

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	1
		ILLINOIS	CONTRACT NO. 76M12	

PROPOSED HIGHWAY PLANS

FAP ROUTE 809 (IL 158)
SECTION 135RS-7
PROJECT - STP-V105(888)
MICROSURFACING
ST. CLAIR COUNTY

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 - 5 TYPICAL SECTIONS
- 6 SCHEDULE OF QUANTITIES
- 7 - 9 RECOVERY TIES
- 10 ROADWAY PLAN
- 11-20 PAVEMENT MARKING DETAILS

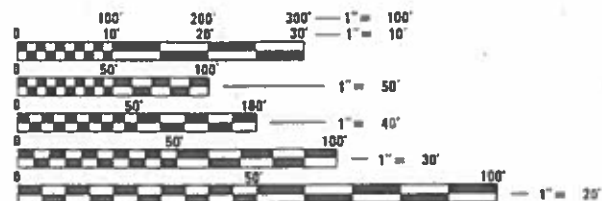
IL ROUTE 158
FUNCTIONAL CLASSIFICATION:
MINOR ARTERIAL

ADDERLY LN TO
FRANK SCOTT PARKWAY
2019 ADT: 9,000
MU %: 2.3%
SU %: 8.0%

MINE HAUL RD TO
CONCORDIA CHURCH RD
2019 ADT: 5,000
MU %: 2.7%
SU %: 10.8%

FRANK SCOTT PARKWAY TO
MINE HAUL RD
2019 ADT: 5,400
MU %: 2.5%
SU %: 10.0%

CONCORDIA CHURCH RD TO
ATLANTA DR
2019 ADT: 7,500
MU %: 1.8%
SU %: 7.1%



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)346-3181

CONTRACT NO. 76M12



RANGE 9 WEST, TOWNSHIP 1 SOUTH
RANGE 9 WEST, TOWNSHIP 1 NORTH

LOCATION MAP
GROSS LENGTH = 5.268 MILES
BRIDGE OMISSION = 0.00 MILES
NET LENGTH = 5.268 MILES

APPROXIMATE SCALE
1" = 1 MILE



LOCATION OF SECTION INDICATED THUS: -



SIGNATURE: *[Signature]*
DATE SIGNED: 1/18/2019
LICENSE EXPIRATION DATE: 11 - 30 - 2019
THIS SEAL APPLIES TO SHEETS: 1 -20

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED Jan 18 20 19
Kaith Roberts REGIONAL ENGINEER
March 22 20 19
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT
March 22 20 19
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 3

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OF THE STATE OF ILLINOIS



GENERAL NOTES:

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO 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.
2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING, TOPOGRAPHY, AND QUANTITIES SHOWN IN THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. STATIONING ON THE PAVEMENT MARKING DETAIL SHEETS IS SHOWN FOR LAYOUT PURPOSES ONLY AND IS ONLY DISPLAYED ON THE PAVEMENT MARKING SHEETS.
4. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
5. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, EXCEPT AS DEPICTED ON THE PAVEMENT MARKING DETAIL SHEETS, OR AS DIRECTED BY THE ENGINEER.
6. TWO CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED TWO WEEKS PRIOR TO ANY LANE CLOSURE. THE CHANGEABLE MESSAGE BOARDS SHALL BE PLACED ALONG IL 158 AS DIRECTED OF THE ENGINEER.
7. THE DEPARTMENT 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. 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.
8. MICROSURFACING SHALL BE PLACED ACROSS THE DRIVING LANES IN ALL INSTANCES AND EXTEND 1' PAST THE EDGE OF TRAVELLED WAY WHERE RUMBLE STRIPS ARE NOT PRESENT. IF RUMBLESTRIPS ARE PRESENT THE MICROSURFACING SHALL STOP PRIOR TO RUMBLESTRIPS.
9. PROJECT SHALL BE CONSTRUCTED WITHOUT DISTURBING THE EXISTING GUARDRAIL.
10. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENT DESTROYED BY HIS OPERATIONS.
11. BUMP REMOVAL OPERATIONS SHALL INCLUDE FULL LANE WIDTH AND ANY PORTION OF SHOULDER BEING MICROSURFACED.
12. REPLACEMENT RAISED PAVEMENT REFLECTORS SHALL BE PLACED PER STANDARDS, OFFSET FROM ORIGINAL LOCATION OR AS DIRECTED BY THE ENGINEER.
13. THE VOID IN THE PAVEMENT WHICH RESULTS FROM THE RAISED REFLECTIVE PAVEMENT MARKER REMOVAL SHALL BE REPAIRED WITH MATERIAL AS DIRECTED BY THE ENGINEER. THE MATERIAL AND WORK SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 783 OF THE STANDARD SPECIFICATIONS.
14. RUTTS ¼" OR DEEPER SHALL BE RUTT-FILLED IN ACCORDANCE WITH THE SUPPLEMENTAL SPECIFICATION FOR MICRO-SURFACING AND SLURRY SEALING AND SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

COMMITMENTS

NONE.

RATES OF APPLICATION

FACTORS FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

MICRO-SURFACING COURSE, SINGLE PASS	20 LBS/SQ YD
BITUMINOUS MATERIALS (TACK COAT)	0.025 LBS/SQ FT

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DRAWN - TWC	CHECKED - STS	REVISED -		SCALE:	SHEET	1 OF 1 SHEETS	STA.	TO STA.	809	135RS-7	ST. CLAIR	20	2
PLOT SCALE = 2,0000' / in.	DATE - 1/17/2019	REVISED -		CONTRACT NO. 76M12									
PLOT DATE = 1/17/2019	DATE - 1/17/2019	REVISED -		ILLINOIS FED. AID PROJECT									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				FAP 809	
				ROADWAY 0005 RURAL	ROADWAY 0005 URBAN
				80% FED	20% STATE
40400001	FIBER-MODIFIED ASPHALT CRACK SEALING	FOOT	11,086	7,206	3,880
40400020	BUMP REMOVAL	EACH	70	35	35
40400121	MICRO-SURFACING, SINGLE PASS, MIXTURE D	SQ YD	86,763	44,501	42,262
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	19,522.6	10,013.2	9,509.4
67100100	MOBILIZATION	L SUM	1	0.6	0.4
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.6	0.4
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.6	0.4
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.6	0.4
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	0.6	0.4
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	42	21	21
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,464	2,168	2,296
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,498	727	771
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	952	203	749
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	117,676	64,075	53,601

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				FAP 809	
				ROADWAY 0005 RURAL	ROADWAY 0005 URBAN
				80% FED	20% STATE
* 70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2,690	1,435	1,255
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	952	203	749
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	117,676	64,075	53,601
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,690	1,435	1,255
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,088	563	525
Ø Z0076600	TRAINEES	HOUR	500	500	
Ø 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,088	563	525
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	42,475	22,783	19,692

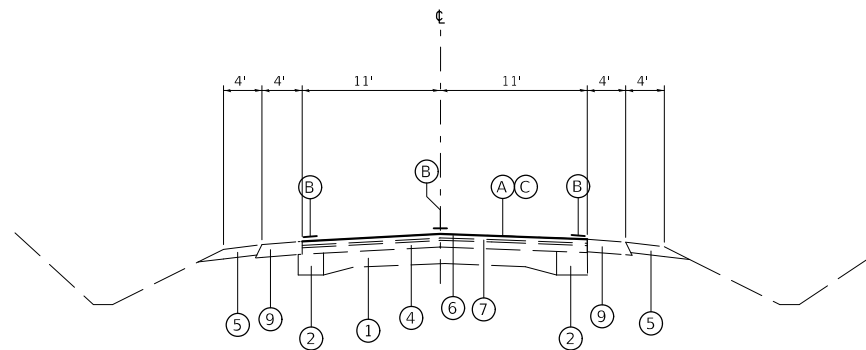
* SPECIALTY ITEM

Ø 0042

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REV. - MS

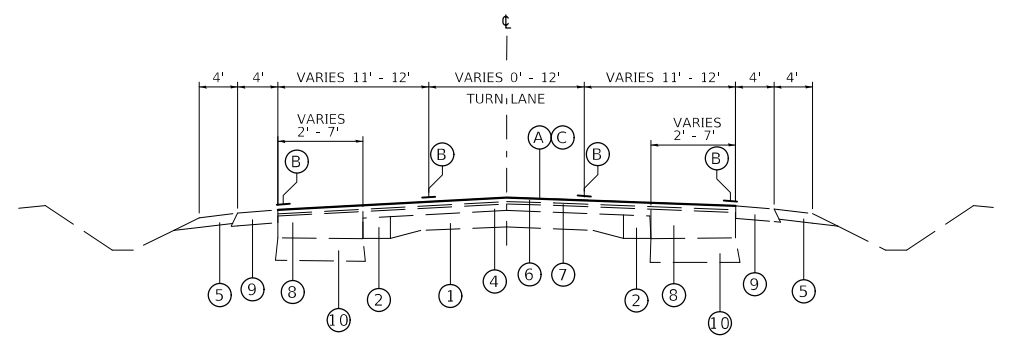
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PLOT DATE = 1/17/2019	DATE - 1/17/2019	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				



EXISTING/PROPOSED IL 158

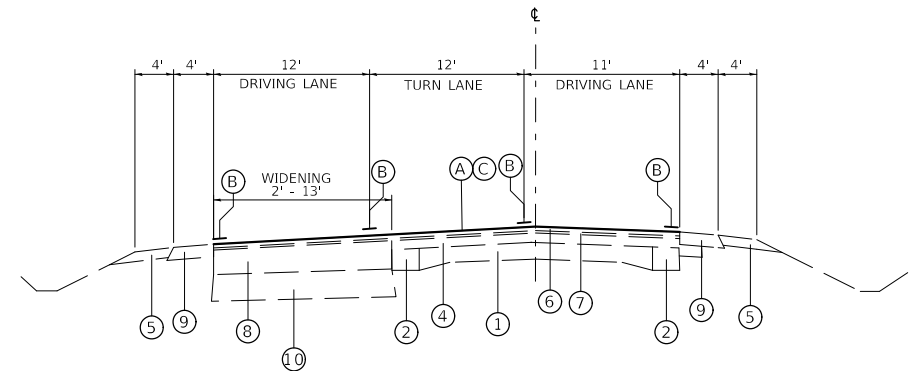
LOG MILE 0.000 TO 0.009
 LOG MILE 0.302 TO 0.331
 LOG MILE 0.559 TO 0.833
 LOG MILE 1.080 TO 2.216
 LOG MILE 2.434 TO 2.576
 LOG MILE 2.808 TO 3.049
 LOG MILE 3.248 TO 3.752

NOTE: PCC V-GUTTER ON RIGHT INSTEAD OF AGGREGATE SHOULDER.
 LOG MILE 0.00 TO 0.329



EXISTING/PROPOSED IL 158

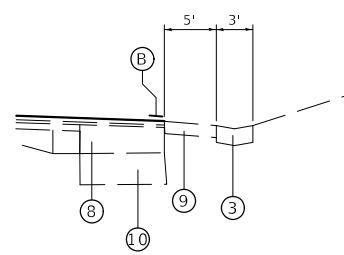
LOG MILE 0.833 TO 1.080
 LOG MILE 3.049 TO 3.248



EXISTING/PROPOSED IL 158

LOG MILE 0.009 TO 0.256

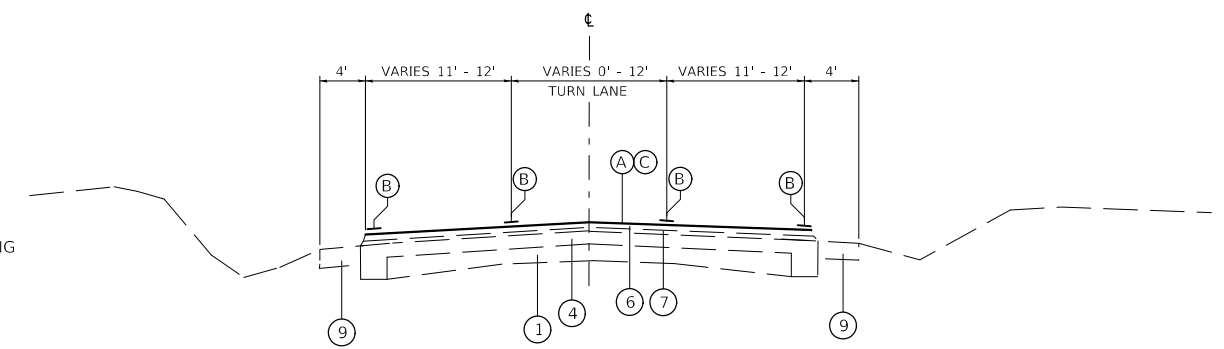
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 LOG MILE 0.00 TO 0.329



EXISTING GUTTER SECTION ON RT
 LOG MILE 0.00 TO 0.329

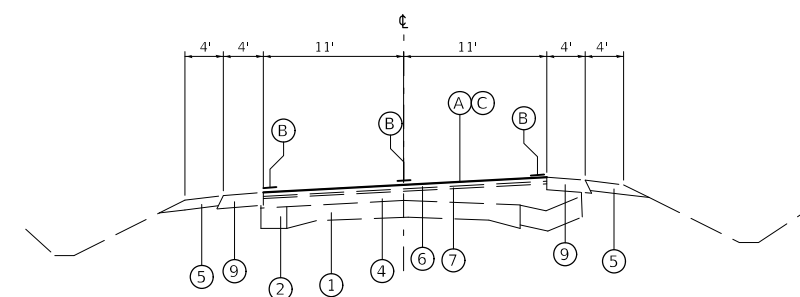
LEGEND

- ① EXISTING PCC PAVEMENT
- ② EXISTING PCC WIDENING
- ③ EXISTING CONC. GUTTER, TYPE A
- ④ EXISTING BITUMINOUS RESURFACING, 6" +/-
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING HMA SURFACE COURSE 1 1/2"
- ⑦ EXISTING LEVELING BINDER 3/4"
- ⑧ EXISTING HMA BINDER COURSE 12"
- ⑨ EXISTING HMA SHOULDER
- ⑩ EXISTING AGG BASE COURSE, TYPE B 12"
- A PROPOSED MICROSURFACING
- B PROPOSED THERMOPLASTIC PAVEMENT MARKING
- C TACK COAT



EXISTING/PROPOSED IL 158

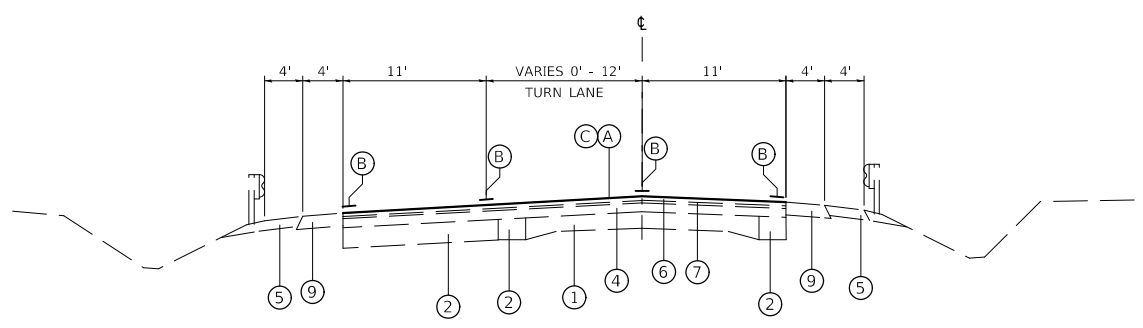
LOG MILE 2.216 TO 2.434



EXISTING/PROPOSED IL 158

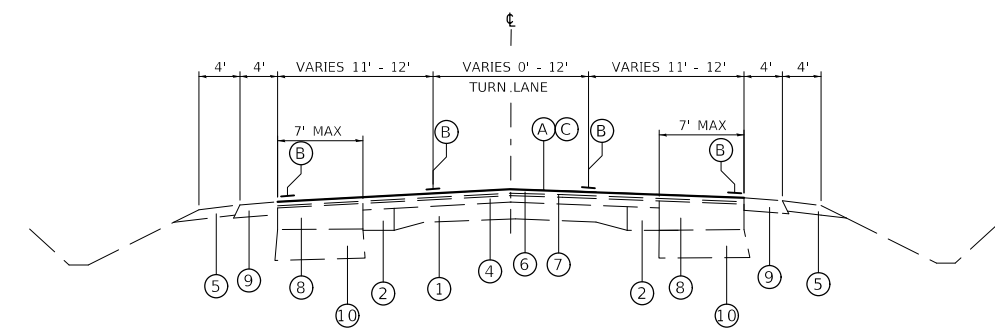
LOG MILE 0.256 TO 0.302

NOTE: PCC V-GUTTER ON RIGHT INSTEAD OF AGGREGATE SHOULDER.
 LOG MILE 0.00 TO 0.329



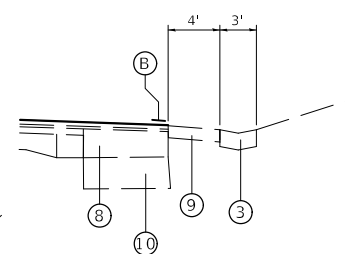
EXISTING/PROPOSED IL 158

LOG MILE 2.576 TO 2.808



EXISTING/PROPOSED IL 158

LOG MILE 0.331 TO 0.559



EXISTING/PROPOSED IL 158

GUTTER SECTION LT OR RT
 LT - LOG MILE 0.351 TO 0.408
 LOG MILE 0.452 TO 0.534
 LOG MILE 1.152 TO 1.173
 RT - LOG MILE 0.617 TO 0.742

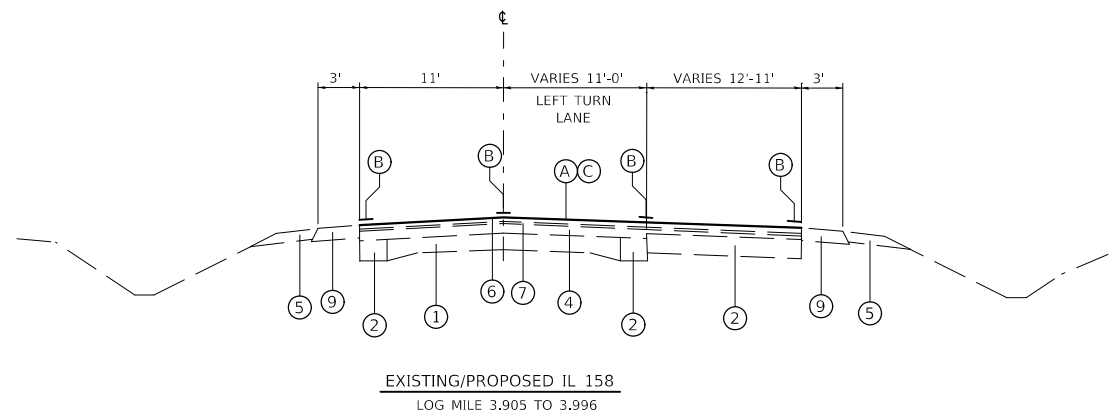
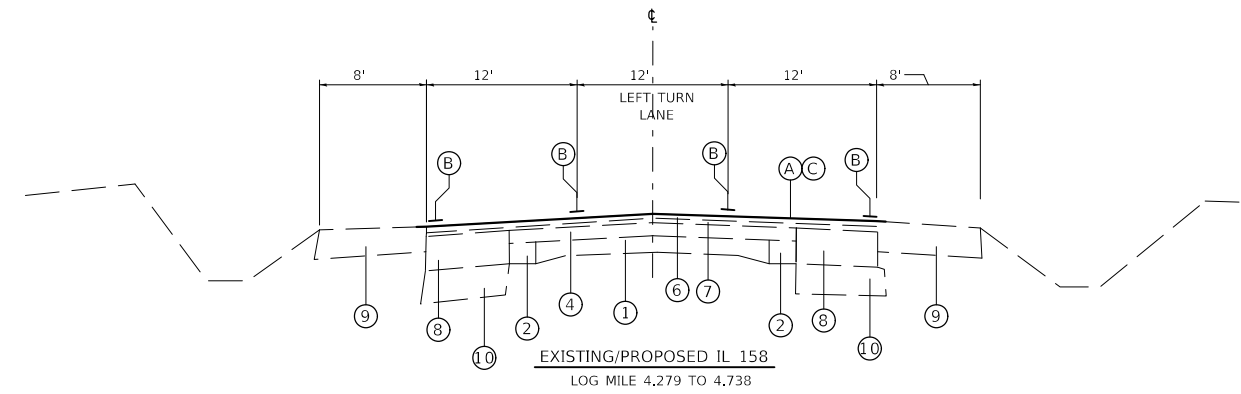
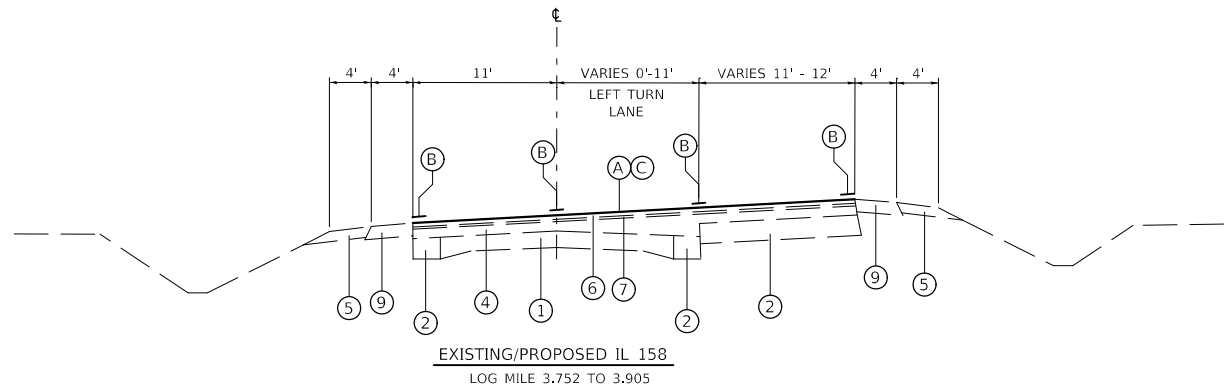
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PLOT DATE = 1/17/2019	DATE -	REVISED -

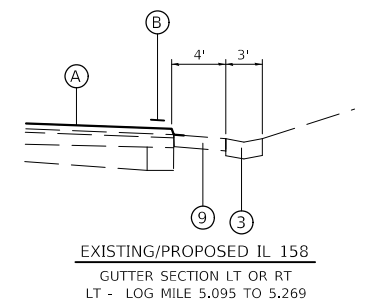
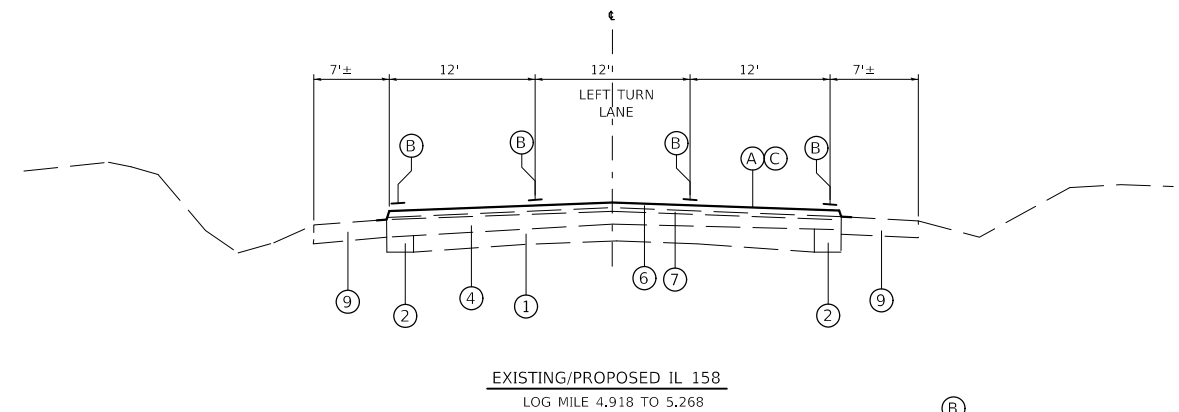
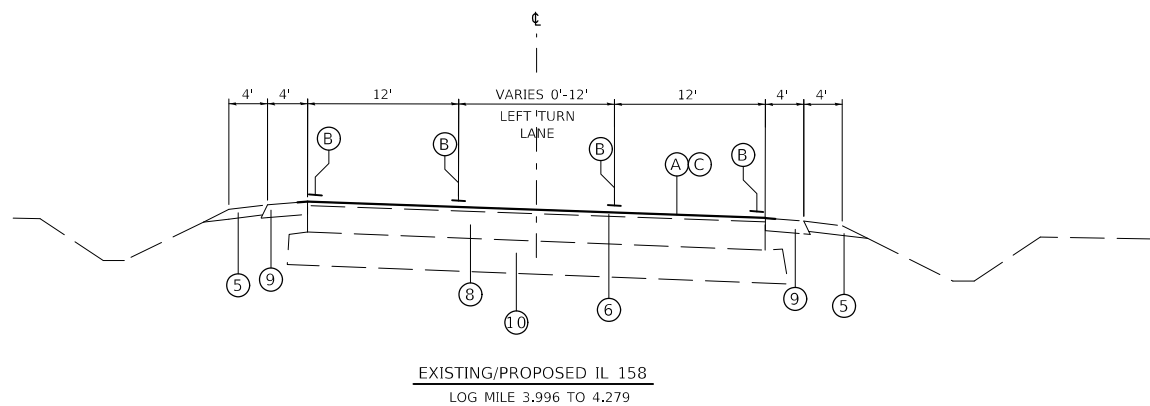
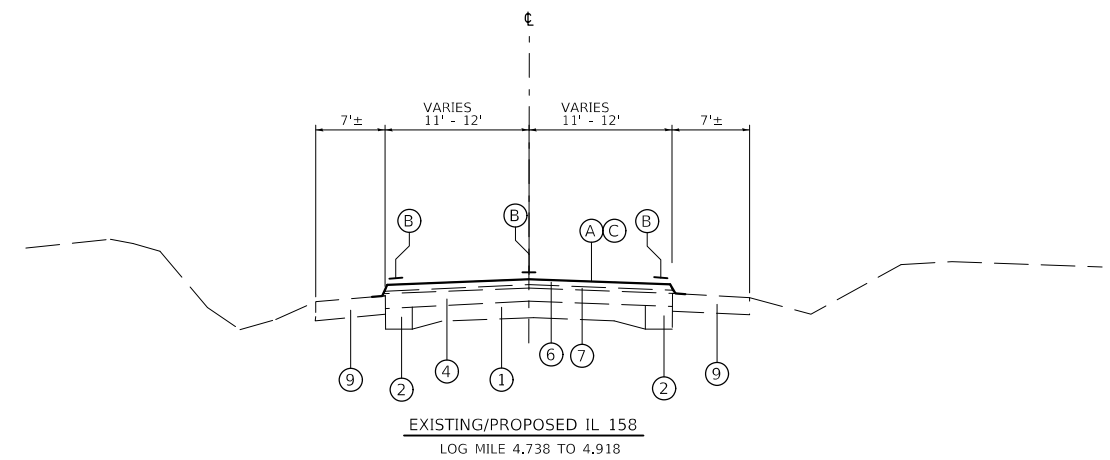
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
SHEET 1 OF 2	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	4
CONTRACT NO. 76M12				
ILLINOIS FED. AID PROJECT				



- LEGEND**
- ① EXISTING PCC PAVEMENT
 - ② EXISTING PCC WIDENING
 - ③ EXISTING CONC. GUTTER, TYPE A
 - ④ EXISTING BITUMINOUS RESURFACING, 6" +/-
 - ⑤ EXISTING AGGREGATE SHOULDER
 - ⑥ EXISTING HMA SURFACE COURSE 1 1/2"
 - ⑦ EXISTING LEVELING BINDER 3/4"
 - ⑧ EXISTING HMA BINDER COURSE 12"
 - ⑨ EXISTING HMA SHOULDER
 - ⑩ EXISTING AGG BASE COURSE, TYPE B 12"
 - A PROPOSED MICROSURFACING
 - B PROPOSED THERMOPLASTIC PAVEMENT MARKING
 - C TACK COAT



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	DRAWN - TWC	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - STS	REVISED -
PLOT DATE = 1/17/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS
SHEET 2 OF 2**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	5
CONTRACT NO. 76M12				
ILLINOIS FED. AID PROJECT				

MICRO - SURFACING SCHEDULE

Description			Length (Mile)	Width (FT)	area (SQ FT)	Micro-Surfacing (Rural) (SQ YD)	Micro-Surfacing (Urban) (SQ YD)	Tack Coat (Rural) (LBS)	Tack Coat (Urban) (LBS)	Comments	
Log Mile	Log Mile	LOCATION									
0.000	0.009	LT/RT	0.009	23	1093	121		27.4			
0.009	0.256	LT/CT/RT	0.247	23 to 35	40270	4474		1006.8		Gemstone Drive Intersection	
0.256	0.331	LT/RT	0.075	23	9108	1012		227.7			
0.331	0.559	LT/CT/RT	0.228	23 to 35	37604	4178		940.1		Spring Lake Road Intersection	
0.559	0.833	LT/RT	0.274	22	31828	3536		795.7			
0.833	1.080	LT/CT/RT	0.247	22 to 34	40451	4495		1011.3		Krista Lane / Beil Road Intersection	
1.080	2.216	LT/RT	1.136	22	131958	14662		3299.0			
2.216	2.434	LT/CT/RT	0.218	22 to 34	34483	3831		862.1		Roachtown Road Intersection	
2.434	2.576	LT/RT	0.142	22	16495	1833		412.4			
2.576	2.808	LT/CT/RT	0.232	22 to 33	34691	3855		867.3		Frank Scott Parkway Intersection	
2.808	3.002	LT/RT	0.194	22	22535	2504		563.4			
3.002	3.248	LT/CT/RT	0.246	22 to 36	44859		4984		1121.5	Mine Haul Road Intersection	
3.248	3.752	LT/RT	0.504	22	58545		6505		1463.7		
3.752	3.958	LT/CT/RT	0.206	22 to 34	32796		3644		819.9	Belle Clair Soccer Park Entrance	
3.958	3.996	LT/RT	0.038	22	4414		490		110.4		
3.996	4.061	LT/CT/RT	0.065	22 to 36	9904		1100		247.6	Taper	
4.061	4.266	LT/CT/RT	0.205	36	38966		4330		974.2	Concordia Church Road Intersection	
4.154	4.254	LT	0.100	11 TO 0	5118		569		128.0	Concordia Church Road Right Turn Lane	
4.254	4.681	LT/CT/RT	0.415	38	83266		9252		2081.7	Includes 1' of shoulder each side	
4.681	4.738	LT/CT/RT	0.057	38 to 26	9600		1067		240.0	Taper & Includes 1' of shoulder each side	
4.738	4.918	LT/RT	0.180	26	24710		2746		617.8	Includes 1' of shoulder each side	
4.918	4.984	LT/CT/RT	0.066	38 to 26	11200		1244		280.0	Taper & Includes 1' of shoulder each side	
4.984	5.268	LT/CT/RT	0.284	38	56982		6331		1424.6	Includes 1' of shoulder each side	
SUB TOTAL:						44,501	42,262	10,013.2	9,509.4		
TOTAL:							86,763		19,522.6		

RAISED RELECTIVE PAVEMENT MARKERS

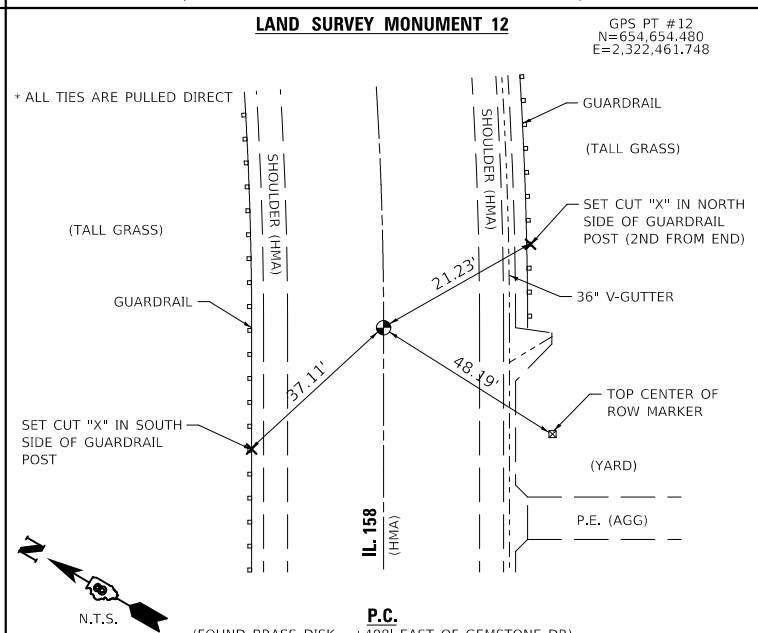
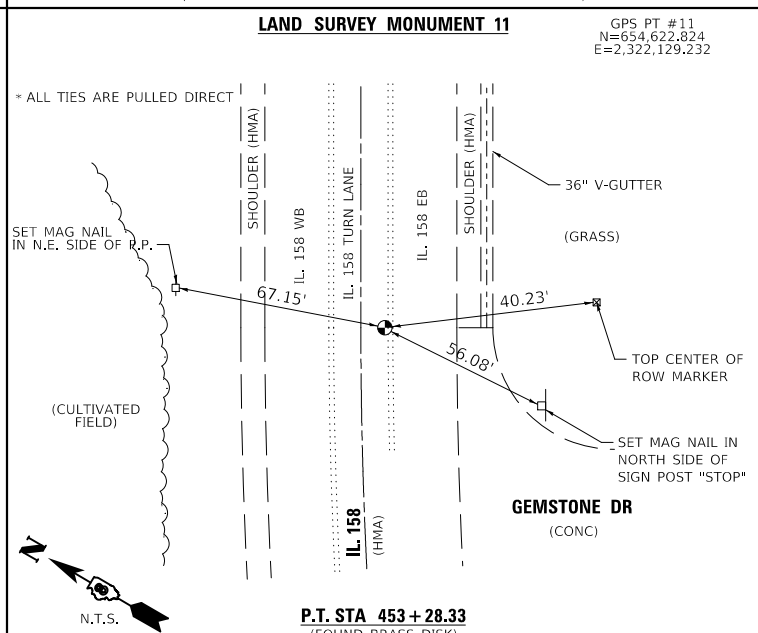
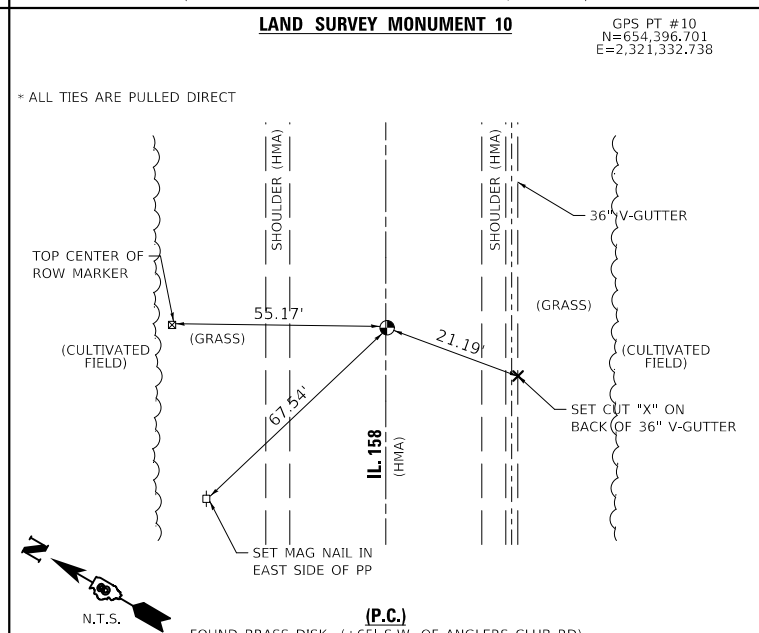
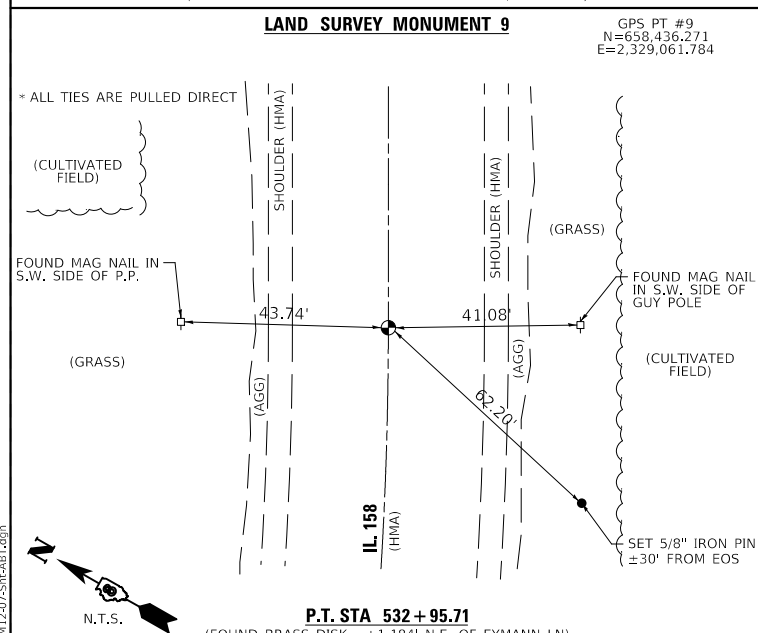
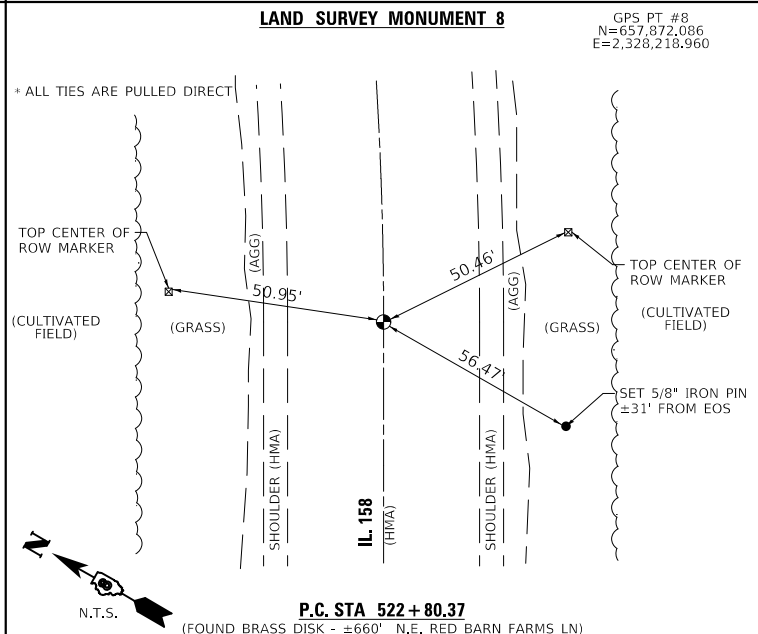
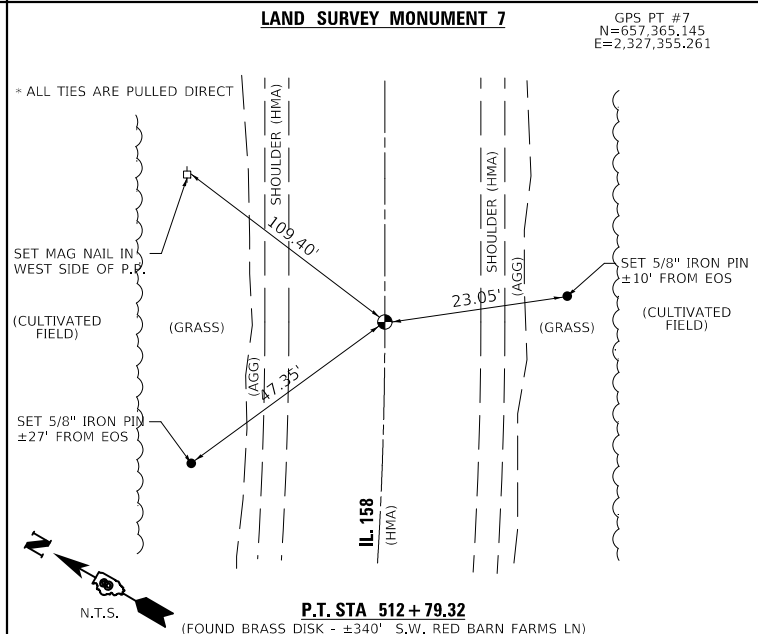
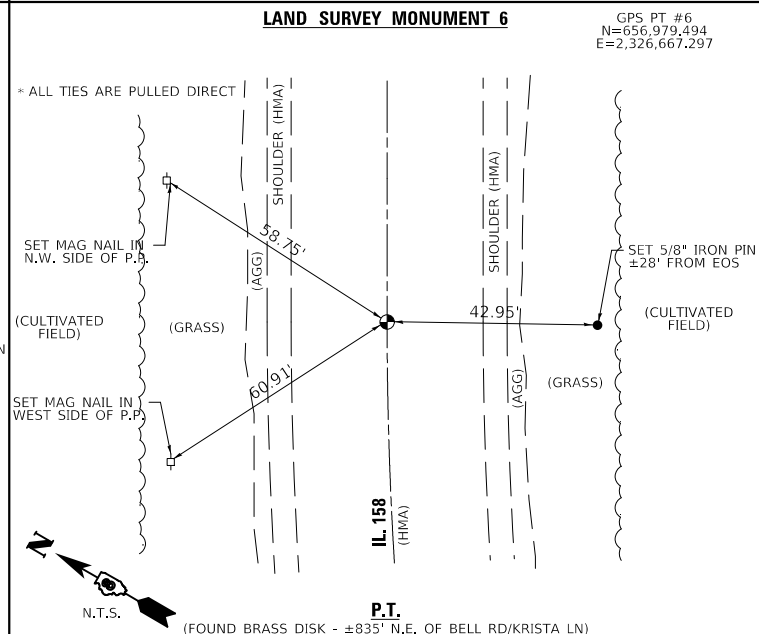
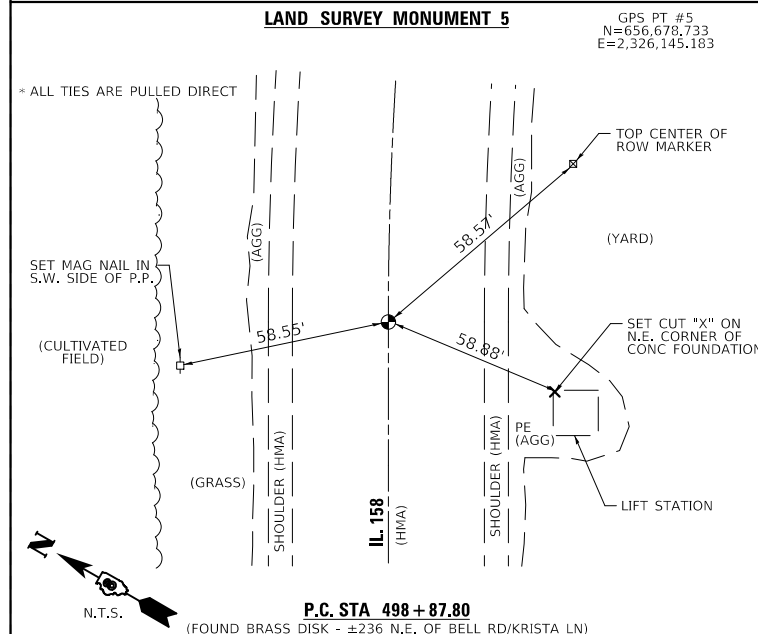
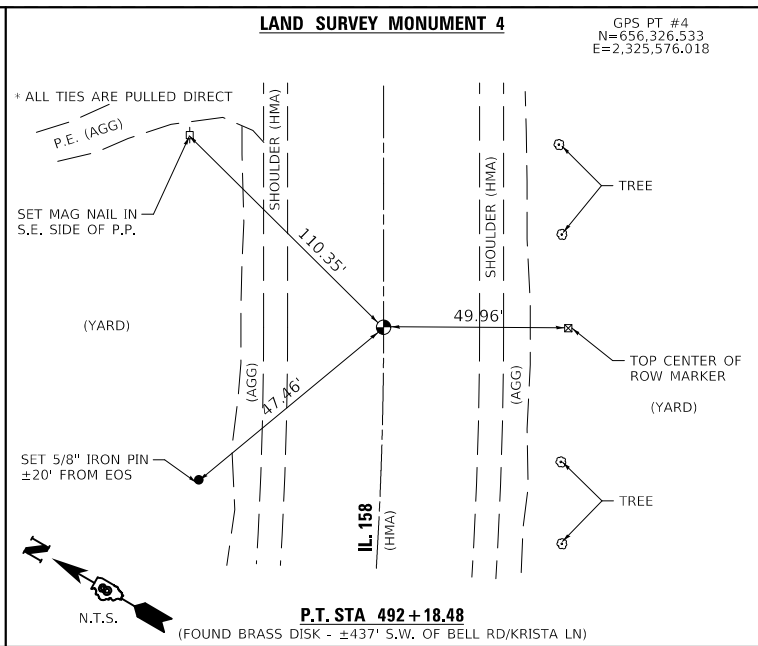
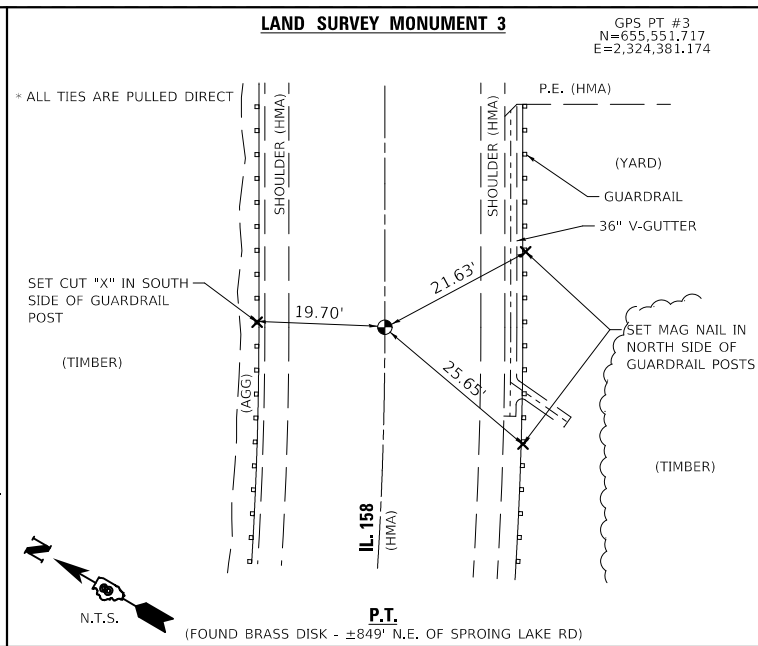
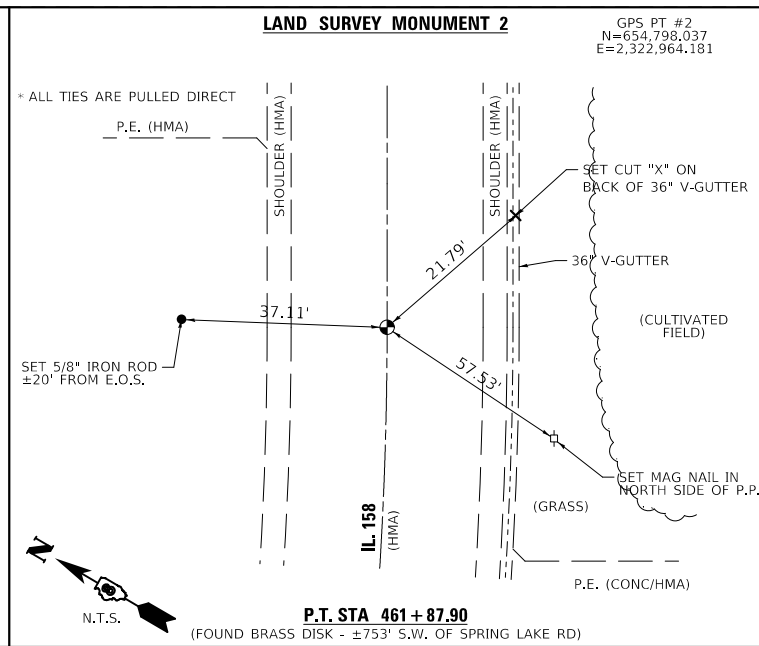
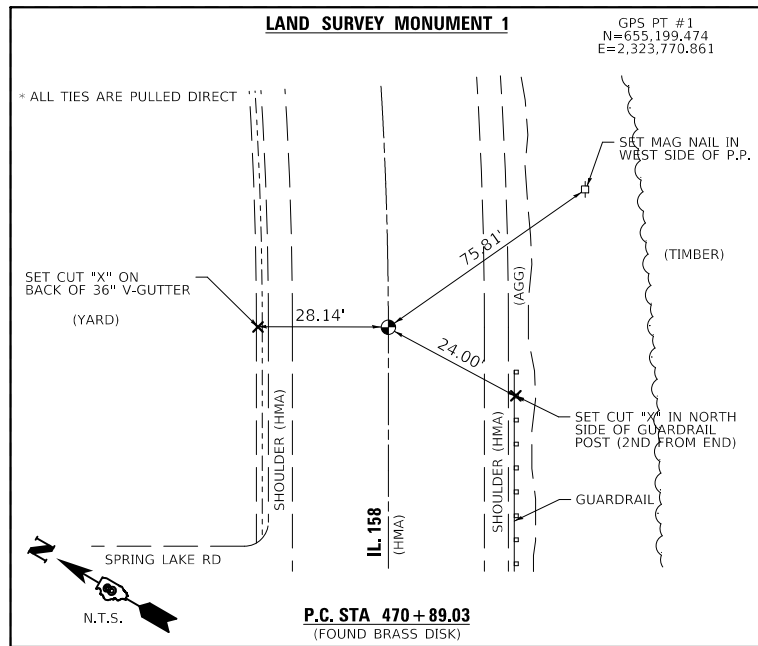
STA	TO	STA	LOCATION	ONE-WAY AMBER (Rural)	ONE-WAY CRYSTAL (Rural)	TWO-WAY AMBER (Rural)	ONE-WAY AMBER (Urban)	ONE-WAY CRYSTAL (Urban)	TWO-WAY AMBER (Urban)	REMOVAL (Rural)	REMOVAL (Urban)
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
446+00	TO	446+50	IL 158(R)			6				6	
446+50	TO	459+50	IL 158(R)	61	4	8				73	
459+50	TO	463+50	IL 158(R)			18				18	
463+50	TO	475+50	IL 158(R)	54	4	8				66	
475+50	TO	490+00	IL 158(R)			45				45	
490+00	TO	503+00	IL 158(R)	50	7	14				71	
503+00	TO	563+00	IL 158(R)			100				100	
563+00	TO	574+50	IL 158(R)	50	3	6				59	
574+50	TO	582+00	IL 158(R)			27				27	
582+00	TO	594+25	IL 158(R)	53	4	8				65	
594+25	TO	604+50	IL 158(R)			33				33	
604+50	TO	617+50	IL 158(U)				54	6	6		66
617+50	TO	644+10	IL 158(U)						57		57
644+10	TO	655+00	IL 158(U)				50	3	6		59
655+00	TO	657+00	IL 158(U)						13		13
657+00	TO	660+40	IL 158(U)						18		18
660+40	TO	671+25	IL 158(U)				36	4	19		59
671+25	TO	687+50	IL 158(U)						82		82
687+50	TO	693+17	IL 158(U)				22	3	6		31
693+17	TO	696+17	IL 158(U)						16		16
696+17	TO	705+67	IL 158(U)						32		32
705+67	TO	709+17	IL 158(U)				15		2		17
709+17	TO	724+17	IL 158(U)						75		75
SUBTOTAL:				268	22	273	211	16	298	563	525
RURAL/URBAL SUBTOTAL:					563			525		563	525
TOTAL:						1,088				1,088	

THERMOPLASTIC PAVEMENT MARKING

TEMPORARY PAVEMENT MARKING

STA	TO	STA	LOCATION	RURAL PAVEMENT MARKING REMOVAL	URBAN PAVEMENT MARKING REMOVAL	RURAL LINE, 4" SOLID (WHITE)	RURAL LINE, 4" SKIP-DASH (YELLOW)	URBAN LINE, 4" SOLID (WHITE)	URBAN LINE, 4" DOTTED (WHITE)	URBAN LINE, 4" SKIP-DASH (YELLOW)	URBAN LINE, 4" SOLID (YELLOW)	RURAL LINE, 12" SOLID (YELLOW)	URBAN LINE, 12" SOLID (YELLOW)	RURAL LETTERS & SYMBOLS	URBAN LETTERS & SYMBOLS	RURAL LINE, 4" (WHITE)	RURAL LINE, 4" SKIP-DASH (YELLOW)	RURAL LINE, 4" (YELLOW)	URBAN LINE, 4" (WHITE)	URBAN LINE, 4" DOTTED (WHITE)	RURAL LINE, 4" SKIP-DASH (YELLOW)	URBAN LINE, 4" (YELLOW)	RURAL LINE, 12" (YELLOW)	URBAN LINE, 12" (YELLOW)	RURAL LETTERS & SYMBOLS	URBAN LETTERS & SYMBOLS		
				SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT
446+00	TO	446+50	IL 158(R)	66		100		100								100												
446+50	TO	459+50	IL 158(R)	2,835		2,623		4,760				367		31.2		2623		4760						367		31.2		
459+50	TO	463+50	IL 158(R)	528		800		800								800		800										
463+50	TO	475+50	IL 158(R)	2,555		2,437		4,282				307		31.2		2437		4282						307		31.2		
475+50	TO	490+00	IL 158(R)	1,914		2,900		2,900								2900		2900										
490+00	TO	503+00	IL 158(R)	2,706		2,732		4,448				274		62.4		2732		4448						274		62.4		
503+00	TO	563+00	IL 158(R)	5,033		12,000	1,330	1,920								12000	1330	1920										
563+00	TO	574+50	IL 158(R)	2,322		2,193		3,992				250		31.2		2193		3992						250		31.2		
574+50	TO	582+00	IL 158(R)	990		1,500		1,500								1500		1500										
582+00	TO	594+25	IL 158(R)	2,481		2,364		4,294				237		46.8		2364		4294						237		46.8		
594+25	TO	604+50	IL 158(R)	1,353		2,050		2,050								2050		2050										
604+50	TO	617+50	IL 158(U)		2,614			2,613			4,302		270		62.4				2613					270		62.4		
617+50	TO	644+10	IL 158(U)		2,391			5,320		645	1,280								5320					645		4302	270	
644+10	TO	655+00	IL 158(U)		2,327			2,212			3,904		278		31.2				2212					278		3904	278	
655+00	TO	657+00	IL 158(U)		264			400			400					400		400										
657+00	TO	660+40	IL 158(U)		758			680			1,360		85						680					85		1360	85	
660+40	TO	671+25	IL 158(U)		2,435			2,480	121	106	3,365		306		124.8				2480	121	106	3365		306		124.8		
671+25	TO	687+50	IL 158(U)		2,645			3,196		813	3,250				249.6				3196		813	3250				249.6		
687+50	TO	693+17	IL 158(U)		1,158			1,191			1,714		168		31.2				1191					168		1714	168	
693+17	TO	696+17	IL 158(U)		672			600			1,200		78						600					78		1200	78	
696+17	TO	705+67	IL 158(U)		1,237			1,848			1,900								1848							1900		
705+67	TO	709+17	IL 158(U)		735			700			1,286		70						700			29	1286			70		
709+17	TO	724+17	IL 158(U)		2,456			2,936			3,000				249.6				2936			750	3000			70	249.6	
SUBTOTAL:				22,783	19,692	31,699	1,330	31,046	24,176	121	2,343	26,961	1,435	1,255	202.8	748.8	31,699	1,330	31,046	24,176	121	2,343	26,961	1,435	1,255	202.8	748.8	
RURAL/URBAN SUBTOTAL:				22,783	19,692		64,075				53,601		1,435	1,255	203	749			64,075				53,601		1,435	1,255	203	749
TOTAL:				42,475			117,676				117,676		2,690		952	749			117,676				53,601		2,690		952	749

FIBER-MODIFIED ASPHALT CRACK SEALING			
	RURAL	URBAN	
EB LENGTH	3,275	2,552	FT
WB LENGTH	3,931	1,328	FT
SUB TOTAL:	7,206	3,880	FT
TOTAL:		11,086	FT



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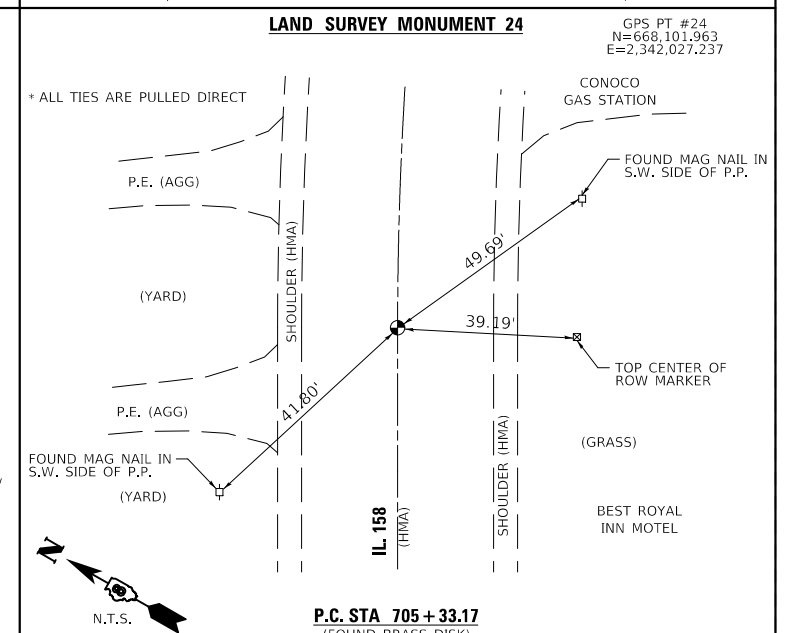
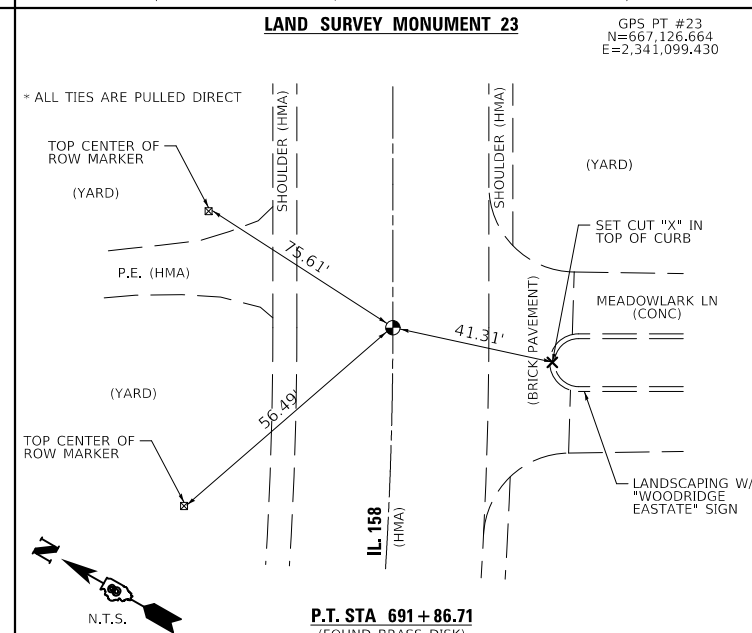
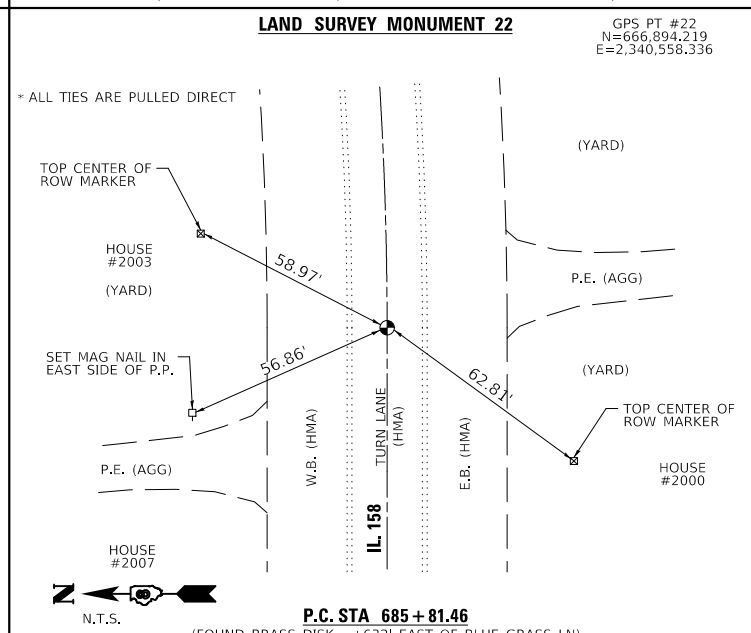
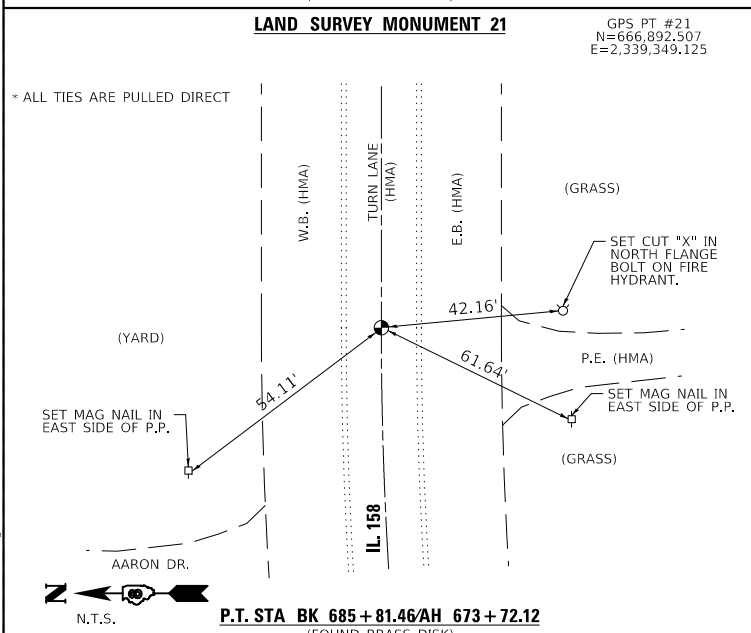
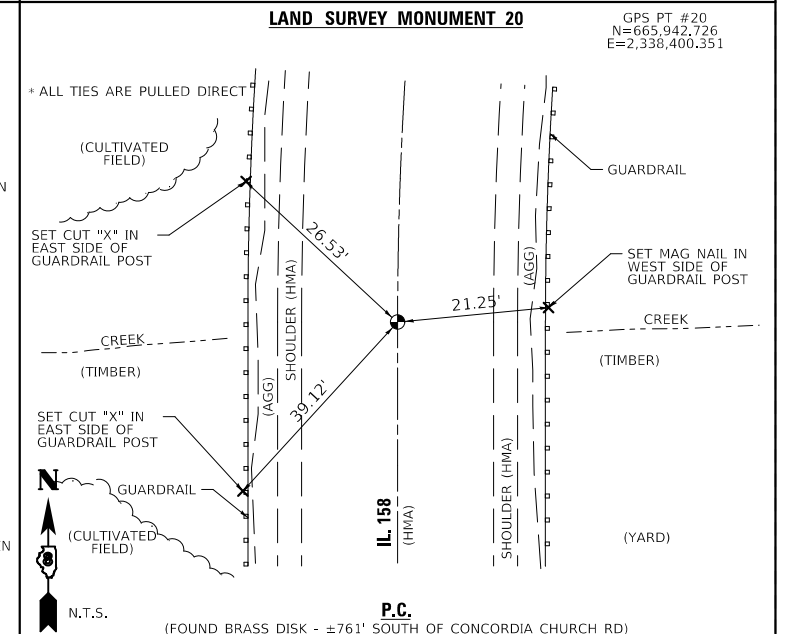
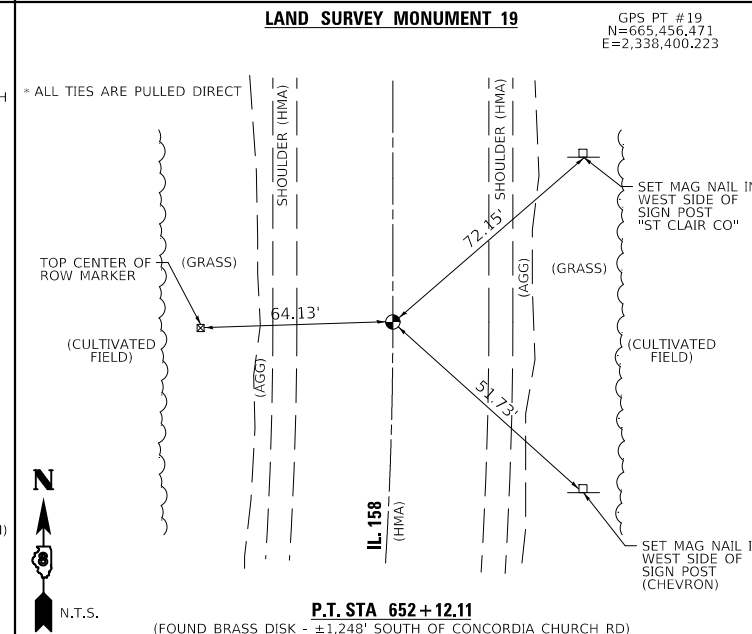
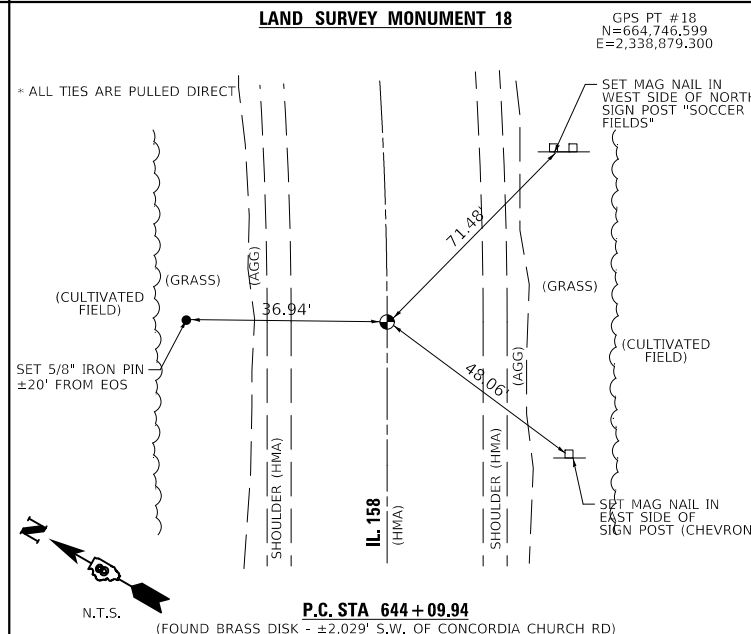
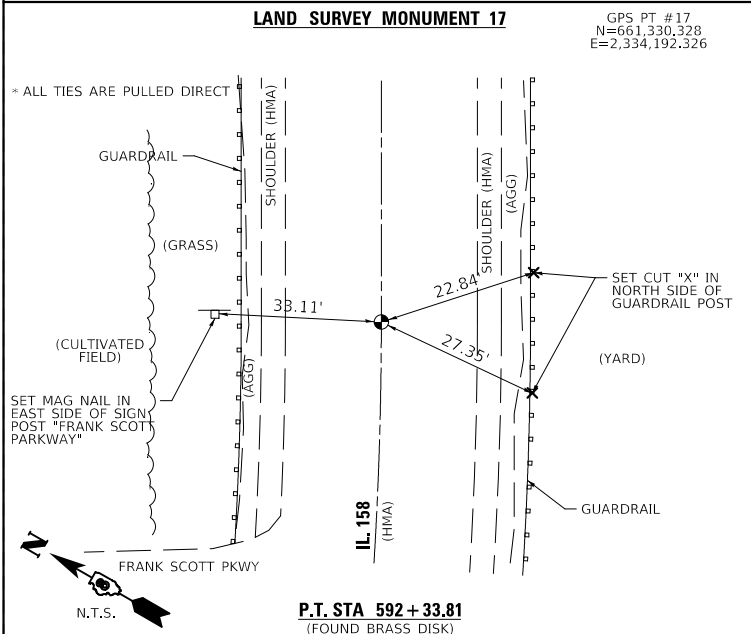
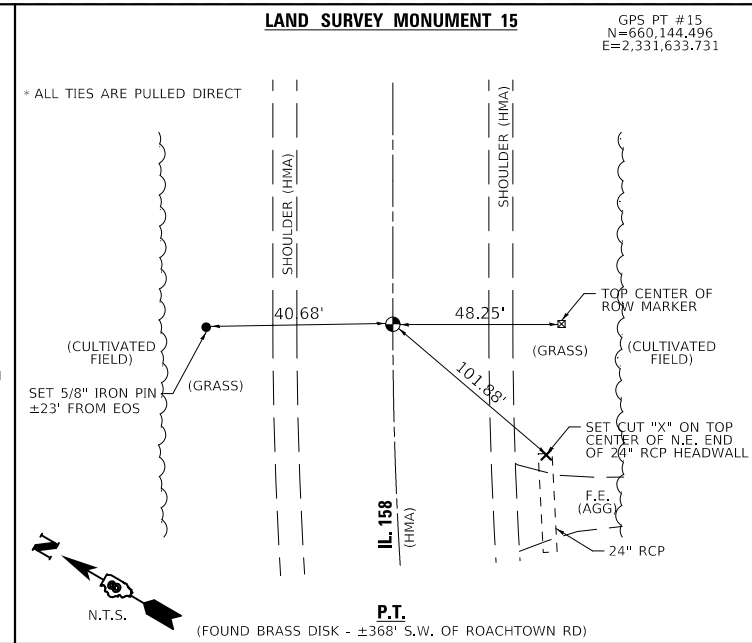
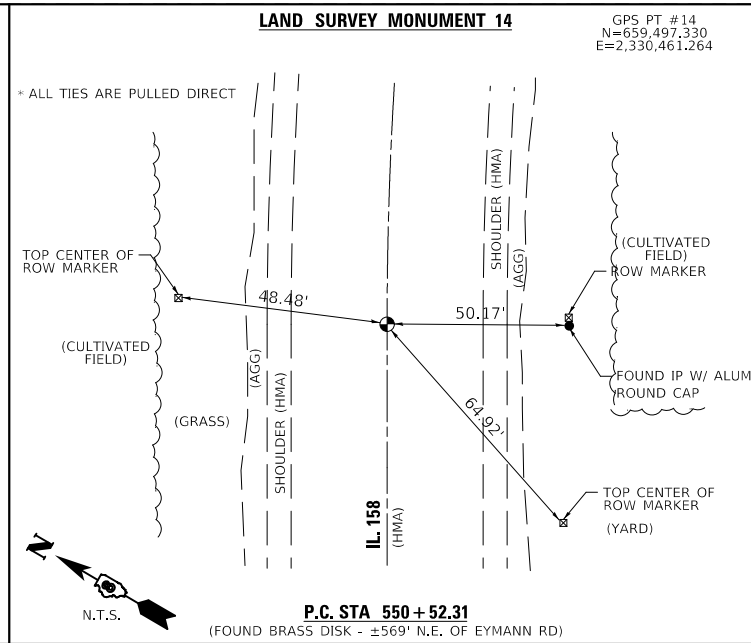
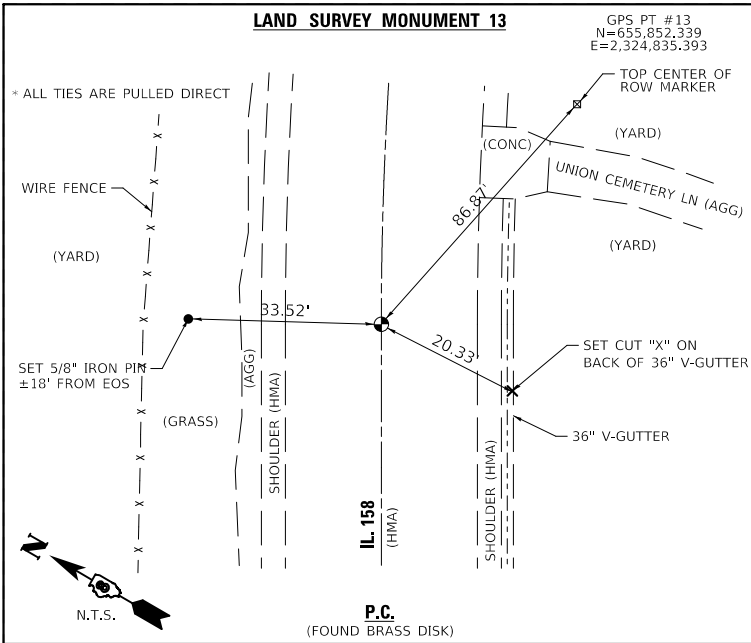
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RECOVERY TIES

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	7
CONTRACT NO. 76M12				
ILLINOIS		FED. AID PROJECT		



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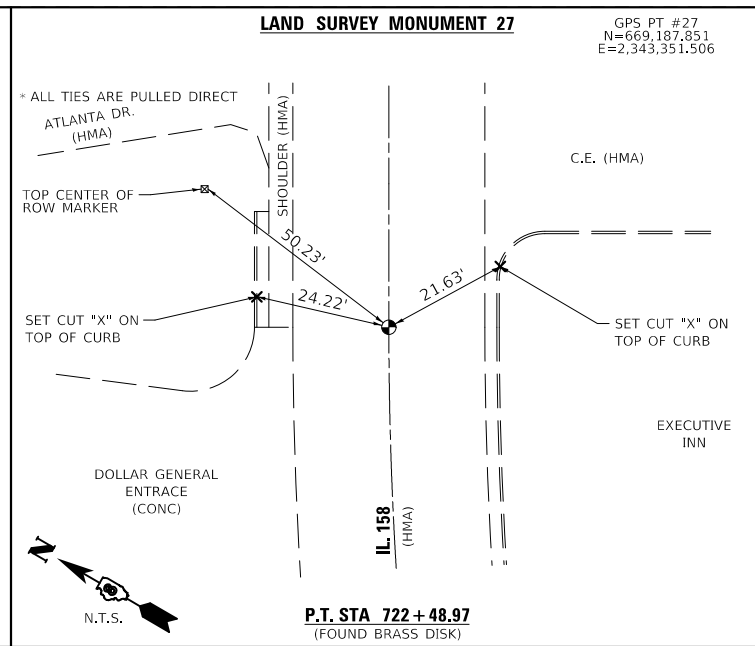
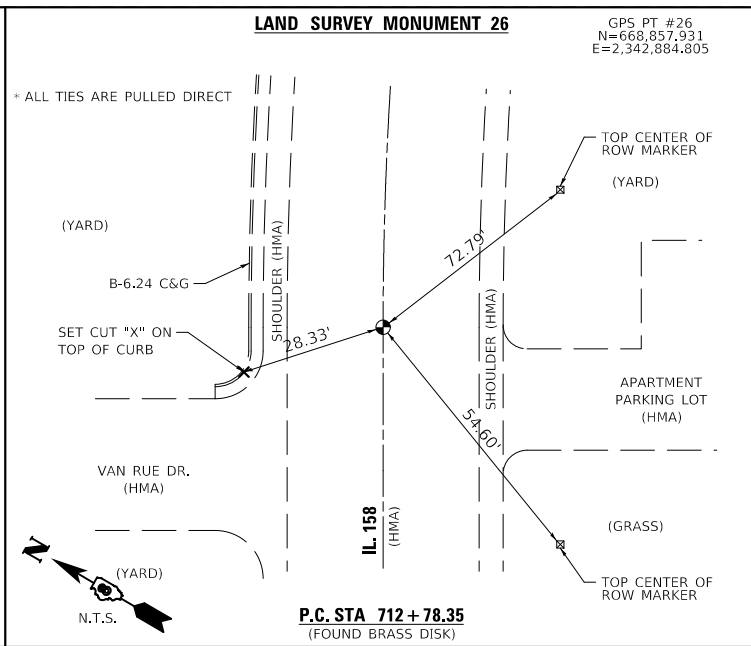
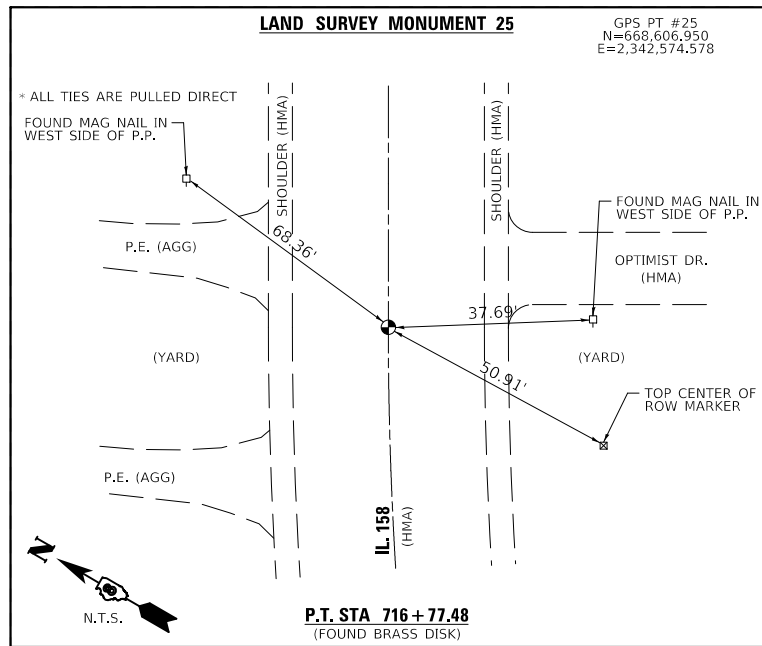
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RECOVERY TIES

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	8
CONTRACT NO. 76M12				
ILLINOIS FED. AID PROJECT				



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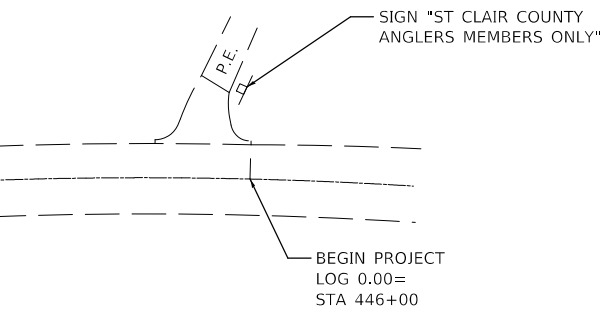
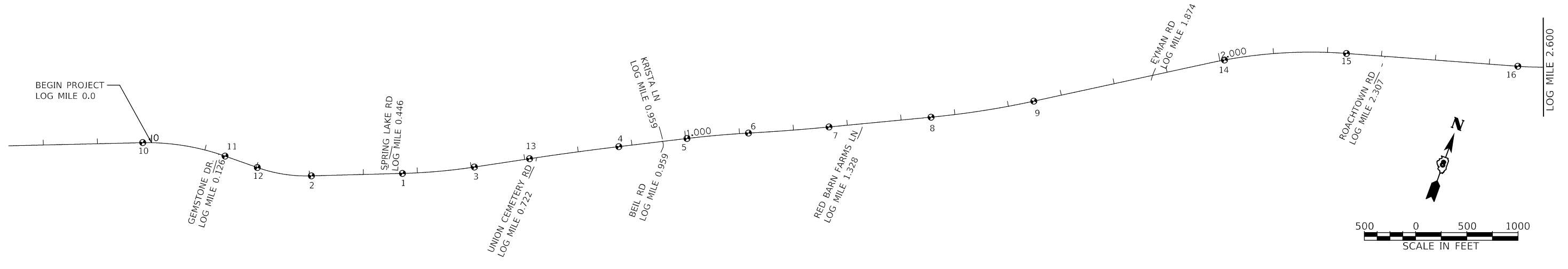
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

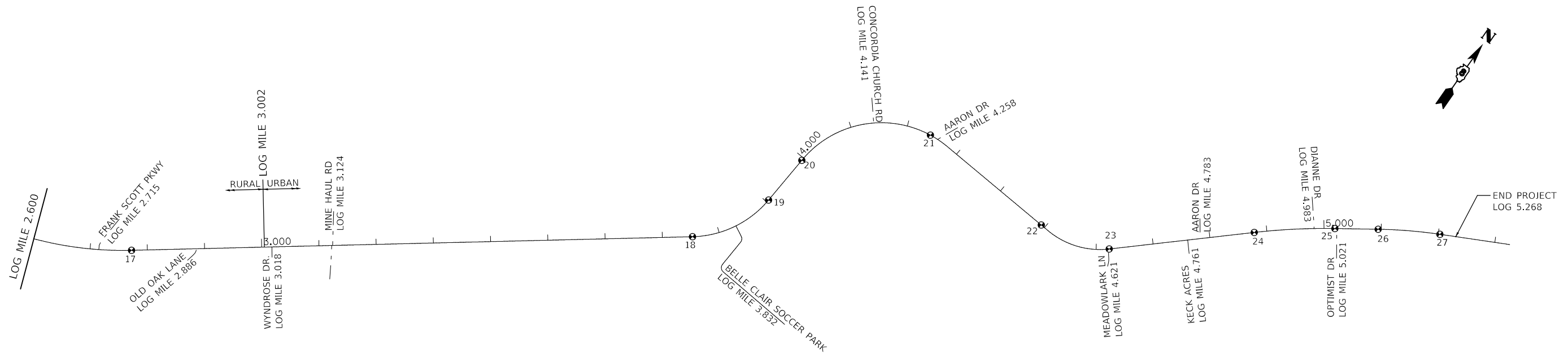
RECOVERY TIES

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	9
CONTRACT NO. 76M12				
ILLINOIS FED. AID PROJECT				



● APPROXIMATE REFERENCE TIE LOCATION



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

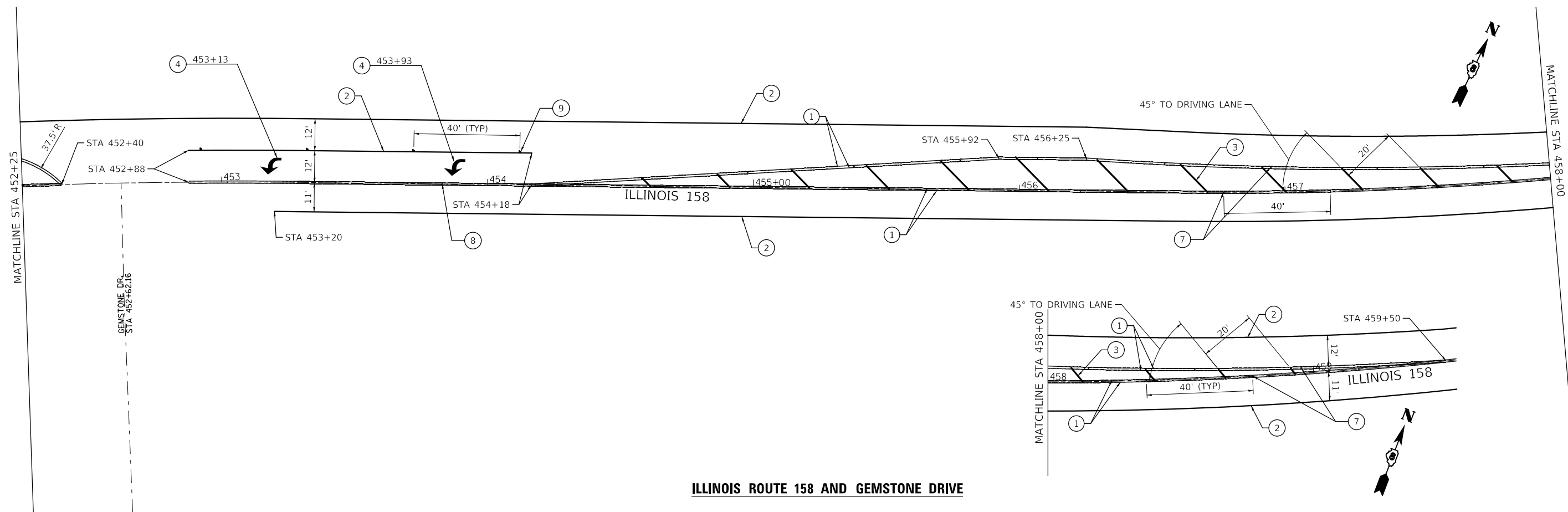
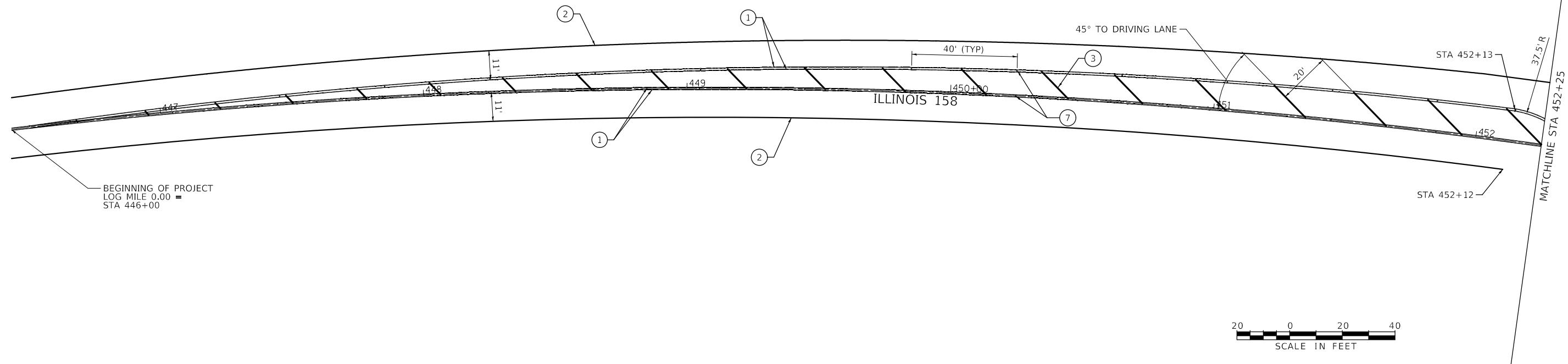
**ROADWAY PLAN
SHEET 1 OF 1**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	10
CONTRACT NO. 76M12			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' LINE, 30' SPACE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE DOTTED, 2' LINE, 6' SPACE)
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (AMBER)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY (AMBER)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (CRYSTAL)



ILLINOIS ROUTE 158 AND GEMSTONE DRIVE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

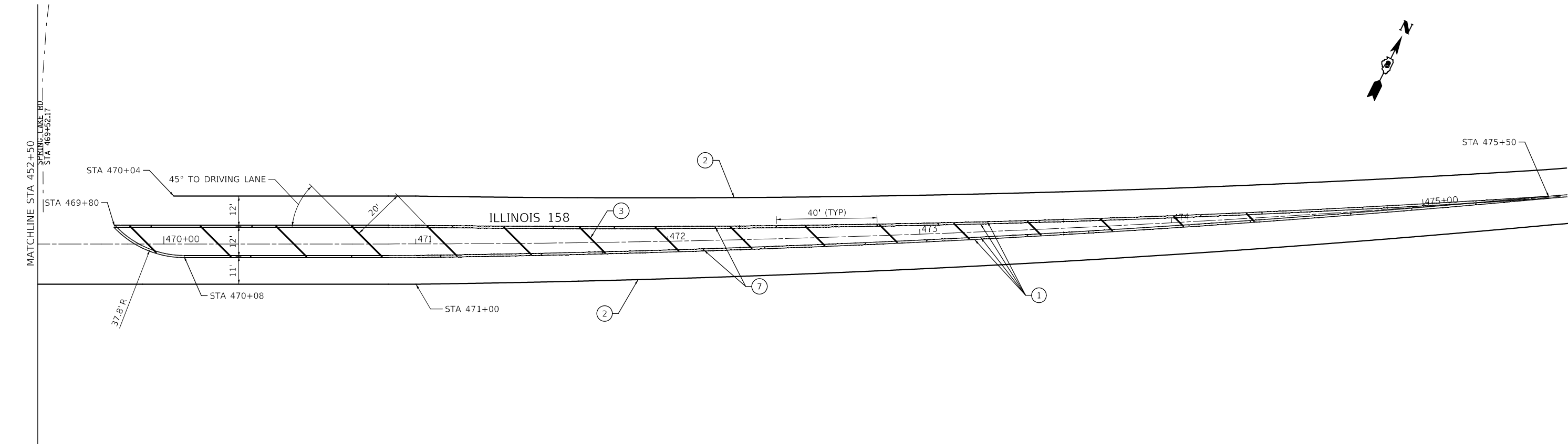
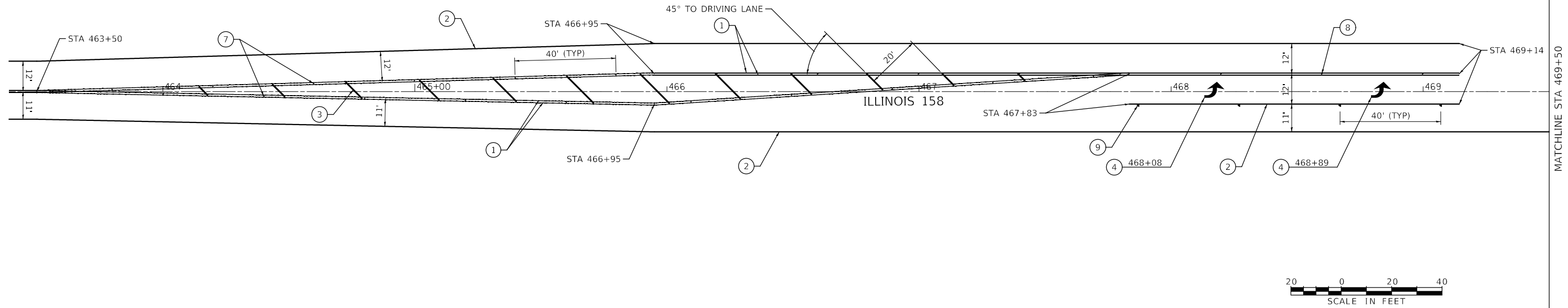
**PAVEMENT MARKING DETAILS
ILLINOIS ROUTE 158 AND GEMSTONE DRIVE**

SCALE: SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 809	SECTION 135RS-7	COUNTY ST. CLAIR	TOTAL SHEETS 20	SHEET NO. 11
CONTRACT NO. 76M12				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' LINE, 30' SPACE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE DOTTED, 2' LINE, 6' SPACE)
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (AMBER)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY (AMBER)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (CRYSTAL)



ILLINOIS ROUTE 158 AND SPRING LAKE ROAD

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

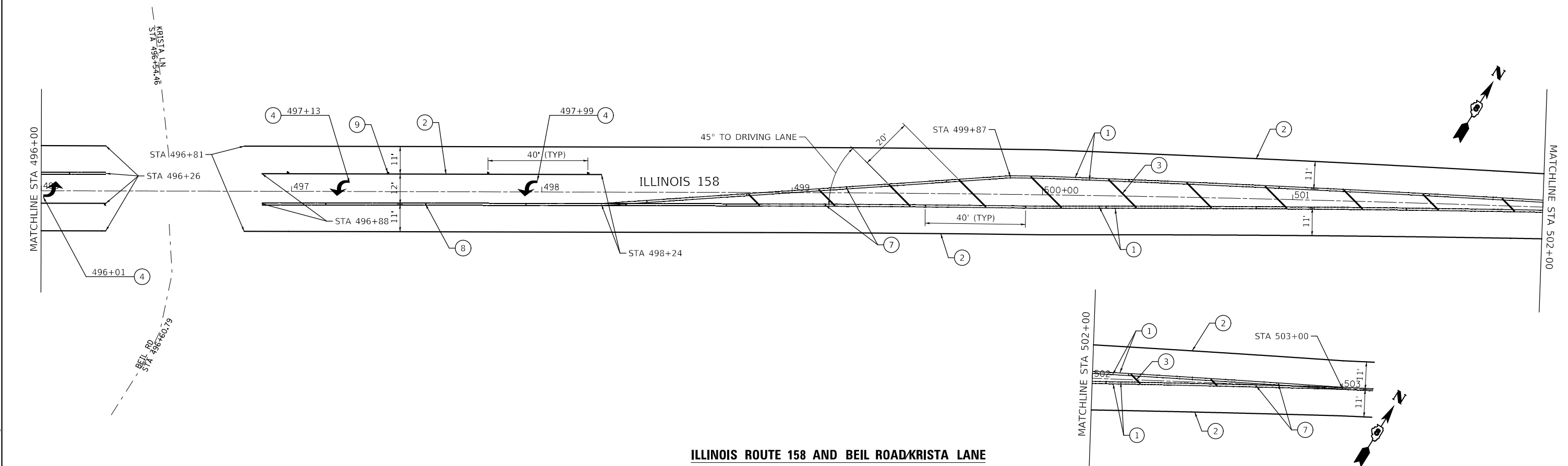
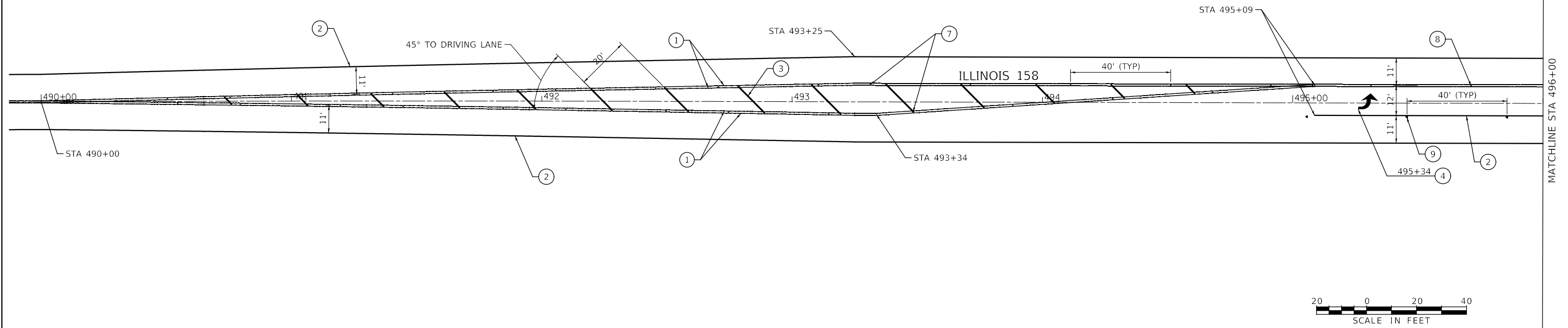
**PAVEMENT MARKING DETAILS
ILLINOIS ROUTE 158 AND SPRING LAKE ROAD**

SCALE: SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 809	SECTION 135RS-7	COUNTY ST. CLAIR	TOTAL SHEETS 20	SHEET NO. 12
CONTRACT NO. 76M12			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' LINE, 30' SPACE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE DOTTED, 2' LINE, 6' SPACE)
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (AMBER)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY (AMBER)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (CRYSTAL)



ILLINOIS ROUTE 158 AND BEIL ROAD/KRISTA LANE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

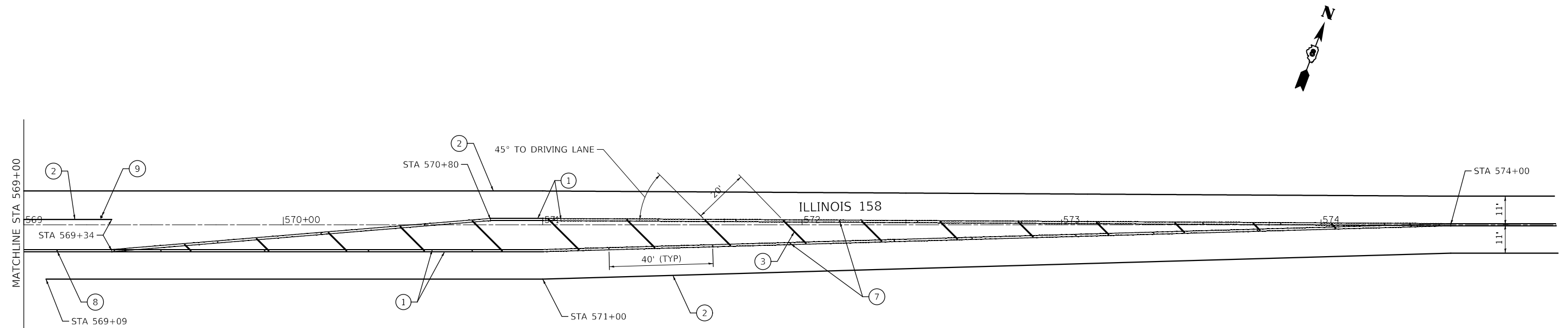
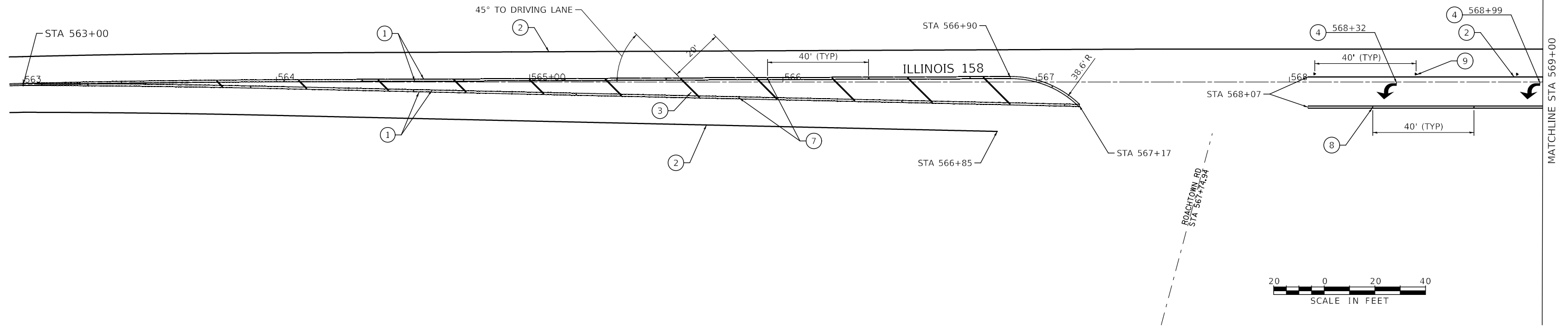
**PAVEMENT MARKING DETAILS
ILLINOIS ROUTE 158 AND BEIL ROAD/KRISTA LANE**

SCALE: SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	13
CONTRACT NO. 76M12				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' LINE, 30' SPACE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE DOTTED, 2' LINE, 6' SPACE)
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (AMBER)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY (AMBER)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (CRYSTAL)



ILLINOIS ROUTE 158 AND ROACHTOWN ROAD

MODEL: D:\64bit
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

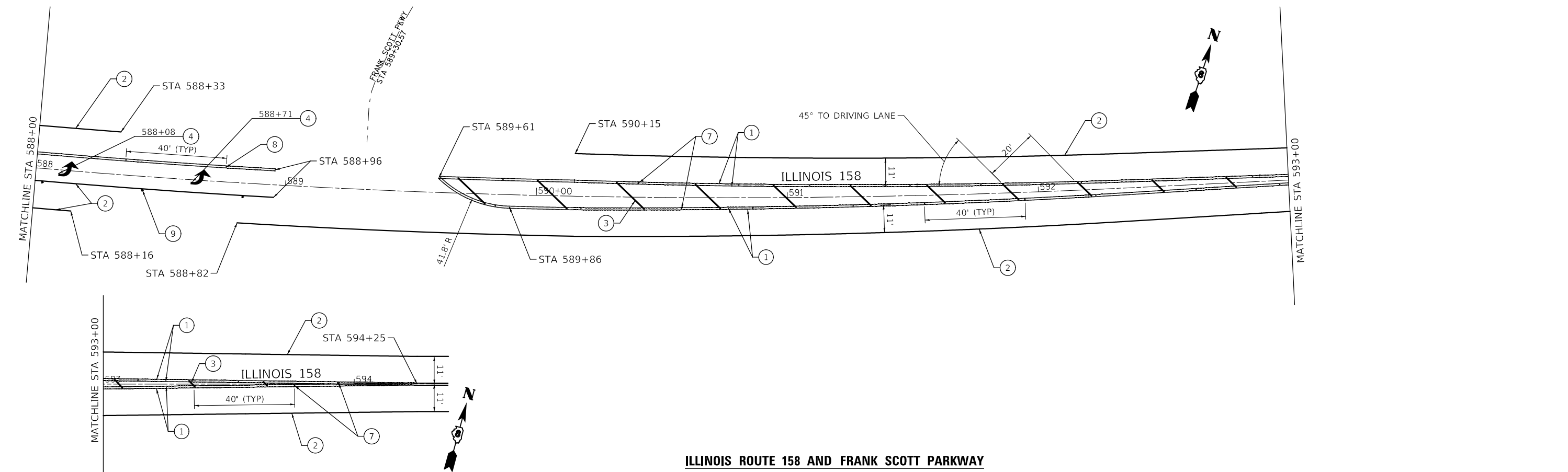
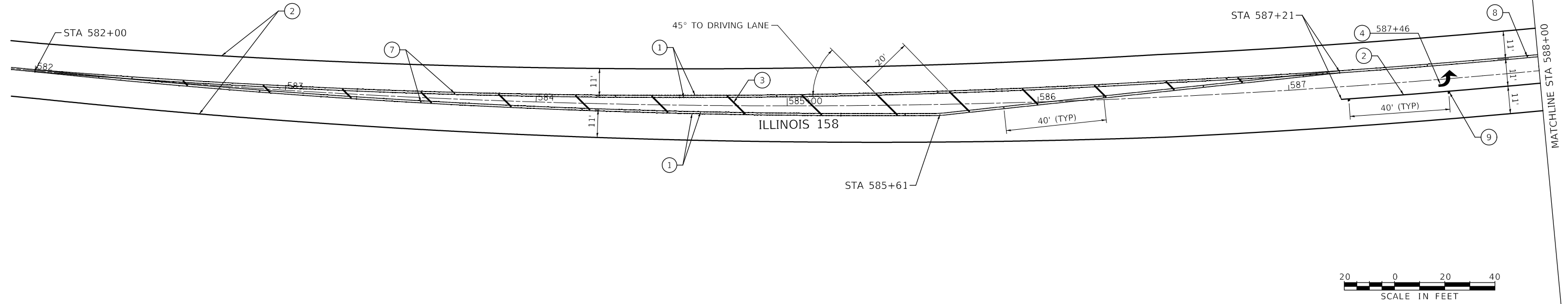
**PAVEMENT MARKING DETAILS
ILLINOIS ROUTE 158 AND ROACHTOWN ROAD**

SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	14
CONTRACT NO. 76M12				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- | | |
|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW) | ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE DOTTED, 2' LINE, 6' SPACE) |
| ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE) | ⑦ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (AMBER) |
| ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW) | ⑧ RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY (AMBER) |
| ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE) | ⑨ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (CRYSTAL) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' LINE, 30' SPACE) | |



ILLINOIS ROUTE 158 AND FRANK SCOTT PARKWAY

MODEL Dwg: 1111
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DRAWN - TWC	REVISED -	
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PLOT DATE = 1/17/2019	DATE - 1/17/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

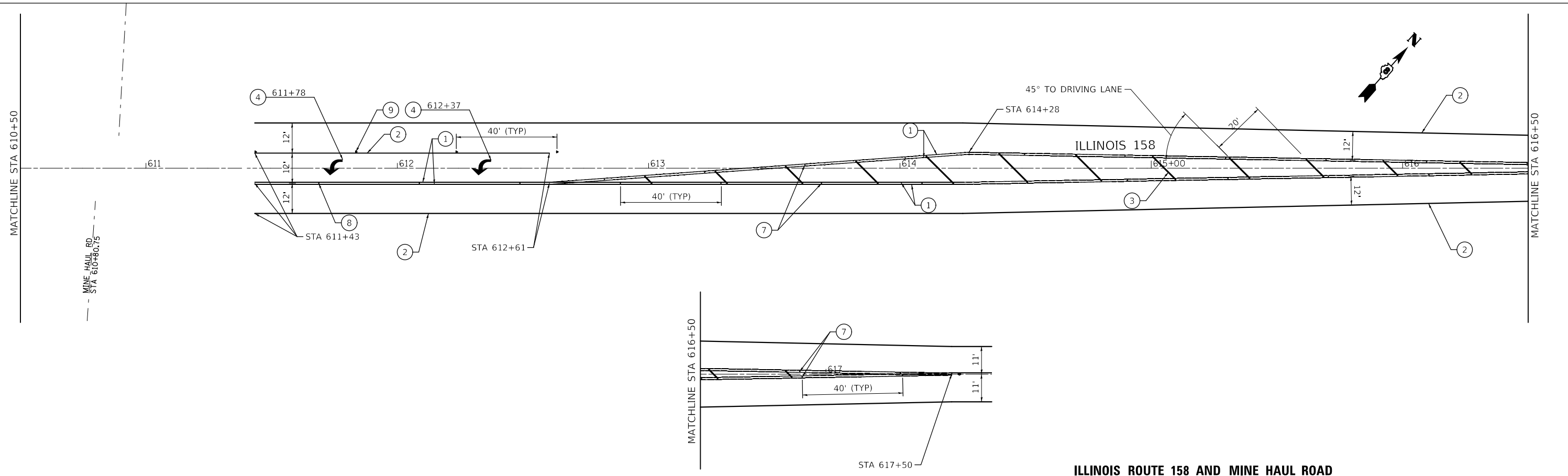
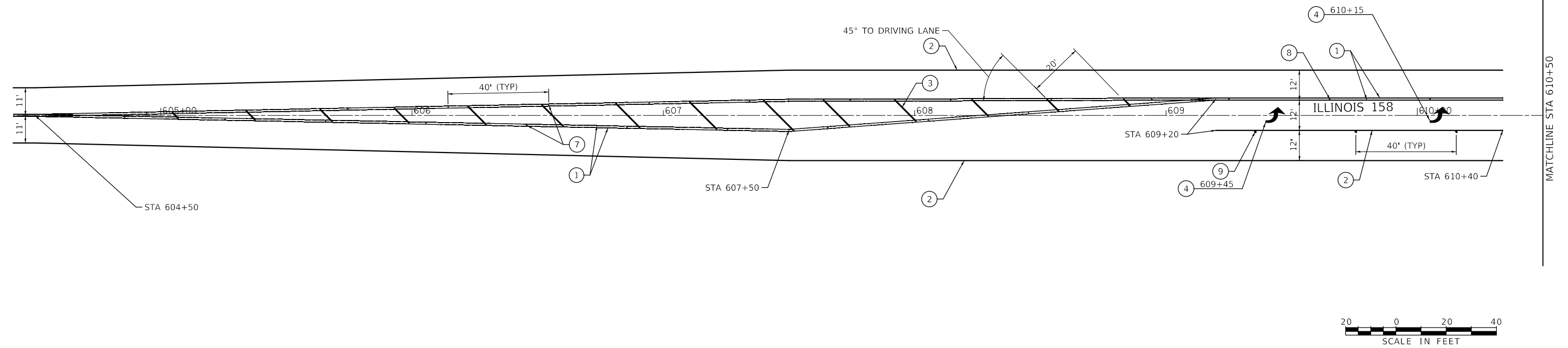
**PAVEMENT MARKING DETAILS
ILLINOIS ROUTE 158 AND FRANK SCOTT PARKWAY**

SCALE: SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	15
CONTRACT NO. 76M12				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' LINE, 30' SPACE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE DOTTED, 2' LINE, 6' SPACE)
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (AMBER)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY (AMBER)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (CRYSTAL)



ILLINOIS ROUTE 158 AND MINE HAUL ROAD

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PLOT DATE = 1/17/2019	DATE - 1/17/2019	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

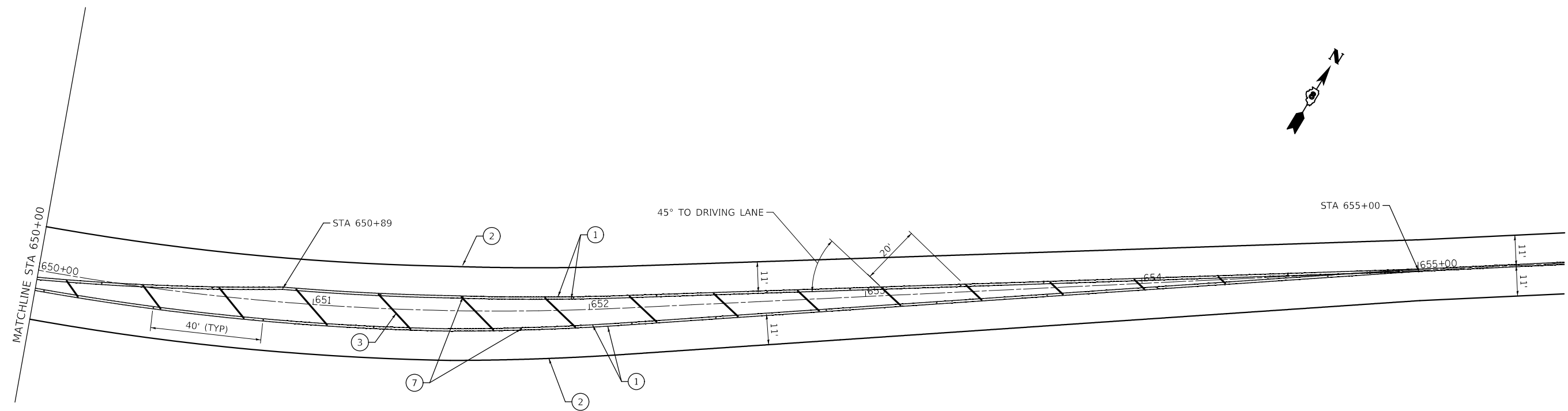
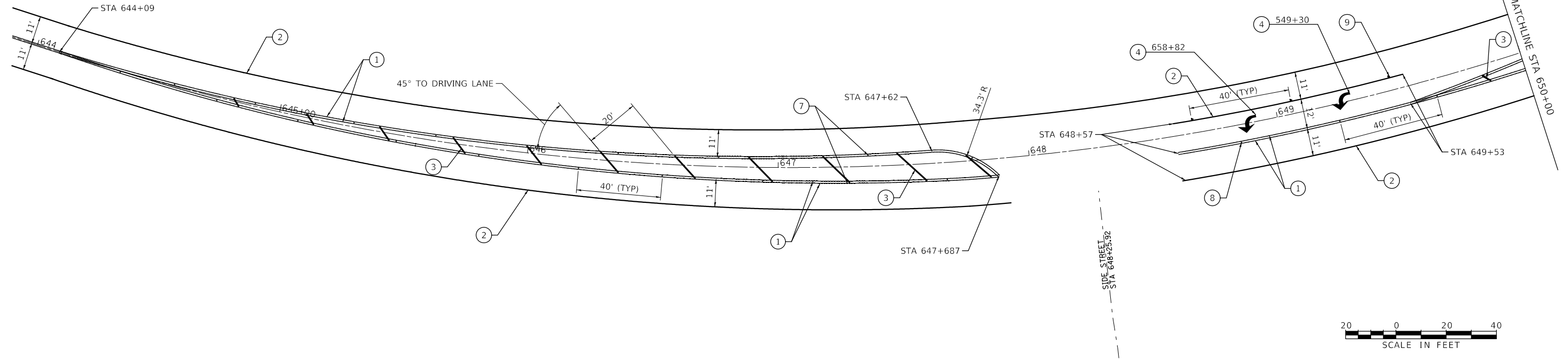
**PAVEMENT MARKING DETAILS
ILLINOIS ROUTE 158 AND MINE HAUL ROAD**

SCALE: SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. 809	SECTION 135RS-7	COUNTY ST. CLAIR	TOTAL SHEETS 20	SHEET NO. 16
CONTRACT NO. 76M12			ILLINOIS FED. AID PROJECT	

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' LINE, 30' SPACE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE DOTTED, 2' LINE, 6' SPACE)
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (AMBER)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY (AMBER)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (CRYSTAL)



ILLINOIS ROUTE 158 AND BELLE CLAIR SOCCER PARK ENTRANCE

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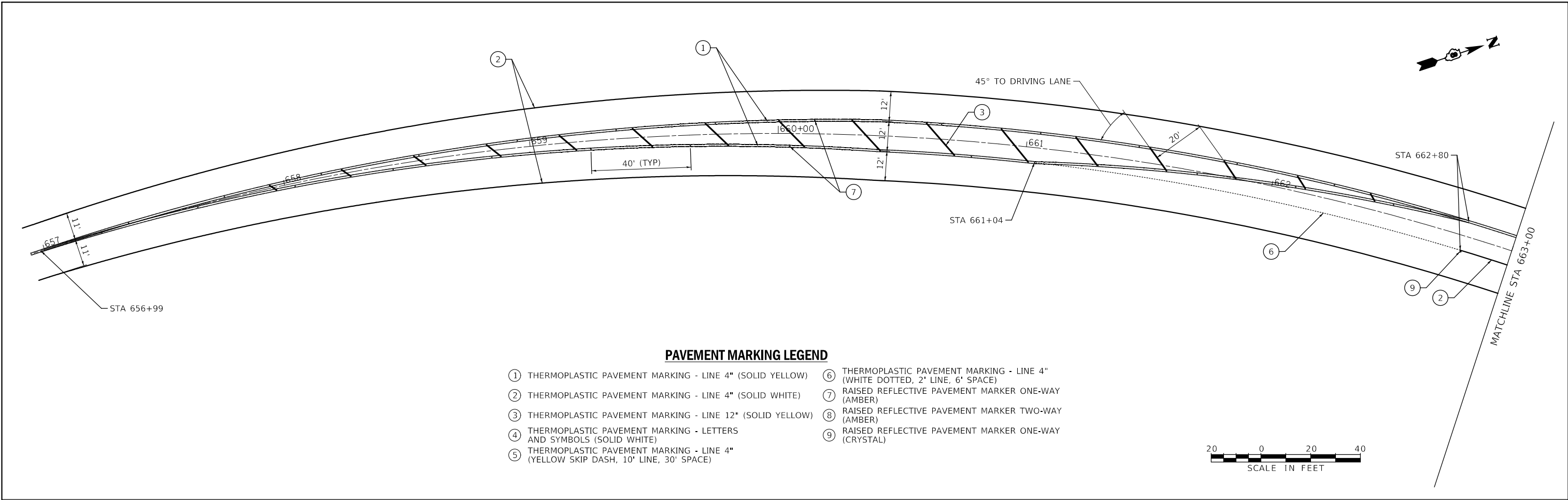
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PLOT DATE = 1/17/2019	DATE - 1/17/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
ILLINOIS ROUTE 158 AND BELLE CLAIR SOCCER PARK ENTRANCE**

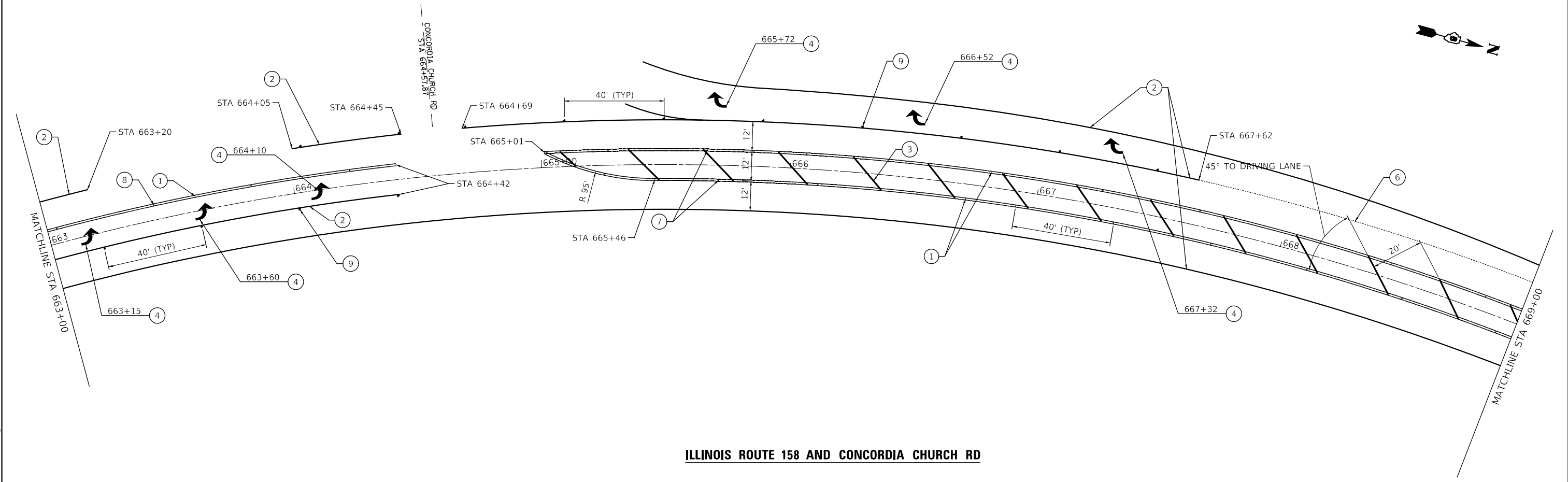
SCALE: SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	17
CONTRACT NO. 76M12				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' LINE, 30' SPACE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE DOTTED, 2' LINE, 6' SPACE)
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (AMBER)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY (AMBER)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (CRYSTAL)



ILLINOIS ROUTE 158 AND CONCORDIA CHURCH RD

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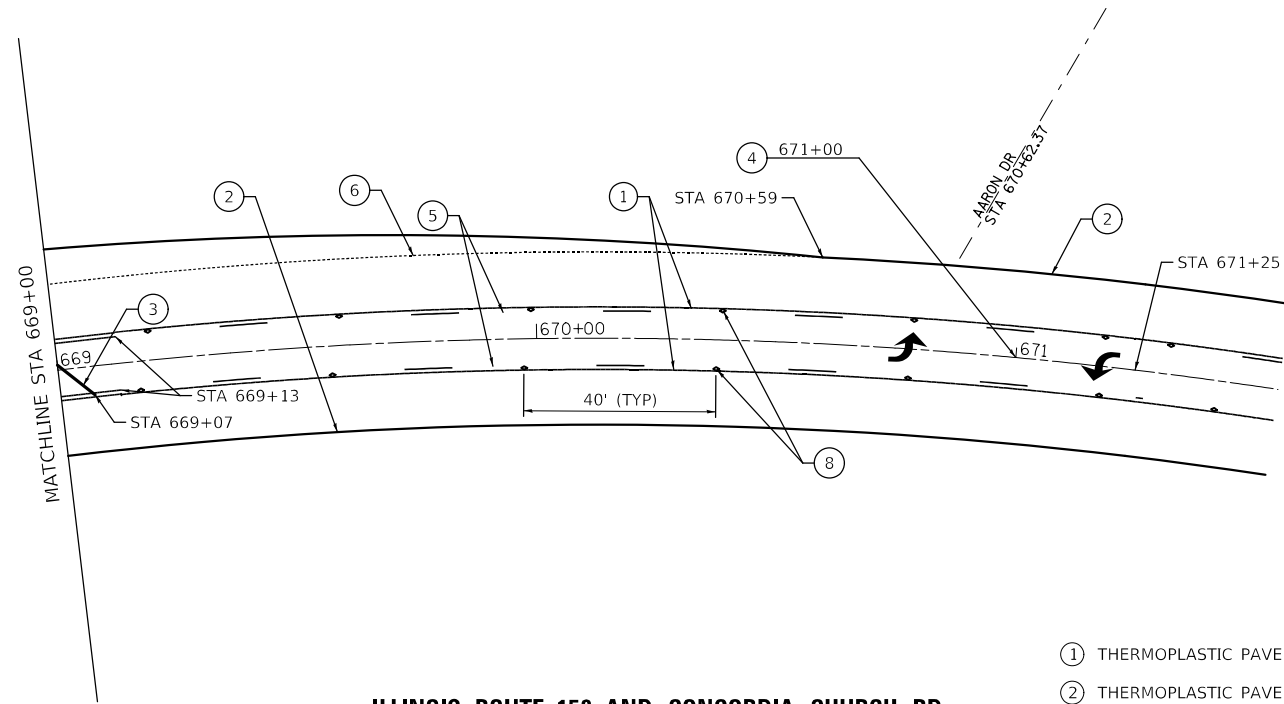
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PLOT DATE = 1/17/2019	DATE - 1/17/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
ILLINOIS ROUTE 158 AND CONCORDIA CHURCH RD**

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

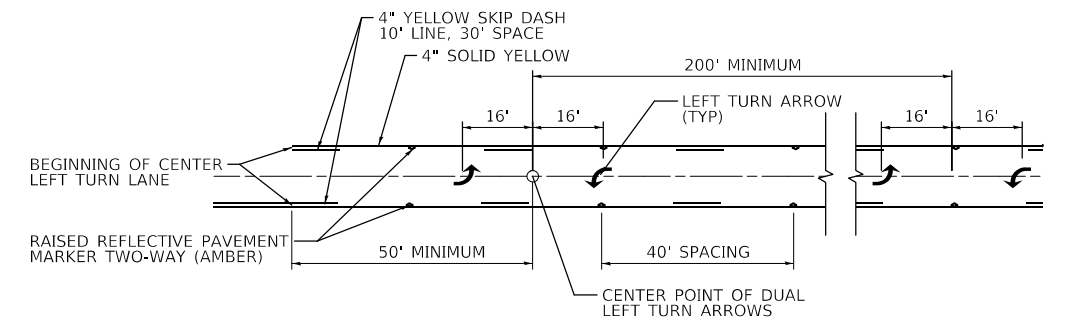
F.A.P. RTE. 809	SECTION 135RS-7	COUNTY ST. CLAIR	TOTAL SHEETS 20	SHEET NO. 18
CONTRACT NO. 76M12			ILLINOIS FED. AID PROJECT	



ILLINOIS ROUTE 158 AND CONCORDIA CHURCH RD

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' LINE, 30' SPACE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE DOTTED, 2' LINE, 6' SPACE)
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (AMBER)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY (AMBER)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (CRYSTAL)



CENTER LEFT TURN LANE MARKING DETAIL

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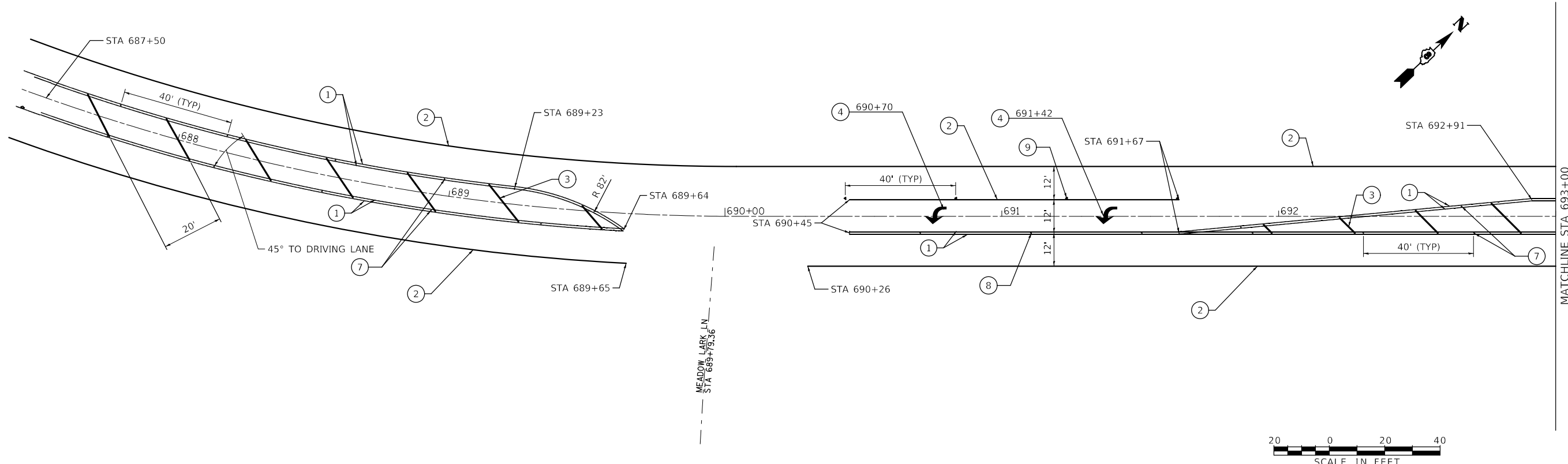
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PLOT DATE = 1/17/2019	DATE - 1/17/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING DETAILS
ILLINOIS ROUTE 158 AND CONCORDIA CHURCH RD**

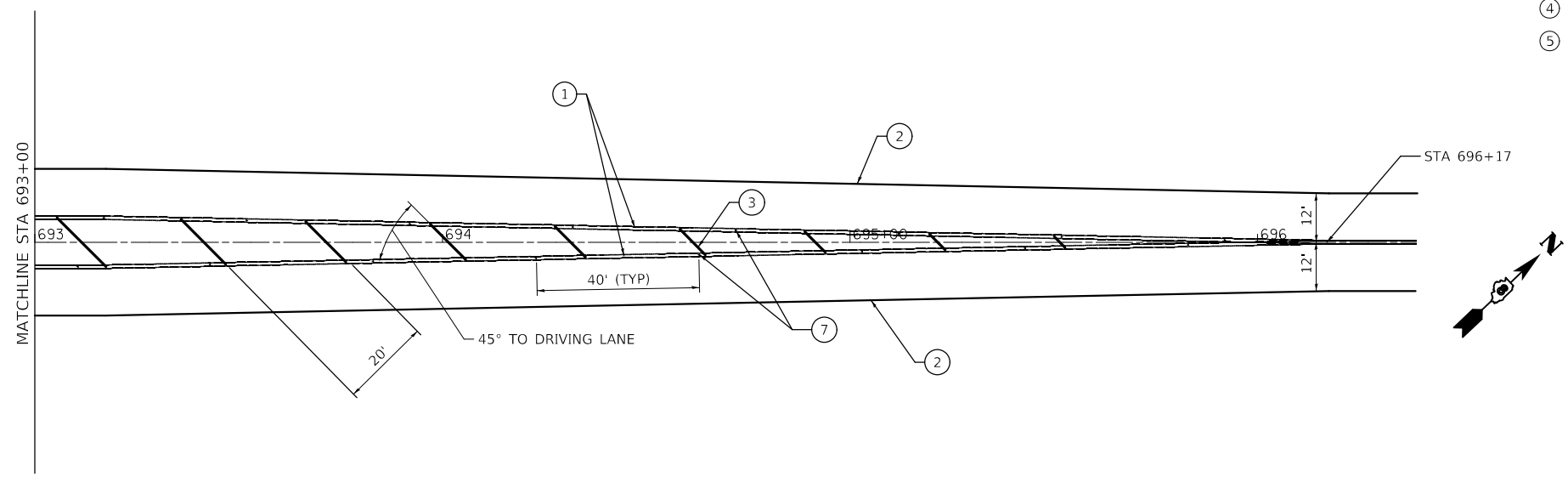
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	19
CONTRACT NO. 76M12				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID YELLOW)
- ④ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' LINE, 30' SPACE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE DOTTED, 2' LINE, 6' SPACE)
- ⑦ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (AMBER)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY (AMBER)
- ⑨ RAISED REFLECTIVE PAVEMENT MARKER ONE-WAY (CRYSTAL)



ILLINOIS ROUTE 158 AND MEADOW LARK LANE

MODEL: D:\64bit...
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DRAWN - TWC	REVISIONS -	
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PLOT DATE = 1/17/2019	DATE - 1/17/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS	
ILLINOIS ROUTE 158 AND MEADOW LARK LANE	
SCALE:	SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	135RS-7	ST. CLAIR	20	20
CONTRACT NO. 76M12				
ILLINOIS FED. AID PROJECT				