

**INDEX OF SHEETS**

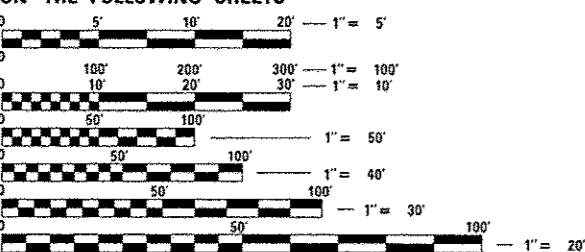
06-13-14 LETTING ITEM 145

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**HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424006-01	DIAGONAL CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD, STRIPS/SHLDS, WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-10	STEEL PLATE BEAM GUARDRAIL
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-03	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001	PRISMATIC CURB REFLECTORS

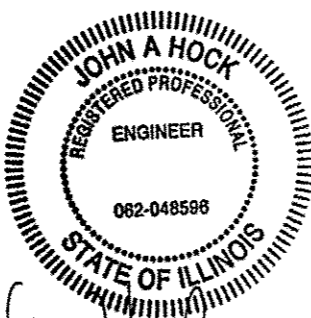
MICROFILMED \_\_\_\_\_  
 REEL NUMBER \_\_\_\_\_  
 AWARDED \_\_\_\_\_  
 RESIDENT ENGINEER \_\_\_\_\_  
 AS BUILT CHANGES WERE MADE  
 ON THE FOLLOWING SHEETS



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

13TH STREET  
 FUNCTIONAL CLASSIFICATION: LOCAL STREET  
 2014 ADT: 2400  
 MU %: NA  
 SU %: NA



*John Hock* 4-11-14  
 JOHN HOCK DATE  
 LICENSE EXPIRES 11/30/2015  
 SHEET RANGE 1 - 29

PROJECT ENGINEER **TIM PADGETT (618) 346-3325**  
 SQUAD LEADER **DONALD HAYDEN (618) 346-3194**  
 CONTRACT NO. 76H23

**STATE OF ILLINOIS**

**DEPARTMENT OF TRANSPORTATION**

**DIVISION OF HIGHWAYS**

**PROPOSED  
 HIGHWAY PLANS**

**VARIOUS ROUTES**

**DIST 8 RESURFACING 2014-5**

**PROJECT NO.**

**RESURFACING AT VARIOUS LOCATIONS**

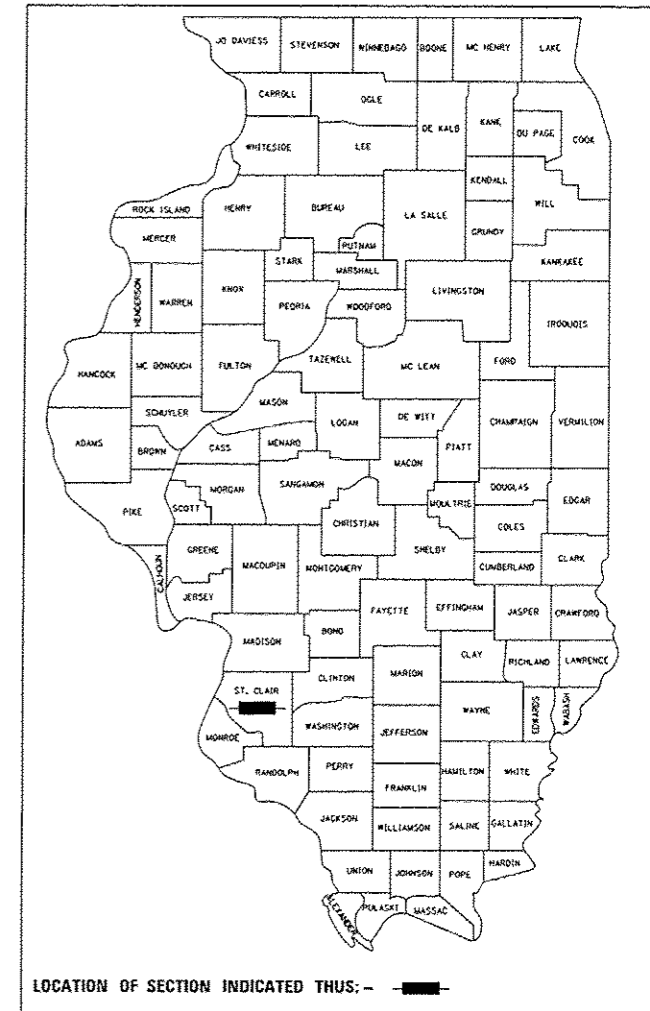
**IN THE METRO EAST**

**ST. CLAIR COUNTY**

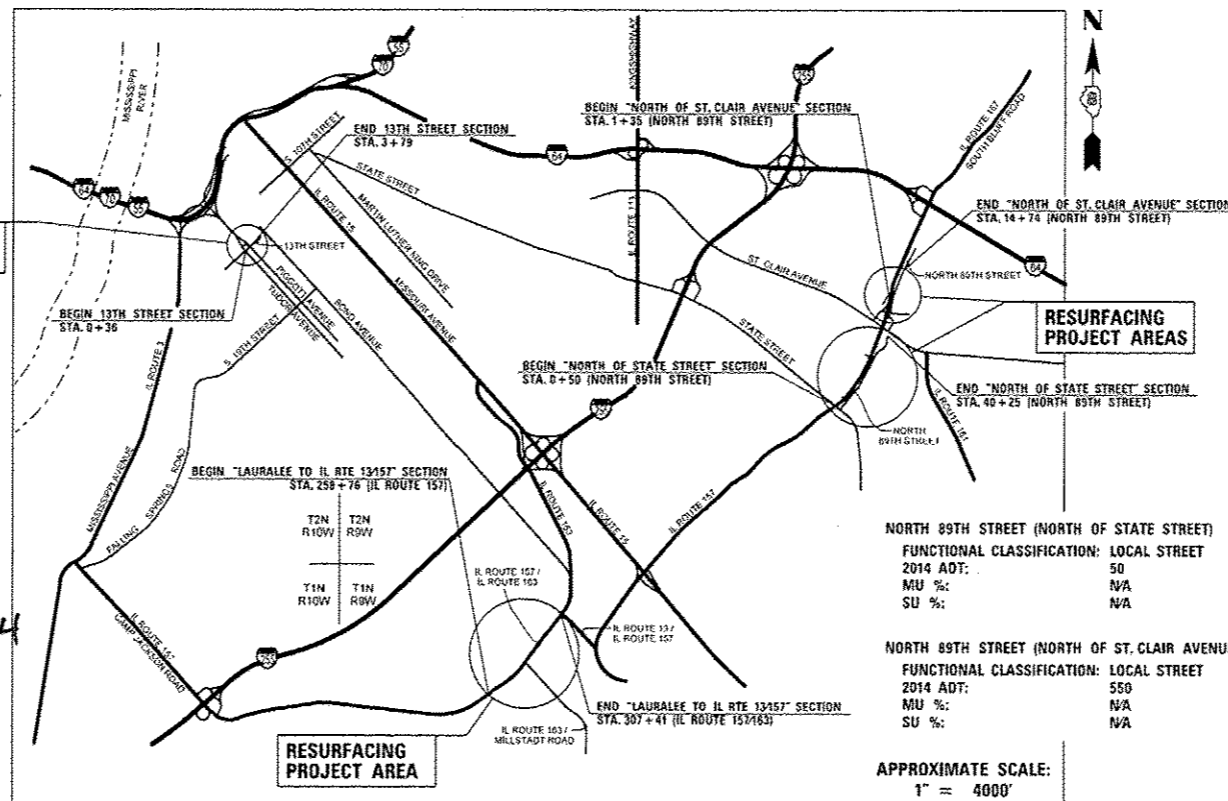
**C-98-049-14**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		ST. CLAIR	19	1

DIST 8 RESURFACING 2014-5 D-98-048-14



IL ROUTE 157 /CAMP JACKSON ROAD (LAURALEE TO IL ROUTE 13/157)  
 FUNCTIONAL CLASSIFICATION: PRINCIPAL ARTERIAL  
 2014 ADT: 8700  
 MU %: 1.2%  
 SU %: 2.2%



NORTH 89TH STREET (NORTH OF STATE STREET)  
 FUNCTIONAL CLASSIFICATION: LOCAL STREET  
 2014 ADT: 50  
 MU %: N/A  
 SU %: N/A

NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)  
 FUNCTIONAL CLASSIFICATION: LOCAL STREET  
 2014 ADT: 550  
 MU %: N/A  
 SU %: N/A

APPROXIMATE SCALE:  
 1" = 4000'

LOCATION MAP  
 GROSS LENGTH = 10,522' (1.99 MILES)  
 NET LENGTH = 10,522' (1.99 MILES)

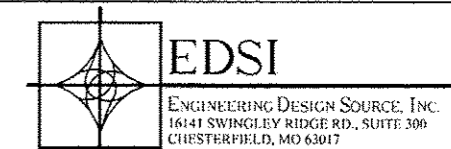
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED *April 11, 2014*  
*Jeffrey L. Kan*  
 DISTRICT ENGINEER

*May 9, 2014*  
*John D. Baranzoni, PE*  
 ENGINEER OF DESIGN AND ENVIRONMENT

*May 9, 2014*  
*Omer Osman, PE*  
 DIRECTOR, DIVISION OF HIGHWAYS

**PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS**



PLOT DATE: 4/11/2014 12:29:40 PM

## GENERAL NOTES

- EXCESS BITUMIN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- MIXTURES FOR JOINTS, CRACKS, AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR AND ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- THE NOMINAL THICKNESS FOR BINDER AND SURFACE COURSE IS SHOWN ON THE TYPICAL SECTIONS, STANDARDS, SCHEDULES, OR SPECIAL DETAILS. THE CONSTRUCTED THICKNESS OF THE BASE ITEMS SHALL NOT BE LESS THAN 90 PERCENT OF THE NOMINAL THICKNESS AT ANY LOCATION.
- THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO BITUMINOUS SURFACE REMOVAL.
- THE CONTRACTOR IS TO USE FULL LANE WIDTH (12 FT WIDE) DURING BITUMINOUS SURFACE REMOVAL.
- THE USE OF VIBRATORY ROLLERS IS PROHIBITED IN RESIDENTIAL AREAS. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE BITUMINOUS PAVEMENTS AS SPECIFIED IN THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS.
- HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PATCHING.
- THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES AND VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
- THE PROPOSED STEEL BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINAL ITEMS INCLUDED IN THE PLANS SHALL COMPLY WITH THE DETAILS IN THE PLANS AND MANUFACTURER'S DETAILS IN ORDER TO MATCH THE EXISTING GUARDRAIL ELEMENTS THAT WERE ERECTED PRIOR TO JANUARY 1, 2007.
- ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED, AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
- THE ILLINOIS DEPARTMENT OF TRANSPORTATION STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN, AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN, AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS. E.G. MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10-HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. PLEASE CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- THE PAVEMENT MARKING SHOWN ON THE PLAN IS APPROXIMATE. THE LOCATION OF THE PROPOSED PAVEMENT MARKINGS SHALL MATCH EXISTING FIELD CONDITIONS, OR BE PLACED AS DIRECTED BY THE ENGINEER.
- ALL TRAFFIC CONTROL DEVICES SHALL BE SKID-MOUNTED.
- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE (CAMP JACKSON ROAD / IL ROUTE 157)	SURFACE (13TH STREET & NORTH 89TH STREET)	LEVEL BINDER	PATCHING	INCIDENTAL SURFACE	SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	**2.0% @ Ndes=30
MIX COMPOSITION	----	----	----	----	----	NMAS 3/4"
(GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 9.5 FG	IL 19.0 FG	----	IL 19.0
FRICITION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"	----

\*\* TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%

## GENERAL NOTES (CONT.)

- NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE (48" X 48").
- FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
- "UNEVEN LANE" SIGNS SHALL BE PLACED ON MILLED ROADWAY LANES THAT ARE NOT ABLE TO BE RESURFACED PRIOR TO OPENING THE LANES TO TRAFFIC. THE CONTRACTOR SHALL ALSO PROVIDE TEMPORARY SIGNAGE, IF NECESSARY, TO ENSURE THAT THE MAXIMUM SPEED LIMIT THROUGH SUCH AREAS IS 40 MILES PER HOUR. IF MILLING OPERATIONS CAUSE UNEVEN LANES IN THE VICINITY OF CURRENTLY-DESIGNATED PASSING ZONES, THE CONTRACTOR SHALL ALSO PROVIDE APPROPRIATE TEMPORARY PAVEMENT MARKINGS AND/OR TEMPORARY SIGNAGE, IN ORDER TO RESTRICT MOTORISTS FROM ATTEMPTING PASSING MOVEMENTS.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123 OR 811) OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

	ABOVE GROUND	BELOW GROUND
• AMEREN ILLINOIS, GAS & ELECTRIC	X	X
• AT&T ILLINOIS, COMMUNICATIONS	X	X
• VILLAGE OF CASEYVILLE, WATER & SANITARY SEWER	X	X
• CHARTER COMMUNICATIONS, CABLE TV	X	X
• CITY OF EAST ST. LOUIS, LIGHTING	X	X
• CITY OF FAIRVIEW HEIGHTS, SANITARY SEWER		X
• ILLINOIS AMERICAN WATER COMPANY, WATER		X
• LACLEDE PIPELINE COMPANY, PIPELINE		X
• MEDIACOM, CABLE TV	X	X
• CITY OF O'FALLON, WATER & SANITARY SEWER		X
• MCLEOD TELECOMMUNICATIONS SERVICES, COMMUNICATIONS		X

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

## RATES OF APPLICATION

CRUSHED STONE (WITH FINES): AGGREGATE SHOULDERS	2.05 TON/CU YD
BITUMINOUS CONCRETE: SURFACE, BINDER, LEVEL BINDER	112 LBS/SQ YD/INCH
AGGREGATE (PRIME COAT): BRICK, PCC, & BITUM BASE	0.0015 TON/SQ YD
BITUMINOUS MATERIALS (PRIME COAT): BRICK, PCC, & BITUM BASE	0.0003129 TON/SQ YD
SEEDING AREAS: NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE
MULCH: METHOD 1 & 2; STRAW MULCH	2 TONS/ACRE

## COMMITMENTS

NONE

4/15/2014 7:53:11 AM 9FILES	FILE NAME : 76H23-sh1-GEN NOTES.dgn	USER NAME : mmekin	DESIGNED - TTB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE : 20.0000' / 1" =	CHECKED - JAH	REVISED -	* DIST 8 RESURFACING 2014-5				CONTRACT NO. 76H23						
	PLOT DATE : 4/15/2014	DATE - 4/10/14	REVISED -	FED. ROAD DIST. NO. 8   ILLINOIS   FED. AID PROJECT										
SCALE: NONE						SHEET NO.	OF	SHEETS	STA.	TO STA.				

**SUMMARY OF QUANTITIES**

100% STATE  
CONSTRUCTION CODE  
ROADWAY 0005

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)	NORTH 89TH STREET (NORTH OF STATE STREET)	NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)	13TH STREET
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	23		23		
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	14	7	4	2	1
40600300	AGGREGATE (PRIME COAT)	TON	56	30	18	5	3
40600637	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	1,342	645	480	140	77
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,075	770	280	227	798
40600990	TEMPORARY RAMP	SQ YD	1,605	494	151	162	798
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1,396		960	281	155
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1,288	1,288			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	37	31	4	2	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	250				250
42400800	DETECTABLE WARNINGS	SQ FT	25				25
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	18,886	18,886			
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	14,432		11,255	3,177	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	1,842				1,842

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PLT DATE = 4/15/2014	DATE - 4/10/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUMMARY OF QUANTITIES**

SCALE: NONE SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	ST. CLAIR	19	3
* DIST 8 RESURFACING 2014-5			CONTRACT NO. 76H23	
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES (CONT.)**

100% STATE  
CONSTRUCTION CODE  
ROADWAY 0005

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)	NORTH 89TH STREET (NORTH OF STATE STREET)	NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)	13TH STREET
44000300	CURB REMOVAL	FOOT	90		80		10
44000600	SIDEWALK REMOVAL	SQ FT	220				220
44200120	PAVEMENT PATCHING, TYPE II, 10 INCH	SQ YD	386	111	244	31	
44200124	PAVEMENT PATCHING, TYPE III, 10 INCH	SQ YD	150	99	23		28
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SQ YD	765	533	186		46
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	21,024	9,710	7,950	2,678	686
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	168	138		30	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	490	490			
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	80		80		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	75			75	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2			2	
63200310	GUARDRAIL REMOVAL	FOOT	115			115	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	0.5	0.5	0.5	0.5
67100100	MOBILIZATION	L SUM	1	0.25	0.25	0.25	0.25

\* SPECIALTY ITEM

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PLOT DATE = 4/15/2014	DATE - 4/10/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		ST. CLAIR	19	4
* DIST 8 RESURFACING 2014-5			CONTRACT NO. 76H23	
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES (CON'T.)**

100% STATE  
CONSTRUCTION CODE  
ROADWAY 0005

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)	NORTH 89TH STREET (NORTH OF STATE STREET)	NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)	13TH STREET
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5	0.3	0.1	0.1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1				1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	60	15	15	15	15
70300100	SHORT TERM PAVEMENT MARKING	FOOT	29,056	19,486	8,573	335	662
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	190	190			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	28,538	19,040	8,525	335	638
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	371	371			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	147	75	48		24
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	20,735	14,115	5,875	223	522
* 72000100	SIGN PANEL - TYPE 1	SQ FT	39	15		24	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	106	30		76	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	190	190			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	28,538	19,040	8,525	335	638

\* SPECIALTY ITEM

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PLOT DATE = 4/15/2014	DATE - 4/10/14	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	ST. CLAIR	19	5
* DIST 8 RESURFACING 2014-5		CONTRACT NO. 76H23		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES (CON'T.)**

100% STATE  
CONSTRUCTION CODE  
ROADWAY 0005

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)	NORTH 89TH STREET (NORTH OF STATE STREET)	NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)	13TH STREET
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	371	371			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	147	75	48		24
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	187	117	50	17	3
* 78200300	PRISMATIC CURB REFLECTOR	EACH	63	63			
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	8			8	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2			2	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	180	180			
Z0036200	PAINT CURB	FOOT	1,184	1,184			
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			

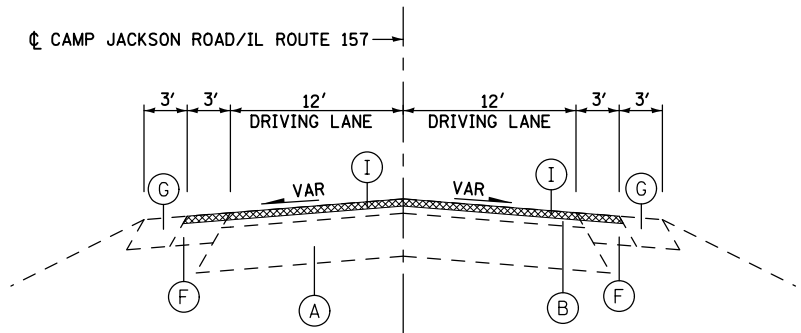
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

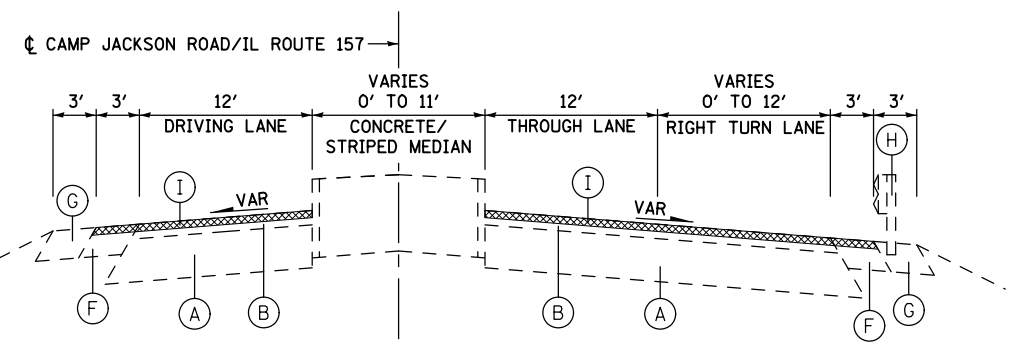
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	ST. CLAIR	19	6
* DIST 8 RESURFACING 2014-5 CONTRACT NO. 76H23				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

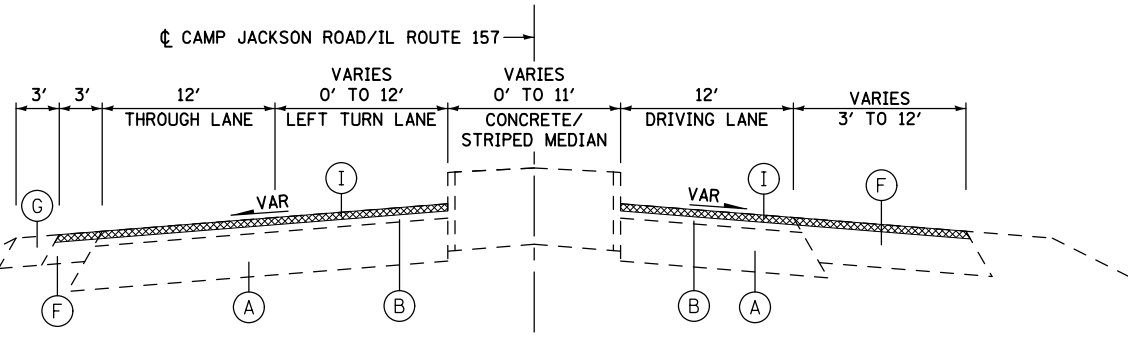
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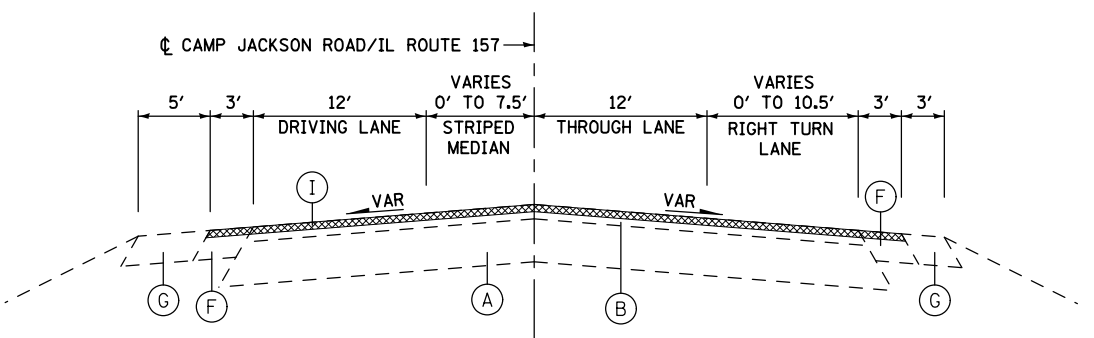
**EXISTING IL ROUTE 157/CAMP JACKSON ROAD**  
 STA 258+76 TO STA 276+06,  
 STA 289+30 TO STA 305+94



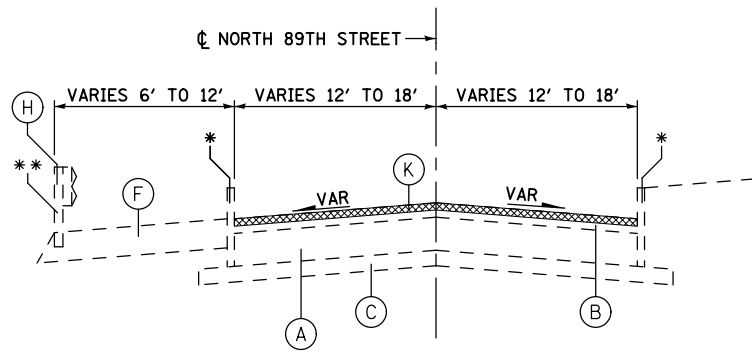
**EXISTING IL ROUTE 157/CAMP JACKSON ROAD**  
 STA 276+06 TO STA 281+18



**EXISTING IL ROUTE 157/CAMP JACKSON ROAD**  
 STA 281+18 TO STA 289+30

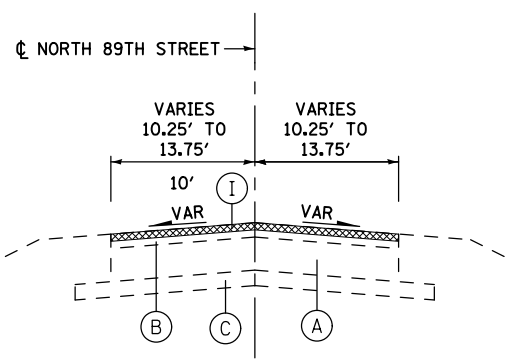


**EXISTING IL ROUTE 157/CAMP JACKSON ROAD**  
 STA 305+94 TO STA 307+41

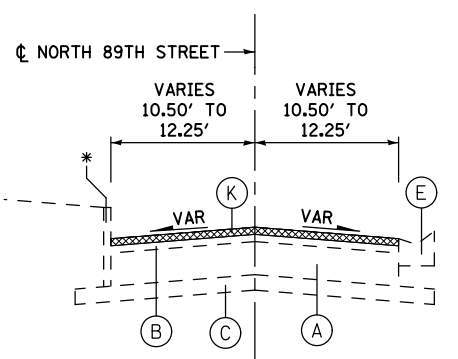


**EXISTING NORTH 89TH STREET**  
 (NORTH OF STATE STREET)  
 STA 0+50 TO STA 40+25

- EXISTING CONCRETE CURB PRESENT FROM STA. 0+50 TO STA. 6+25 (LT.), FROM STA. 20+57 TO STA. 29+02 (LT.), AND FROM STA. 20+57 TO STA. 30+53 (RT.)
- EXISTING GUARDRAIL PRESENT FROM STA. 15+07 TO STA. 26+04

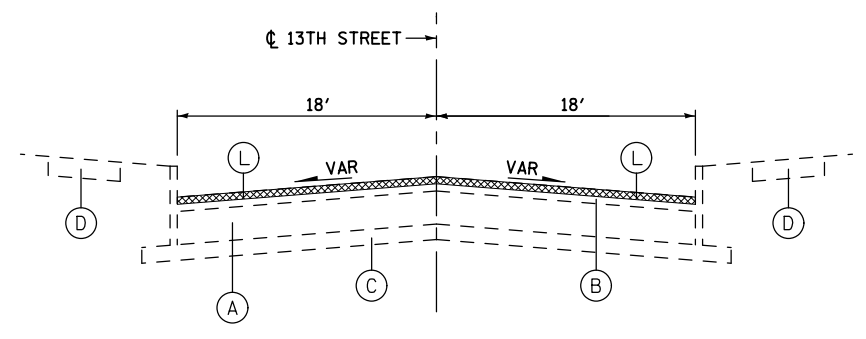


**EXISTING NORTH 89TH STREET**  
 (NORTH OF ST. CLAIR AVENUE)  
 STA 1+35 TO STA 2+90



**EXISTING NORTH 89TH STREET**  
 (NORTH OF ST. CLAIR AVENUE)  
 STA 2+90 TO STA 14+74

- EXISTING CONCRETE CURB PRESENT FROM STA. 2+59 TO STA. 5+21 AND FROM STA. 11+00 TO STA. 14+74



**EXISTING 13TH STREET**  
 STA 0+36 TO STA 3+79

**LEGEND:**

- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING RESURFACING
- (C) EXISTING SUB-BASE GRANULAR MATERIAL
- (D) EXISTING CONCRETE SIDEWALK
- (E) EXISTING GUTTER TYPE A
- (F) EXISTING BITUMINOUS SHOULDER
- (G) EXISTING AGGREGATE SHOULDER
- (H) EXISTING GUARDRAIL
- (I) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL - 1"
- (J) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL - 1 1/2"
- (K) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL - 1 3/4"
- (L) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
- (M) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (N) PROPOSED AGGREGATE (PRIME COAT)
- (O) PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- (P) PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2"

**NOTES:**

- HMA SURFACE REMOVAL THICKNESS IS THE REMOVAL DEPTH AT THE BASELINE.
- PATCHING SHALL CONSIST OF CLASS C OR CLASS D PATCHES.

**LEGEND:**

TO BE REMOVED

4/11/2014  
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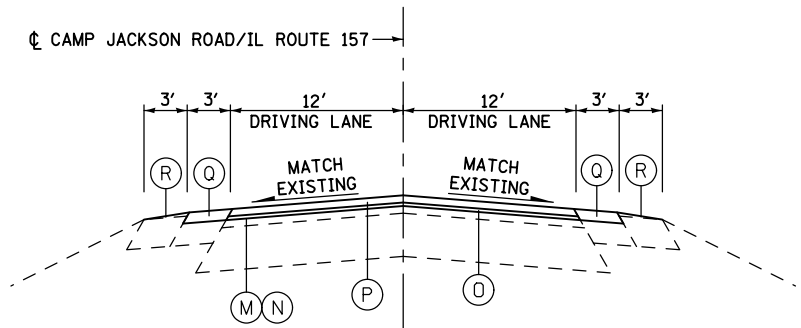
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PLOT DATE = 4/11/2014			

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

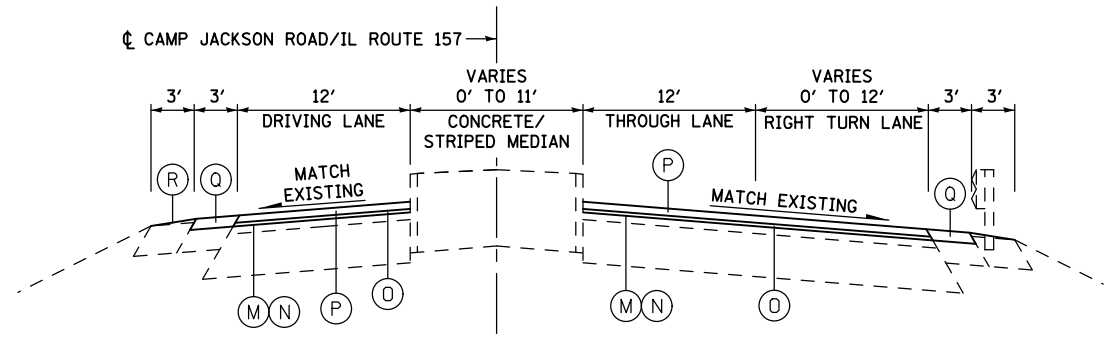
**TYPICAL SECTIONS**

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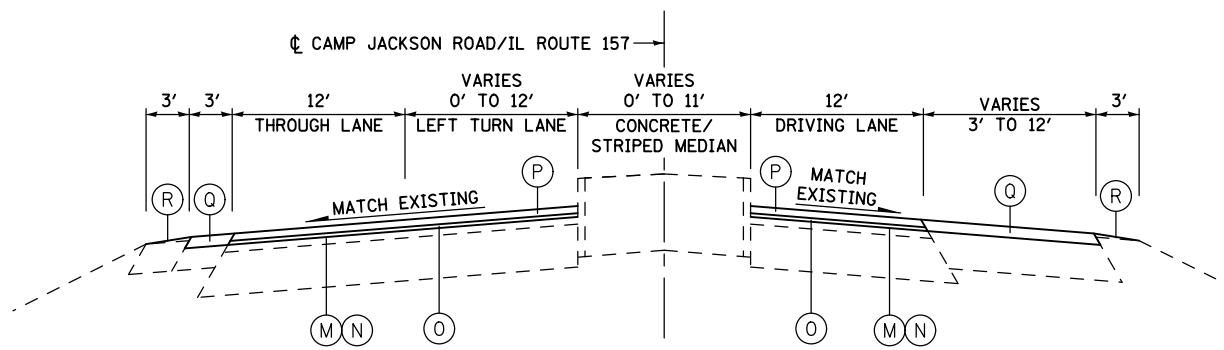
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	ST. CLAIR	19	7
• DIST 8 RESURFACING 2014-5		CONTRACT NO. 76H23		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



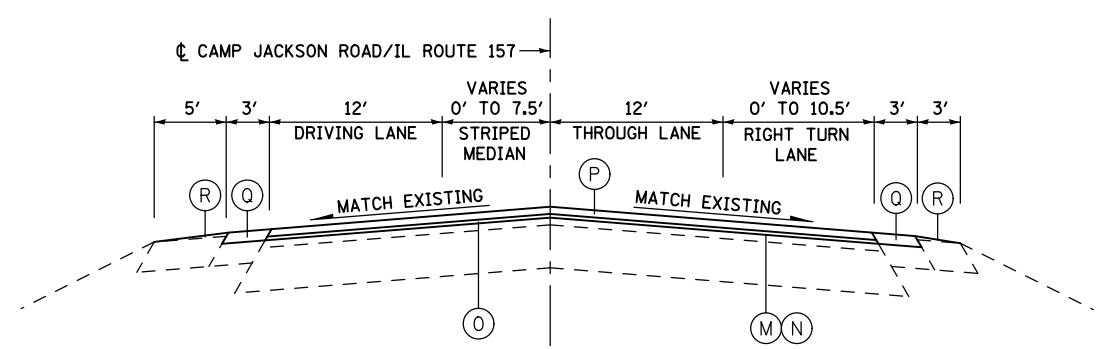
**PROPOSED IL ROUTE 157/CAMP JACKSON ROAD**  
 STA 258+76 TO STA 276+06,  
 STA 289+30 TO STA 305+94



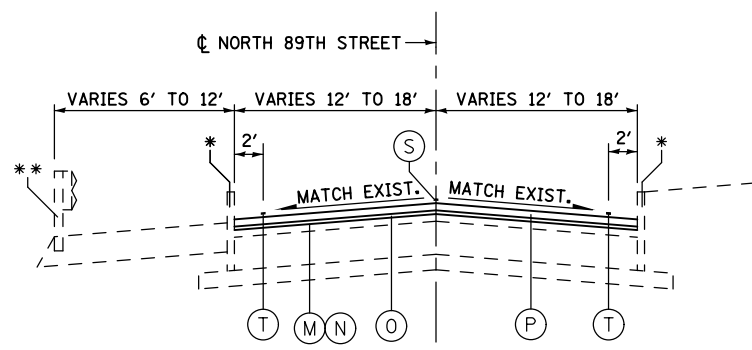
**PROPOSED IL ROUTE 157/CAMP JACKSON ROAD**  
 STA 276+06 TO STA 281+18



**PROPOSED IL ROUTE 157/CAMP JACKSON ROAD**  
 STA 281+18 TO STA 289+30

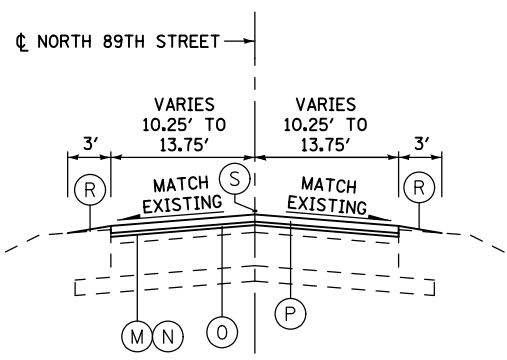


**PROPOSED IL ROUTE 157/CAMP JACKSON ROAD**  
 STA 305+94 TO STA 307+41  
 REFER TO PAVEMENT MARKING PLAN FOR PROPOSED  
 PAVEMENT MARKING ON IL ROUTE 157/CAMP JACKSON ROAD

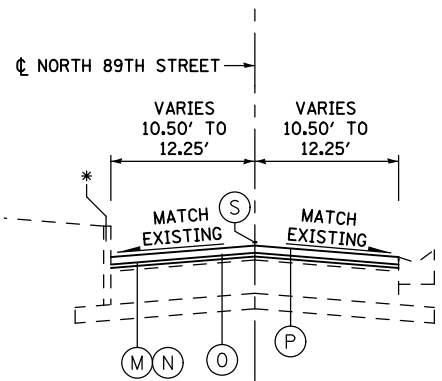


**PROPOSED NORTH 89TH STREET**  
 (NORTH OF STATE STREET)  
 STA 0+50 TO STA 40+25

- EXISTING CONCRETE CURB PRESENT FROM STA. 0+50 TO STA. 6+25 (LT.), FROM STA. 20+57 TO STA. 29+02 (LT.), AND FROM STA. 20+57 TO STA. 30+53 (RT.)
- EXISTING GUARDRAIL PRESENT FROM STA. 15+07 TO STA. 26+04

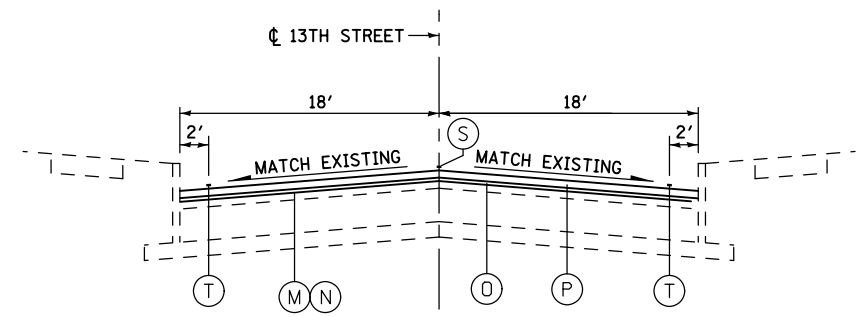


**PROPOSED NORTH 89TH STREET**  
 (NORTH OF ST. CLAIR AVENUE)  
 STA 1+35 TO STA 2+90



**PROPOSED NORTH 89TH STREET**  
 (NORTH OF ST. CLAIR AVENUE)  
 STA 2+90 TO STA 14+74

- EXISTING CONCRETE CURB PRESENT FROM STA. 2+59 TO STA. 5+21 AND FROM STA. 11+00 TO STA. 14+74



**PROPOSED 13TH STREET**  
 STA 0+36 TO STA 3+79

**LEGEND:**

- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING RESURFACING
- (C) EXISTING SUB-BASE GRANULAR MATERIAL
- (D) EXISTING CONCRETE SIDEWALK
- (E) EXISTING GUTTER TYPE A
- (F) EXISTING BITUMINOUS SHOULDER
- (G) EXISTING AGGREGATE SHOULDER
- (H) EXISTING GUARDRAIL
- (I) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL - 1"
- (J) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL - 1 1/2"
- (K) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL - 1 3/4"
- (L) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
- (M) PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- (N) PROPOSED AGGREGATE (PRIME COAT)
- (O) PROPOSED LEVELING BINDER (MACHINE METHOD), N70, 3/4"
- (P) PROPOSED HOT-MIX ASPHALT SURFACE COURSE - 1 1/2"
- (Q) PROPOSED HOT-MIX ASPHALT SHOULDER, 2 1/4"
- (R) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- (S) PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH, 10' DASH, 30' SKIP (YELLOW)
- (T) PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE LINE

**NOTES:**

- HMA SURFACE REMOVAL THICKNESS IS THE REMOVAL DEPTH AT THE BASELINE.
- PATCHING SHALL CONSIST OF CLASS C OR CLASS D PATCHES.

4/11/2014  
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PLOT DATE = 4/11/2014			

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. VAR.	SECTION *	COUNTY ST. CLAIR	TOTAL SHEETS 19	SHEET NO. 8
• DIST 8 RESURFACING 2014-5		CONTRACT NO. 76H23		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



REMOVAL SCHEDULE											
STATION	TO	STATION	CURB REMOVAL FOOT	SIDEWALK REMOVAL SQ FT	GUARDRAIL REMOVAL FOOT	HOT-MIX ASPHALT SURFACE REMOVAL, 1" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" SQ YD	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SQ YD	TEMPORARY RAMP SQ YD	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL EACH
<b>CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)</b>											
258+76		259+01							83	83	180
258+76		307+41				11,158					
259+01		285+87							143	143	
285+87		286+12							138	138	
286+22		286+47				7,728					
286+47		307+16							130	130	
307+16		307+41									
<b>"LAURALEE TO IL ROUTE 13/157" TOTAL</b>						18,886			494	494	180
<b>NORTH 89TH STREET (NORTH OF STATE STREET)</b>											
0+50		0+85							151	151	
21+76		22+56	80								
0+85		40+25				11,255					
<b>"NORTH OF STATE STREET" TOTAL</b>			80			11,255			151	151	
<b>NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)</b>											
1+35		1+70							81	81	
1+87, LT.		2+80, LT.			115						
1+70		14+39				3,177					
14+39		14+74							81	81	
<b>"NORTH OF ST. CLAIR AVENUE" TOTAL</b>					115	3,177			162	162	
<b>13TH STREET</b>											
0+36		0+81							289	289	
0+36		3+79					1,842				
3+34, LT.		-----	5	110							
3+34, RT.		-----	5	110							
3+36		3+79							509	509	
<b>13TH STREET TOTAL</b>			10	220			1,842		798	798	
<b>TOTAL</b>			90	220	115	18,886	14,432	1,842	1,605	1,605	180

SHOULDER/ROADSIDE SCHEDULE											
STATION	TO	STATION	SIDE	BITUMINOUS MATERIALS (PRIME COAT) TON	AGGREGATE (PRIME COAT) TON	AGGREGATE WEDGE SHOULDERS, TYPE B TON	HOT-MIX ASPHALT SHOULDERS TON	PORTLAND CEMENT CONCRETE SIDEWALK, 6" SQ FT	DETECTABLE WARNINGS SQ FT	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 FOOT	AGGREGATE BASE COURSE, TYPE B 4" SQ YD
<b>CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)</b>											
258+76		286+09	LT	0.28	1.4	32	115				
258+76		280+63	RT	0.23	1.1	26	92				
281+48		286+17	RT	0.17	0.9	20	69				
286+20		307+41	LT	0.22	1.1	25	90				
286+27		307+41	RT	0.31	1.5	35	124				
<b>"LAURALEE TO IL ROUTE 13/157" TOTAL</b>				1.2	6	138	490				
<b>NORTH 89TH STREET (NORTH OF STATE STREET)</b>											
21+76		22+56	RT							80	23
<b>"NORTH OF STATE STREET" TOTAL</b>										80	23
<b>NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)</b>											
1+35		2+90	LT			15					
1+35		2+90	RT			15					
<b>"NORTH OF STATE STREET" TOTAL</b>						30					
<b>13TH STREET</b>											
3+34		-----	LT					125	12.5		
3+34		-----	RT					125	12.5		
<b>13TH STREET TOTAL</b>								250	25		
<b>TOTAL</b>				1.2	6	168	490	250	25	80	23

RESURFACING SCHEDULE								
STATION	TO	STATION	BITUMINOUS MATERIALS (PRIME COAT) TON	AGGREGATE (PRIME COAT) TON	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70 TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 TON	STRIP REFLECTIVE CRACK CONTROL TREATMENT FOOT
<b>CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)</b>								
258+76		286+12	2.87	14	385		770	5,472
286+22		307+41	1.93	10	260		518	4,238
<b>"LAURALEE TO IL ROUTE 13/157" TOTAL</b>			4.8	24	645		1,288	9,710
<b>NORTH 89TH STREET (NORTH OF STATE STREET)</b>								
0+50		40+25	3.58	18	480	960		7,950
<b>"NORTH OF STATE STREET" TOTAL</b>			3.6	18	480	960		7,950
<b>NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)</b>								
1+35		14+74	1.04	5	140	281		2,678
<b>"NORTH OF ST. CLAIR AVENUE" TOTAL</b>			1.0	5	140	281		2,678
<b>13TH STREET</b>								
0+36		3+79	0.58	3	77	155		686
<b>13TH STREET TOTAL</b>			0.6	3	77	155		686
<b>TOTAL</b>			10	50	1,342	1,396	1,288	21,024

ENTRANCE SCHEDULE							
STATION	SIDE	TYPE	EXISTING SURFACE	LENGTH (FOOT)	WIDTH (FOOT)	BITUMINOUS MATERIALS (PRIME COAT) TON	INCIDENTAL HMA SURFACING TON
<b>CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)</b>							
260+76	RT	COMMERCIAL	BITUMINOUS	340	3	0.035	3.97
264+85	LT	COMMERCIAL	GRAVEL	33	3	0.003	0.39
266+19	RT	COMMERCIAL	BITUMINOUS	480	3	0.050	5.60
268+29	LT	COMMERCIAL	BITUMINOUS	53	3	0.006	0.62
269+12	RT	COMMERCIAL	BITUMINOUS	67	3	0.007	0.78
269+83	LT	FIELD	GRAVEL	70	3	0.007	0.82
270+82	LT	COMMERCIAL	BITUMINOUS	28	3	0.003	0.33
271+19	RT	COMMERCIAL	BITUMINOUS	48	3	0.005	0.56
273+76	LT	COMMERCIAL	BITUMINOUS	38	3	0.004	0.44
276+63	LT	PRIVATE	CONCRETE	31	3	0.003	0.36
281+31	LT	COMMERCIAL	BITUMINOUS	38	3	0.004	0.44
282+09	LT	COMMERCIAL	CONCRETE	37	3	0.004	0.43
282+77	LT	COMMERCIAL	CONCRETE	19	3	0.002	0.22
283+82	LT	COMMERCIAL	CONCRETE	38	3	0.004	0.44
286+82	LT	PRIVATE	CONCRETE	32	3	0.003	0.37
288+15	LT	PRIVATE	CONCRETE	22	3	0.002	0.26
289+84	RT	COMMERCIAL	BITUMINOUS	74	3	0.008	0.86
294+16	LT	PRIVATE	GRAVEL	18	3	0.002	0.21
295+00	RT	PRIVATE	GRAVEL	24	3	0.003	0.28
295+55	LT	PRIVATE	CONCRETE	51	3	0.005	0.60
298+55	RT	PRIVATE	GRAVEL	134	3	0.014	1.56
301+36	LT	PRIVATE	GRAVEL	21	3	0.002	0.25
301+90	LT	PRIVATE	GRAVEL	25	3	0.003	0.29
302+52	LT	PRIVATE	GRAVEL	21	3	0.002	0.25
303+32	LT	PRIVATE	BITUMINOUS	21	3	0.002	0.25
304+75	LT	COMMERCIAL	BITUMINOUS	45	3	0.005	0.53
<b>"LAURALEE TO IL ROUTE 13/157" TOTAL</b>						0.19	21
<b>NORTH 89TH STREET (NORTH OF STATE STREET)</b>							
1+85	RT	COMMERCIAL	BITUMINOUS	47	3	0.005	0.22
6+06	RT	PRIVATE	BITUMINOUS	17	3	0.002	0.08
7+62	RT	PRIVATE	BITUMINOUS	12	3	0.001	0.06
8+91	RT	PRIVATE	CONCRETE	29	3	0.003	0.14
10+15	RT	PRIVATE	GRAVEL	25	3	0.003	0.12
16+48	RT	PRIVATE	BITUMINOUS	28	3	0.003	0.13
19+09	RT	PRIVATE	CONCRETE	26	3	0.003	0.12
21+22	RT	PRIVATE	CONCRETE	19	3	0.002	0.09
21+69	RT	PRIVATE	BITUMINOUS	16	3	0.002	0.07
22+73	RT	PRIVATE	BITUMINOUS	25	3	0.003	0.12
28+17	RT	PRIVATE	CONCRETE	13	3	0.001	0.06
28+87	RT	PRIVATE	BITUMINOUS	16	3	0.002	0.07
32+07	LT	COMMERCIAL	GRAVEL	50	3	0.005	0.23
32+68	LT	PRIVATE	BITUMINOUS	15	3	0.002	0.07
37+13	RT	PRIVATE	GRAVEL	38	3	0.004	0.18
39+27	LT	PRIVATE	GRAVEL	16	3	0.002	0.07
39+30	RT	PRIVATE	GRAVEL	28	3	0.003	0.13
39+50	LT	PRIVATE	GRAVEL	13	3	0.001	0.06
<b>"NORTH OF STATE STREET" TOTAL</b>						0.05	2
<b>NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)</b>							
4+15	RT	COMMERCIAL	CONCRETE	36	3	0.004	0.17
4+84	RT	COMMERCIAL	CONCRETE	32	3	0.003	0.15
5+53	RT	COMMERCIAL	CONCRETE	26	3	0.003	0.12
6+82	RT	COMMERCIAL	CONCRETE	45	3	0.005	0.21
7+92	RT	COMMERCIAL	CONCRETE	50	3	0.005	0.23
10+50	RT	COMMERCIAL	CONCRETE	42	3	0.004	0.20
<b>"NORTH OF ST. CLAIR AVENUE" TOTAL</b>						0.02	1
<b>TOTAL</b>						0.3	24

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

FILE NAME = 76h23-shr-QUAN SCHED-01.dgn  
 USER NAME = mmcklin  
 MODEL NAME = Default  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 4/11/2014

DESIGNED - TTB  
 DRAWN - TTB  
 CHECKED - JAH  
 DATE - 4/10/14

REVISED -  
 REVISED -  
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 REVISED -

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.  
 F.A.I. RTE. SECTION COUNTY TOTAL SHEETS  
 VAR. \* ST. CLAIR 19 9  
 \* DIST 8 RESURFACING 2014-5 CONTRACT NO. 76H23  
 FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT

SIDEROAD SCHEDULE								
STATION	SIDE	ROAD NAME	EXISTING SURFACE	LENGTH (FOOT)	WIDTH (FOOT)	BITUMINOUS MATERIALS (PRIME COAT) TON	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SQ YD	INCIDENTAL HMA SURFACING TON
<b>CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)</b>								
266+21	LT	RENOIS LANE	BITUMINOUS	91	7.5	0.024	75.8	2.7
281+06	RT	MILLSTADT ROAD	BITUMINOUS	76	7.5	0.020	63.3	2.2
289+80	LT	CHURCH ROAD	BITUMINOUS	48	7.5	0.013	40.0	1.4
299+37	LT	TUSKEGEE DRIVE	BITUMINOUS	57	7.5	0.015	47.5	1.7
304+01	LT	BOCLAIR DRIVE	BITUMINOUS	13	7.5	0.003	10.8	0.4
305+77	LT	DUNLAP DRIVE	BITUMINOUS	24	7.5	0.006	20.0	0.7
307+17	LT	BEATRICE STREET	BITUMINOUS	22	7.5	0.006	18.3	0.6
<b>"LAURALEE TO IL ROUTE 13/157" TOTAL</b>						0.09	276	10
<b>NORTH 89TH STREET (NORTH OF STATE STREET)</b>								
5+06	LT	WASHINGTON STREET	BITUMINOUS	40	3.5	0.005	15.6	0.2
15+62	RT	HILLSLOPE DRIVE	CONCRETE	68	3.5	0.008	26.4	0.4
27+73	LT	VIEUX CARRE DRIVE	CONCRETE	130	3.5	0.016	50.6	0.7
30+85	RT	WOESTBOUL STREET	BITUMINOUS	92	3.5	0.011	35.8	0.5
<b>"NORTH OF STATE STREET" TOTAL</b>						0.04	129	2
<b>NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)</b>								
10+09	LT	CALIFORNIA DRIVE	CONCRETE	166	3.5	0.020	64.6	0.9
<b>"NORTH OF ST. CLAIR AVENUE" TOTAL</b>						0.02	65	1
<b>TOTAL</b>						0.1	470	13

SIGNING SCHEDULE					
LOCATION	OFFSET	TYPE	SIZE	SIGN PANEL TYPE 1 SQ FT	TELESCOPING STEEL SIGN SUPPORT FT
<b>CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)</b>					
283+05	28' LT.	W10-1	36" DIA.	7.07	15
289+38	36.5' RT.	W10-1	36" DIA.	7.07	15
<b>"LAURALEE TO IL ROUTE 13/157" TOTAL</b>				15	30
<b>NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)</b>					
1+53	18' LT.	W1-8R	18" X 24"	3.00	14
1+86	18' LT.	W1-8L	18" X 24"	3.00	16
1+86	18' LT.	W1-8R	18" X 24"	3.00	16
2+19	18' LT.	W1-8L	18" X 24"	3.00	16
2+19	18' LT.	W1-8R	18" X 24"	3.00	16
2+52	18' LT.	W1-8L	18" X 24"	3.00	16
2+52	18' LT.	W1-8R	18" X 24"	3.00	16
2+88	18' LT.	W1-8L	18" X 24"	3.00	14
<b>"NORTH OF ST. CLAIR AVENUE" SUBTOTAL</b>				24	76
<b>TOTALS</b>				39	106

GUARDRAIL SCHEDULE					
STATION TO	STATION	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6-FOOT POSTS FOOT	GUARDRAIL MARKERS, TYPE A EACH	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT EACH	TERMINAL MARKER - DIRECT APPLIED EACH
<b>NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)</b>					
1+37	1+59		2	1	1
1+59	2+65	75	4		
2+65	2+87		2	1	1
<b>"NORTH OF ST. CLAIR AVENUE" TOTAL</b>		75	8	2	2
<b>TOTAL</b>		75	8	2	2

PAVEMENT MARKING SCHEDULE												
LOCATION	TYPE	THERMOPLASTIC PAVEMENT MARKING					RAISED REFLECTIVE PAVEMENT MARKERS				PRISMATIC CURB REFLECTOR ONE WAY AMBER EA	
		LETTERS & SYMBOLS SQ FT	4" LINE		12" LINE		24" LINE	TWO WAY AMBER EA	ONE WAY AMBER EA	WHITE OPAQUE EA		PAINT CURB YELLOW (FT)
			WHITE (FT)	YELLOW (FT)	WHITE (FT)	YELLOW (FT)	WHITE (FT)					
<b>CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)</b>												
258+76 TO 307+41 (SEE PLAN SHEETS)	STOP BAR					75						
	SKIP DASH		131	455					23			
	SINGLE SOLID		10,234	1,905						14	1,184	63
	DOUBLE SOLID			6,315					38	42		
	DIAGONAL				270	101						
	LETTERS & SYMBOLS	190										
<b>"LAURALEE TO IL ROUTE 13/157" TOTAL</b>		190	10,365	8,675	270	101	75		61	42	1,184	63
<b>NORTH 89TH STREET (NORTH OF STATE STREET)</b>												
0+50 TO 40+25	STOP BAR					48						
	SKIP DASH			994					50			
	SINGLE SOLID		7,531									
<b>"NORTH OF STATE STREET" TOTAL</b>			7,531	994			48		50			
<b>NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)</b>												
1+35 TO 14+74	SKIP DASH			335					17			
<b>"NORTH OF ST. CLAIR AVENUE" TOTAL</b>				335					17			
<b>13TH STREET</b>												
0+36 TO 3+79	STOP BAR					24						
	SKIP DASH			55					3			
	SINGLE SOLID		555	28								
<b>13TH STREET TOTAL</b>			555	83		24			3			
<b>TOTALS</b>		190	18,451	10,087	270	101	147		131	42	1,184	63

PATCHING SCHEDULE					
LOCATION	LENGTH (FOOT)	WIDTH (FOOT)	PAVEMENT PATCHING, TYPE II, 10 INCH SQ YD	PAVEMENT PATCHING, TYPE III, 10 INCH SQ YD	PAVEMENT PATCHING, TYPE IV, 10 INCH SQ YD
<b>CAMP JACKSON ROAD / IL ROUTE 157 (LAURALEE TO IL ROUTE 13/157)</b>					
258+86, LT.	20	12			26.7
258+86, RT.	20	12			26.7
263+40, LT.	20	12			26.7
263+40, RT.	20	12			26.7
269+83	6	12	8.0		
270+35, LT.	20	12		26.7	
270+35, RT.	20	12		26.7	
275+06	200	6			133.3
278+10	20	15			33.3
278+51	6	15	10.0		
279+13	10	15		16.7	
280+19	50	15			83.3
284+46, LT.	6	21	14.0		
284+46, RT.	6	21	14.0		
285+39, LT.	6	23		15.3	
285+39, RT.	6	14	9.3		
287+15, LT.	6	15	10.0		
287+15, RT.	6	14	9.3		
290+89	10	12	13.3		
290+91	6	12	8.0		
293+76, LT.	40	12			53.3
293+76, RT.	40	12			53.3
<b>"LAURALEE TO IL ROUTE 13/157" SUBTOTAL</b>			96.0	85.3	463.3
<b>ANTICIPATED FAILURES (15%)</b>			14.4	12.8	69.5
<b>"LAURALEE TO IL ROUTE 13/157" TOTAL</b>			111	99	533
<b>NORTH 89TH STREET (NORTH OF STATE STREET)</b>					
0+58	15	20			33.3
1+86	15	18			30.0
3+82, LT.	6	15	10.0		
3+82, RT.	6	15	10.0		
7+77	6	12	8.0		
7+81	15	12		20.0	
9+09, LT.	6	12	8.0		
9+09, RT.	6	12	8.0		
9+67, LT.	6	12	8.0		
9+67, RT.	6	12	8.0		
10+29, LT.	6	12	8.0		
10+29, RT.	6	12	8.0		
11+63, LT.	6	12	8.0		
11+63, RT.	6	12	8.0		
12+03, LT.	6	12	8.0		
12+03, RT.	6	12	8.0		
13+56, LT.	6	12	8.0		
13+56, RT.	6	12	8.0		
16+86, LT.	6	12	8.0		
16+86, RT.	6	12	8.0		
18+17, LT.	6	12	8.0		
18+17, RT.	6	12	8.0		
19+40	6	12	8.0		
22+21	80	11			97.8
35+20, LT.	6	12	8.0		
35+20, RT.	6	12	8.0		
36+46, LT.	6	12	8.0		
36+46, RT.	6	12	8.0		
39+63, LT.	6	12	8.0		
39+63, RT.	6	12	8.0		
<b>"NORTH OF STATE STREET" SUBTOTAL</b>			212.0	20.0	161.1
<b>ANTICIPATED FAILURES (15%)</b>			31.8	3.0	24.2
<b>"NORTH OF STATE STREET" TOTAL</b>			244	23	186
<b>NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)</b>					
9+14	6	10	6.7		
11+15, LT.	6	10	6.7		
11+15, RT.	6	10	6.7		
13+01	6	10	6.7		
<b>"NORTH OF ST. CLAIR AVENUE" SUBTOTAL</b>			26.7		
<b>ANTICIPATED FAILURES (15%)</b>			4.0		
<b>"NORTH OF ST. CLAIR AVENUE" TOTAL</b>			31		
<b>13TH STREET</b>					
1+07	40	9			40.0
1+96, LT.	6	18		12.0	
1+96, RT.	6	18		12.0	
<b>13TH STREET SUBTOTAL</b>				24.0	40.0
<b>ANTICIPATED FAILURES (15%)</b>				3.6	6.0
<b>13TH STREET TOTAL</b>				28	46
<b>TOTAL</b>			386	150	765

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

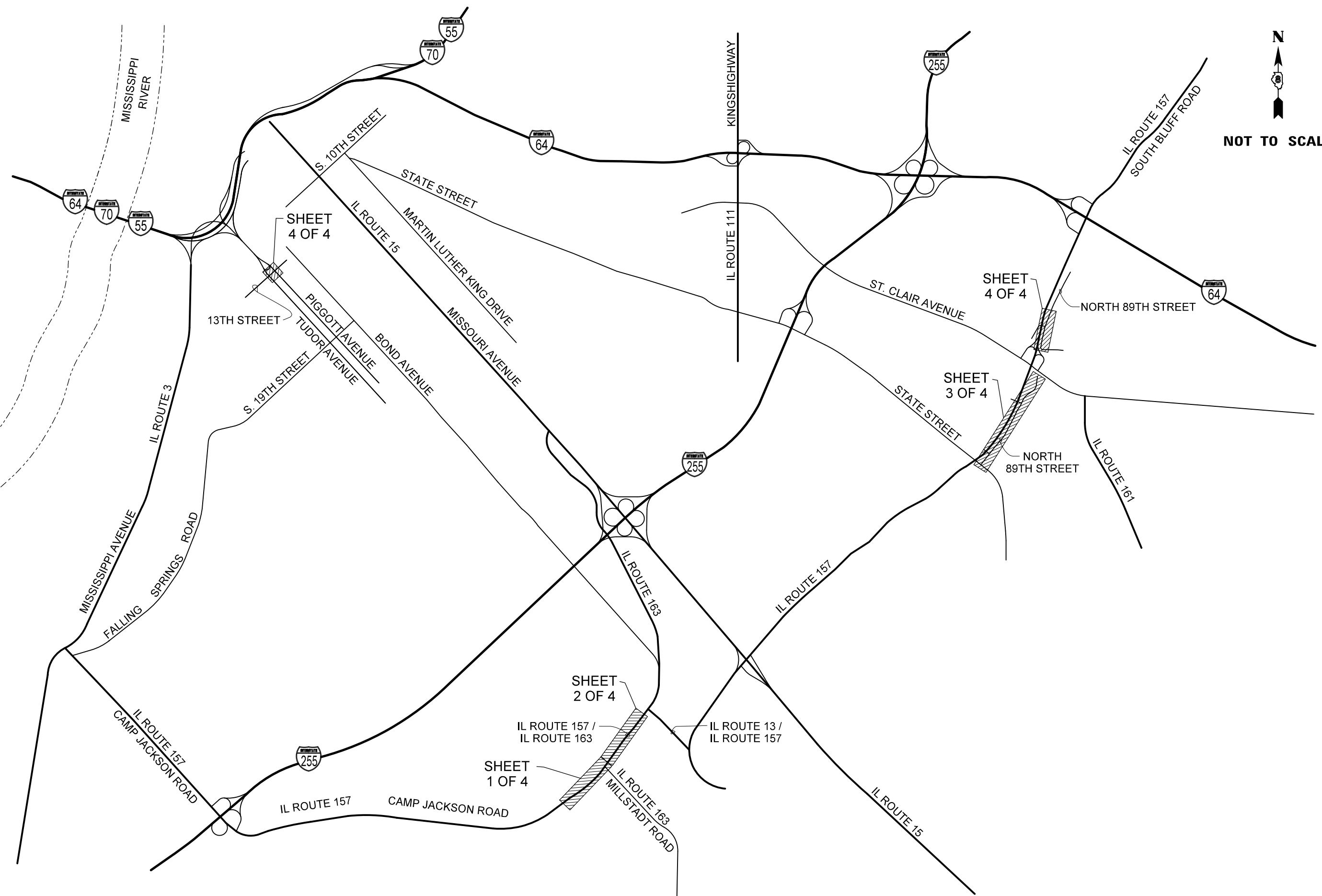
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			VAR. * ST. CLAIR	19 10
			* DIST 8 RESURFACING 2014-5 CONTRACT NO. 76H23	
			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT	



NOT TO SCALE



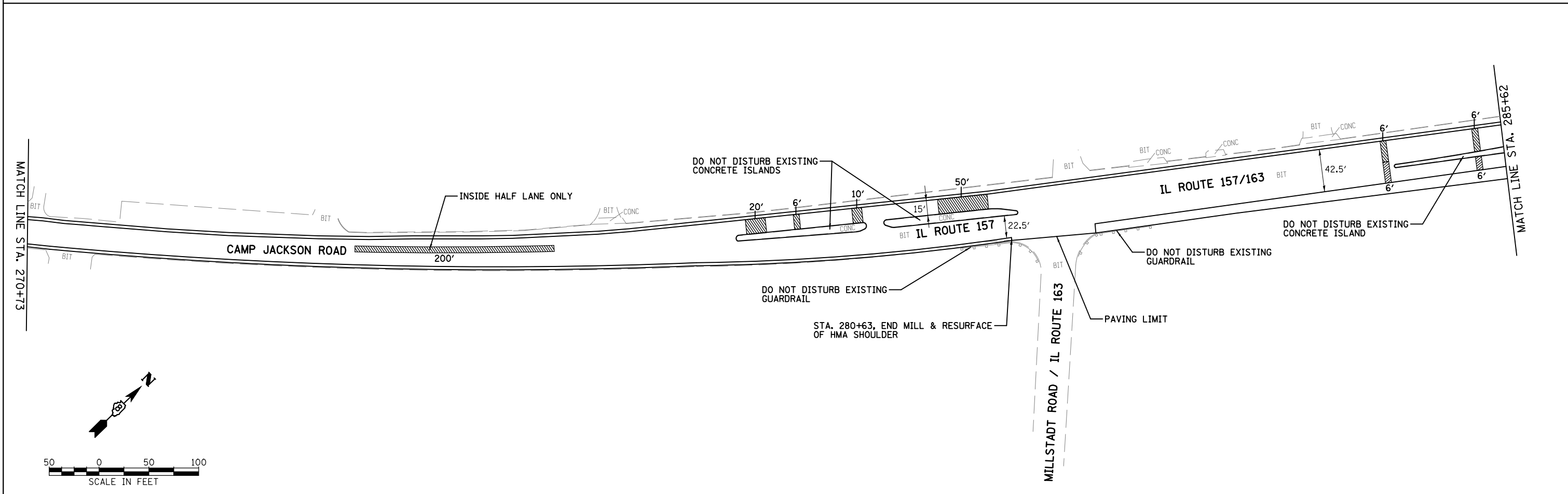
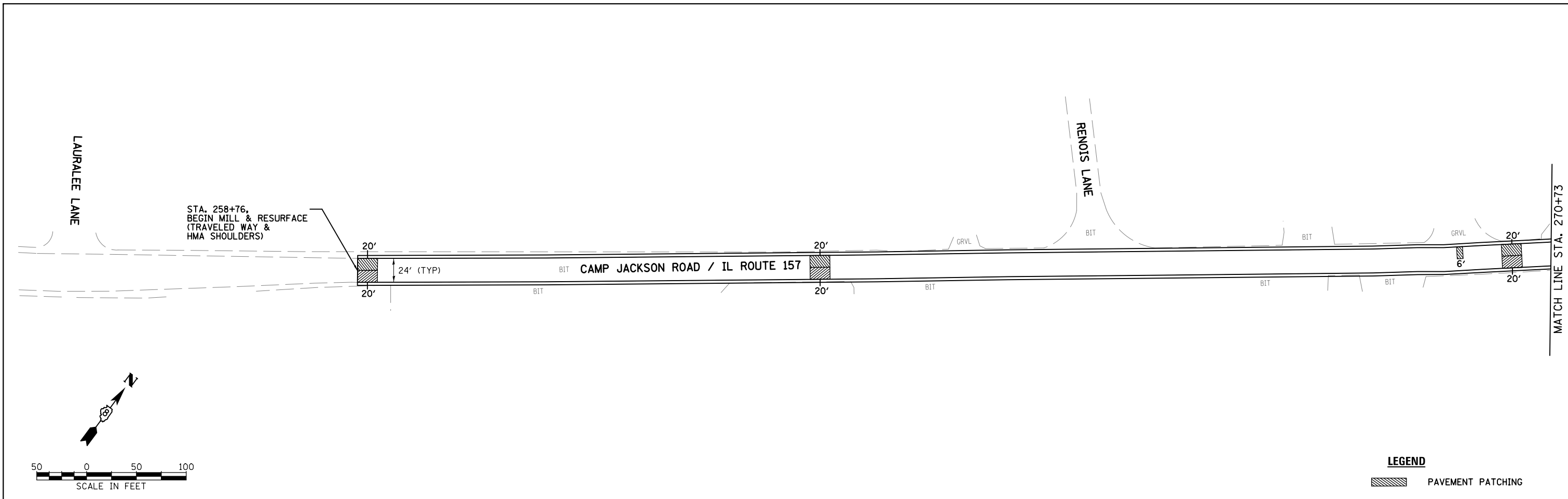
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN KEYMAP			
SCALE: NONE	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	ST. CLAIR	19	11
* DIST 8 RESURFACING 2014-5		CONTRACT NO. 76H23		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



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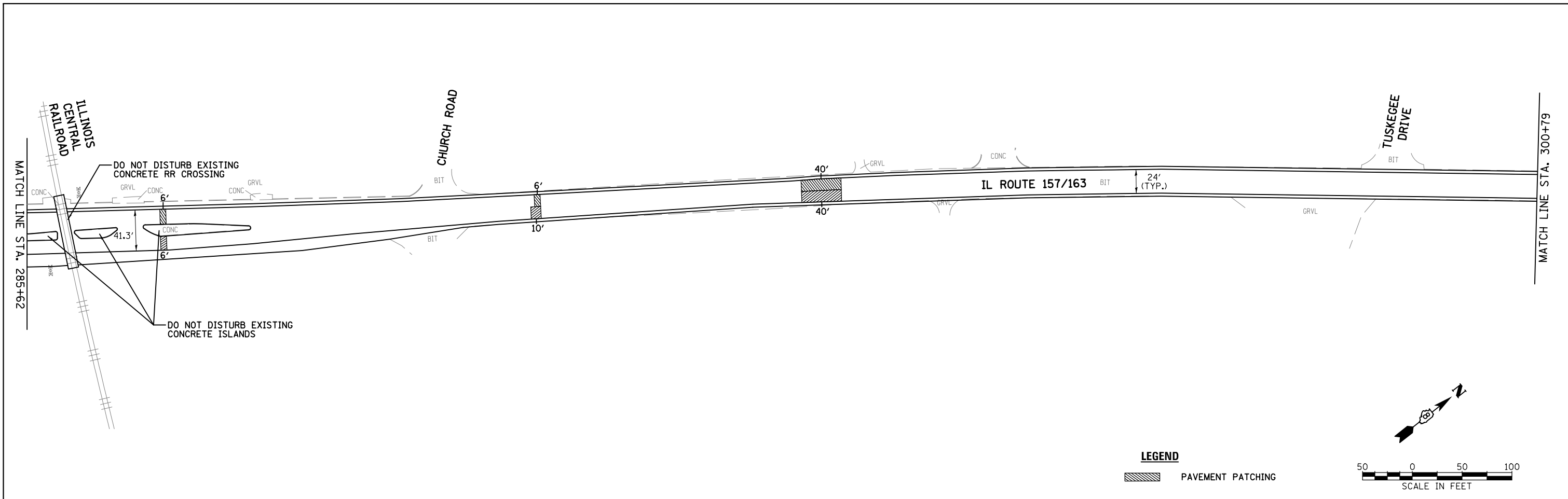
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN - CAMP JACKSON ROAD/IL ROUTE 157  
 (LAURALEE TO IL ROUTE 13/157 - SHEET 1 OF 2)**

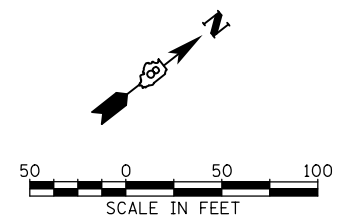
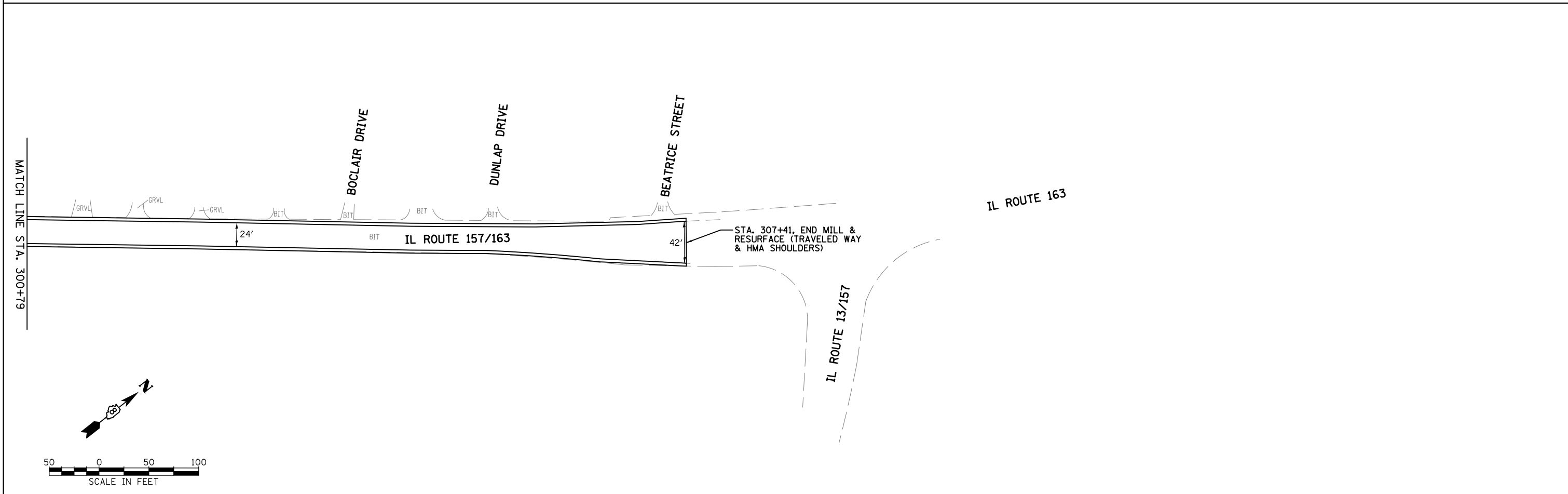
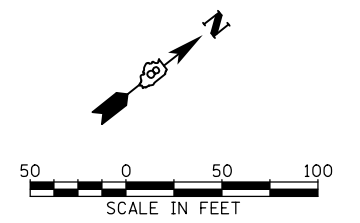
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F.A.I. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		ST. CLAIR	19	12
• DIST 8 RESURFACING 2014-5		CONTRACT NO. 76H23		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



**LEGEND**

 PAVEMENT PATCHING



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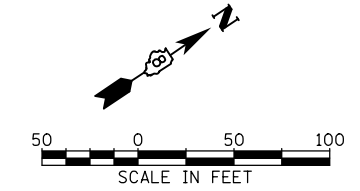
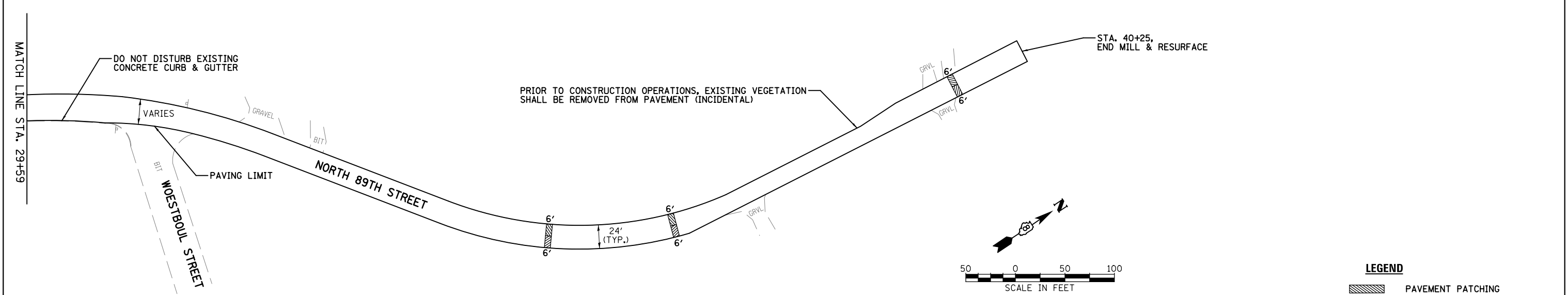
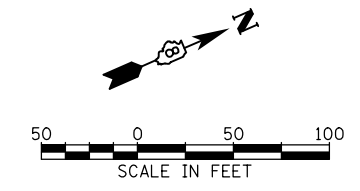
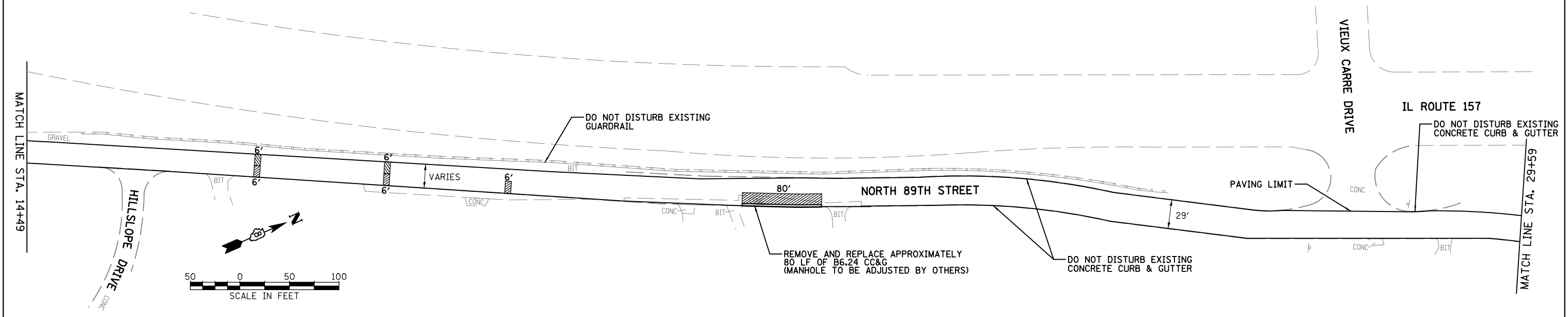
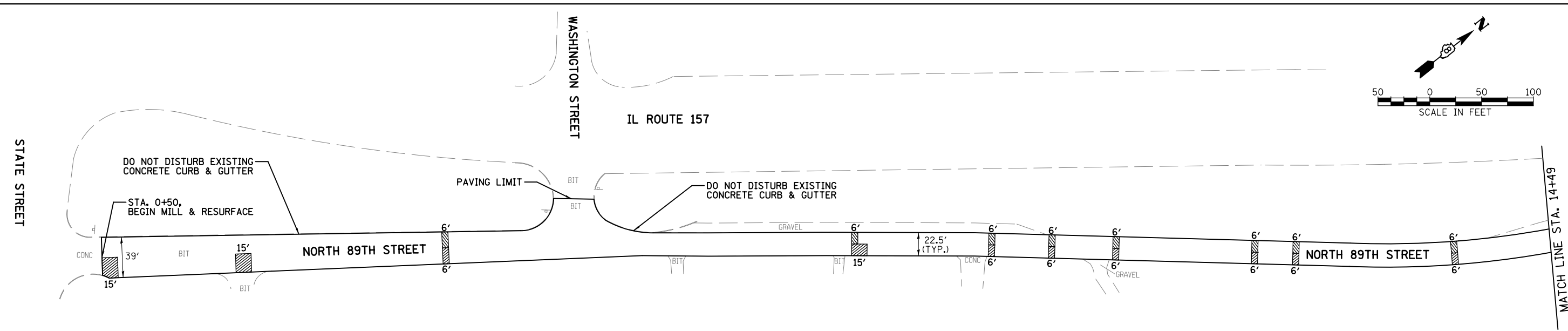
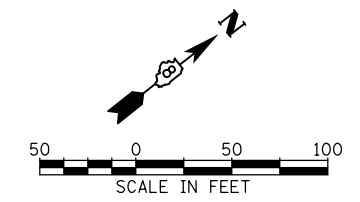
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN - CAMP JACKSON ROAD/IL ROUTE 157  
 (LAURALEE TO IL ROUTE 13/157 - SHEET 2 OF 2)**

SCALE: 1"=50' SHEET NO. 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	ST. CLAIR	19	13
* DIST 8 RESURFACING 2014-5		CONTRACT NO. 76H23		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



**LEGEND**  
 PAVEMENT PATCHING

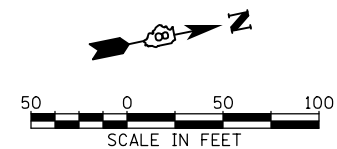
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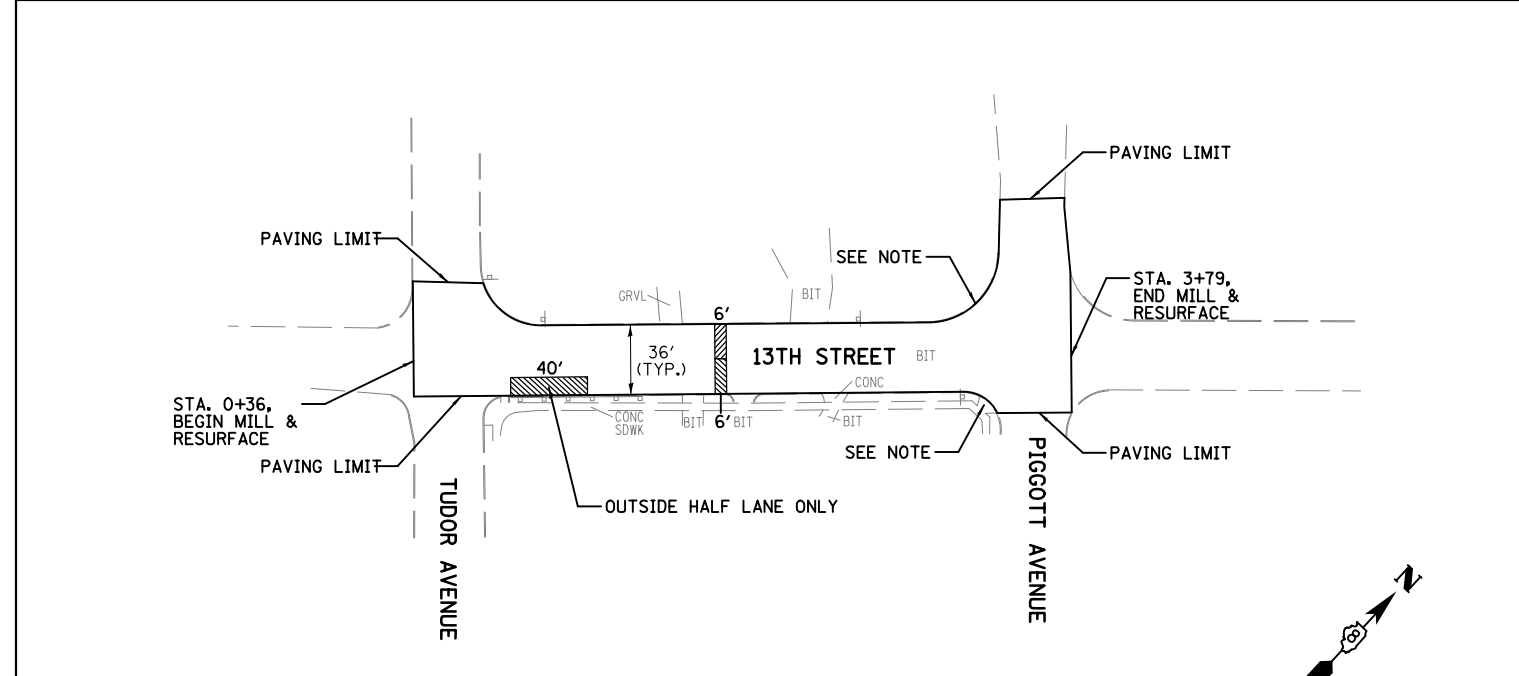
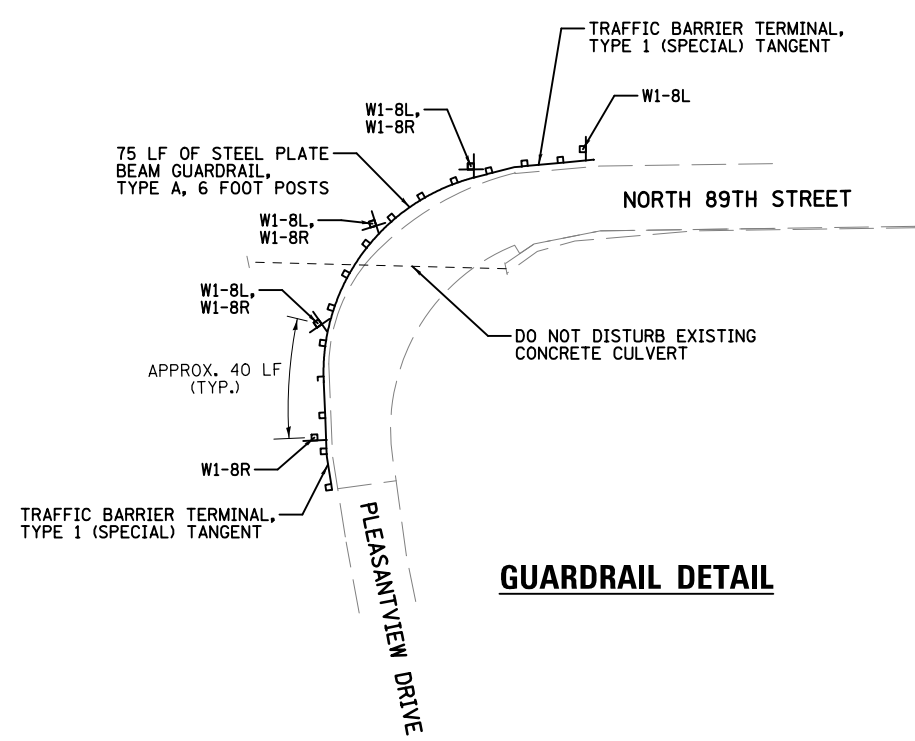
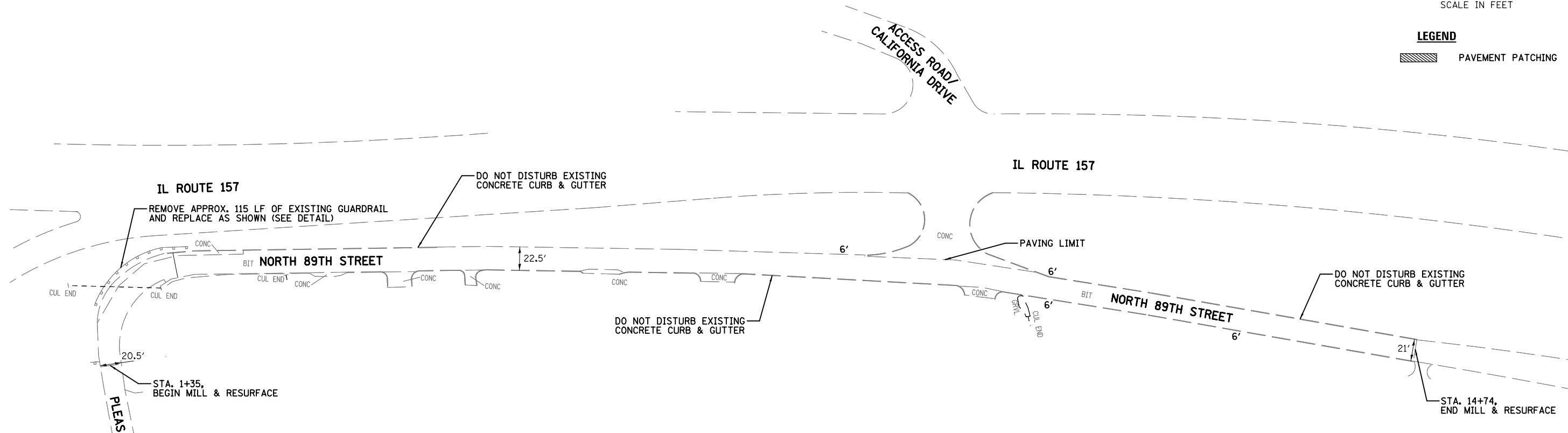
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN - NORTH 89TH STREET  
 (NORTH OF STATE STREET)**  
 SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. VAR.	SECTION *	COUNTY ST. CLAIR	TOTAL SHEETS 19	SHEET NO. 14
* DIST 8 RESURFACING 2014-5		CONTRACT NO. 76H23		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

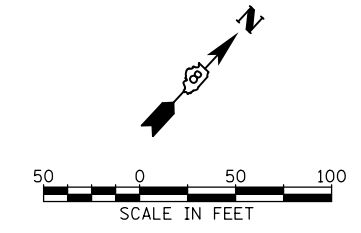


**LEGEND**  
 PAVEMENT PATCHING



NOTE:  
 REMOVE EXISTING SIDEWALK PAVEMENT NECESSARY TO CONSTRUCT NEW DIAGONAL CURB RAMP PER STANDARD 424006-01. NEW CURB RAMP SHALL CONSIST OF 6-INCH PORTLAND CEMENT CONCRETE SIDEWALK PAVEMENT.

**LEGEND**  
 PAVEMENT PATCHING



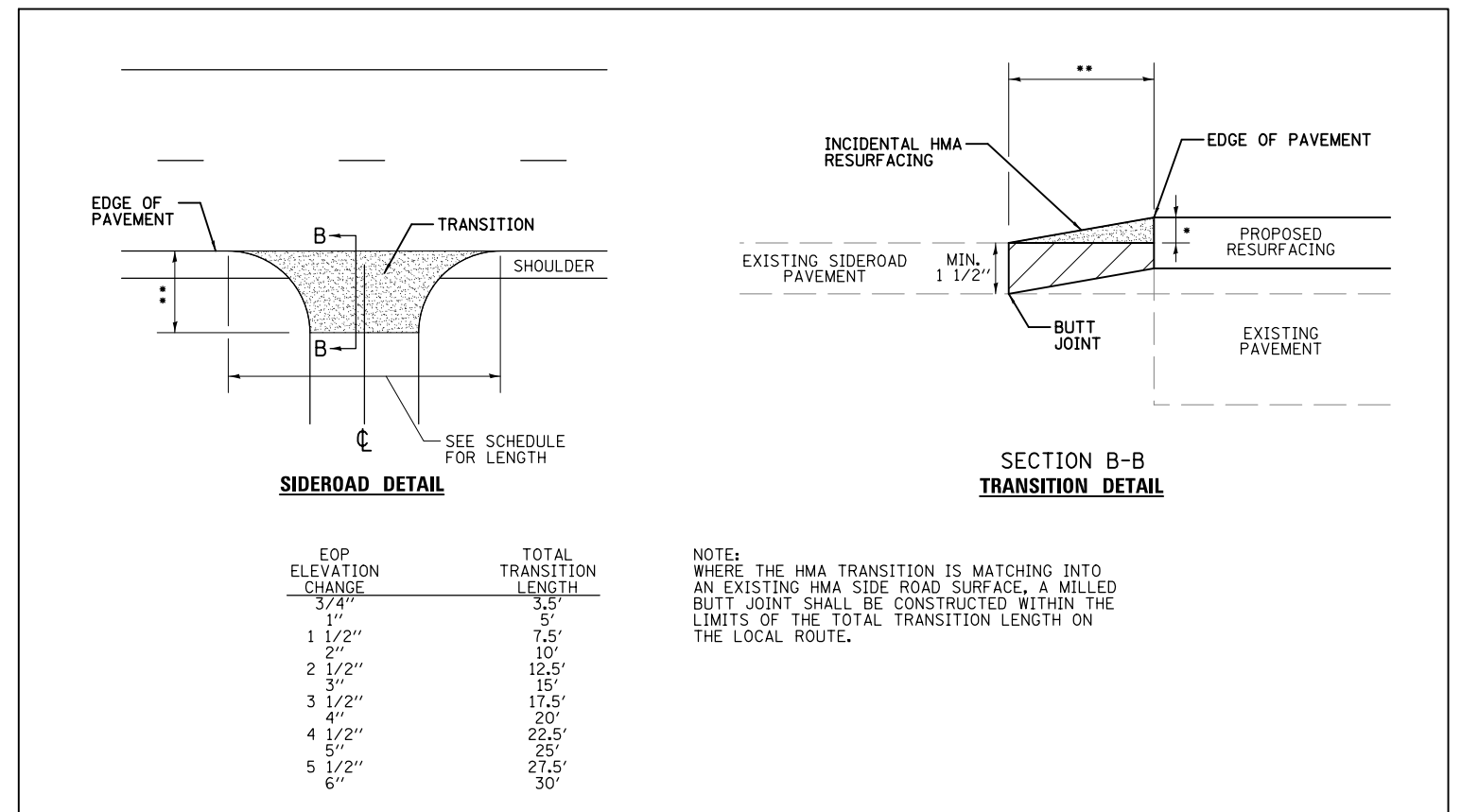
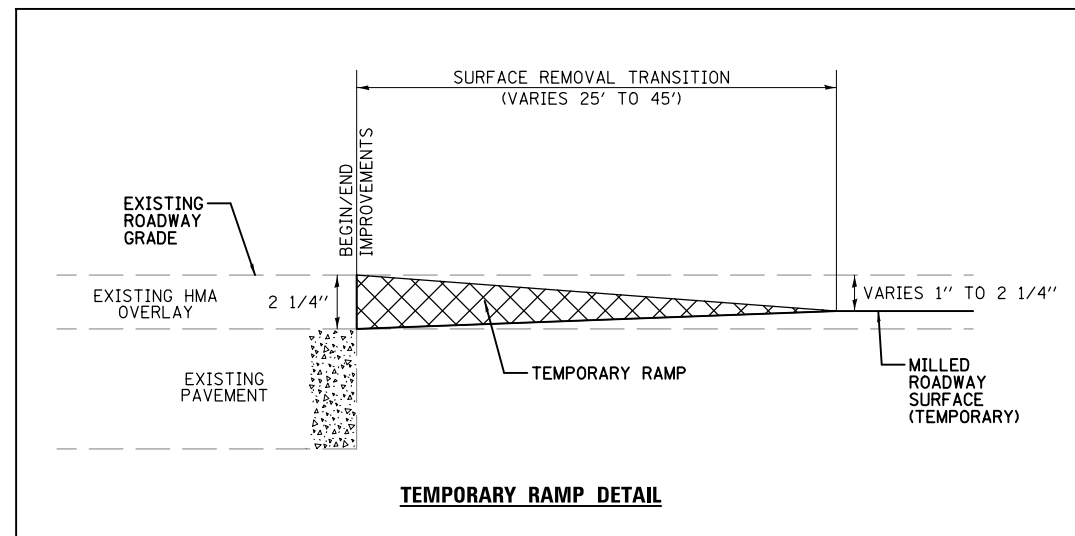
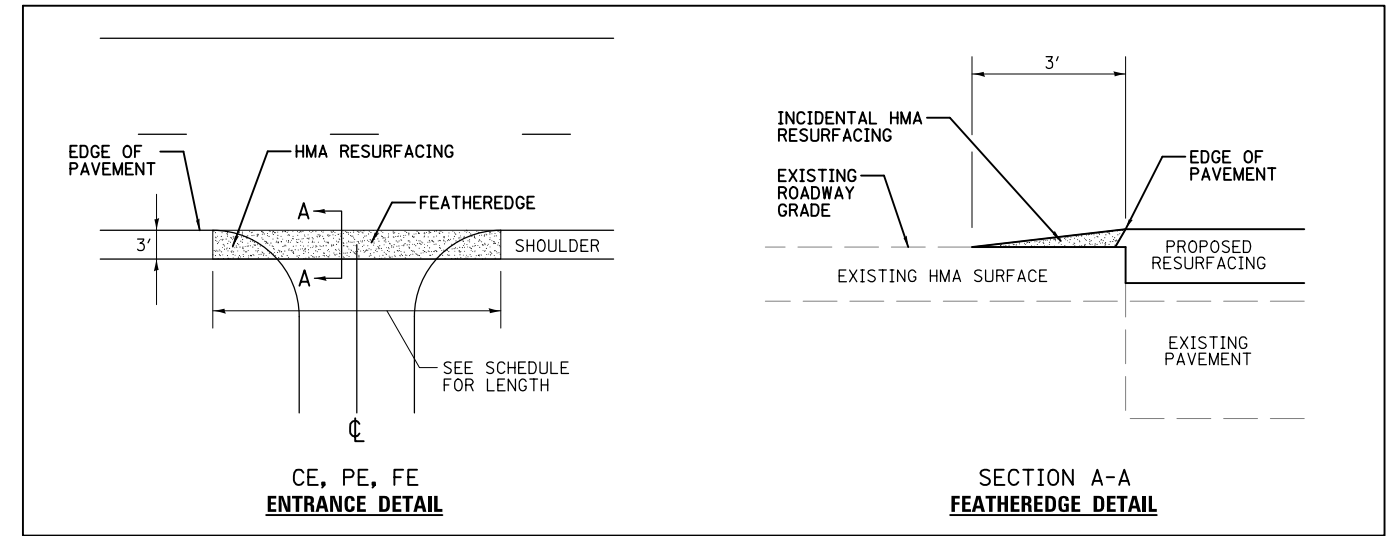
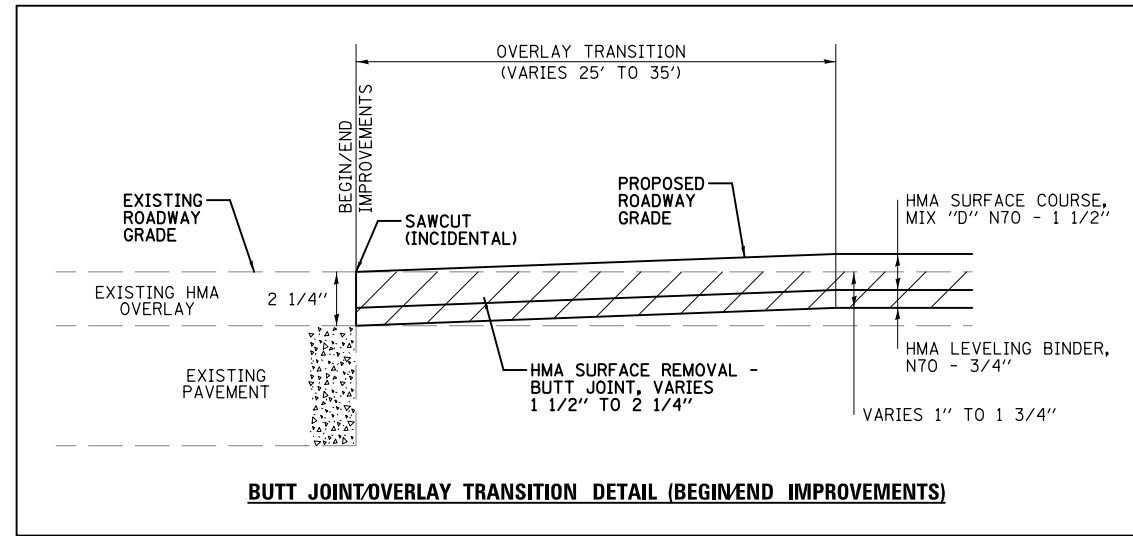
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>ROADWAY PLAN -        NORTH 89TH STREET (NORTH OF ST. CLAIR AVENUE)        &amp; 13TH STREET</b>	
SCALE: 1"=50'	SHEET NO. 4 OF 4 SHEETS
STA. _____	TO STA. _____

F.A.I. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	ST. CLAIR	19	15
* DIST 8 RESURFACING 2014-5		CONTRACT NO. 76H23		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



EOP ELEVATION CHANGE	TOTAL TRANSITION LENGTH
3/4"	3.5'
1"	5'
1 1/2"	7.5'
2"	10'
2 1/2"	12.5'
3"	15'
3 1/2"	17.5'
4"	20'
4 1/2"	22.5'
5"	25'
5 1/2"	27.5'
6"	30'

NOTE:  
WHERE THE HMA TRANSITION IS MATCHING INTO AN EXISTING HMA SIDE ROAD SURFACE, A MILLED BUTT JOINT SHALL BE CONSTRUCTED WITHIN THE LIMITS OF THE TOTAL TRANSITION LENGTH ON THE LOCAL ROUTE.

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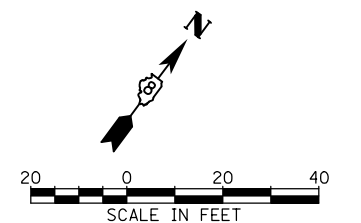
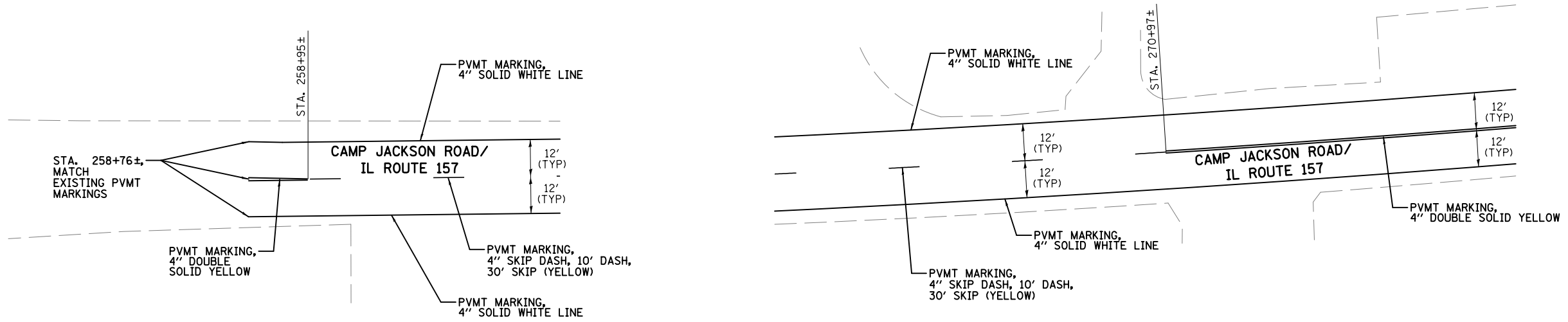
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL DETAILS

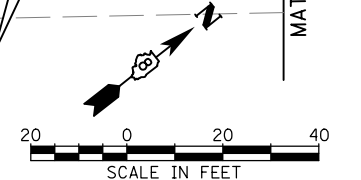
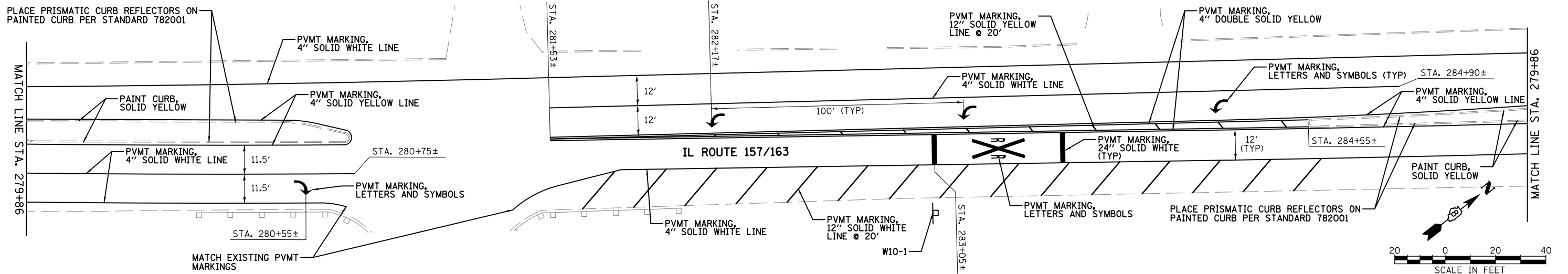
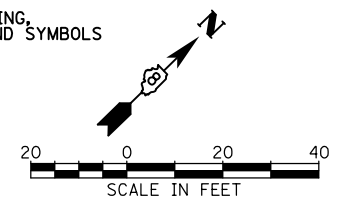
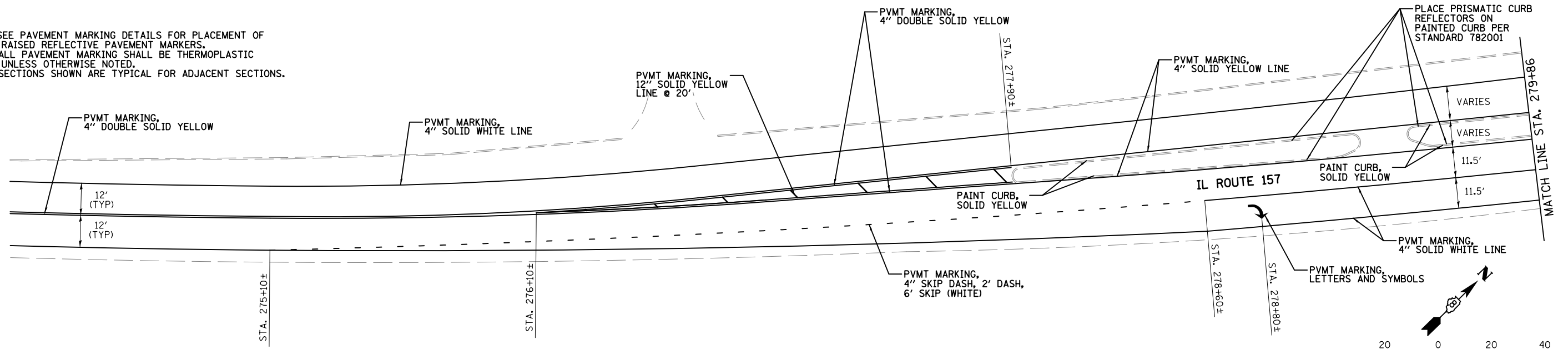
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F.A.I. RTE. VAR.	SECTION *	COUNTY ST. CLAIR	TOTAL SHEETS 19	SHEET NO. 16
* DIST 8 RESURFACING 2014-5		CONTRACT NO. 76H23		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				





- NOTES:
1. SEE PAVEMENT MARKING DETAILS FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS.
  2. ALL PAVEMENT MARKING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
  3. SECTIONS SHOWN ARE TYPICAL FOR ADJACENT SECTIONS.



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

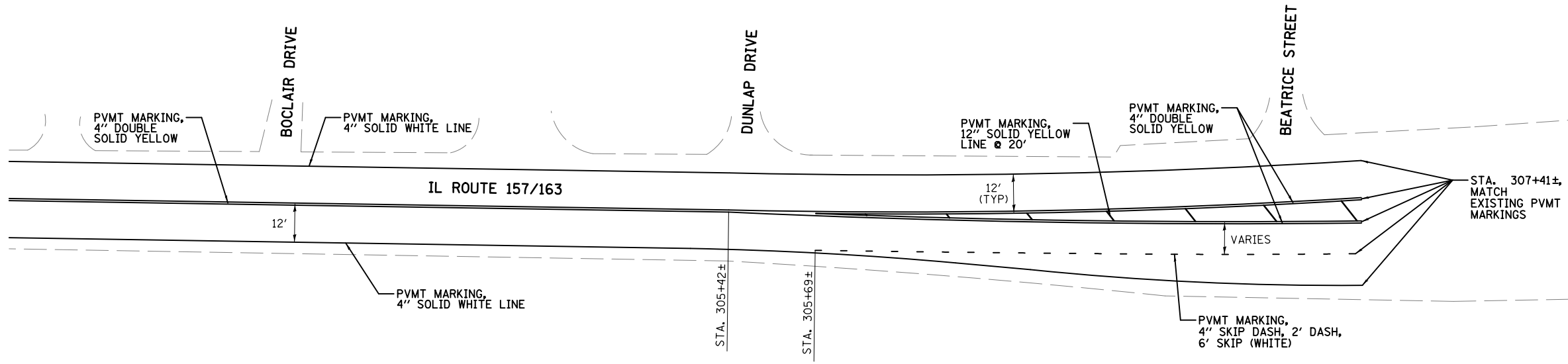
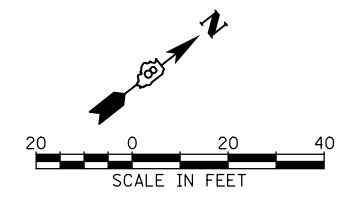
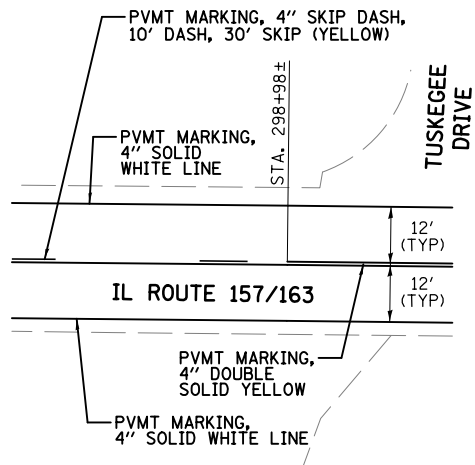
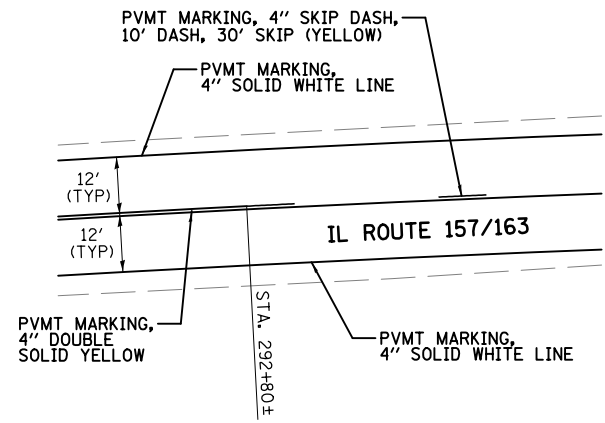
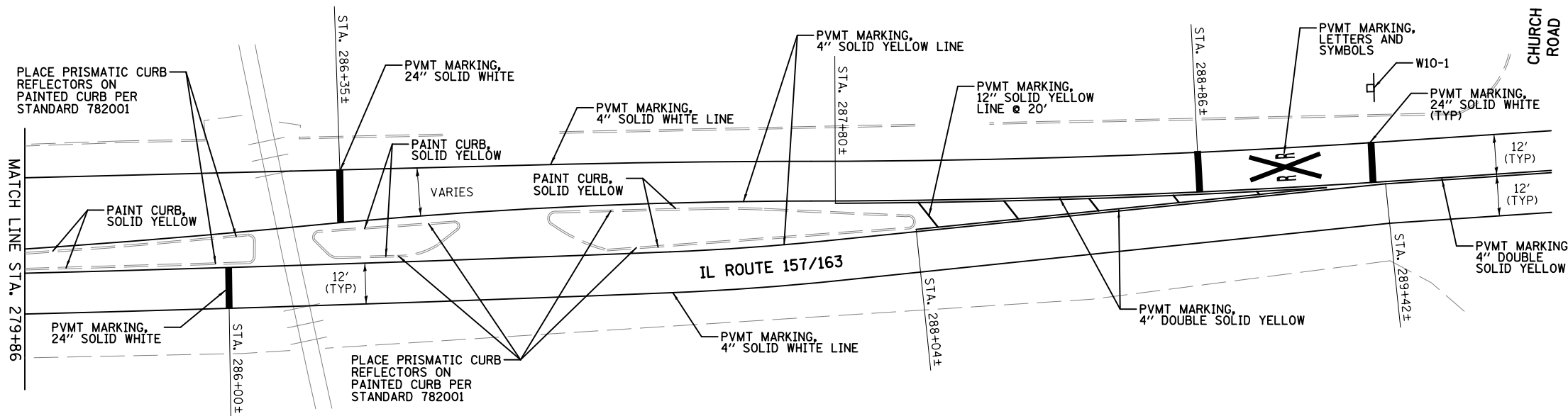
**PAVEMENT MARKING PLAN – CAMP JACKSON ROAD/IL ROUTE 157  
(LAURALEE TO IL ROUTE 13/157 – SHEET 1 OF 2)**

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MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 40.000' / 1"	CHECKED -	REVISED -
PLOT DATE = 4/11/2014	DATE - 4/10/14	REVISED -

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	ST. CLAIR	19	17
* DIST 8 RESURFACING 2014-5		CONTRACT NO. 76H23		
FED. ROAD DIST. NO. 8   ILLINOIS FED. AID PROJECT				



- NOTES:
- SEE PAVEMENT MARKING DETAILS FOR PLACEMENT OF RAISED REFLECTIVE PAVEMENT MARKERS.
  - ALL PAVEMENT MARKING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
  - SECTIONS SHOWN ARE TYPICAL FOR ADJACENT SECTIONS.

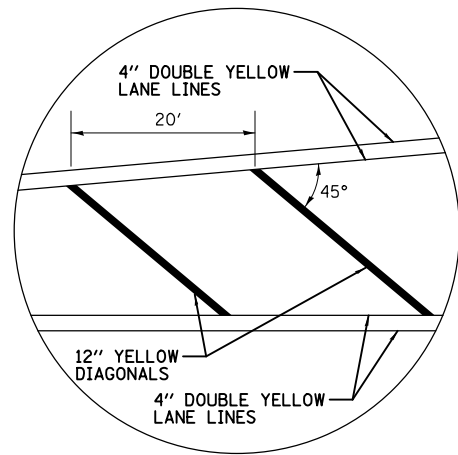
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 PLOT DATE = 4/11/2014

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE - 4/10/14	REVISED -

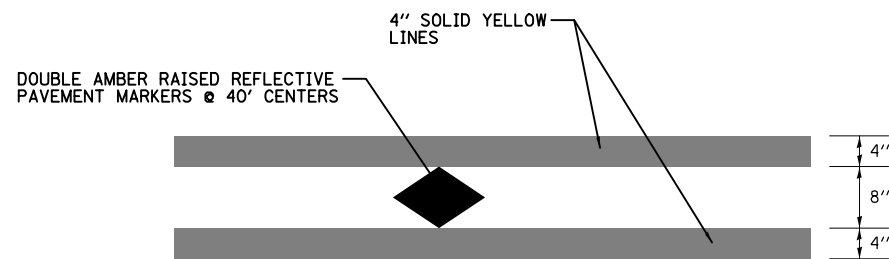
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN - CAMP JACKSON ROAD/IL ROUTE 157  
 (LAURALEE TO IL ROUTE 13/157 - SHEET 2 OF 2)  
 SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

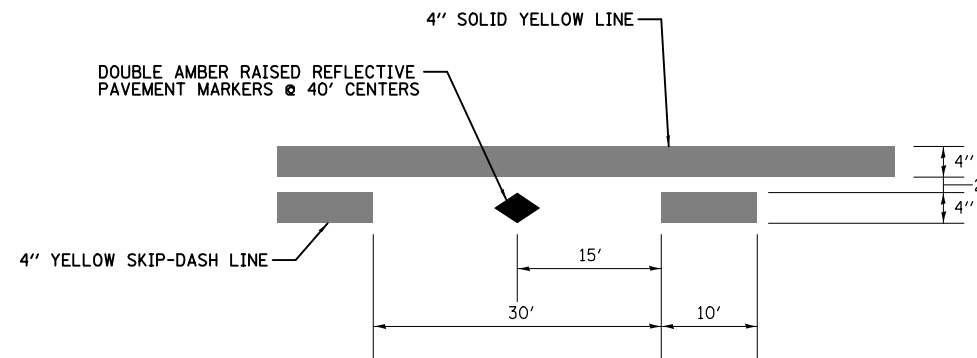
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	*	ST. CLAIR	19	18
* DIST 8 RESURFACING 2014-5		CONTRACT NO. 76H23		
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



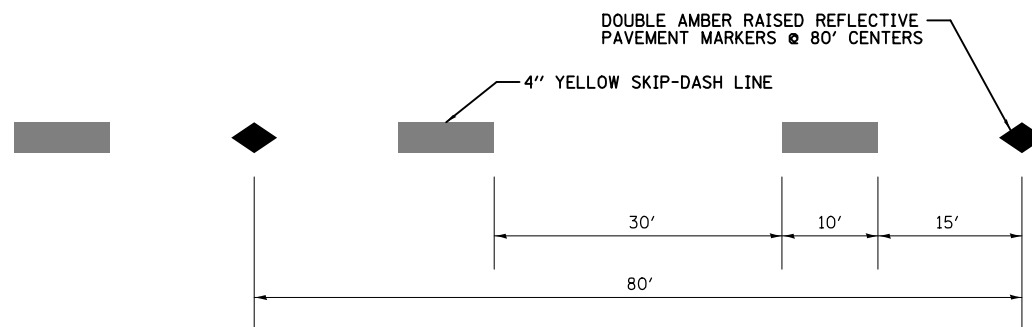
**TYPICAL APPLICATION  
FOR MEDIAN STRIPING**  
NOT TO SCALE



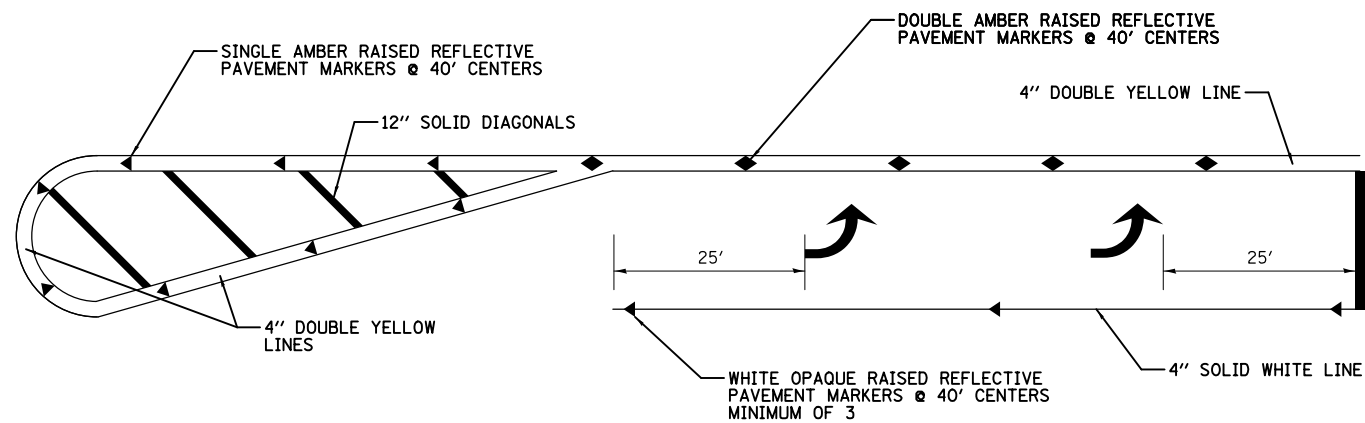
**TYPICAL APPLICATION FOR DOUBLE YELLOW LANE LINES  
WITH RAISED REFLECTIVE PAVEMENT MARKERS**



**TYPICAL APPLICATION FOR SOLID YELLOW AND SKIP-DASH LINES  
WITH RAISED REFLECTIVE PAVEMENT MARKERS**



**TYPICAL APPLICATION FOR SKIP-DASH LINES  
WITH RAISED REFLECTIVE PAVEMENT MARKERS**



**TYPICAL APPLICATION FOR LEFT TURN LANE  
WITH RAISED REFLECTIVE PAVEMENT MARKERS**  
NOT TO SCALE

4/11/2014  
76H23-sht-MRK DETAIL.dgn  
9:28:32 AM

USER NAME = mmcklin	DESIGNED -	REVISED -
MODEL NAME = Default	DRAWN -	REVISED -
PLOT SCALE = 100.000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/11/2014	DATE - 4/10/14	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	VARIOUS	ST. CLAIR	19	19
CONTRACT NO. 76H23				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				