

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

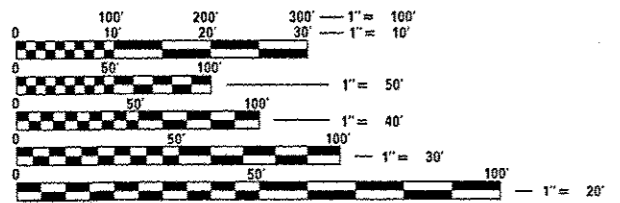
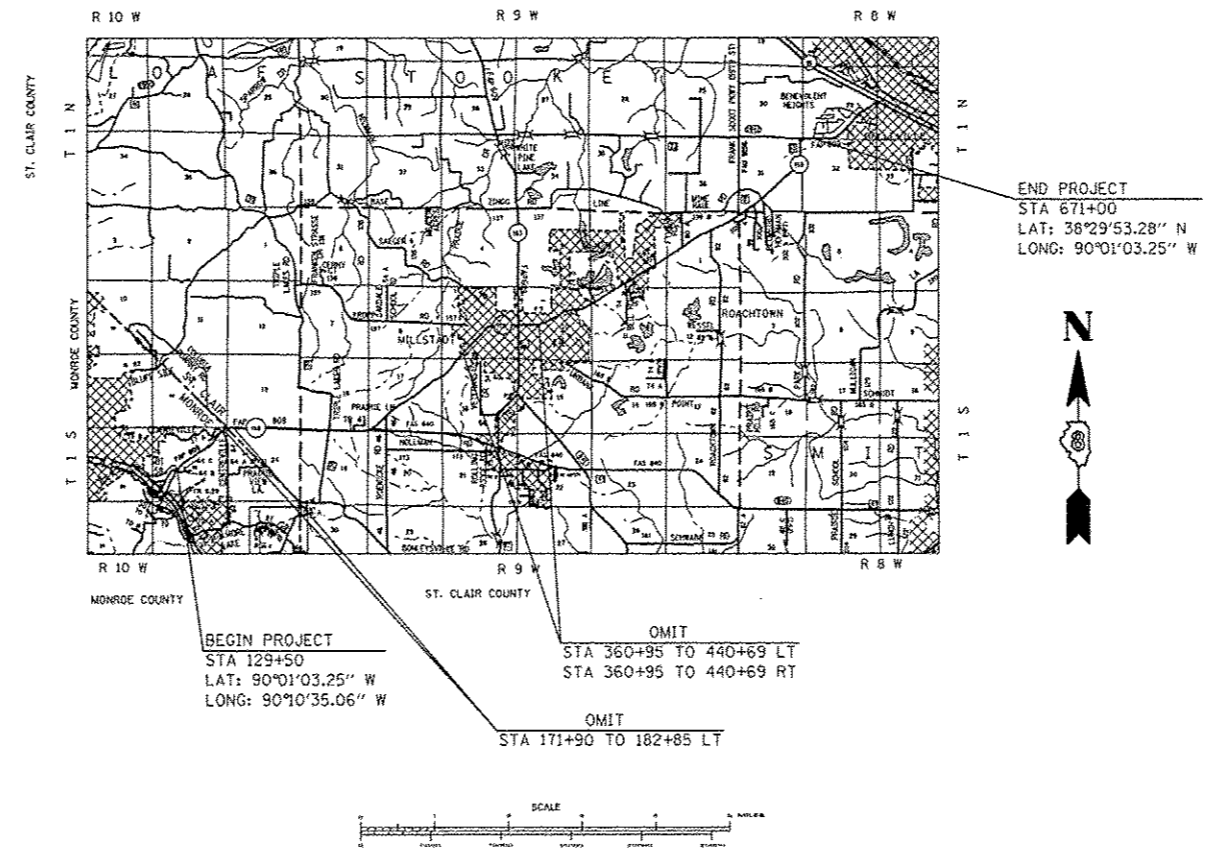
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	(133, 134, 135)-1	•	6	1
• ST. CLAIR AND MONROE ILLINOIS			CONTRACT NO. 76H78	

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES, TRAFFIC DATA, HIGHWAY STANDARDS AND COMMITMENTS
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	PROJECT LOCATION MAP AND SCHEDULE
6	DETAILS

FAP ROUTE 809 (IL 158)
SECTION (133, 134, 135)-1
PROJECT ACHSIP - 0809 (006)
FROM COLUMBIA TO BELLEVILLE
RUMBLE STRIP INSTALLATION
ST. CLAIR AND MONROE COUNTY

C-98-030-15



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

PROJECT ENGINEER: TIM PADGETT (618) 346-3325
 PROJECT MANAGER: PHIL COPPERNOLL (618) 346-3480

GROSS LENGTH = 54,150.00 FT. = 10.256 MILE
 NET LENGTH = 46,176 FT. = 8.745 MILE

CONTRACT NO. 76H78

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED March 20 20 15

Deputy Director of Highways, Region Engineer
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 8 20 15
Engineer of Design and Environment
 ENGINEER OF DESIGN AND ENVIRONMENT

May 8 20 15
Director of Highways, Chief Engineer
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS**

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
	X	X
• AT&T ILLINOIS - COMMUNICATIONS	X	X
• CHARTER COMMUNICATIONS, INC. - CABLE TV	X	X
• CITY OF COLUMBIA - WATER & SANITARY SEWER		X
• FRONTIER NORTH, INC. - COMMUNICATIONS	X	X
• HARRISONVILLE TELEPHONE COMPANY - COMMUNICATIONS	X	X
• ILLINOIS AMERICAN WATER COMPANY - WATER		X
• VILLAGE OF MILLSTADT- WATER & SANITARY SEWER		X
• MONROE COUNTY ELECTRIC CO-OPERATIVE, INC.- ELECTRIC	X	X
• ST. CLAIR TOWNSHIP - SANITARY SEWER		X

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800)-892-0123 OR 811 AND ARE INDICATED BY * . NON-MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

3. 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 WORK FORCE 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 COURSE WORK CARPENTRY, CONCRETE FLAT WORK, 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 WORK FORCE AND TRAINEE GOALS.
4. THE CONTRACTOR SHALL EXERCISE CAUTION AROUND EXISTING PAVEMENT MARKINGS. ANY DAMAGE SHALL BE REPLACED IN KIND AT CONTRACTORS EXPENSE.
5. ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
6. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
7. THE 12' GAP SHOWN IN HIGHWAY STANDARD 642006 WILL BE INCLUDED IN THE MEASUREMENT OF PAYMENT FOR SHOULDER RUMBLE STRIPS

HIGHWAY STANDARDS

000001-06
001006
642006
701301-04
701306-03
701311-03
701901-04

COMMITMENTS

NONE

TRAFFIC DATA

<p>CAMPBELL LN TO DOUGLAS RD 2013 ADT= 8,650 (ACTUAL) 2015 ADT= 8,900 (ESTIMATED) 2035 ADT= 11,200 (ESTIMATED) SU= 3.8% MU= 2.0%</p>	<p>DOUGLAS RD TO W WASHINGTON ST 2013 ADT= 6,500 (ACTUAL) 2015 ADT= 6,650 (ESTIMATED) 2035 ADT= 8,500 (ESTIMATED) SU= 3.8% MU= 2.0%</p>
<p>W WASHINGTON ST TO IL 163 2013 ADT= 9,400 (ACTUAL) 2015 ADT= 9,700 (ESTIMATED) 2035 ADT= 12,400 (ESTIMATED) SU= 2.0% MU=0.7%</p>	<p>IL 163 TO FRANK SCOTT PKWY 2013 ADT= 9,950 (ACTUAL) 2015 ADT= 10,200 (ESTIMATED) 2035 ADT= 12,900 (ESTIMATED) SU= 2.2% MU=0.7%</p>
<p>FRANK SCOTT PKWY TO CONCORDIA CHURCH RD 2013 ADT= 4,700 (ACTUAL) 2015 ADT= 4,800 (ESTIMATED) 2035 ADT= 6,100 (ESTIMATED) SU= 7.7% MU= 1.9%</p>	<p>CONCORDIA CHURCH RD TO AARON DR 2013 ADT= 6,300 (ACTUAL) 2015 ADT= 6,450 (ESTIMATED) 2035 ADT= 8,200 (ESTIMATED) SU= 4.0% MU= 1.3%</p>

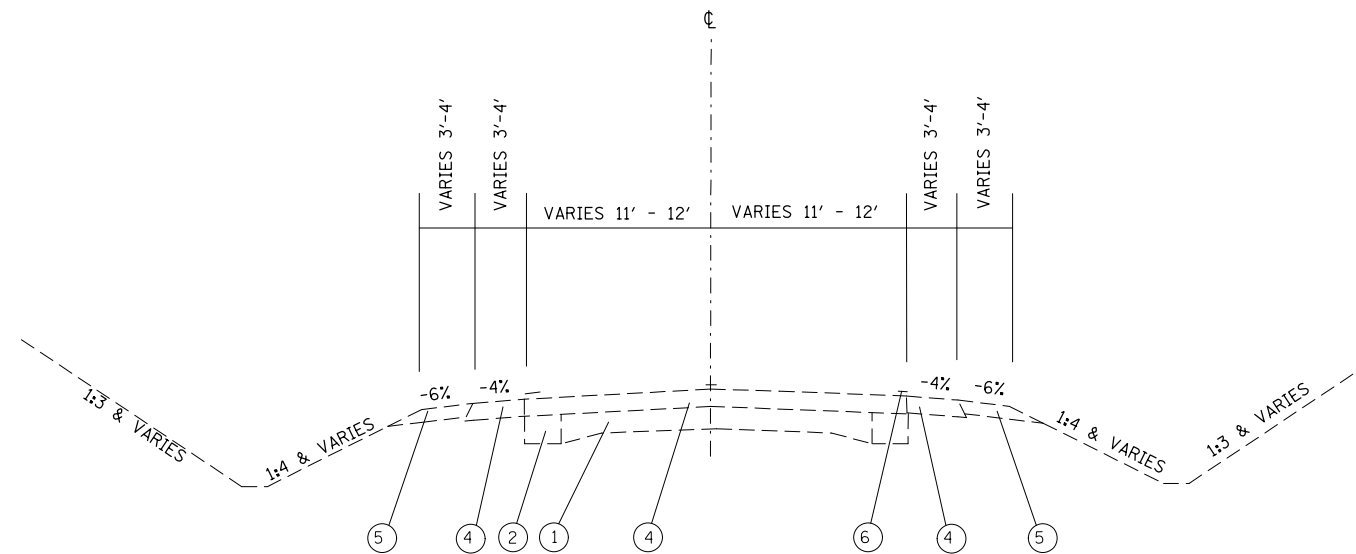
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PLOT SCALE = 100,0000' / 1" =		CHECKED -	REVISED -							
PLOT DATE = 3/28/2015		DATE -	REVISED -							
						SCALE:		SHEET NO. OF SHEETS STA. TO STA.		
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
						ST. CLAIR AND MONROE		CONTRACT NO. 76H78		

REV 08 2015

				90% FED / 10% STATE		
				CONSTRUCTION CODE		
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY	ROADWAY
				0021	0021	0021
				URBAN	URBAN	RURAL
				MONROE	ST. CLAIR	ST. CLAIR
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	86351	8686	11767	65898
67100100	MOBILIZATION	L SUM	1	0.1	0.1	0.8
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.1	0.1	0.8

72

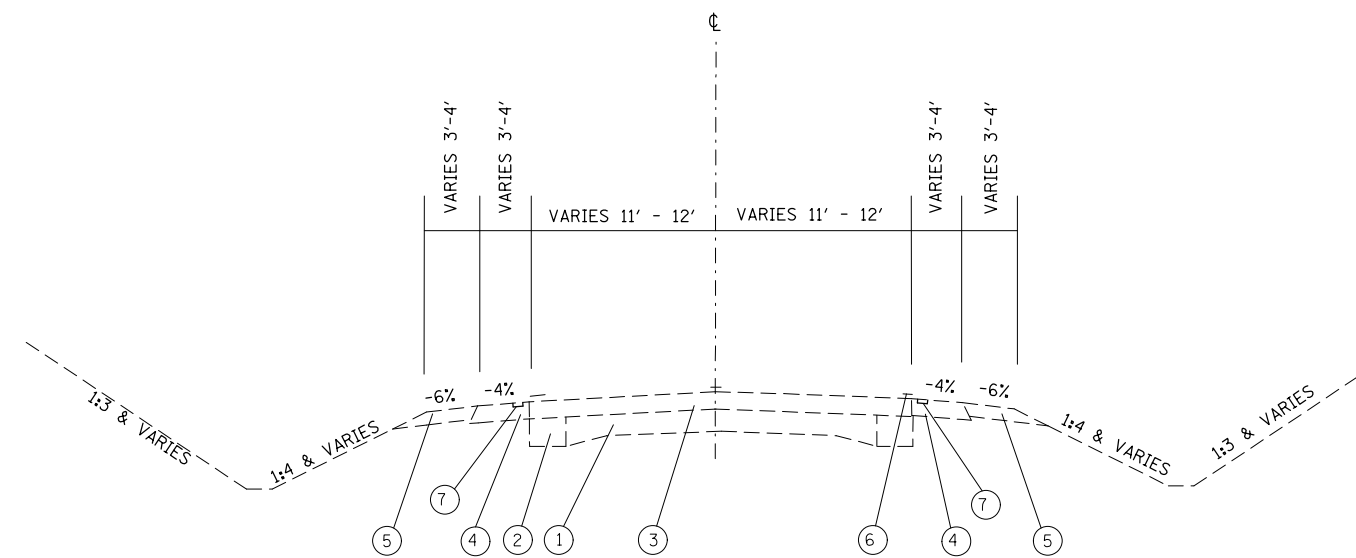
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PLOT DATE = 3/22/2015	DATE -	REVISED -	SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



EXISTING IL 158

STA 129+50 TO 360+95 STA 440+69 TO 671+00

- LEGEND**
- ① EXISTING PCC PAVEMENT
 - ② EXISTING PCC WIDENING
 - ③ EXISTING BITUMINOUS RESURFACING, 6 1/2" +/-
 - ④ EXISTING BITUMINOUS SHOULDER
 - ⑤ EXISTING AGGREGATE SHOULDERS
 - ⑥ EXISTING THERMOPLASTIC PAVEMENT MARKING
 - ⑦ PROPOSED 8" RUMBLE STRIPS-SEE HIGHWAY STANDARD FOR DETAILS



PROPOSED IL 158

STA 129+50 TO 360+95 STA 440+69 TO 671+00

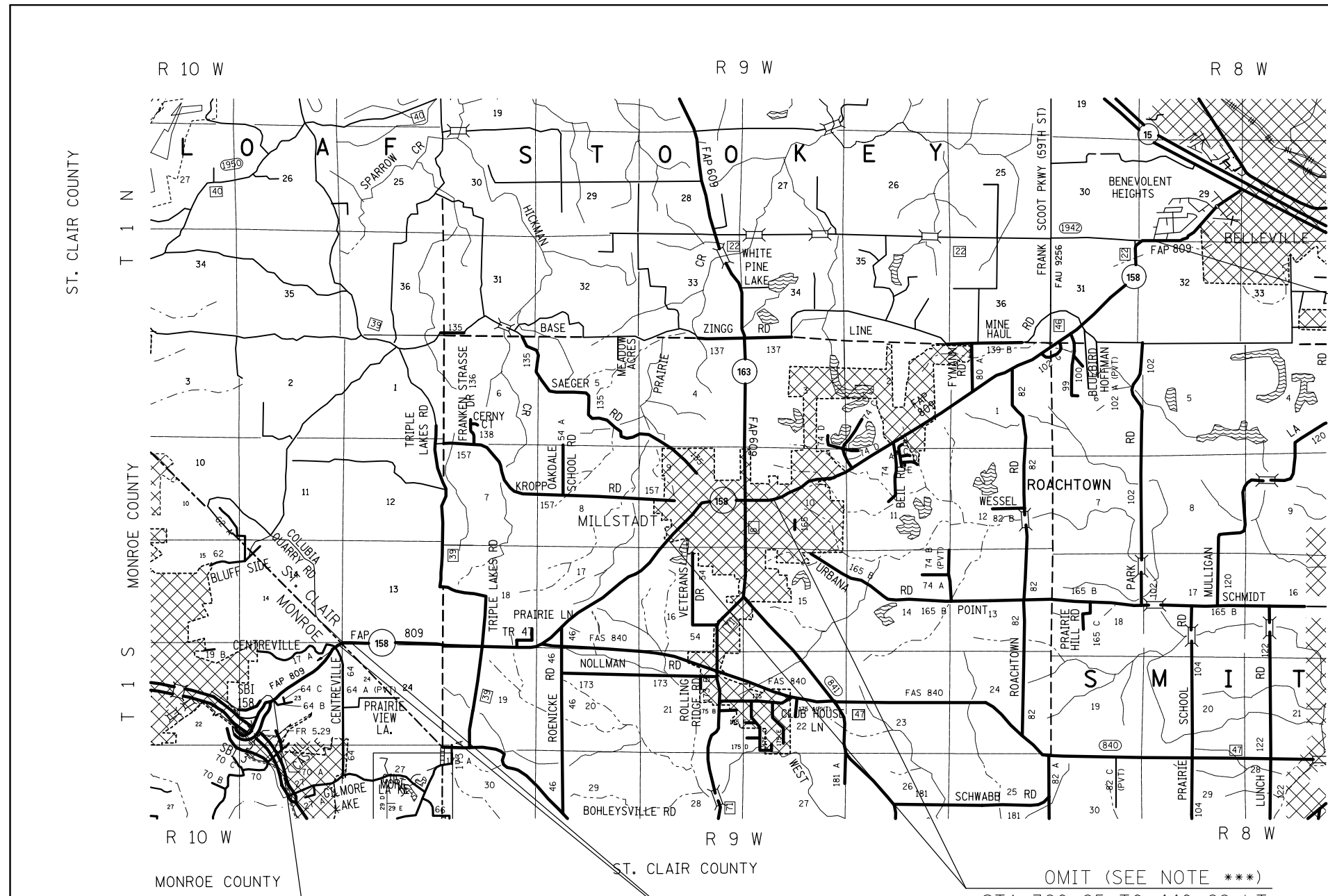
- LEGEND**
- ① EXISTING PCC PAVEMENT
 - ② EXISTING PCC WIDENING
 - ③ EXISTING BITUMINOUS RESURFACING, 6 1/2" +/-
 - ④ EXISTING BITUMINOUS SHOULDER
 - ⑤ EXISTING AGGREGATE SHOULDERS
 - ⑥ EXISTING THERMOPLASTIC PAVEMENT MARKING
 - ⑦ PROPOSED 8" RUMBLE STRIPS-SEE HIGHWAY STANDARD FOR DETAILS

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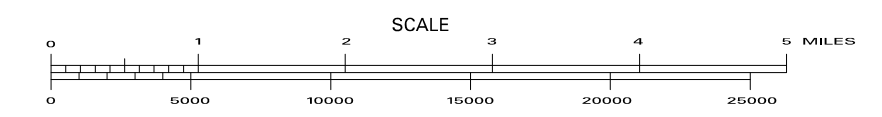
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	(133, 134, 135)-I	*	6	4
* ST CLAIR AND MONROE			CONTRACT NO. 76H78	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



END PROJECT (SEE NOTE *)
 STA 671+00
 LAT: 38°29'53.28" N
 LONG: 90°01'03.25" W



- * SEE SHEET 5 FOR DETAILS
- ** THE PROPOSED RUMBLE STRIPS WILL BE OMITTED FOR THE EXISTING 16" RUMBLE STRIPS
- *** THE PROPOSED RUMBLE STRIPS WILL BEGIN AT THE POSTED 35 MPH SPEED SIGN FOR THE EB TRAFFIC ENTERING MILLSTADT AND WILL END AT THE POSTED 35MPH SPEED SIGN FOR THE WB TRAFFIC ENTERING MILLSTADT

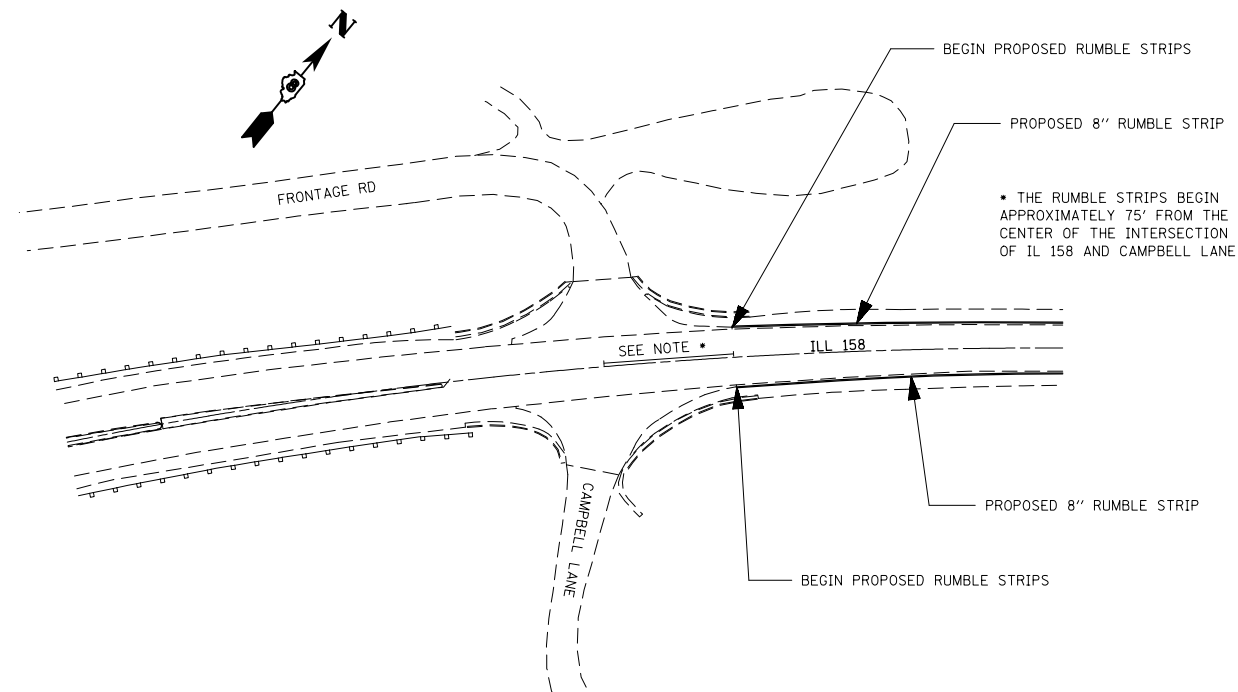
BEGIN PROJECT (SEE NOTE *)
 STA 129+50
 LAT: 90°01'03.25" W
 LONG: 90°10'35.06" W

OMIT (SEE NOTE ***)
 STA 360+95 TO 440+69 LT
 STA 360+95 TO 440+69 RT

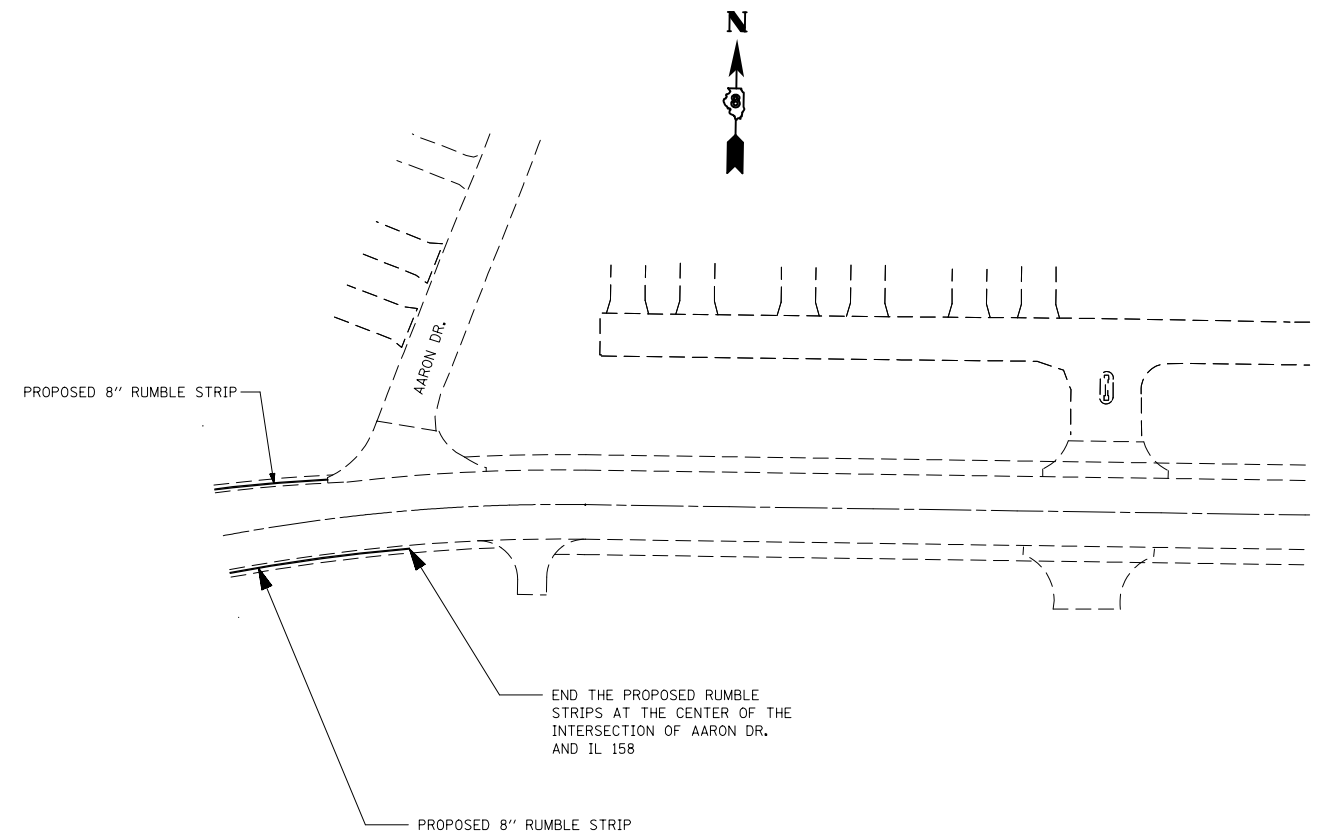
OMIT (SEE NOTE **)
 STA 171+90 TO 182+85 LT

SHOULDER RUMBLE STRIPS - 8"									
LOCATION					LOCATION				
IL 158 NORTHBOUND - RT					IL 158 NORTHBOUND - LT				
STATION	TO	STATION	LENGTH (FT)	ENTRANCE/SIDEROAD OMISSIONS (FT)	STATION	TO	STATION	LENGTH (FT)	ENTRANCE/SIDEROAD OMISSIONS (FT)
129+50	TO	360+95	23145	1781.8	129+50	TO	171+90	4240	211.9
440+69	TO	671+00	23031	1092.9	182+85	TO	360+95	17810	1014.8
					440+69	TO	671+00	23031	804.5
SUBTOTAL:			46176	2874.7	SUBTOTAL:			45081	2031.2
Total					Total				
43301.3					86351.1				

BEGIN OF PROPOSED RUMBLE STRIP DETAIL



END OF PROPOSED RUMBLE STRIPS DETAIL



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	PLOT DATE = 3/20/2015	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	(133, 134, 135)-I	*	6	6
* ST CLAIR AND MONROE			CONTRACT NO. 76H78	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			