

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
678	52RS-3	ST CLAIR	14	1
		ILLINOIS	CONTRACT NO. 76U31	

D-98-021-25



FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

FAP ROUTE 678 (IL 4)
SECTION 52RS-3
PROJECT STP-VVYG(649)
DESIGNED OVERLAY AND SHOULDER REPLACEMENT
ST CLAIR COUNTY

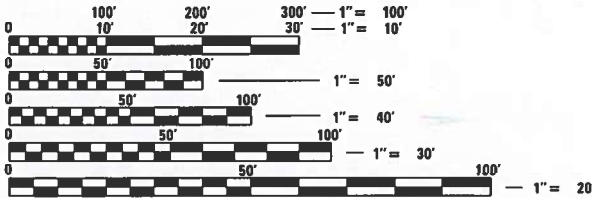
C-98-062-25

ADT JEFFERSON RD TO CORNMILL RD

2023 ADT = 3900 (ACTUAL)
2025 ADT = 3950 (ESTIMATED)
2045 ADT = 4400 (ESTIMATED)
SU = 3.1%
MU = 5.8%

ADT IL 15 TO JEFFERSON RD

2023 ADT = 2500 (ACTUAL)
2025 ADT = 2550 (ESTIMATED)
2045 ADT = 2800 (ESTIMATED)
SU = 6.8%
MU = 6.8%



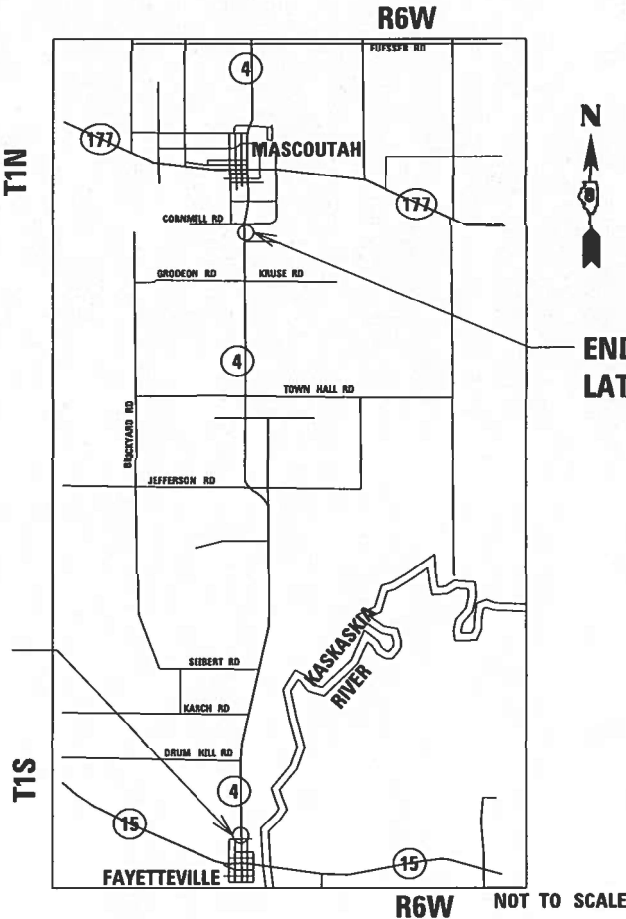
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: BILLIE OWEN
PROJECT MANAGER: MIKE BERG

CONTRACT NO. 76U31

BEGIN PROJECT STA 13+70
LAT/LONG: 38.38173, -89.79531



END PROJECT STA 385+92
LAT/LONG: 38.48108, -89.79464

NET LENGTH = 37,222 FT. = 7.05 MILE
GROSS LENGTH = 37,222 FT. = 7.05 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jul 25 2025 [Signature] REGIONAL ENGINEER

March 21 2025 [Signature] ENGINEER OF DESIGN AND ENVIRONMENT

March 21 2025 [Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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SURVEY MARKER DETAILS

GENERAL NOTES

- 1

NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
- 2

THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING, INTELLIGENT TRANSPORTATION SYSTEMS (I.T.S.) UTILITIES, AND/OR ELECTRICAL CABLES ASSOCIATED WITH TRAFFIC SIGNALS WITHIN THE PROJECT LIMITS. IF ANY OF THESE EXIST WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- 3

UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA:

UTILITY	ABOVE GROUND	BELOW GROUND
AMEREN ILLINOIS (GAS & ELECTRIC)	X	X
CLEARWAVE FIBER LLC (COMMUNICATIONS)	X	X
VILLAGE OF FAYETTEVILLE (WATER & SANITARY SEWER)		X
FRONTIER COMMUNICATIONS (COMMUNICATIONS)	X	X
FSH WATER COMMISSION (WATER)		X
CITY OF MASCOUTAH (WATER & SANITARY SEWER)		X
CITY OF MASCOUTAH (ELECTRIC)	X	X
VERIZON BUSINESS (COMMUNICATIONS)	X	X

- 4

THE FINAL MILLED SURFACE CANNOT BE OPENED TO TRAFFIC.
THE BINDER LIFT MUST BE PLACED BEFORE IT CAN BE OPENED TO TRAFFIC.
- 5

THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.

- 6

SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE BITUMINOUS SURFACE.
A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS. ONLY REMOVAL OF SHORT TERM PAVEMENT MARKING FROM THE FINAL SURFACE TO BE PAID AS 'SHORT TERM PAVEMENT MARKING REMOVAL'.
- 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

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.
- 9

THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
- 10

A QUANTITY IS INCLUDED IN THE CONTRACT FOR AGGREGATE WEDGE SHOULDER, TYPE B. THIS QUANTITY WILL BE USED ADJACENT TO THE PROPOSED HMA SHOULDERS, FOR MAILBOX TURNOUTS, AND AS DIRECTED BY THE ENGINEER. 6" DEPTH TO BE USED FOR MAILBOX TURNOUTS AND THE AREA PER STANDARD 406201. PLAN QUANTITIES FOR AGGREGATE WEDGE SHOULDER, TYPE B WERE CALCULATED USING 2 TONS/CY.

- 11

TWO (2) CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT .THEY SHALL BE PLACED TWO (2) WEEKS PRIOR TO ANY LANE CLOSURE AND SHALL REMAIN UP FOR THE DURATION OF THE PROJECT. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ALONG NB IL 4 AT ADAMS AVE AND ALONG SB IL 4 AT CORNMILL RD, AT THE DIRECTION OF THE ENGINEER.
- 12

MATERIAL TRANSFER DEVICE (MTD) CAN OPERATE IN AN UNLOADED CONDITION WITH A MAXIMUM GROSS WEIGHT OF 40 TONS FOR THE FOLLOWING STRUCTURES:
082-2459
082-2458
082-2406
082-2457
082-2456
082-2455
082-2454
082-2453

- 13

ANY SOIL DISTURBANCE AREAS MUST BE REPLACED WITH MATERIAL DURING THE SAME WORK DAY. CONTRACTOR TO PLAN ACTITIVITES ACCORDINGLY SO SOIL DISTURBANCE AREAS ARE NOT LEFT OPEN AT THE END OF THE WORK DAY.
- 14

THE INTENT OF THE PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH IS TO REMOVE THE EXISTING HMA OVERLAY BUT NOT MILL INTO THE EXISTING CONCRETE PAVEMENT. IF THE EXISTING HMA OVERLAY IS LESS THAN 3-3/4" THE CONTRACTOR SHALL NOT MILL INTO THE EXISTING CONCRETE PAVEMENT. IF THE EXISTING HMA OVERLAY IS GREATER THAN 4" THE CONTRACTOR CAN LEAVE THE REMAINING PORTION OF THE HMA OVERLAY IF IT WILL BE GREATER THAN 1", AND IF NOT GREATER THAN 1" THE CONTRACTOR SHALL SHALL MILL TO THE TOP OF THE EXISTING CONCRETE PAVEMENT.

MIXTURE REQUIREMENTS

ROUTE	FAP 678 (IL 4)	ADT (CONSTRUCTION YR)	3950
SECTION	52RS-3	MU%:	5.8
COUNTY	ST CLAIR	SU%:	3.1
CONTRACT	76U31	20 YR. ESAL'S:	1,38

DESCRIPTION:	IL 4 FROM S. OF CORNMILL ROAD TO NCL OF FAYETTEVILLE
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MIXTURE USE	SURFACE	BINDER	PATCHING	PARTIAL DEPTH PATCH
AC/PG	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
MIX COMPOSITION (GRADATION)	IL 9.5	IL 19.0	IL 19.0	IL 9.5
FRICTION AGG	MIXTURE "D"	MIXTURE "B"	MIXTURE "B"	MIXTURE "C"
QUALITY MGMT PROGRAM	QCP	QCP	QC/QA	QC/QA
MATTRANDEV REQUIRED?	YES	YES	NO	NO

	SHOULDER > 8 FEET WIDE		SHOULDER ≤ 8 FEET WIDE	
MIXTURE USE	SHOULDER (LOWER)	SHOULDER (SURFACE)	SHOULDER (LOWER)	SHOULDER (SURFACE)
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=30
MIX COMPOSITION (GRADATION)	IL 19.0L	IL 9.5L	IL 19.0L	IL 9.5L
FRICTION AGG				
QUALITY MGMT PROGRAM	QCP	QCP	QC/QA	QC/QA
MATTRANDEV REQUIRED?	NO	NO	NO	NO

PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS).

COMMITMENTS

NONE

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PLOT DATE = 1/16/2025	DATE - 01/17/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS,
GENERAL NOTES & COMMITMENTS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
678	52RS-3	ST CLAIR	14	2
		CONTRACT NO. 76U31		
		ILLINOIS	FED. AID PROJECT	

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CODE NO .	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION
				TYPE CODES
				80% FED
				20% STATE ROADW AY 0005 RURAL
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	722	722
31102200	SUBBASE GRANULAR MATERIAL, TYPE C 5"	SQ YD	32,032	32,032
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	12,815	12,815
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	126,675	126,675
40600370	LONGITUDINAL JOINT SEALANT	FOOT	76,845	76,845
40600405	MATERIAL TRANSFER DEVICE	TON	22,835	22,835
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	13,700	13,700
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	9,135	9,135
42001300	PROTECTIVE COAT	SQ YD	430	430
44000400	GUTTER REMOVAL	FOOT	2,088	2,088
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	141.8	141.8
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	15.3	15.3
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	42.8	42.8
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3,230	3,230

CODE NO .	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION
				TYPE CODES
				80% FED
				20% STATE ROADW AY 0005 RURAL
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	32,032	32,032
60602800	CONCRETE GUTTER, TYPE B	FOOT	2,088	2,088
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	74,444	74,444
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	430	430
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9,826	9,826
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,638	1,638
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	62	62
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	94,944	94,944
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	550	550

* SPECIALTY ITEM



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
678	52R5-3	ST CLAIR	14	3
CONTRACT NO. 76U31				
ILLINOIS FED. AID PROJECT				

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CODE NO .	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES	
				80% FED	
				20% STATE	
				ROADWAY	0005 RURAL
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62	62
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	94,944	94,944
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	550	550
*	78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	3,380	3,380
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	521	521
*	78200010	BARRIER WALL REFLECTORS, TYPE B	EACH	10	10
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	521	521
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	48,030	48,030
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	108,717	108,717
	X6420112	CENTER LINE - RUMBLE STRIP - 8"	FOOT	1,690	1,690
Ø	Z0076600	TRAINEES	HOURL	1500	1500
Ø	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	1500	1500

Ø 0042
* SPECIALTY ITEM

REV - MS



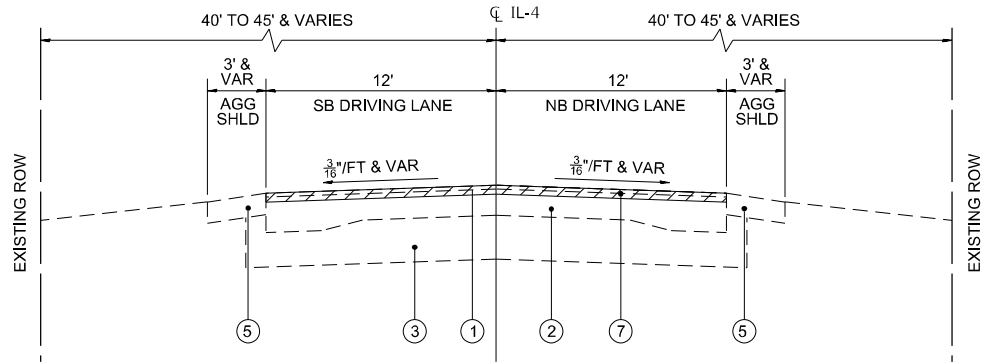
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

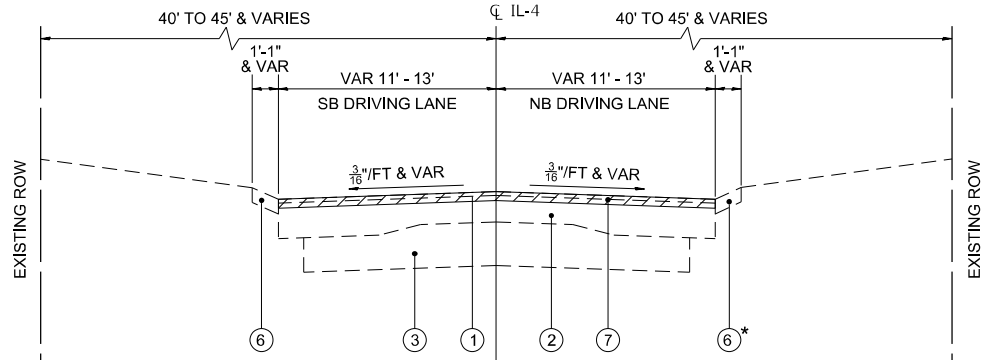
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
678	52R5-3	ST CLAIR	14	4
CONTRACT NO. 76U31				
		ILLINOIS	FED. AID PROJECT	



EXISTING TYPICAL SECTION

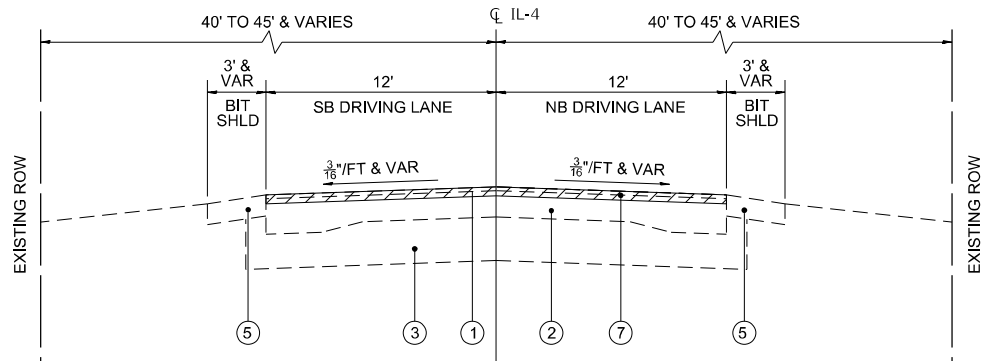
STA. 13+70 TO STA. 201+06
STA. 238+84 TO STA. 325+40
STA. 336+20 TO STA. 385+92



EXISTING TYPICAL SECTION

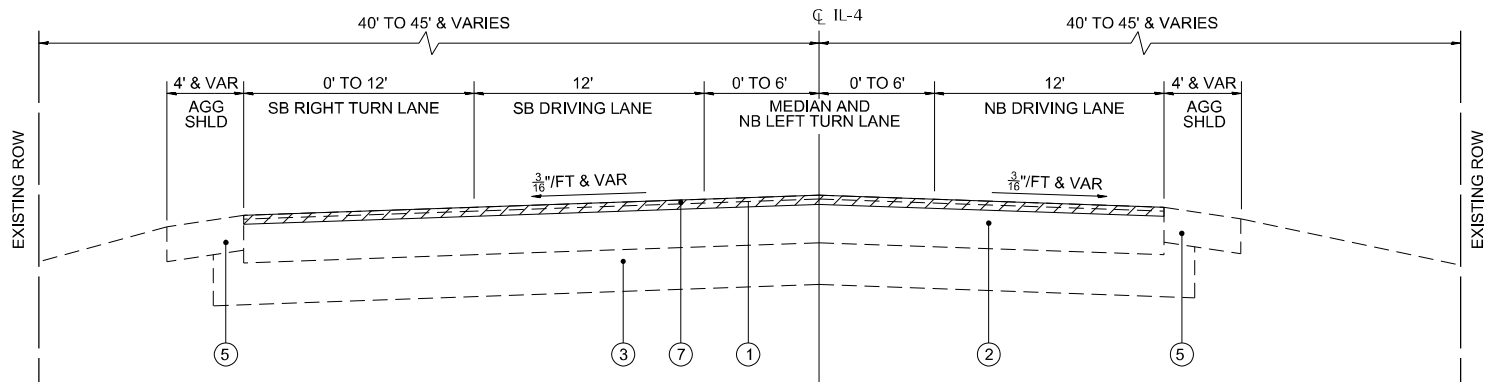
STA. 201+06 TO STA. 212+92

* STA. 201+16 TO STA. 210+17



EXISTING TYPICAL SECTION

STA. 212+92 TO STA. 238+84



EXISTING TYPICAL SECTION

STA. 325+40 TO STA. 336+20

LEGEND

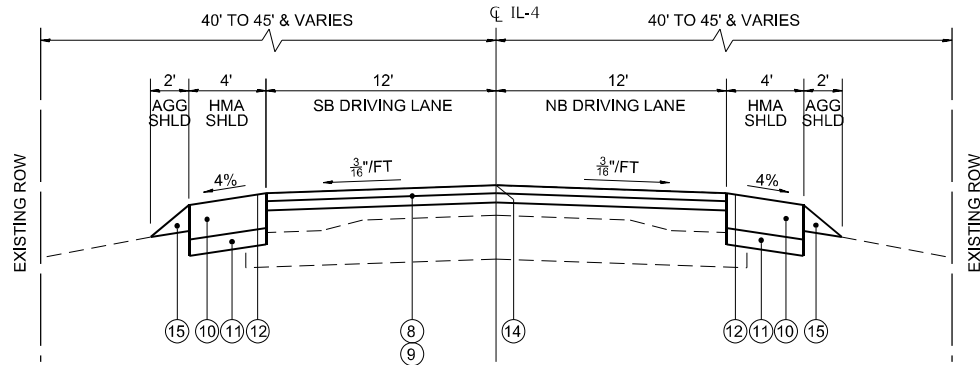
- ① EXISTING BITUMINOUS OVERLAY +/-4"
- ② EXISTING 9-6-9 CONCRETE PAVEMENT
- ③ EXISTING SUBBASE
- ④ EXISTING BITUMINOUS SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING GUTTER TO BE REMOVED (SEE NOTE 1)
- ⑦ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH (3" TO 3 3/4")
- ⑧ PROPOSED HMA OVERLAY, SURFACE COURSE 1 1/2"
- ⑨ PROPOSED HMA OVERLAY, BINDER COURSE 2 1/4"
- ⑩ PROPOSED HMA SHOULDERS, 8"
- ⑪ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C 5"
- ⑫ PROPOSED SHOULDER - RUMBLE STRIP - 8"
- ⑬ PROPOSED CENTERLINE - RUMBLE STRIP - 8"
- ⑭ PROPOSED LONGITUDINAL JOINT SEALANT
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑯ PROPOSED CONCRETE GUTTER, TYPE B

NOTES

1. EXISTING GUTTER IS 3'-3" IN WIDTH, 6" IN DEPTH. A PORTION OF EXISTING GUTTER WAS PAVED OVER WITH ASPHALT FROM A PREVIOUS OVERLAY.

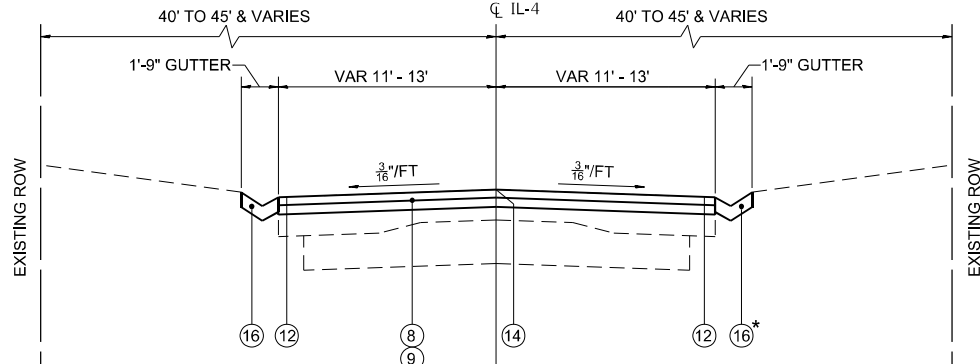
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678	52R5-3	ST CLAIR	14	5
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ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

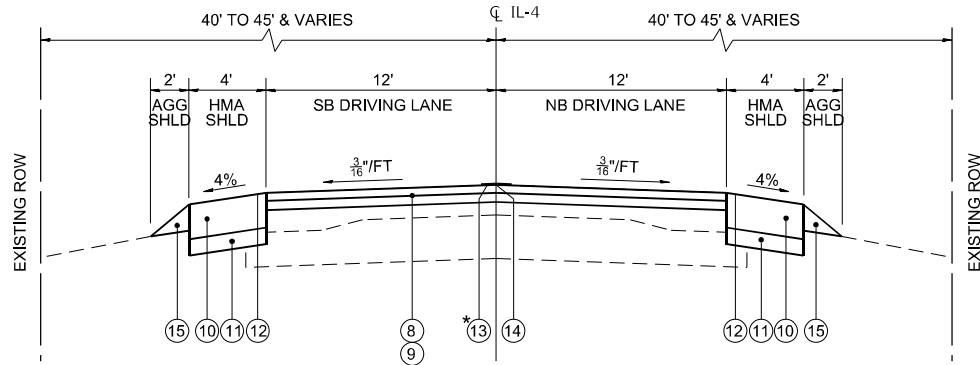
STA. 13+70 TO STA. 201+06
STA. 238+84 TO STA. 325+40
STA. 336+20 TO STA. 385+92



PROPOSED TYPICAL SECTION

STA. 201+06 TO STA. 212+92

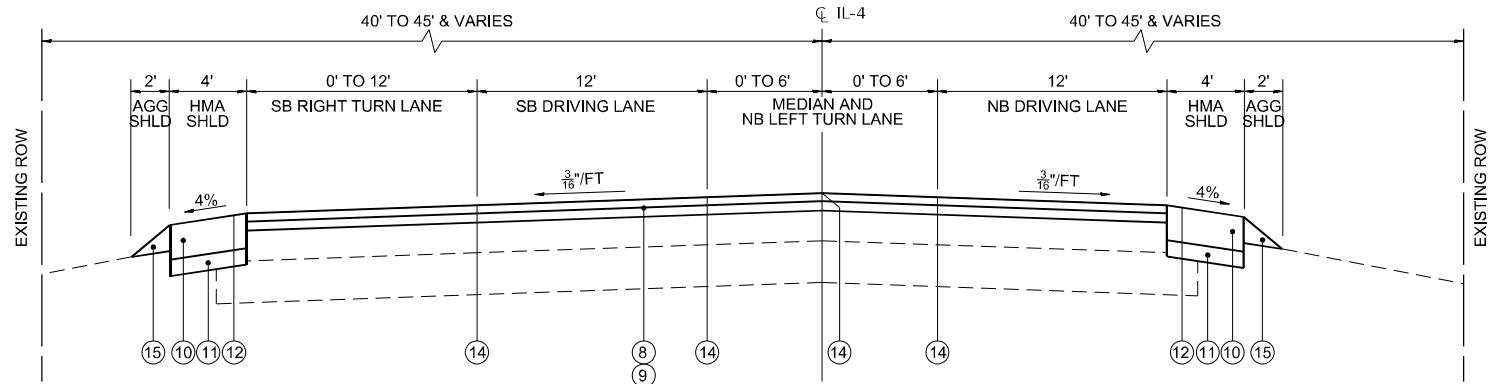
* STA. 201+16 TO STA. 210+17



PROPOSED TYPICAL SECTION

STA. 212+92 TO STA. 238+84

* STA. 212+92 TO STA. 229+82



PROPOSED TYPICAL SECTION

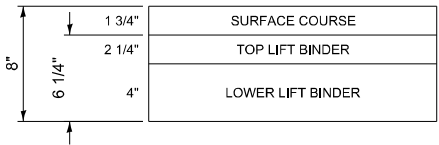
STA. 325+40 TO STA. 336+20

LEGEND

- ① EXISTING BITUMINOUS OVERLAY +/-4"
- ② EXISTING 9-6-9 CONCRETE PAVEMENT
- ③ EXISTING SUBBASE
- ④ EXISTING BITUMINOUS SHOULDER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING GUTTER TO BE REMOVED (SEE NOTE 1)
- ⑦ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH (3" TO 3 3/4")
- ⑧ PROPOSED HMA OVERLAY, SURFACE COURSE 1 1/2"
- ⑨ PROPOSED HMA OVERLAY, BINDER COURSE 2 1/4"
- ⑩ PROPOSED HMA SHOULDERS, 8"
- ⑪ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C 5"
- ⑫ PROPOSED SHOULDER - RUMBLE STRIP - 8"
- ⑬ PROPOSED CENTERLINE - RUMBLE STRIP - 8"
- ⑭ PROPOSED LONGITUDINAL JOINT SEALANT
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑯ PROPOSED CONCRETE GUTTER, TYPE B

NOTES

- EXISTING GUTTER IS 3'-3" IN WIDTH, 6" IN DEPTH. A PORTION OF EXISTING GUTTER WAS PAVED OVER WITH ASPHALT FROM A PREVIOUS OVERLAY.
- LIFT DETAILS FOR HOT-MIX ASPHALT SHOULDERS, 8"



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PLOT DATE = 1/15/2025	DATE - 01/17/25	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
678	52R5-3	ST CLAIR	14	6
CONTRACT NO. 76U31				
ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE						
LOCATION			BITUMINOUS MATERIALS (TACK COAT) 2 LIFTS	HMA SURFACE COURSE, IL-9.5, MIX "D", N70 1-1/2"	HMA BINDER COURSE, IL- 19.0, N70 2-1/4"	HMA SURFACE REMOVAL, VARIABLE DEPTH
STA	TO	STA	(POUNDS)	(TON)	(TON)	(SQ YD)
IL 4						
13+70	TO	325+40	81936	7650	11472	91040
325+40	TO	336+20	2839	265	398	3155
336+20	TO	385+92	13070	1220	1830	14522
SUBTOTAL:			97845	9135	13700	108717
TOTAL:			97845	9135	13700	108717

RAISED PAVEMENT MARKERS						
LOCATION			RAISED REFLECTOR PAVEMENT MARKER ONE- WAY AMBER	RAISED REFLECTOR PAVEMENT MARKER ONE- WAY CRYSTAL	RAISED REFLECTOR PAVEMENT MARKER TWO-WAY AMBER	RAISED REFLECTOR PAVEMENT MARKER REMOVAL
STA	TO	STA	(EACH)	(EACH)	(EACH)	(EACH)
IL 4						
13+70	TO	324+20			389	389
324+20	TO	325+40			6	6
325+40	TO	336+20	44	7	8	59
336+20	TO	337+40			6	6
337+40	TO	387+37			61	61
SUBTOTAL:			44	7	470	521
TOTAL:				521		521

SHOULDER SCHEDULE							
LOCATION			BITUMINOUS MATERIALS (TACK COAT) 2 LIFTS	BITUMINOUS MATERIALS (PRIME COAT) 1 LIFT	HMA SHOULDERS 8"	SUBBASE GRANULAR MATERIAL, TYPE C 5"	EXCAVATING AND GRADING EXISTING SHOULDER
STA	TO	STA	(POUNDS)	(POUNDS)	(SQ YD)	(SQ YD)	(UNIT)
IL 4 - RIGHT							
13+70.00	TO	201+06.00	7727	3320	8327	8327	188
201+06.00	TO	212+92.00					
212+92.00	TO	385+92.00	6688	3075	7689	7689	173
IL-4 - LEFT							
13+70.00	TO	201+06.00	7727	3345	8327	8327	188
201+06.00	TO	212+92.00					
212+92.00	TO	385+92.00	6688	3075	7689	7689	173
MAILBOX TURNOUTS						560	
SUBTOTAL:			28830	12815	32032	32032	722
TOTAL:			28830	12815	32032	3230	722

CENTER LINE RUMBLE STRIPS			
LOCATION			CENTER LINE - RUMBLE STRIP - 8"
STA	TO	STA	(FOOT)
212+92	TO	229+82	1690
TOTAL:			1690

SHOULDER RUMBLE STRIPS			
LOCATION			SHOULDER RUMBLE STRIPS, 8 INCH
STA	TO	STA	(FOOT)
IL 4 - RIGHT			
13+70	TO	212+92	19922
212+92	TO	229+82	1690
229+82	TO	385+92	15610
IL 4 - LEFT			
13+70	TO	212+92	19922
212+92	TO	229+82	1690
229+82	TO	385+92	15610
TOTAL:			74444

LONGITUDINAL JOINT SEALANT			
STA	TO	STA	(FOOT)
IL-4			
13+70	TO	328+70	63000
328+70	TO	334+70	3600
334+70	TO	385+92	10245
TOTAL:			76845

PAVEMENT PATCHING					
IL-4					
STA	NB/SB	LENGTH (FT)	WIDTH (FT)	AREA (SQ YD)	PATCH TYPE
10+56	NB	10	11	12.2	CLASS D PATCHES, TYPE II, 13 INCH
26+40	NB	10	5.5	6.1	CLASS D PATCHES, TYPE II, 13 INCH
42+24	NB	20	5.5	12.2	CLASS D PATCHES, TYPE II, 13 INCH
68+64	NB	6	11	7.3	CLASS D PATCHES, TYPE II, 13 INCH
100+32	NB	70	5.5	42.8	CLASS D PATCHES, TYPE III, 13 INCH
137+28	NB	6	11	7.3	CLASS D PATCHES, TYPE II, 13 INCH
137+28	SB	6	11	7.3	CLASS D PATCHES, TYPE II, 13 INCH
137+28	NB	12	11	14.7	CLASS D PATCHES, TYPE II, 13 INCH
211+20	NB	10	11	12.2	CLASS D PATCHES, TYPE II, 13 INCH
248+16	NB	15	5.5	9.2	CLASS D PATCHES, TYPE II, 13 INCH
269+28	NB	15	5.5	9.2	CLASS D PATCHES, TYPE II, 13 INCH
269+28	SB	12	5.5	7.3	CLASS D PATCHES, TYPE II, 13 INCH
290+40	NB	8	11	9.8	CLASS D PATCHES, TYPE II, 13 INCH
290+40	SB	6	11	7.3	CLASS D PATCHES, TYPE II, 13 INCH
295+68	NB	25	5.5	15.3	CLASS D PATCHES, TYPE IV, 13 INCH
337+92	SB	6	11	7.3	CLASS D PATCHES, TYPE II, 13 INCH
353+76	NB	20	5.5	12.2	CLASS D PATCHES, TYPE II, 13 INCH
TOTAL				199.9	

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PLOT DATE = 1/16/2025	DATE - 01/17/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
678	52R5-3	ST CLAIR	14	7
CONTRACT NO. 76U31				
		ILLINOIS	FED. AID PROJECT	

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PAVEMENT MARKING SCHEDULE														
LOCATION			PAINT PAVEMENT MARKING, THERMOPLASTIC PAVEMENT MARKING, AND TEMPORARY PAVEMENT MARKING									SHORT-TERM PAVEMENT MARKING (2 LIFT) (WHITE)	SHORT-TERM PAVEMENT MARKING (2 LIFT) (YELLOW)	SHORT TERM PAVEMENT MARKING REMOVAL
			LINE, 6" DOUBLE SOLID YELLOW LINE PAINT	LINE, 6" SOLID (WHITE) THERMOPLASTIC	LINE, 6" DOUBLE SOLID YELLOW LINE THERMOPLASTIC	LINE, 6" SKIP- DASH (YELLOW) THERMOPLASTIC	LINE, 6" NO PASS NB (YELLOW) THERMOPLASTIC	LINE, 6" NO PASS SB (YELLOW) THERMOPLASTIC	LINE, 6" SKIP-DASH (WHITE) THERMOPLASTIC	DIAGONAL LINE 12" SOLID (YELLOW) THERMOPLASTIC	LETTERS & SYMBOLS (WHITE) THERMOPLASTIC			
STA	TO	STA	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	SQ FT
IL 4														
13+70	TO	51+85		7630		964							694	116
51+85	TO	59+70		1570		206	785						286	48
59+70	TO	61+70		400		60							38	6
61+70	TO	70+70		1800		235		900					328	55
70+70	TO	108+82		7624		963							694	116
108+82	TO	117+17		1670		219	835						304	51
117+17	TO	118+17		200		35							20	3
118+17	TO	130+17		2400		310		1200					438	73
130+17	TO	200+77		14120		1775							1284	214
200+77	TO	206+92		1230		164	615						224	37
206+92	TO	212+92		1200	1200								328	55
212+92	TO	229+82	3380	3380									922	154
229+82	TO	237+82		1600		210		800					292	49
237+82	TO	325+40		17516		2200							1594	266
325+40	TO	336+20		2460	3722				85	550	62	336	874	202
336+20	TO	371+37		7034		889							640	107
371+37	TO	385+92		2910		374	1455						530	88
SUBTOTAL:			3380	74744	4922	8603	3690	2900	85	550	62	336	9490	1638
TOTAL:			3380	94944						550	62	9826	1638	



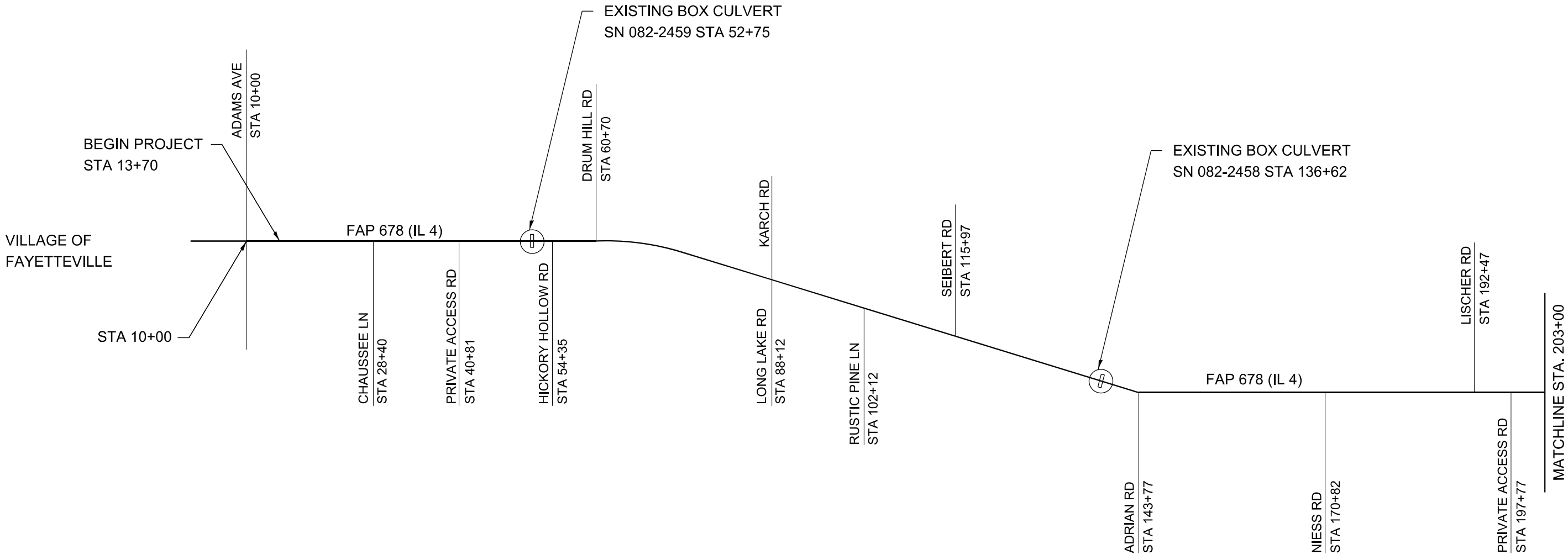
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PLOT DATE = 1/16/2025	DATE - 01/17/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
678	52R5-3	ST CLAIR	14	8
CONTRACT NO. 76U31				
ILLINOIS FED. AID PROJECT				



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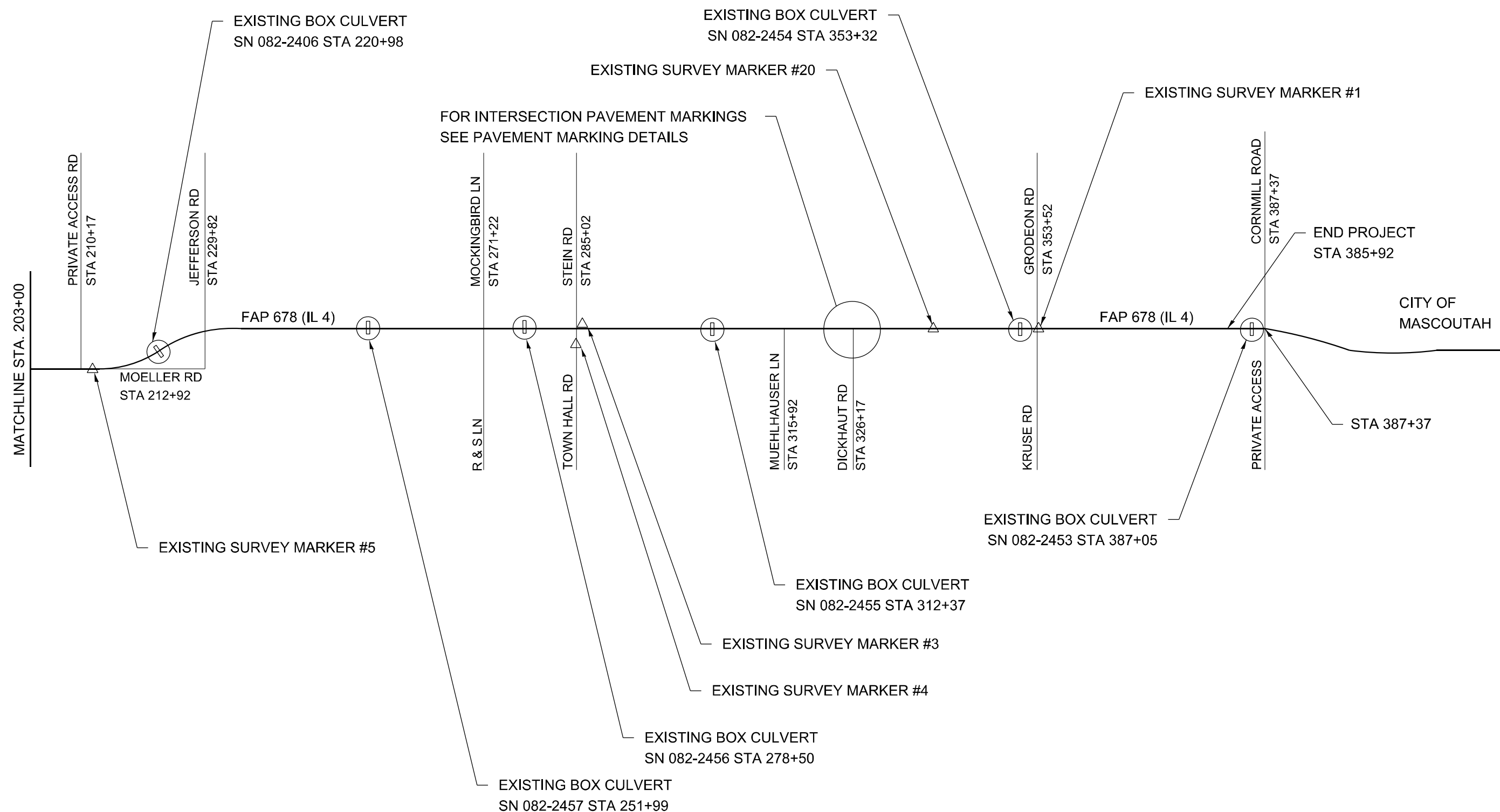


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PLOT DATE = 1/15/2025	DATE - 01/17/25	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP			
SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.

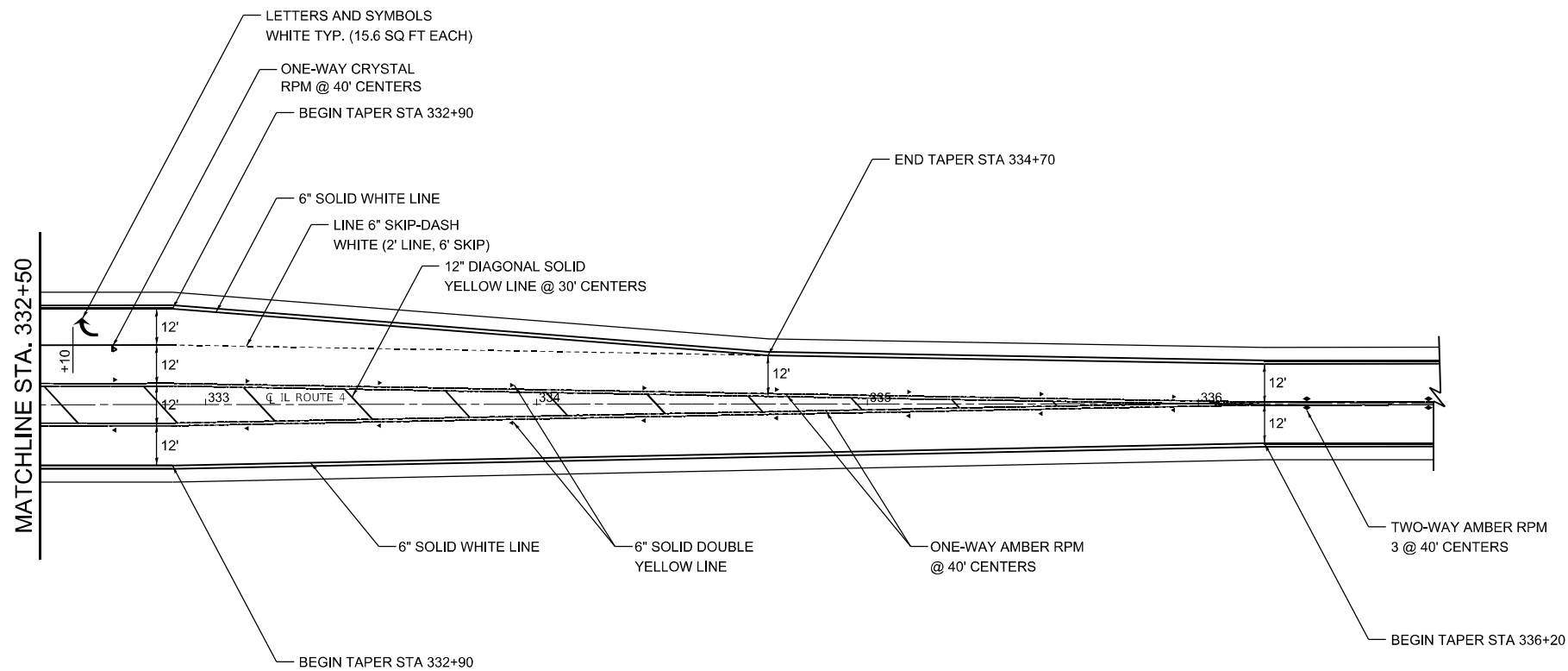
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678	52R5-3	ST CLAIR	14	9
CONTRACT NO. 76U31				
ILLINOIS FED. AID PROJECT				



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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
678	52RS-3	ST CLAIR	14	10
		CONTRACT NO. 76U31		
		ILLINOIS	FED. AID PROJECT	



RAISED REFLECTIVE PAVEMENT MARKERS (SEE HIGHWAY STANDARD)

- ◀ ONE-WAY AMBER MARKER
- ◆ TWO-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER

NOT TO SCALE

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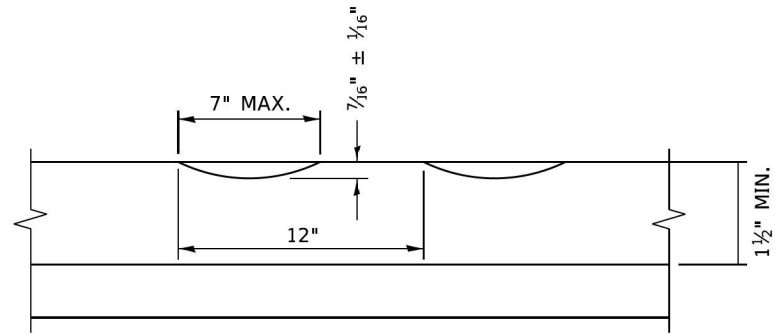
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DEPARTMENT OF TRANSPORTATION

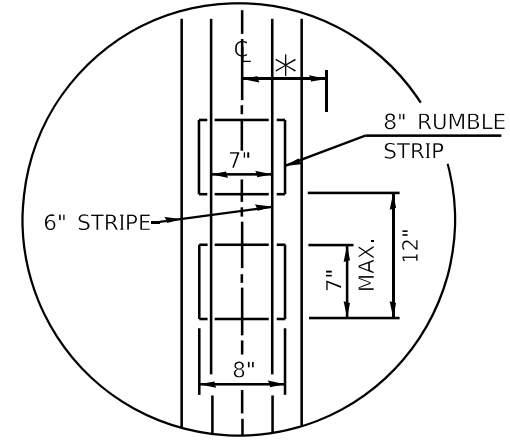
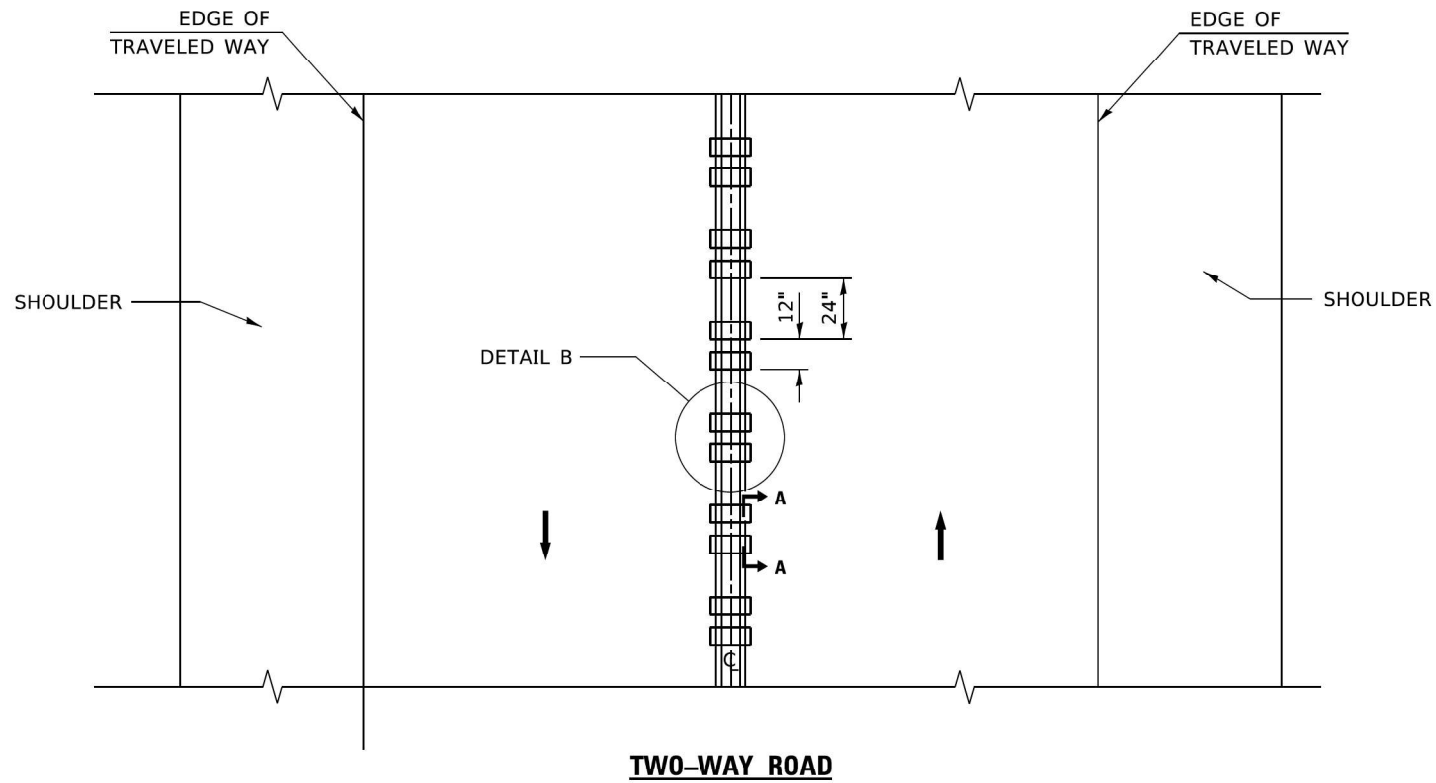
PAVEMENT MARKING DETAIL
INTERSECTION IL-4 AND DICKHAUT RD /COMMERCIAL ENTRANCES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
678	52R5-3	ST CLAIR	14	12
CONTRACT NO. 76U31				
ILLINOIS FED. AID PROJECT				



SECTION A-A



* LATERAL DEVIATION SHALL NOT EXCEED ONE INCH IN 100 FEET.

DETAIL B

GENERAL NOTES

1. CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.
2. SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS.
3. RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.
4. ALL RUMBLE STRIPS SHALL BE MILLED.
5. CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.
6. DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.
7. AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEPED CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.
8. WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

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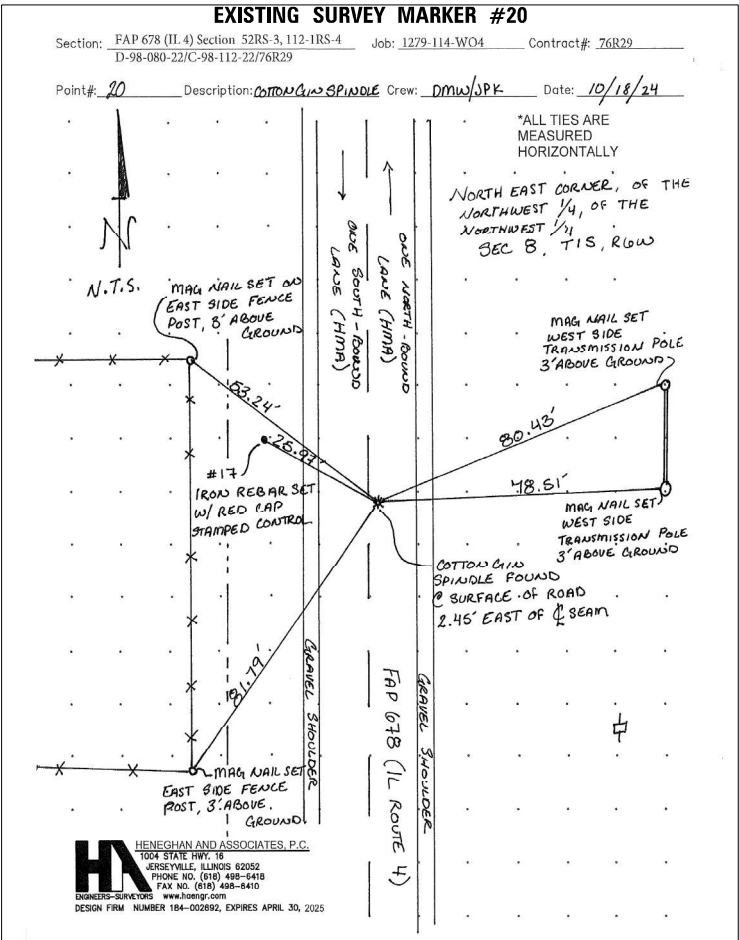
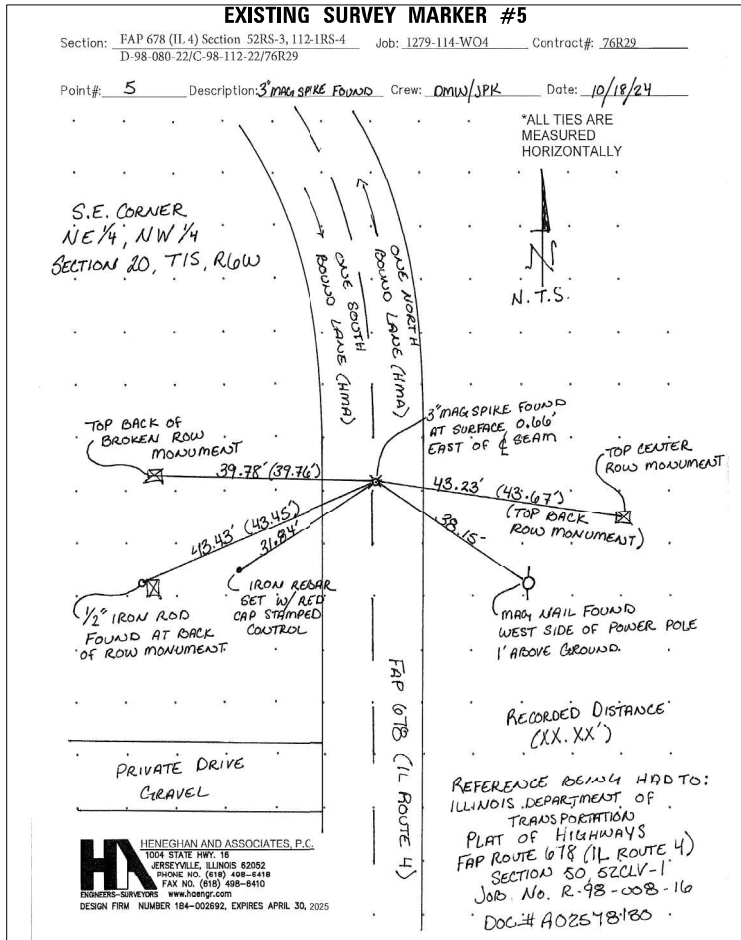
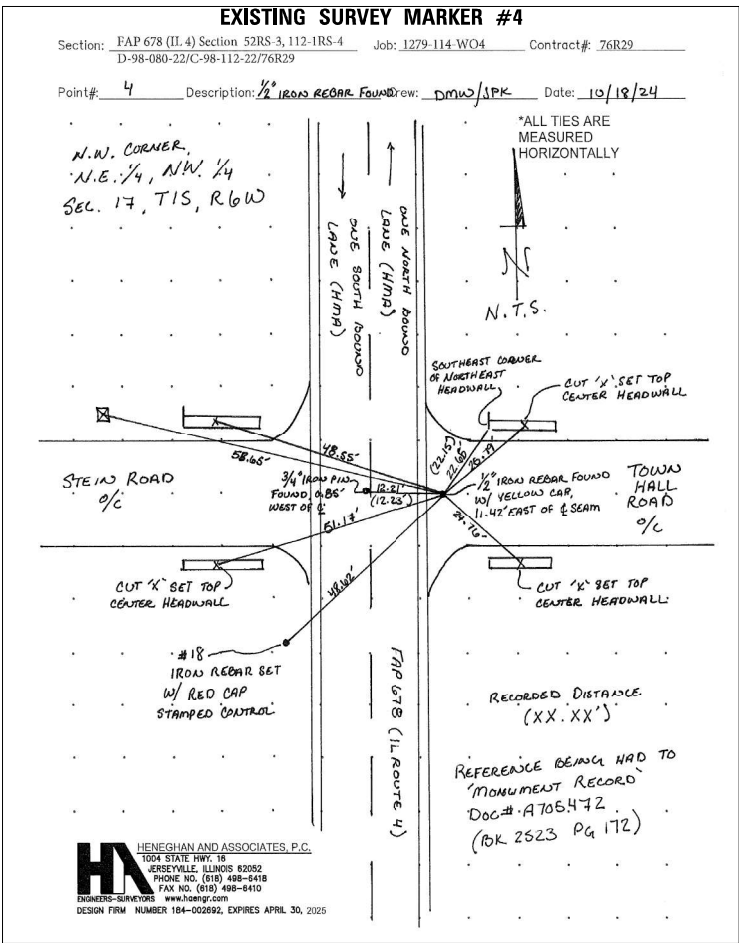
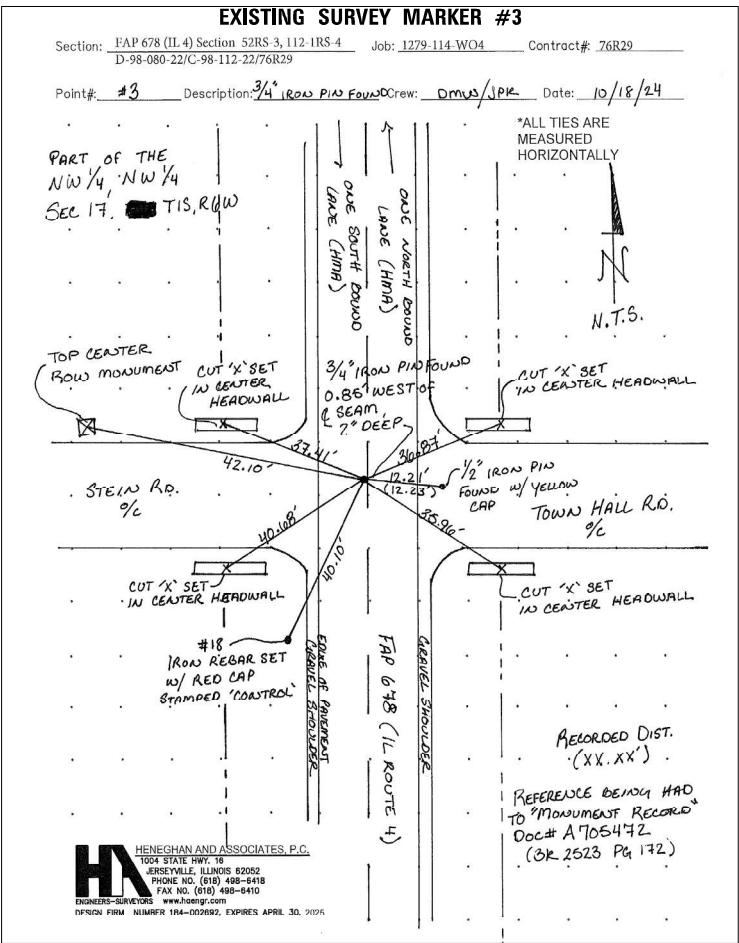
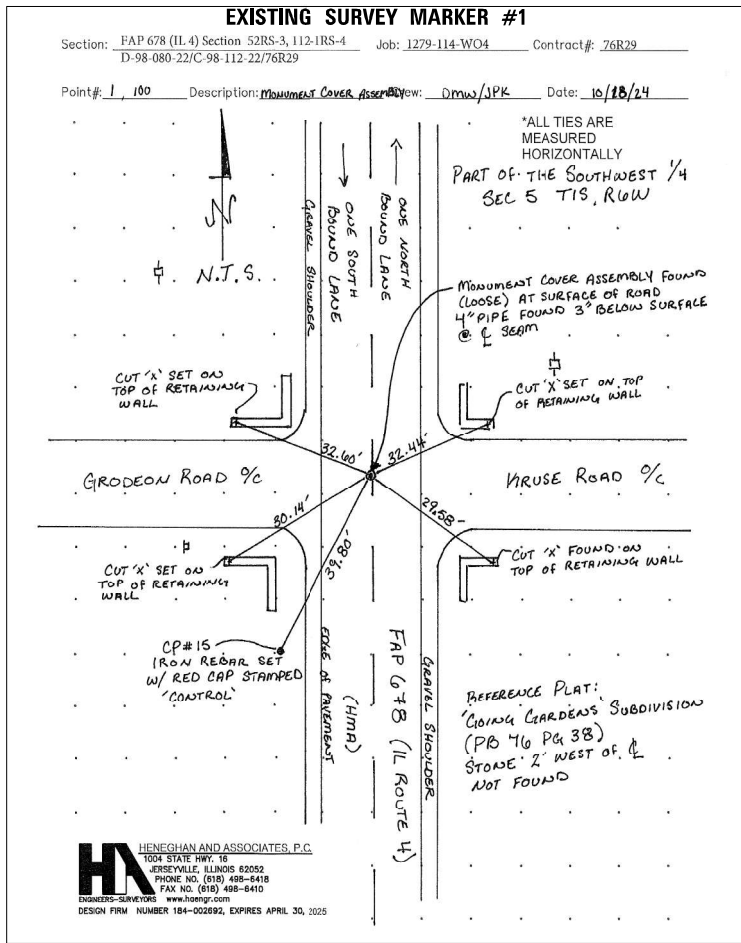
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PLOT DATE = 1/15/2025	DATE - 01/17/25	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
678	52R5-3	ST CLAIR	14	13
CONTRACT NO. 76U31				
ILLINOIS FED. AID PROJECT				



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PLOT DATE	= 1/15/2025	DATE	= 01/17/25	REVISED	-

STATE OF ILLINOIS
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SURVEY MARKER DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
678	52RS-3	ST CLAIR	14	14
CONTRACT NO. 76U31				
ILLINOIS FED. AID PROJECT				