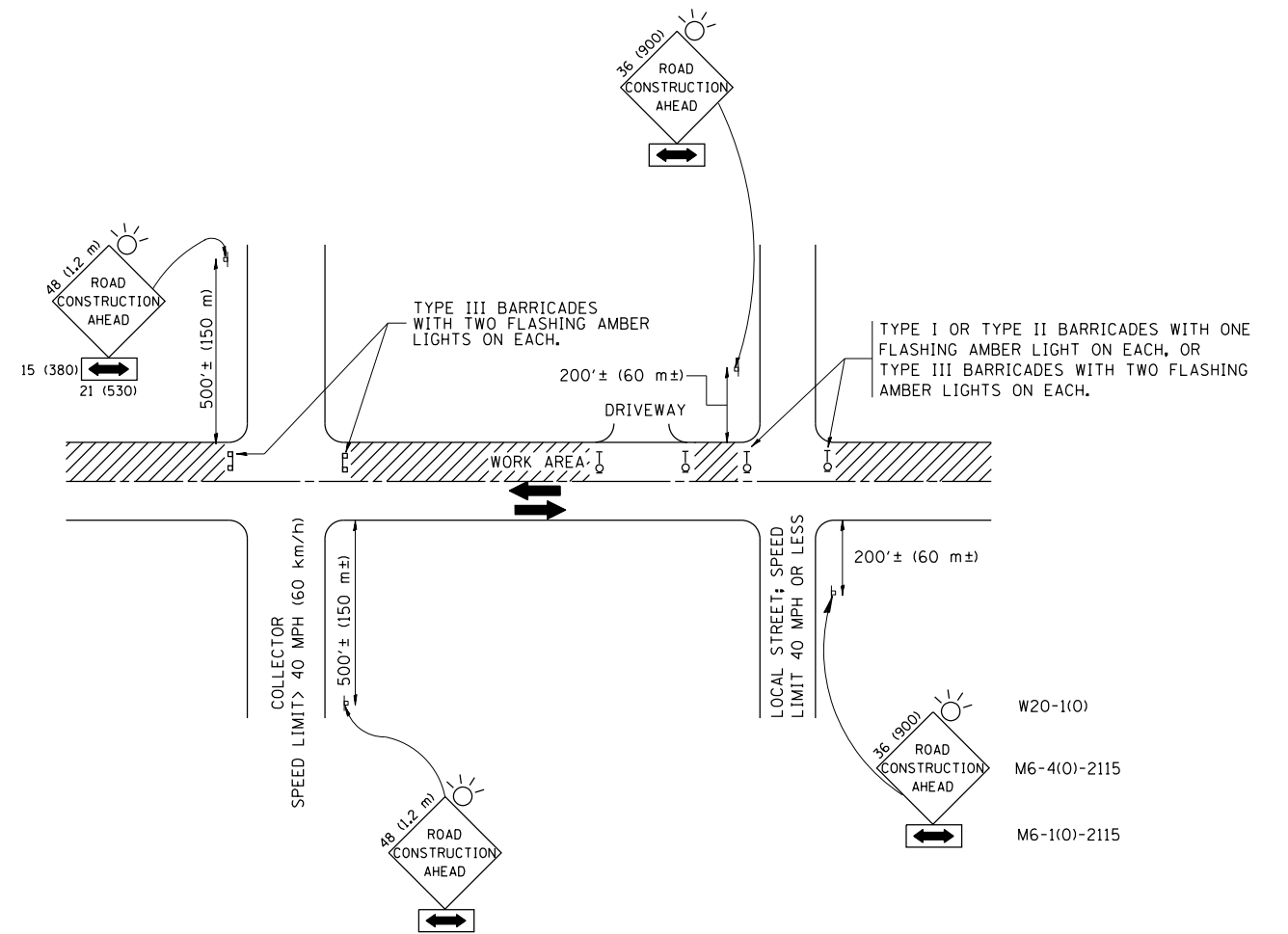
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 4/9/2013	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A.U. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009RS	COOK	33	26
BD400-05 BD32		CONTRACT NO. 60T51		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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.

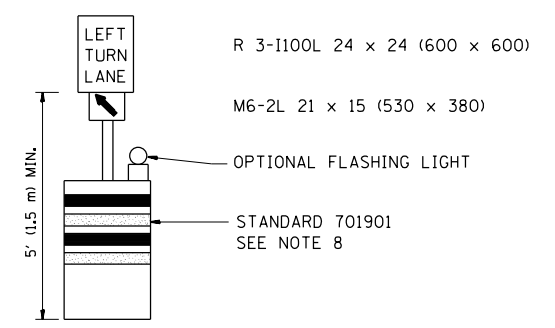
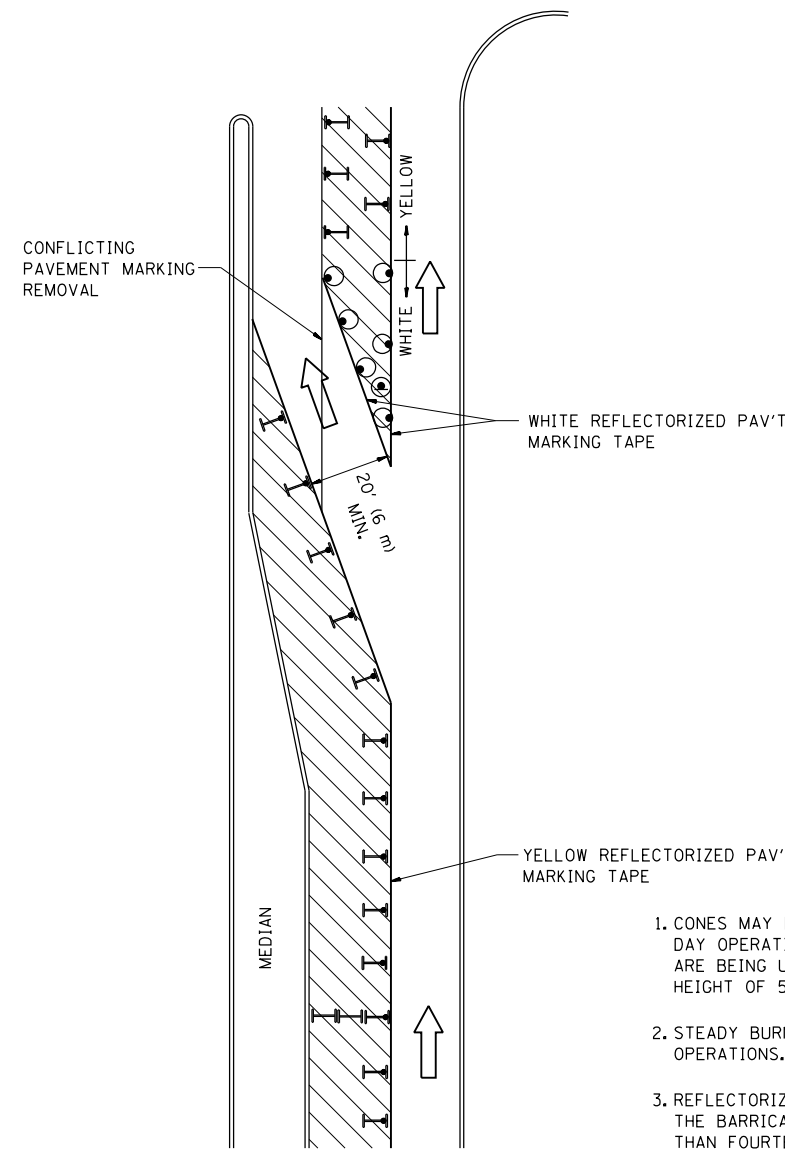
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 4/9/2013	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

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.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009RS	COOK	33	27
TC-10			CONTRACT NO. 60T51	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

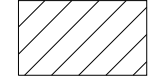







GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

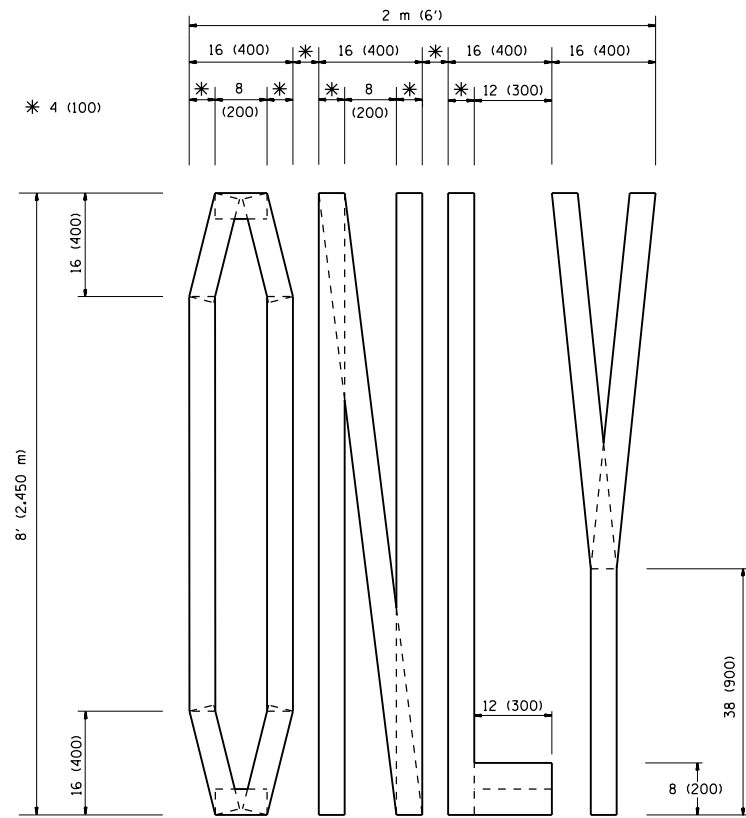
-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

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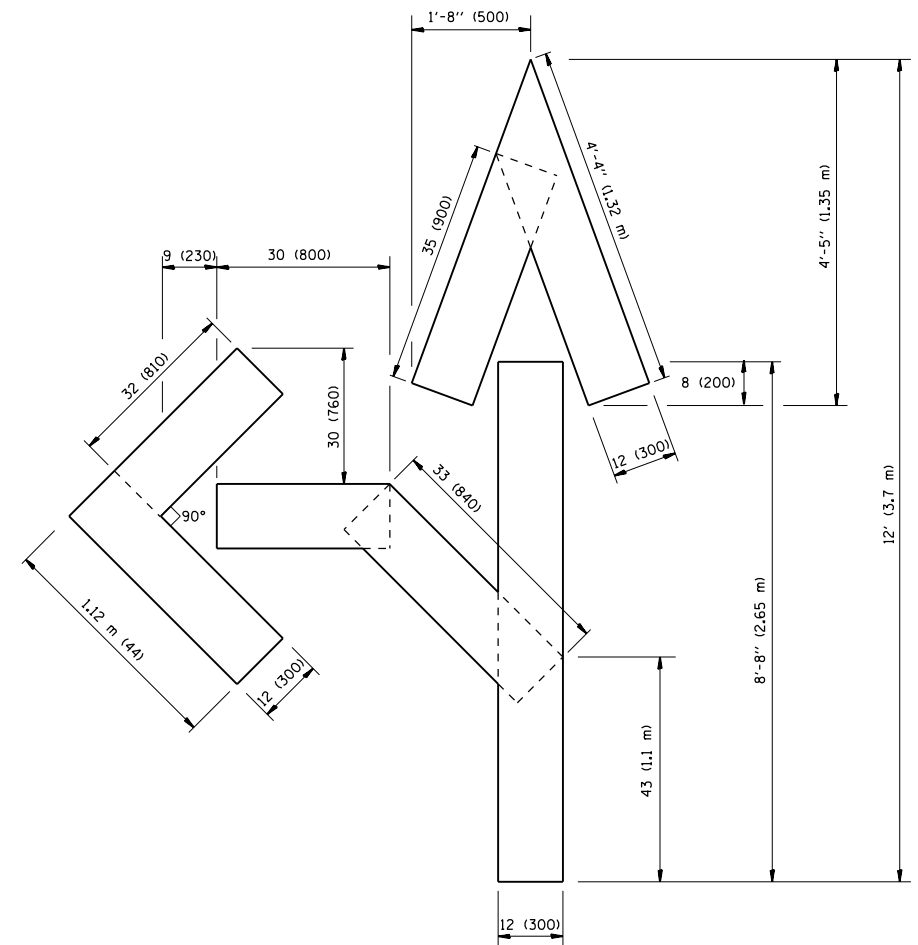
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

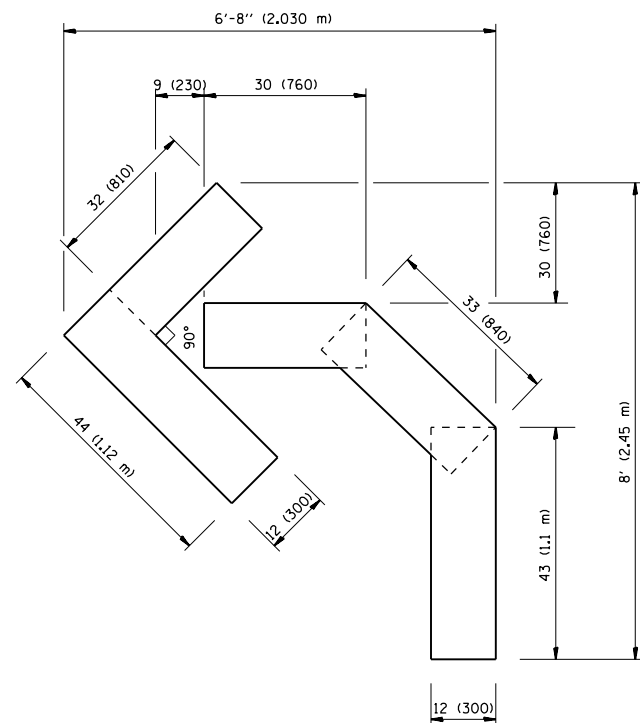
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1360	2012-009RS	COOK	33	28
TC-14		CONTRACT NO. 60T51		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

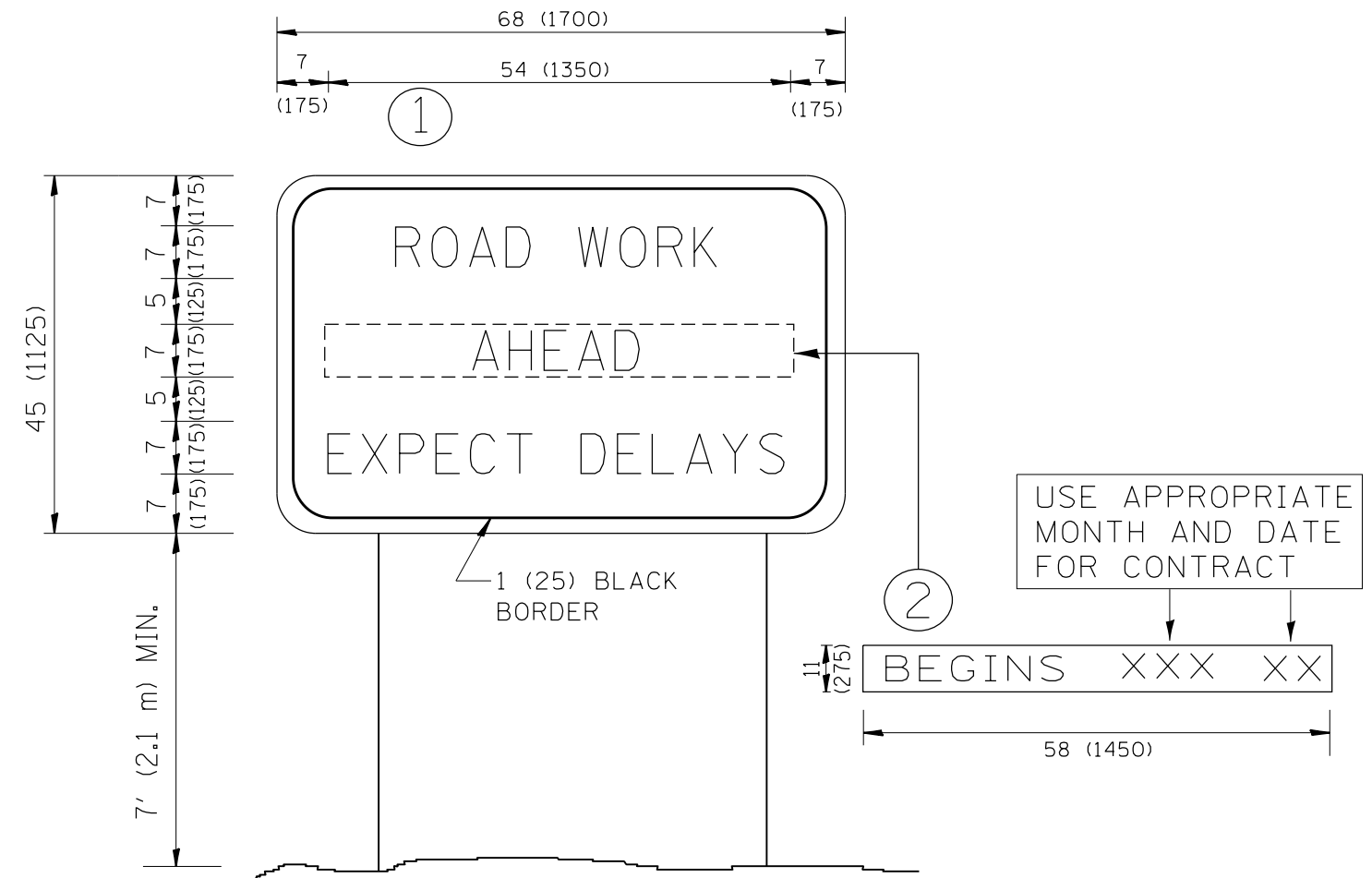
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	PLOT DATE = 4/9/2013	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009RS	COOK	33	29
TC-16			CONTRACT NO. 60T51	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

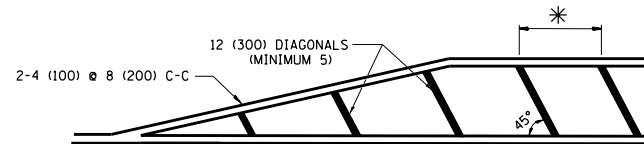
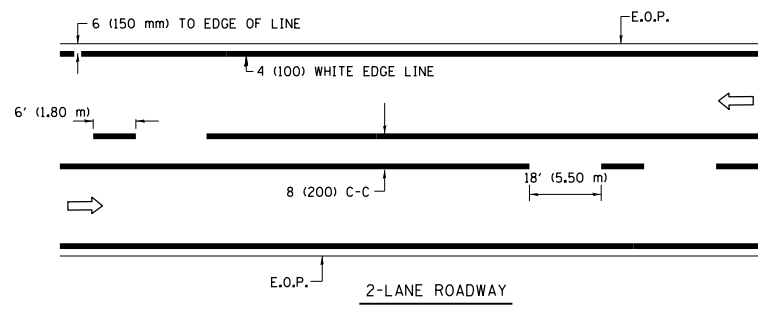
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

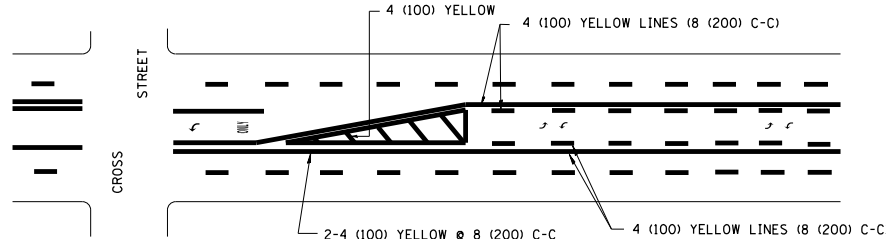
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TC-22			CONTRACT NO. 60T51	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



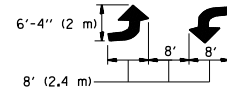
* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

PAINTED MEDIANS

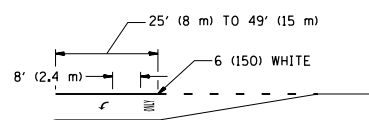
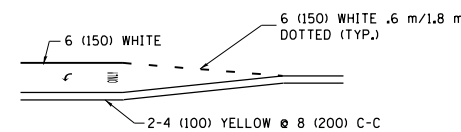


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

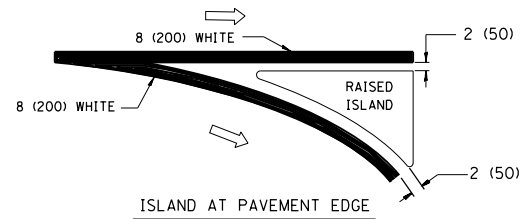
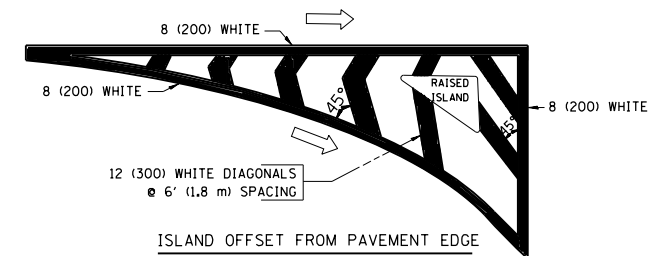
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.8 SQ. FT. (1.47 m²) ONLY AREA = 22.9 SQ. FT. (2.13 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

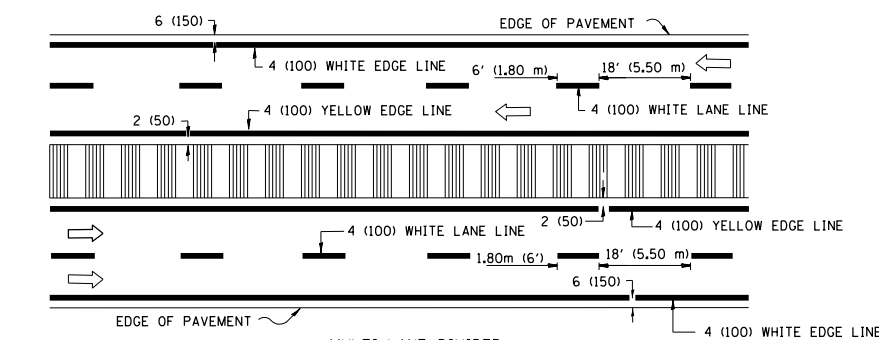
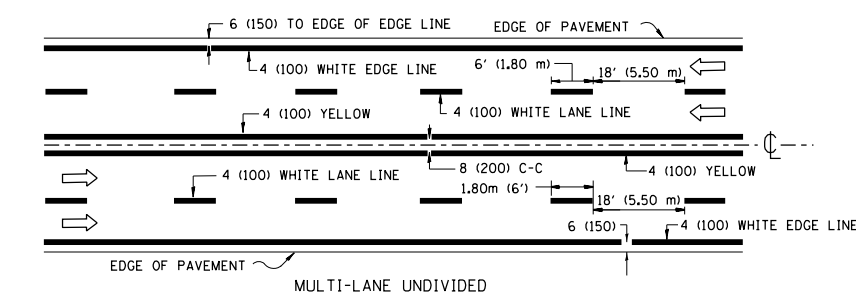


TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 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) 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' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12 (300) @ 45° 24 (600) @ 90°	SOLID SOLID	WHITE WHITE	2' (600) 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°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	8 (200) 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: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)

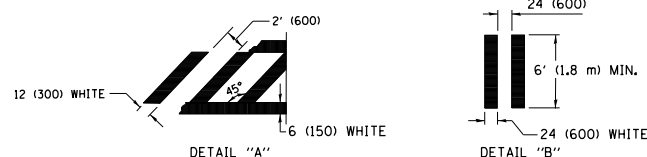
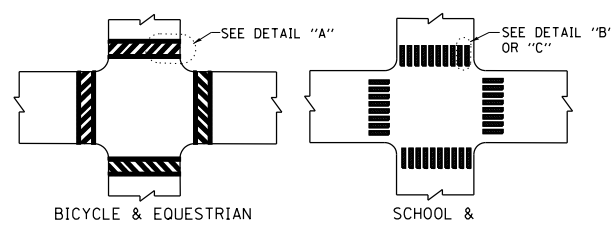
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

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

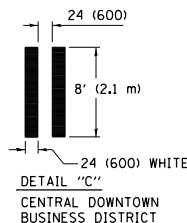


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

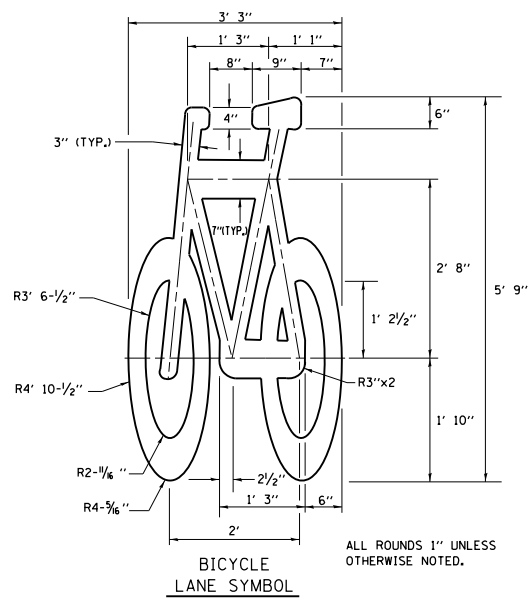
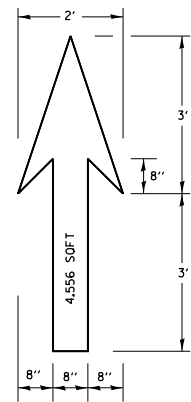


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	PLOT DATE = 4/9/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

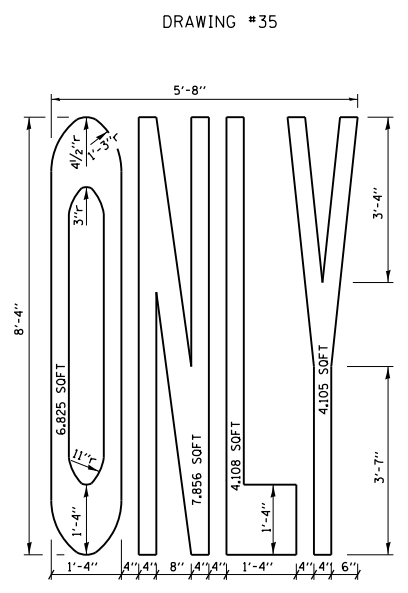
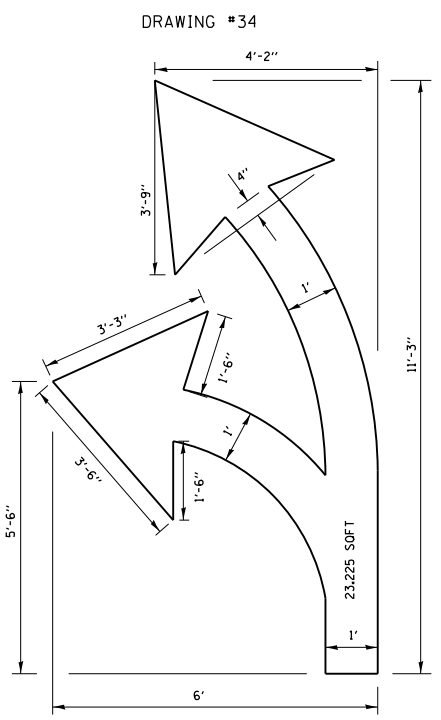
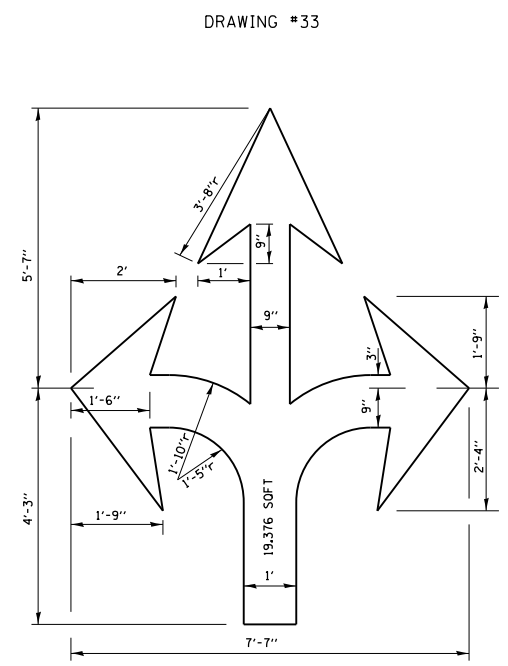
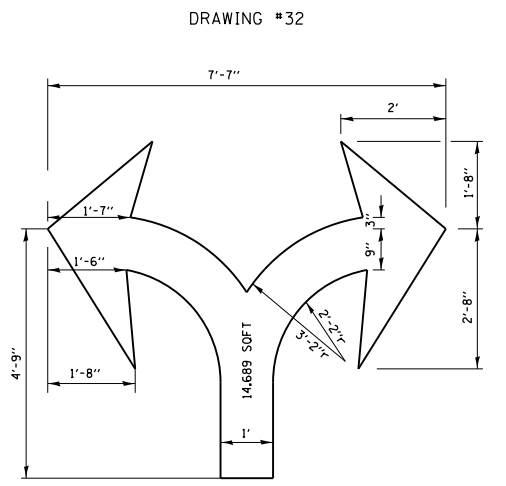
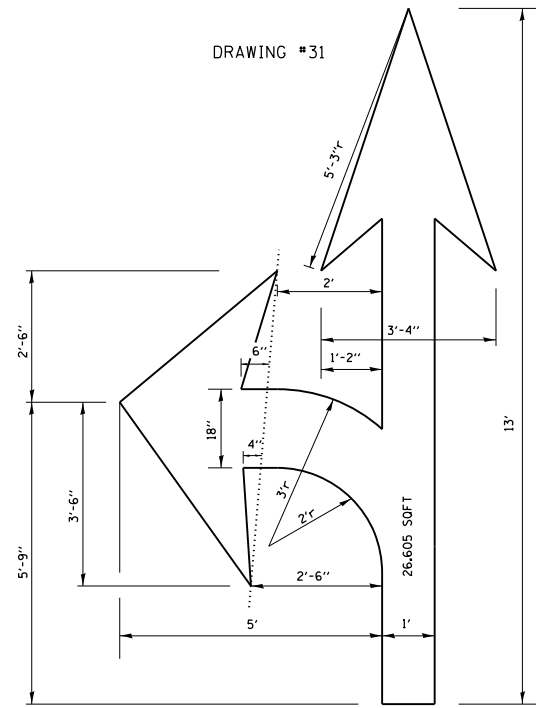
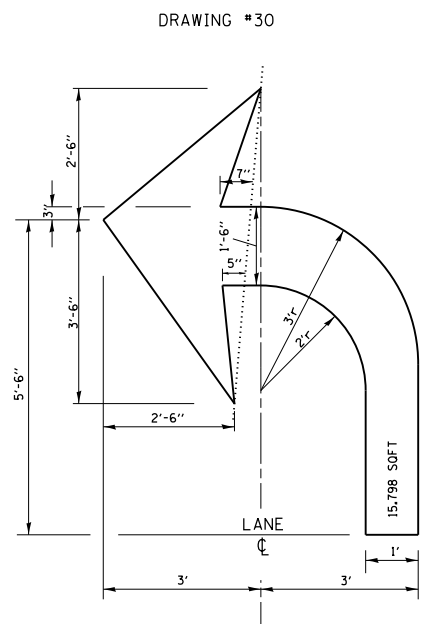
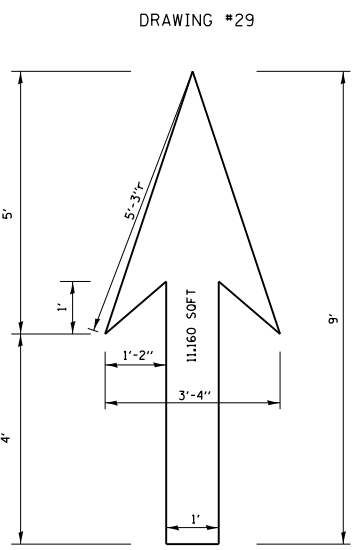
CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS
SCALE: NONE SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009RS	COOK	33	31
TC-24		CONTRACT NO. 60T51		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
 1.) FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.
 2.) THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS
 DRAWING #28



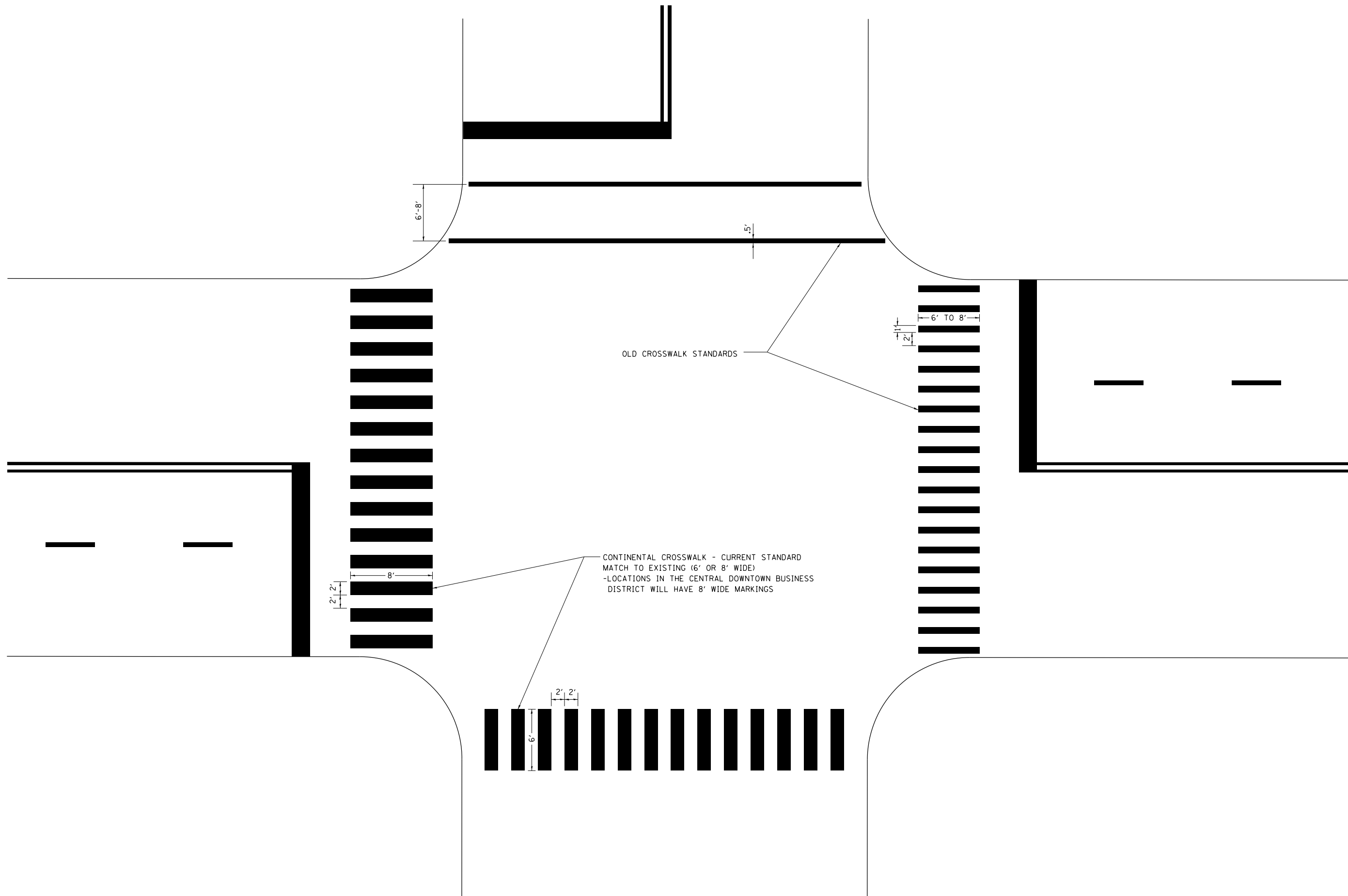
NOTE:
 ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

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	PLOT DATE = 4/9/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009RS	COOK	33	32
TC-24		CONTRACT NO. 60T51		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



OLD CROSSWALK STANDARDS

CONTINENTAL CROSSWALK - CURRENT STANDARD
 MATCH TO EXISTING (6' OR 8' WIDE)
 -LOCATIONS IN THE CENTRAL DOWNTOWN BUSINESS
 DISTRICT WILL HAVE 8' WIDE MARKINGS

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CITY OF CHICAGO			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1360	2012-009RS	COOK	33	33
TC-24			CONTRACT NO. 60T51	
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				