

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	1
ILLINOIS			CONTRACT NO. 76U28	

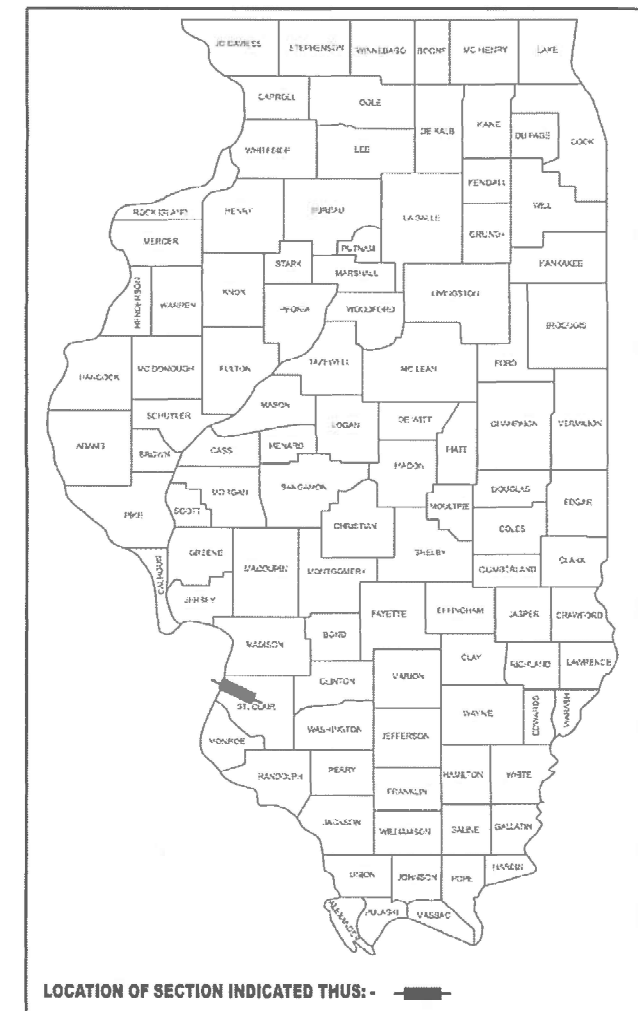
FOR INDEX OF SHEETS, SEE SHEET NO. 2

**PROPOSED
HIGHWAY PLANS**

**FAU ROUTE 9185 (FOLEY DRIVE)
SECTION 169RS-2
PROJECT STP-2G1M(003)
DESIGNED OVERLAY
ST CLAIR COUNTY**

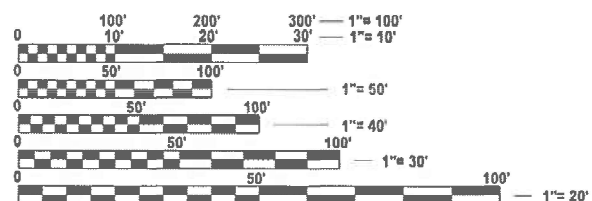
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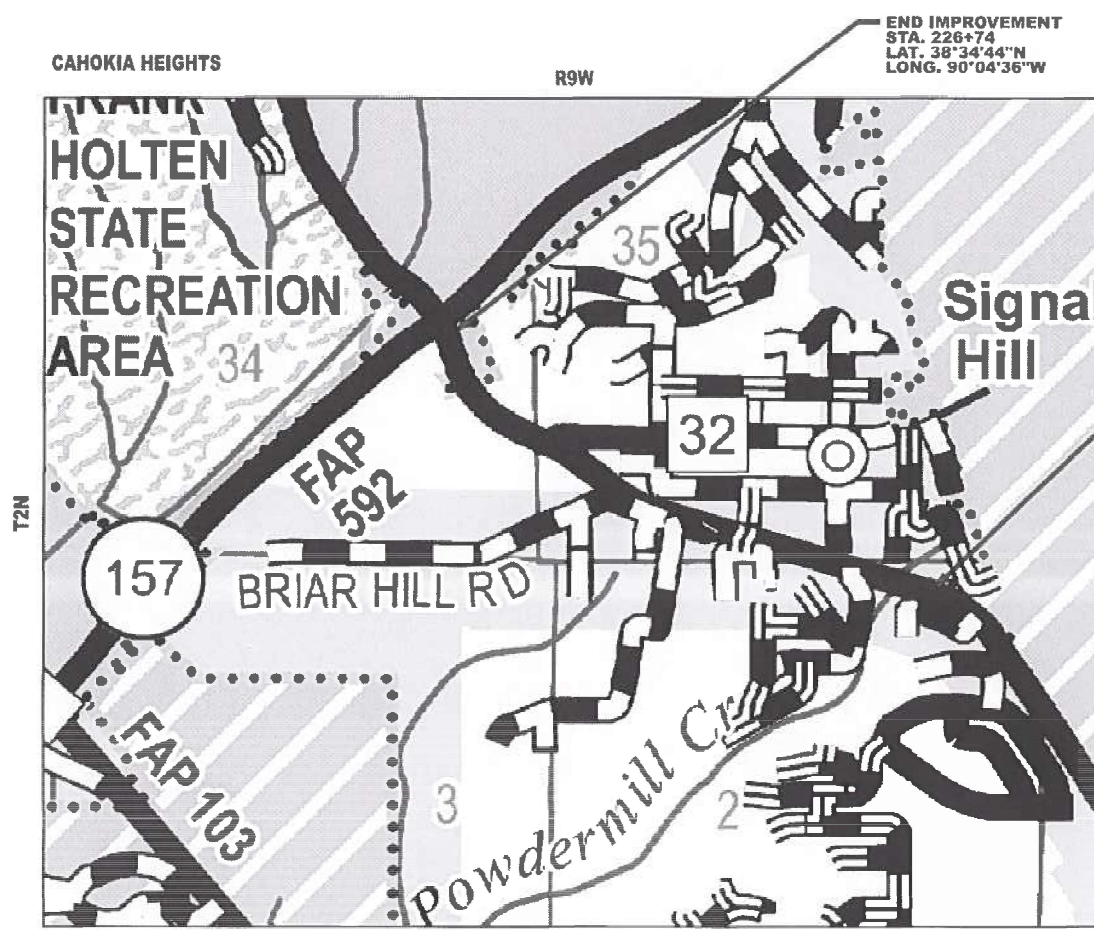
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR

2023 ADT = 4,200
PV: 4,091 (97.4%) SU: 59 (1.4%) MU: 50 (1.2%)



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



S 1/2 - SEC 34/35, & NE 1/4 - SEC 2, T2N, R9W, 3 PM CITY OF BELLEVILLE

GROSS LENGTH = 6,374.00 FT. = 1.207 MILE
NET LENGTH = 6,374.00 FT. = 1.207 MILE

PROJECT ENGINEER: BILLIE OWEN
PROJECT MANAGER: STEVE KEEL

CONTRACT NO. 76U28

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED DEC 12 20 24
[Signature]
REGIONAL ENGINEER

January 31 20 25
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

January 31 20 25
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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INDEX OF SHEETS

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- 10-14. SCHEDULES OF QUANTITIES
15. LOCATION MAP
16. DETAILS
- 17-19. PAVEMENT MARKING DETAILS
20. SURVEY MONUMENT MAP & DETAIL
21. ELECTRICAL DETECTOR LOOPS

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420001-10 PAVEMENT JOINTS
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 442101-09 CLASS B PATCHES
- 482011-03 HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OF WIDENING AND RESURFACING PROJECTS
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 701301-04 LANE CLOSURE, 2L, 1W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
- 701501-06 URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
- 701606-10 URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-10 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 814001-03 HANDHOLES
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS
- 442201-03 CLASS C AND D PATCHES
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 782001-01 CURB REFLECTORS

GENERAL NOTES

1. THE UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

COMPANY	UTILITY	AERIAL	BURIED
AMEREN ILLINOIS	GAS AND ELECTRIC	X	X
AT&T ILLINOIS	COMMUNICATIONS	X	X
CITY OF BELLEVILLE	SANITARY SEWER		X
VILLAGE OF CAHOKIA	WATER AND SANITARY SEWER		X
CHARTER COMMUNICATIONS	CABLE TV	X	X
ILLINOIS AMERICAN WATER COMPANY	WATER		X
STOOKEY TOWNSHIP	SANITARY SEWER		X

2. NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS.
3. THE PROPOSED PAVEMENT MARKINGS SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKINGS, AS DIRECTED BY THE ENGINEER.
4. 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.
5. FIVE CHANGEABLE MESSAGE SIGNS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED TWO WEEKS PRIOR TO ANY LANE CLOSURE AND SHALL REMAIN UP FOR THE DURATION OF THE PROJECT. THE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED ACCORDING TO THE LOCATION MAP OR AT THE DIRECTION OF THE ENGINEER.
6. THE CONTRACTOR SHALL PROVIDE POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.
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. ONLY SHORT TERM PAVEMENT MARKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "SHORT TERM PAVEMENT MARKING REMOVAL."
10. THE INTENT OF THE MILLING IS TO REMOVE THE HMA RESURFACING ONLY. THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.
11. 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.
12. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	BINDER	PATCHING	INCIDENTAL	SHOULDER ≤ 8 FEET WIDE	
					SHOULDER (LOWER)	SHOULDER (SURFACE)
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=30	4.0% @NDES=30
MIX COMPOSITION (GRADATION)	IL 9.5	IL 9.5FG	IL 19.0	IL 9.5	IL 19.0L	IL 9.5L
FRICTION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	MIXTURE "D"		
QUALITY MGMT PROGRAM	QCP	QCP	QC/QA	QC/QA	QC/QA	QC/QA
MATERIAL TRANSFER DEVICE REQUIRED	YES	YES	NO	NO	NO	NO

PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LBS/SQ YD/IN. ANY QCP PAY ITEM THAT HAS A QUANTITY OF 1600 TONS OR LESS WILL HAVE TWO SUBLOTS EACH OF WHICH WILL BE HALF OF THE PLAN QUANTITY OR HALF OF THE ADJUSTED QUANTITY BY THE RESIDENT ENGINEER/TECHNICIAN.

COMMITMENTS

NONE

REV - MS

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	DRAWN -	REVISED -			9185	169RS-2	ST CLAIR	21	2	
	CHECKED -	REVISED -			CONTRACT NO. 76U28					
PLOT DATE = 1/20/2025	DATE -	REVISED -			SCALE:	SHEET 1	OF 1	SHEETS	ST A	TO STA.

80% FED
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY	
				0005	URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	15936	15936	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	9512	9512	
40600405	MATERIAL TRANSFER DEVICE	TON	3679	3679	
40600990	TEMPORARY RAMP	SQ YD	291	291	
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	1817	1817	
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1862	1862	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	7	7	
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	17489	17489	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	6234	6234	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	11	11	
44000300	CURB REMOVAL	FOOT	421	421	
44003100	MEDIAN REMOVAL	SQ FT	306	306	
44200050	WELDED WIRE REINFORCEMENT	SQ YD	592	592	
44200994	CLASS B PATCHES, TYPE II, 12 INCH	SQ YD	1080	1080	

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20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY	
				0005	URBAN
44200998	CLASS B PATCHES, TYPE III, 12 INCH	SQ YD	115	115	
44201000	CLASS B PATCHES, TYPE IV, 12 INCH	SQ YD	462	462	
44201298	DOWEL BARS 1 1/4"	EACH	2643	2643	
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	438	438	
44213200	SAW CUTS	FOOT	8264	8264	
44213204	TIE BARS 3/4"	EACH	367	367	
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	265	265	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	120	120	
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1	1	
60605100	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (ABUTTING EXISTING PAVEMENT)	FOOT	340	340	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	1	1	
60610500	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (ABUTTING EXISTING PAVEMENT)	FOOT	79	79	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	306	306	
60618760	CONCRETE MEDIAN, TYPE M-4.12	SQ FT	166	166	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	

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	DRAWN -	REVISED -		9185	169RS-2	ST CLAIR	21	3				
	CHECKED -	REVISED -						CONTRACT NO. 76U28				
PLOT DATE = 12/11/2024	DATE -	REVISED -		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

80% FED
20% STATE

CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY 0005	URBAN
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	390	390	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1184	1184	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	395	395	
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	166	166	
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	23780	23780	
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	232	232	
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	446	446	
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	96	96	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	166	166	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	23780	23780	

* SPECIALTY ITEM

80% FED
20% STATE

CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	
				ROADWAY 0005	URBAN
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	232	232	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	446	446	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	96	96	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	209	209	
* 78200020	CURB REFLECTORS	EACH	87	87	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	209	209	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	8886	8886	
* 80300100	LOCATING UNDERGROUND CABLE	FOOT	70	70	
* X7240600	REMOVE AND RE-ERECT EXISTING SIGN	EACH	1	1	
* X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	202	202	
* X7800200	PAINT PAVEMENT MARKING CURB	FOOT	132	132	
* X8140115	HANDHOLE TO BE ADJUSTED	EACH	1	1	
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	540	540	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	4
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				

80% FED
20% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				ROADWAY 0005 URBAN
Ø Z0076600	TRAINEES	HOUR	1000	1000
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	2	2
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	1	1

Ø 0042

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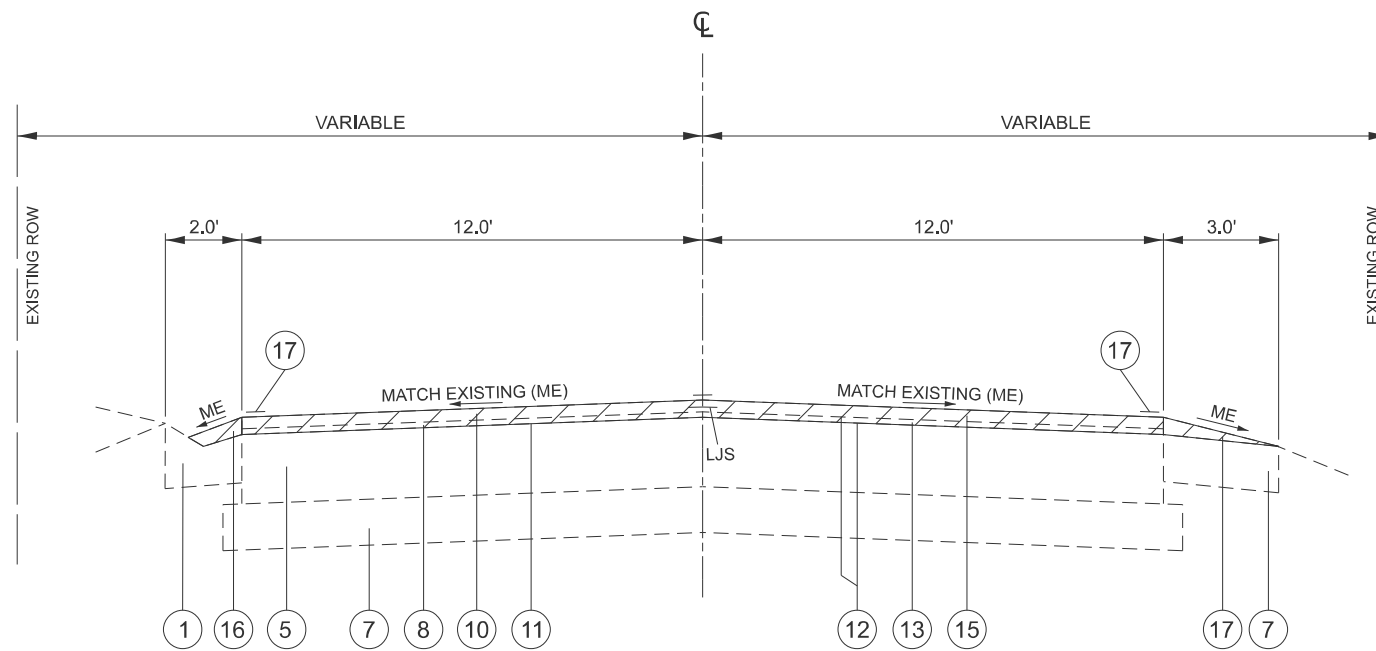
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

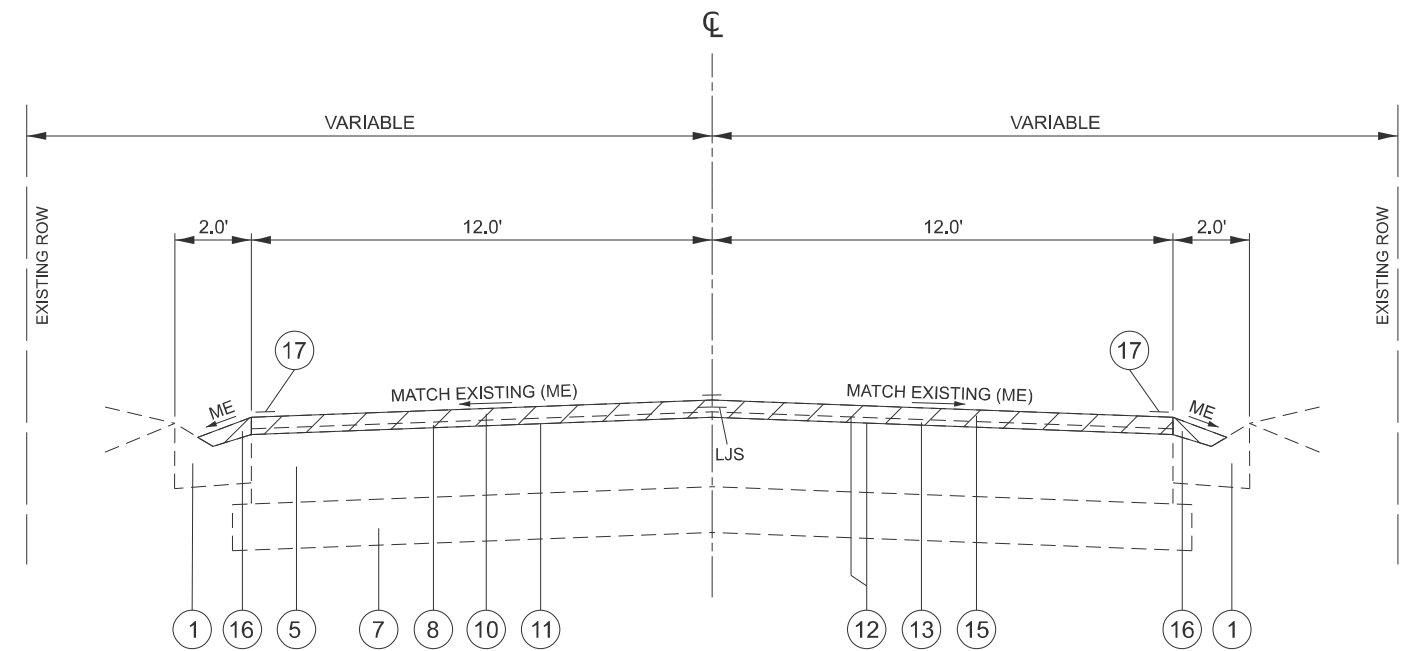
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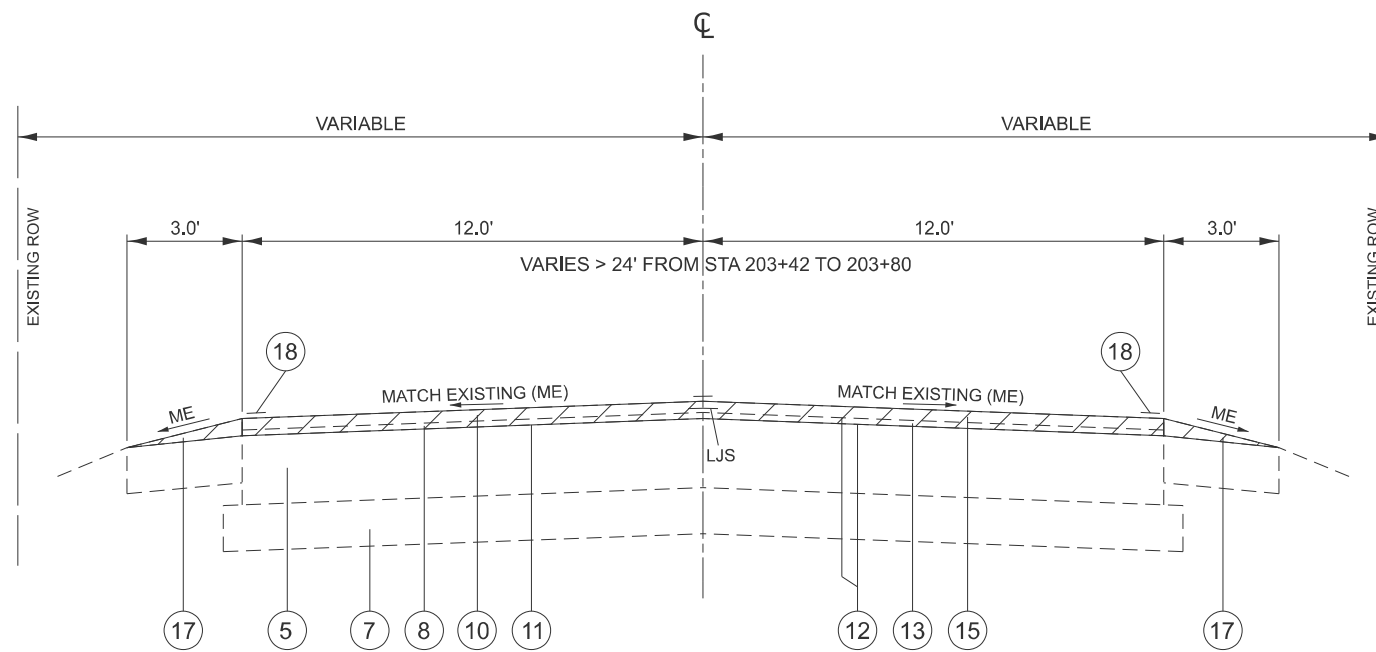
F A U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	5
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				



FOLEY DRIVE
STA 163+00 TO 168+30
STA 173+20 TO 175+70



FOLEY DRIVE
STA 168+30 TO 173+20
STA 178+30 TO 185+00



FOLEY DRIVE
STA 175+70 TO 178+30
STA 185+00 TO 185+50 - HMA PAVEMENT THICKNESS TRANSITION PER SCHEDULE 1.25" TO 2.25"
STA 203+30 TO 203+80 - HMA PAVEMENT THICKNESS TRANSITION PER SCHEDULE 1.25" TO 2.25"
STA 185+50 TO 203+30 - REPLACE (13) WITH (14)

LEGEND

- (1) EXISTING CONCRETE CURB AND GUTTER - 2" "V" GUTTER
- (2) EXISTING COMBINATION CONCRETE C&G - TYPE B6.24 MODIFIED
- (3) EXISTING COMBINATOIN CONCRETE C&G - TYPE B6.24
- (4) EXISTING PCC PAVEMENT, 8"
- (5) EXISTING PCC PAVEMENT, 9"
- (6) EXISTING CONCRETE MEDIAN SURFACE, 4"
- (7) EXISTING GRANULAR SUB-BASE 6"
- (8) EXISTING HMA LEVEL BINDER, 3/4"
- (9) EXISTING HMA LEVEL BINDER, 1"
- (10) EXISTING HMA SURFACE COURSE, 1.5"
- (11) PROPOSED HMA SURFACE REMOVAL 2.25"
- (12) PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- (13) PROPOSED HMA BINDER COURSE, MIX "C", IL-9.5FG, N70, 1.25"
- (14) PROPOSED HMA BINDER COURSE, MIX "C", IL-9.5FG, N70, 2.25"
- (15) PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1.5"
- (16) PROPOSED HMA SHOULDERS
- (17) PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- (18) PROPOSED PAINT PAVEMENT MARKING - LINE 6"

LJS = LONGITUDINAL JOINT SEALANT

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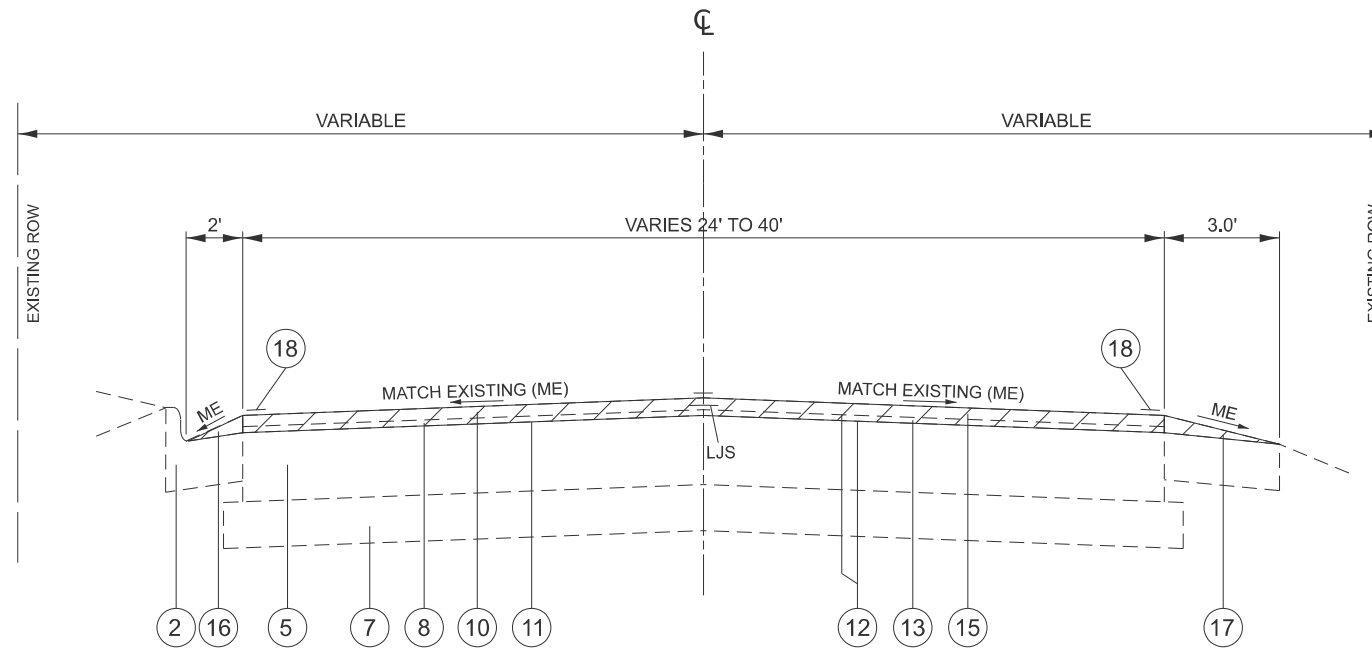
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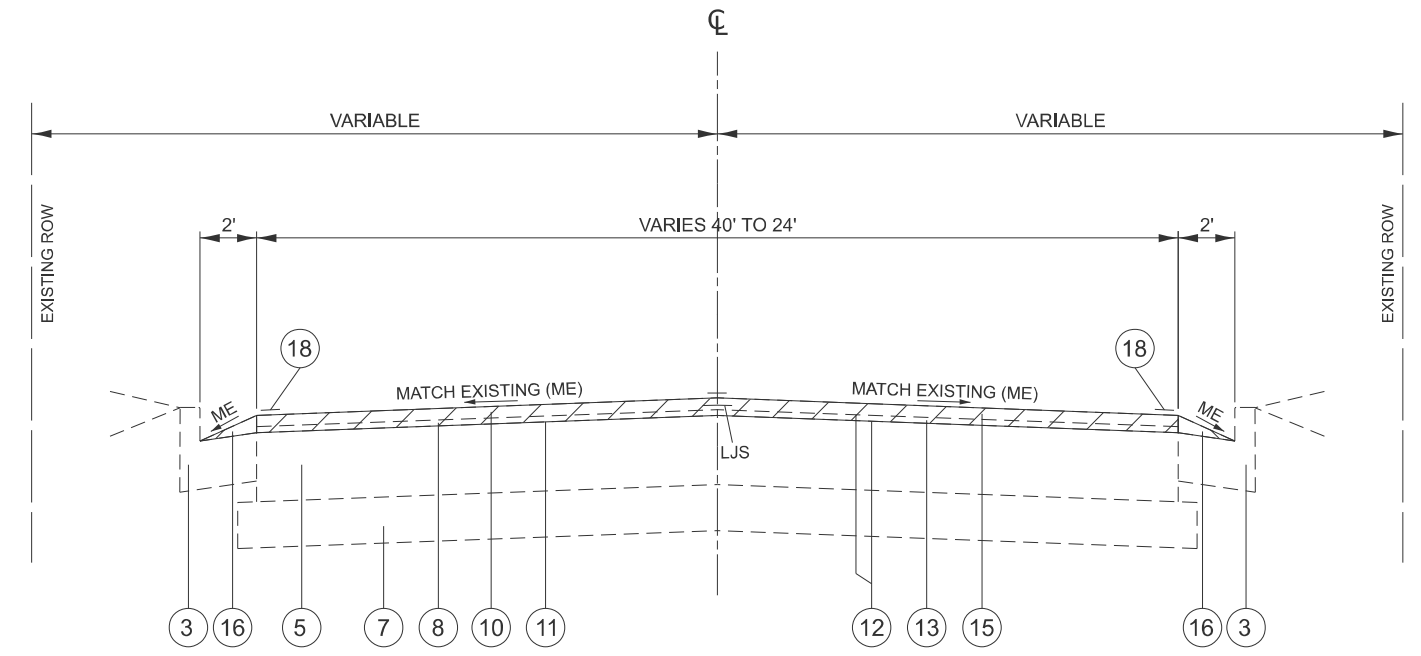
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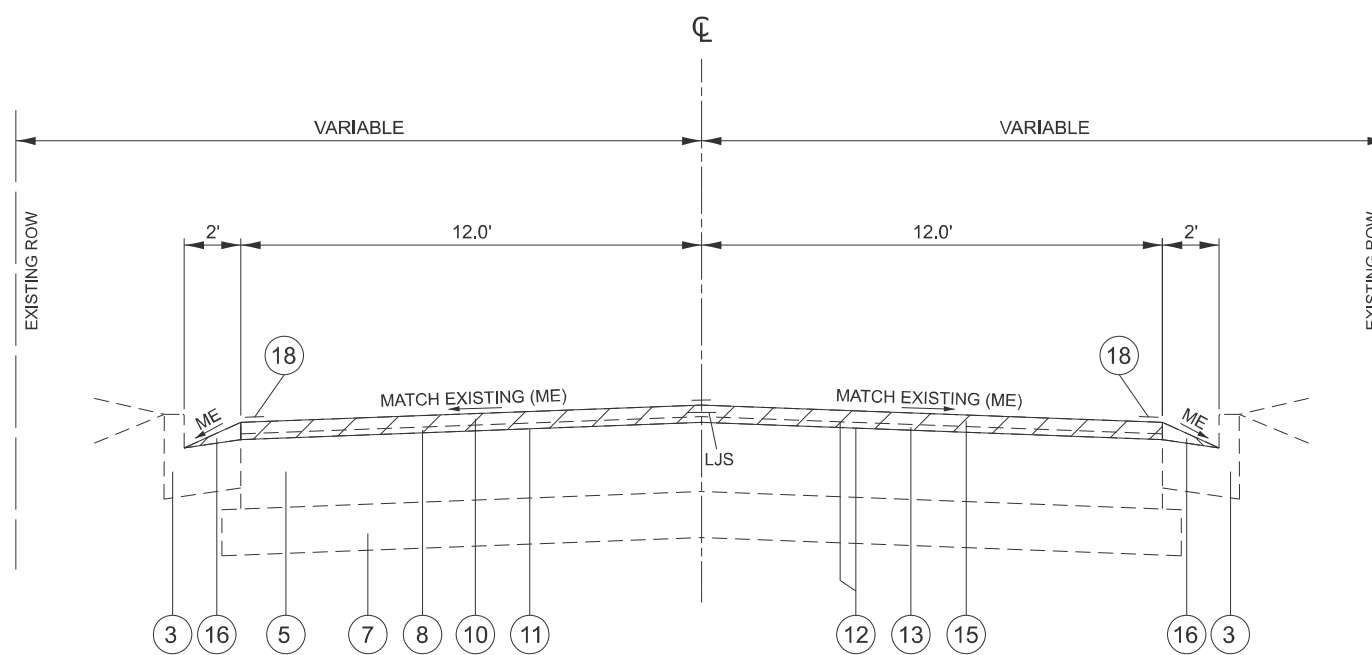
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	6
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				



FOLEY DRIVE
STA 203+80 TO 207+80



FOLEY DRIVE
STA 207+80 TO 213+55



FOLEY DRIVE
STA 213+55 TO 217+08

LEGEND

- ① EXISTING CONCRETE CURB AND GUTTER - 2" "V" GUTTER
- ② EXISTING COMBINATION CONCRETE C&G - TYPE B6.24 MODIFIED
- ③ EXISTING COMBINATOIN CONCRETE C&G - TYPE B6.24
- ④ EXISTING PCC PAVEMENT, 8"
- ⑤ EXISTING PCC PAVEMENT, 9"
- ⑥ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑦ EXISTING GRANULAR SUB-BASE 6"
- ⑧ EXISTING HMA LEVEL BINDER, 3/4"
- ⑨ EXISTING HMA LEVEL BINDER, 1"
- ⑩ EXISTING HMA SURFACE COURSE, 1.5"
- ⑪ PROPOSED HMA SURFACE REMOVAL 2.25"
- ⑫ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ⑬ PROPOSED HMA BINDER COURSE, MIX "C", IL-9.5FG, N70, 1.25"
- ⑭ PROPOSED HMA BINDER COURSE, MIX "C", IL-9.5FG, N70, 2.25"
- ⑮ PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1.5"
- ⑯ PROPOSED HMA SHOULDERS
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑱ PROPOSED PAINT PAVEMENT MARKING - LINE 6"

LJS = LONGITUDINAL JOINT SEALANT

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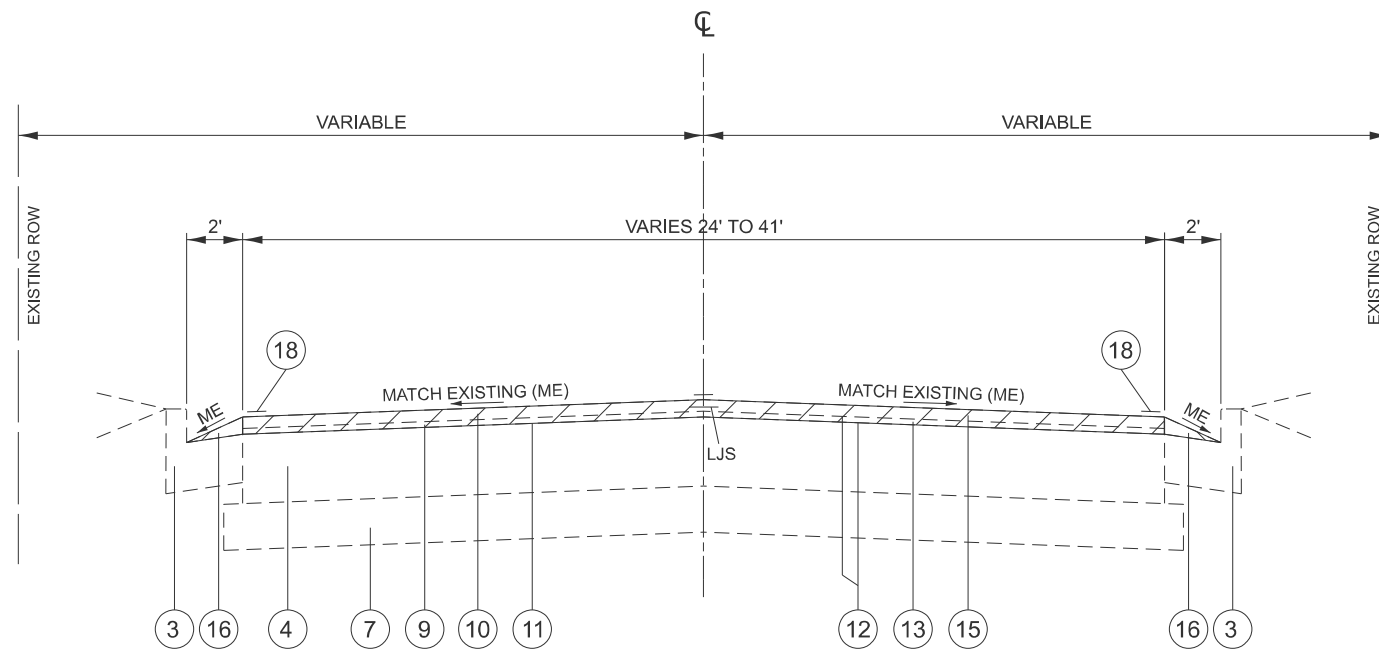
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STATE OF ILLINOIS
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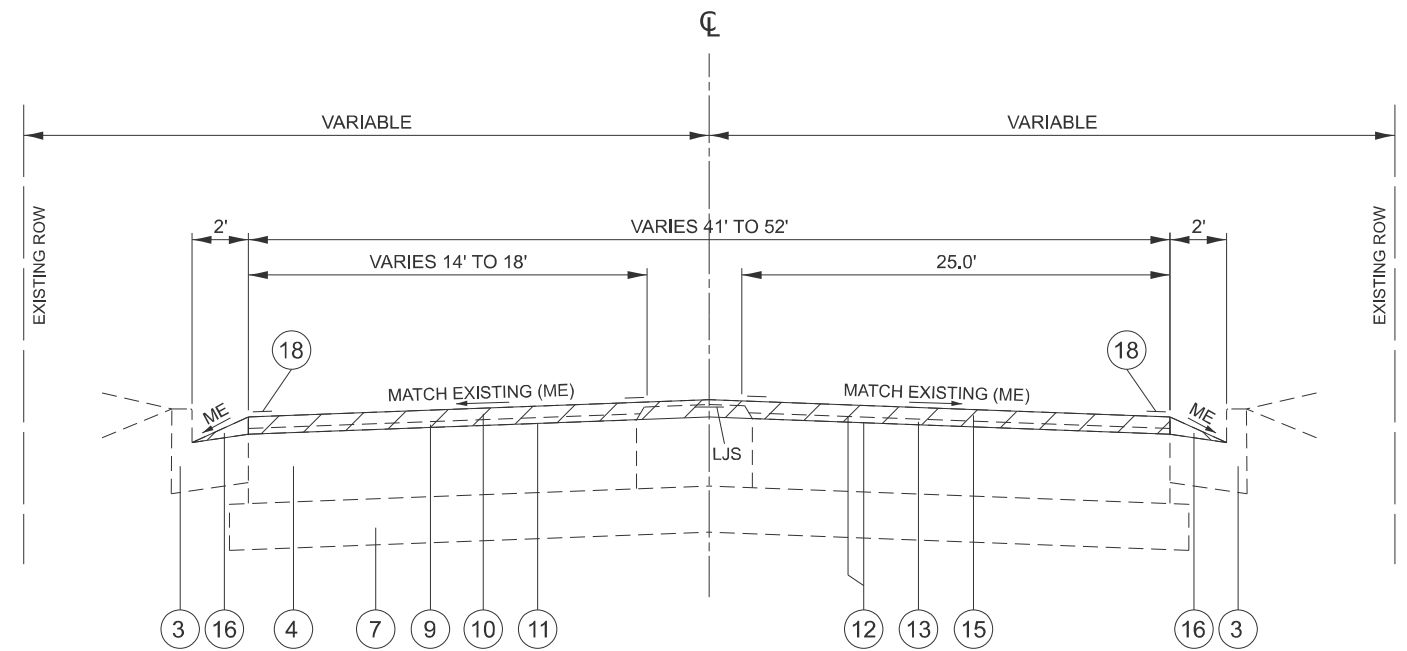
TYPICAL SECTIONS

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

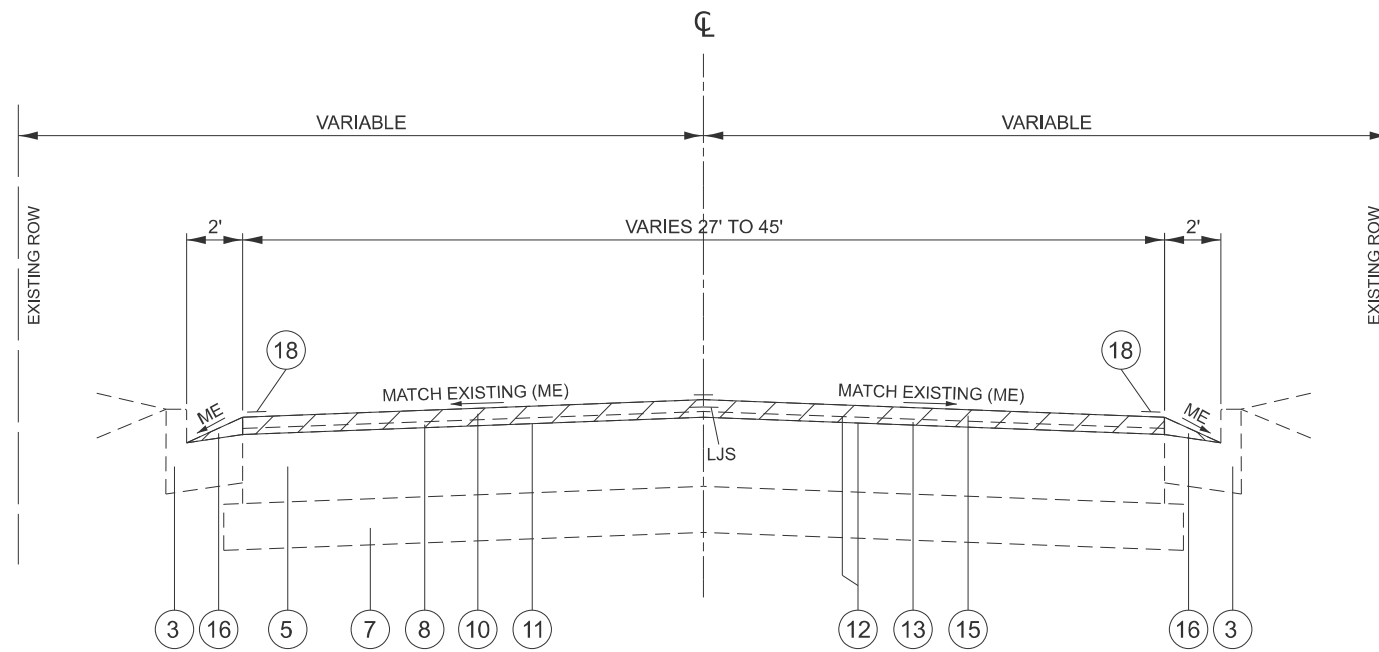
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FOLEY DRIVE
STA 217+08 TO 220+46



FOLEY DRIVE
STA 220+46 TO 221+36



SIGNAL HILL BOULEVARD
STA 109+53 TO 111+95

LEGEND

- ① EXISTING CONCRETE CURB AND GUTTER - 2" "V" GUTTER
- ② EXISTING COMBINATION CONCRETE C&G - TYPE B6.24 MODIFIED
- ③ EXISTING COMBINATOIN CONCRETE C&G - TYPE B6.24
- ④ EXISTING PCC PAVEMENT, 8"
- ⑤ EXISTING PCC PAVEMENT, 9"
- ⑥ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑦ EXISTING GRANULAR SUB-BASE 6"
- ⑧ EXISTING HMA LEVEL BINDER, 3/4"
- ⑨ EXISTING HMA LEVEL BINDER, 1"
- ⑩ EXISTING HMA SURFACE COURSE, 1.5"
- ⑪ PROPOSED HMA SURFACE REMOVAL 2.25" or 2.5"
- ⑫ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ⑬ PROPOSED HMA BINDER COURSE, MIX "C", IL-9.5FG, N70, 1.25"
- ⑭ PROPOSED HMA BINDER COURSE, MIX "C", IL-9.5FG, N70, 2.25"
- ⑮ PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1.5"
- ⑯ PROPOSED HMA SHOULDERS
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑱ PROPOSED PAINT PAVEMENT MARKING - LINE 6"
- ⑲ PROPOSED MILL EXISTING CORRUGATED MEDIAN TOP

LJS = LONGITUDINAL JOINT SEALANT

MODEL: Typical Section 3 (Sheet)
FILE NAME: c:\p\work\16101\stevn.keel@illinois.gov\1059865\0876128-sh-1-typical.dgn

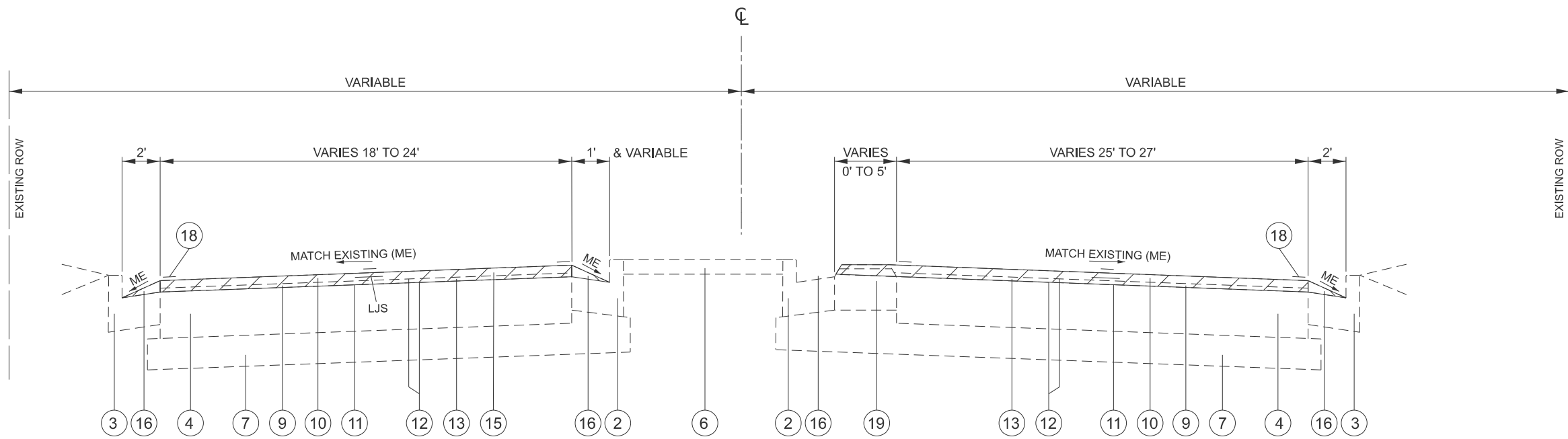
USER NAME = Steven.Keel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/11/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

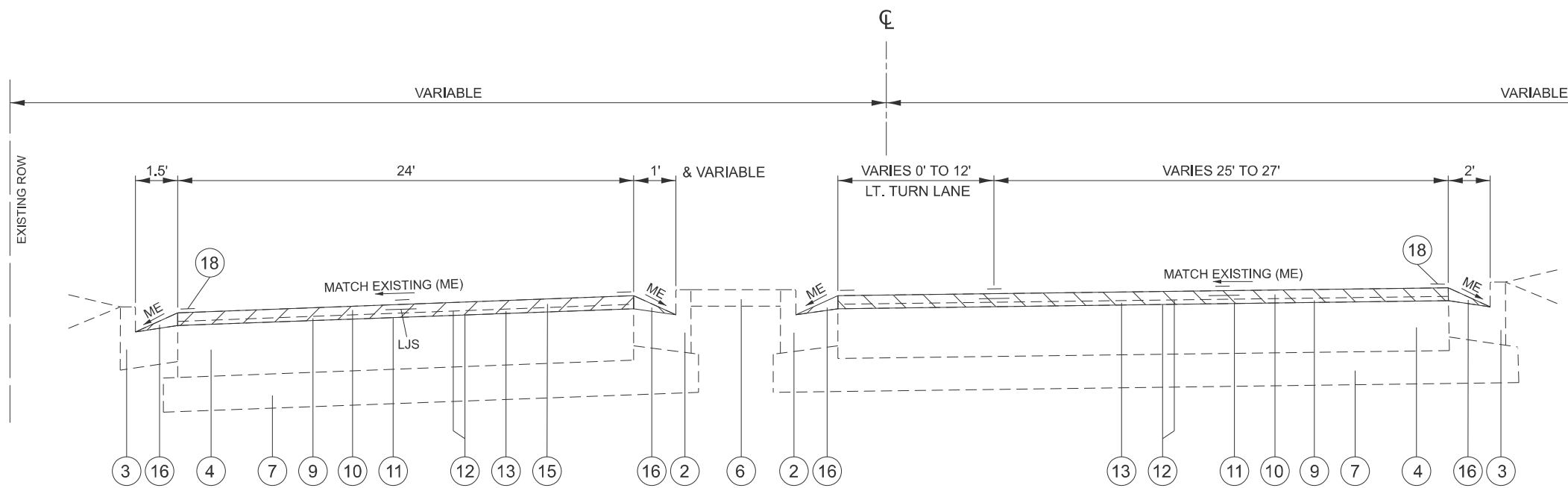
TYPICAL SECTIONS

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	8
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				



**FOLEY DRIVE
STA 221+36 TO 223+67**



**FOLEY DRIVE
STA 223+67 TO 226+74**

LEGEND

- ① EXISTING CONCRETE CURB AND GUTTER - 2' "V" GUTTER
- ② EXISTING COMBINATION CONCRETE C&G - TYPE M4.12 VARIES
- ③ EXISTING COMBINATOIN CONCRETE C&G - TYPE B6.24
- ④ EXISTING PCC PAVEMENT, 8"
- ⑤ EXISTING PCC PAVEMENT, 9"
- ⑥ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑦ EXISTING GRANULAR SUB-BASE 6"
- ⑧ EXISTING HMA LEVEL BINDER, 3/4"
- ⑨ EXISTING HMA LEVEL BINDER, 1"
- ⑩ EXISTING HMA SURFACE COURSE, 1.5"
- ⑪ PROPOSED HMA SURFACE REMOVAL 2.5"
- ⑫ PROPOSED BITUMINOUS MATERIALS (TACK COAT)
- ⑬ PROPOSED HMA BINDER COURSE, MIX "C", IL-9.5FG, N70, 1.25"
- ⑭ PROPOSED HMA BINDER COURSE, MIX "C", IL-9.5FG, N70, 2.25"
- ⑮ PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1.5"
- ⑯ PROPOSED HMA SHOULDERS
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑱ PROPOSED PAINT PAVEMENT MARKING - LINE 6"
- ⑲ PROPOSED MILL EXISTING CORRUGATED MEDIAN TOP

LJS = LONGITUDINAL JOINT SEALANT

MODEL: Typical Section F (Sheet)
FILE NAME: c:\p\work\16101stevenc.keel@illinois.gov\1059865\0876128-sh-4-typical.dgn

USER NAME = Steven.Keel	DESIGNED -	REVISD -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/11/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	9
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				

MODEL: Patching Schedule 1 [Sheet]
 FILE NAME: c:\p\work\wv\101stevn.keel@illinois.gov\1059865\0876128-sh-schedules.dgn

CLASS B PATCHES SCHEDULE - FULL DEPTH											
LOCATION		LENGH FOOT	WIDTH FOOT	AREA SQ YD	12"			DOWEL BARS 1 1/4 INCH EACH	TIE BARS 3/4 INCH EACH	WELDED WIRE REINFORCEMENT SQ YD	SAW CUTS ¹ FOOT
					TYPE II SQ YD	TYPE III SQ YD	TYPE IV SQ YD				
STA	SIDE	FOOT	FOOT	SQ YD	SQ YD	SQ YD	SQ YD	EACH	EACH	SQ YD	FOOT
163+00	EB	8	12	10.7	10.7			20			52
165+48	WB	6	12	8.0	8.0			20			48
166+01	EB	6	12	8.0	8.0			20			48
166+01	WB	6	12	8.0	8.0			20			48
167+59	EB	9	12	12.0	12.0			20			54
167+59	WB	9	12	12.0	12.0			20			54
168+65	EB	8	12	10.7	10.7			20			52
168+65	WB	8	12	10.7	10.7			20			52
169+71	EB	13	12	17.3		17.3		20		17.3	62
169+71	WB	13	12	17.3		17.3		20		17.3	62
170+76	EB	6	12	8.0	8.0			20			48
170+76	WB	6	12	8.0	8.0			20			48
171+82	EB	6	12	8.0	8.0			20			48
171+82	WB	6	12	8.0	8.0			20			48
172+87	EB	6	12	8.0	8.0			20			48
172+87	WB	6	12	8.0	8.0			20			48
173+20	EB	10	12	13.3	13.3			20			56
176+04	EB	8	12	10.7	10.7			20			52
176+04	WB	8	12	10.7	10.7			20			52
179+74	EB	6	12	8.0	8.0			20			48
179+74	WB	6	12	8.0	8.0			20			48
180+27	EB	6	12	8.0	8.0			20			48
180+27	WB	6	12	8.0	8.0			20			48
181+32	EB	7	12	9.3	9.3			20			50
181+32	WB	7	12	9.3	9.3			20			50
182+38	WB	12	12	16.0		16.0		20		16.0	60
183+43	EB	7	12	9.3	9.3			20			50
183+43	WB	7	12	9.3	9.3			20			50
184+49	EB	7	12	9.3	9.3			20			50
184+49	WB	7	12	9.3	9.3			20			50
185+55	EB	6	12	8.0	8.0			20			48
185+55	WB	6	12	8.0	8.0			20			48
188+71	EB	6	12	8.0	8.0			20			48
188+71	WB	6	12	8.0	8.0			20			48
192+41	EB	40	12	53.3			53.3	20	13	53.3	116
204+03	EB	6	12	8.0	8.0			20			48
204+55	EB	6	12	8.0	8.0			20			48
205+08	EB	85	12	113.3			113.3	20	56	113.3	206
205+08	EB	6	12	8.0	8.0			20			48
205+08	EB	6	12	8.0	8.0			20			48
205+61	EB	8	12	10.7	10.7			20			52
206+14	EB	36	12	48.0			48.0	20	22	48.0	108
206+67	EB	6	12	8.0	8.0			20			48
207+19	EB	6	12	8.0	8.0			20			48
207+19	MED	6	12	8.0	8.0			20			48
207+19	WB	6	12	8.0	8.0			20			48
207+72	EB	6	12	8.0	8.0			20			48
208+20	WB	10	12	13.3	13.3			20			56
208+25	EB	12	12	16.0		16.0		20		16.0	60
208+78	EB	6	12	8.0	8.0			20			48
208+78	LT TN	6	12	8.0	8.0			20			48
208+78	WB	6	12	8.0	8.0			20			48
209+83	EB	6	12	8.0	8.0			20			48
209+83	EB/LT TN	6	17	11.3	11.3			28			63
209+83	WB	10	12	13.3	13.3			20			56
210+89	EB	6	12	8.0	8.0			20			48
210+89	MED	6	12	8.0	8.0			20			48
210+89	WB	6	12	8.0	8.0			20			48
SUBTOTAL					459.2	66.6	214.6	1160	91	281.2	3209.0

¹ SEE MISCELLANEOUS SCHEDULE FOR ADDITIONAL QUANTITIES

USER NAME = Steven.Keel	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE PATCHING	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			9185	169RS-2	ST CLAIR	21	10	
	CHECKED -	REVISED -			CONTRACT NO. 76U28					
PLOT DATE = 1/20/2025	DATE -	REVISED -			SCALE:	SHEET 1	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

CLASS B PATCHES SCHEDULE - FULL DEPTH

LOCATION		LENGH	WIDTH	AREA	12"			DOWEL BARS	TIE BARS	WELDED WIRE REINFORCEMENT	SAW CUTS ¹
STA	SIDE	FOOT	FOOT	SQ YD	TYPE II	TYPE III	TYPE IV	1 1/4 INCH	3/4 INCH	SQ YD	FOOT
BROUGHT FORWARD					459.2	66.6	214.6	1160	91	281.2	3209.0
211+95	EB/MED	7	18	14.0	14.0			30			68
211+95	WB	7	12	9.3	9.3			20			50
213+53	EB	10	12	13.3	13.3			20			56
213+53	WB	10	12	13.3	13.3			20			56
214+06	WB	6	12	8.0	8.0			20			48
215+11	WB	11	12	14.7	14.7			20			58
216+17	FR	8	12	10.7	10.7			20			52
216+17	WB	8	12	10.7	10.7			20			52
216+43	WB	30	12	40.0			40.0	20	9	40.0	96
216+70	EB	12	12	16.0		16.0		20		16.0	60
217+07	EB	8	12	10.7	10.7			20			52
217+07	WB	8	12	10.7	10.7			20			52
217+75	EB	6	12	8.0	8.0			20			48
217+75	WB	6	12	8.0	8.0			20			48
218+02	EB	6	14	9.3	9.3			23			54
218+02	WB	6	12	8.0	8.0			20			48
218+28	EB	6	14	9.3	9.3			23			54
218+28	WB	6	14	9.3	9.3			23			54
218+55	EB	7	17	13.2	13.2			28			65
218+55	WB	7	12	9.3	9.3			20			50
218+81	WB	6	12	8.0	8.0			20			48
219+87	EB	6	12	8.0	8.0			20			48
219+87	EB	6	8	5.3	5.3			13			36
219+87	WB	6	12	8.0	8.0			20			48
220+92	EB	47	12	62.7			62.7	20	15	62.7	130
221+45	WB	6	12	8.0	8.0			20			48
221+45	WB	6	12	8.0	8.0			20			48
223+56	WB	6	13	8.7	8.7			22			51
224+35	WB	6	12	8.0	8.0			20			48
224+35	WB	6	12	8.0	8.0			20			48
224+35	WB	6	8	5.3	5.3			13			36
224+83	WB	7	12	9.3	9.3			20			50
225+67	WB	6	12	8.0	8.0			20			48
225+67	WB	6	12	8.0	8.0			20			48
226+20	WB	6	12	8.0	8.0			20			48
226+20	WB	6	12	8.0	8.0			20			48
226+20	WB	6	12	8.0	8.0			20			48
223+03	EB	8	12	10.7	10.7			20			52
223+03	EB	8	12	10.7	10.7			20			52
223+30	EB	6	12	8.0	8.0			20			48
223+30	EB	6	12	8.0	8.0			20			48
223+56	EB	8	12	10.7	10.7			20			52
223+56	EB	8	12	10.7	10.7			20			52
224+35	EB	6	12	8.0	8.0			20			48
224+35	EB	6	12	8.0	8.0			20			48
225+15	EB	9	12	12.0	12.0			20			54
225+15	EB	9	12	12.0	12.0			20			54
225+52	EB	6	12	8.0	8.0			20			48
225+52	EB	6	12	8.0	8.0			20			48
225+94	EB	6	12	8.0	8.0			20			48
225+94	EB	6	12	8.0	8.0			20			48
226+20	EB	6	12	8.0	8.0			20			48
226+20	EB	6	12	8.0	8.0			20			48
226+20	EB	13	12	17.3		17.3		20		17.3	62
226+20	EB	7	12	9.3	9.3			20			50
226+73	EB	6	14	9.3	9.3			23			54
TOTAL					939.0	99.9	317.3	2298	115.0	417.2	6171.0
ANTICIPATED FAILURES (15%)					140.9	15.0	47.6	345	17	62.6	926
TOTAL					1080	115	365	2643	132	480	7097

¹ SEE MISCELLANEOUS SCHEDULE FOR ADDITIONAL QUANTITIES

MODEL: Patching Schedule 2 [Sheet]
FILE NAME: c:\p\work\wv\101stevan.keel@illinois.gov\1059865\0876128-sh-schedules.dgn

USER NAME = Steven.Keel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/20/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE PATCHING			
SCALE:	SHEET 2	OF 5 SHEETS	STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	11
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				

MAINLINE RESURFACING SCHEDULE													
LOCATION	PAVEMENT LENGTH	PAVEMENT WIDTH (AVG.)	HMA SURFACE REMOVAL 2.25" ²	HMA SURFACE REMOVAL 2.5" ²	BITUMINOUS MATERIALS (TACK COAT) ¹	HMA BINDER COURSE, IL-9.5FG, N70 1.25"	HMA BINDER COURSE, IL-9.5FG, N70 2.25"	HMA SURFACE COURSE, MIX "D", IL-9.5, N70 1.5"	LONGITUDINAL JOINT SEALANT	MATERIAL TRANSFER DEVICE			
											(SQ YD)	(SQ YD)	(POUND)
	STA	TO	STA	(FT)	(FT)	(SQ YD)	(SQ YD)	(POUND)	(TONS)	(TONS)	(TONS)	(FT)	(TONS)
FOLEY DR	163+00	TO	168+30	530	24.0	1413.3		954.0	98.9		118.7	530	217.6
FOLEY DR	168+30	TO	173+20	490	24.0	1306.7		882.0	91.5		109.8	490	201.3
FOLEY DR	173+20	TO	175+70	250	32.0	888.9		600.0	62.2		74.7	250	136.9
FOLEY DR	175+70	TO	178+30	260	32.0	924.4		624.0	64.7		77.7	260	142.4
FOLEY DR	178+30	TO	185+00	670	32.0	2382.2		1608.0	166.8		200.1	670	366.9
FOLEY DR TRANSITION ³	185+00	TO	185+50	50	32.0	177.8		120.0	12.4		14.9	50	27.3
FOLEY DR	185+50	TO	203+30	1780	24.0	4746.7		3204.0		598.1	398.7	3560	996.8
FOLEY DR TRANSITION ³	203+30	TO	203+42	12	24.0	32.0		21.6	2.2		2.7	24	4.9
FOLEY DR TRANSITION ³	203+42	TO	203+80	38	32.0	135.1		91.2	9.5		11.3	38	20.8
FOLEY DR	203+80	TO	207+40	360	32.0	1308.4		883.2	91.6		109.9	368	201.5
FOLEY DR	207+48	TO	207+80	32	32.0	113.8		76.8	8.0		9.6	32	17.6
FOLEY DR	207+80	TO	213+55	575	32.0	2044.4		1380.0	143.1		171.7	575	314.8
FOLEY DR	213+55	TO	217+08	353	32.0	1255.1		847.2	87.9		105.4	353	193.3
FOLEY DR	217+08	TO	220+46	338	32.5		1220.6	823.9	85.4		102.5	676	187.9
FOLEY DR	220+46	TO	221+36	90	41.0		410.0	276.8	28.7		34.4	180	63.1
FOLEY DR	221+36	TO	223+67	231	47.0		1206.3	814.3	84.4		101.3	462	185.7
FOLEY DR	223+67	TO	226+74	307	54.0		1842.0	1243.4	128.9		154.7	614	283.6
SIGNAL HILL	110+05	TO	111+95	190	36.0	760.0		513.0	53.2		63.8	380	117.0
TOTAL						17489	4679	14963	1219	590	1862	9512	3679

SUPERSCRIP NOTES:
¹ SEE SHOULDER SCHEDULE FOR ADDITIONAL QUANTITIES
² SEE SHOULDER SCHEDULE FOR ADDITIONAL QUANTITIES
³ TRANSITION OF BINDER COURSE THICKNESS 1.25" TO 2.25"

SHOULDER SCHEDULE										
LOCATION	LENGTH	SHOULDER LENGTH	AVERAGE SHOULDER WIDTH	HMA SURFACE REMOVAL 2.5" ²	BITUMINOUS MATERIALS (TACK COAT) ¹	HMA SHOULDERS ³	AGGREGATE WEDGE SHOULDERS, TYPE B			
								(SQ YD)	(POUND)	(TONS)
LT/RT	STA	TO	STA	(FT)	(FT)	(FT)	(SQ YD)	(POUND)	(TONS)	(TON)
FOLEY DR LT	163+00	TO	168+30	530	530	2.0	117.8	73.7	9.1	
FOLEY DR RT	163+00	TO	168+30	530	530	3.0				13.5
FOLEY DR BOTH	168+30	TO	173+20	490	980	2.0	217.8	136.3	16.8	
FOLEY DR LT	173+20	TO	175+70	250	250	2.0	55.6	34.8	4.3	
FOLEY DR RT	173+20	TO	175+70	250	250	3.0				6.4
FOLEY DR BOTH	175+70	TO	178+30	260	520	3.0				26.5
FOLEY DR LT	178+30	TO	185+00	670	670	2.0	148.9	93.2	11.5	
FOLEY DR RT	178+30	TO	185+00	670	670	3.0				17.1
FOLEY DR BOTH	185+00	TO	203+80	1880	3760	3.0				191.5
FOLEY DR LT	203+80	TO	207+80	400	400	2.0	88.9	55.6	6.8	
FOLEY DR RT	203+80	TO	207+80	400	400	3.0				10.2
FOLEY DR BOTH	207+80	TO	226+74	1894	3788	2.0	841.8	526.8	64.8	
SIGNAL HILL BOTH	110+05	TO	111+95		380	2.0	84.4	52.8	6.5	
TOTAL							1555	973	120	265

SUPERSCRIP NOTES:
¹ ONE APPLICATIONS OF BITUMINOUS MATERIALS (TACK COAT) ASSUMED FOR HMA SHOULDERS
² 2.5" OR LESS WEDGE REMOVAL OF HMA SURFACE ON GUTTER
³ HMA SHOULDERS ARE WEDGE SHAPED FROM 2.75" HIGH PAVEMENT EDGE TO 0" AT FACE OF CURB

MODEL: Resurfacing Schedule (Sheet)
FILE NAME: c:\p\work\pav\illinois\resurfacing\resurfacing.dgn

USER NAME = Steven.Keel	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/21/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE MAINLINE RESURFACING & SHOULDER			
SCALE:	SHEET 3	OF 5 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	12
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING SCHEDULE

LOCATION	NPZ		THERMOPLASTIC PAVEMENT MARKING								SHORT TERM PAVEMENT MARKING - 2 APPLICATIONS	SHORT TERM PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS		
			SOLID WHITE 6"	SOLID YELLOW 6"	SKIP DASH YELLOW 6"	SKIP DASH WHITE 6"	SOLID WHITE 8"	DIAGONALS YELLOW 12"	STOP BARS WHITE 24"	LETTERS & SYMBOLS			REMOVAL	TWO-WAY AMBER	ONE-WAY CRYSTAL
STA	EB	WB	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FOOT	FOOT	SQ FOOT	EACH	EACH	EACH
163+00 - 199+00	X	X	7200	3860	600						654.5	218.2	47	47	
199+00 - 206+50	X	X	1500	2000					120		136.4	45.5	51	51	
206+50 - 209+50	X	X	546	525					134	22	49.6	16.5	31	28	3
209+50 - 218+00	X	X	1775	1750					192		161.4	53.8	47	46	1
218+00 - 226+74	X	X	2000	1800			223.5	232		74	143.4	60.6	33	4	29
TOTAL			13021	9935	600	224	232	446	96	166	1184	395	209	176	33

	TEMPORARY PAVEMENT MARKING								PAVEMENT MARKING REMOVAL - WATER BLASTING				
	SOLID WHITE 4"	SOLID YELLOW 4"	SKIP DASH YELLOW 4"	SKIP DASH WHITE 4"	SOLID WHITE 8"	DIAGONALS YELLOW 12"	STOP BARS WHITE 24"	LETTERS & SYMBOLS					
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FOOT	SQ FOOT				
SUB-TOTAL	13021	9935	600	224									
TOTAL	23780								232	446	96	166	8886

PAINT PAVEMENT MARKING		
LOCATION	RAISED MEDIAN (YELLOW)	CURB (WHITE)
STA	SQ FT	FOOT
221+26 MEDIAN NOZE	6	
221+29 MEDIAN	58	
222+66 MEDIAN	40	
222+70 MEDIAN NOSE	6	
223+14 MEDIAN NOSE	6	
223+18 MEDIAN	40	
226+64 MEDIAN NOSE	6	
226+60 MEDIAN	40	
226+61 LI ISLAND		46
226+56 RT ISLAND		86
TOTAL	202	132

CURB REFLECTORS	
LOCATION	CURB REFLECTORS
STA	EACH
220+52 TO 222+85 MEDIAN	22
223+25 TO 226+64 MEDIAN	44
226+54 RT ISLAND	12
226+62 LT ISLAND	9
TOTAL	87

TEMPORARY RAMP SCHEDULE					
LOCATION	ONE APPLICATION				TEMPORARY RAMP
	1.5"		SIDEROADS		
	WIDTH	LENGTH	WIDTH	LENGTH	
STA	FOOT	FOOT	FOOT	FOOT	SQ YD
FOLEY DRIVE 163+00 (BEGIN)	5	24			13
FOLEY DRIVE 226+74 (END)	5	196			109
SIGNAL HILL DRIVE 111+95 (END)	5	27			15
POWDER CREEK DRIVE			2	70	16
MILLIE STREET (NORTH)			2	100	22
MILLIE STREET (SOUTH)			2	100	22
SIGNAL HILL FIRE DEPT. DRIVE			2	145	32
BRIAR HILL ROAD			2	145	32
SIGNAL HILL ROAD			2	130	29
TOTAL					291

MODEL: Pavement Marking - Temp Ramp Schedule (Sheet)
FILE NAME: c:\p\work\pav\stevenson.keel@illinois.gov\1059885\0876128-sh-schedules.dgn

USER NAME = Steven.Keel	DESIGNED -	REVISED -
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PLOT DATE = 1/22/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE
PAVEMENT MARKING & TEMPORARY RAMP**

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	13
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				

MISCELLANEOUS ITEMS

LOCATION	DRIVEWAY PAVEMENT REMOVAL	INCIDENTAL HOT-MIX ASPHALT SURFACING	CLASS B PATCHES, TYPE IV, 12 INCH	CLASS D PATCHES, TYPE IV, 10 INCH	WELDED WIRE REINF.	SAW CUTS ¹	CURB REMOVAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (ABUTTING EXISTING PAVEMENT) ²	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (ABUTTING EXISTING PAVEMENT) ²	MEDIAN REMOVAL & CONCRETE MEDIAN SURFACE, 4 INCH	CONCRETE MEDIAN, TYPE M-4.12 ³	TIE BARS 3/4"	REMOVE AND RE-ERECT EXISTING SIGN	HANDHOLE TO BE ADJUSTED	FRAMES AND GRATES TO BE ADJUSTED	FRAMES AND LIDS TO BE ADJUSTED	DRAINAGE STRUCTURES TO BE CLEANED
STA	SQ YD	TON	SQ YD	SQ YD	SQ YD	FOOT	FOOT	FOOT	FOOT	SQ FT	SQ FT	EACH	EACH	SQ FT	EACH	EACH	EACH
SR POWDER CRK. 173+20 LT - 10' W				61.1		76	70										
SR MILLIE ST. 185+00 RT - 10' W				108.9		98											
SR MILLIE ST. 185+20 LT - 10' W				100.0		90											
FIRE DEPT. 187+17 RT - 5' W			97.3		97.3	82						74					
BRIAR HILL RD. 188+80 LT 10' W				111.1		100											
PE 204+91 LT ⁴						74	44	44				13					
208+00 LT						10	10	10				3					
PF 208+46 LT ⁴						164	82	82				26					
PE 210+20 LT ⁴						130	110	110				36			1		1
PE 217+02 RT - 2' W X 10" THICK	11.1	7.5				98	50	50				16					
221+42 TO 221+54 MEDIAN										30							
222+45 MEDIAN & MED. LT						14			10	200		3					
223+34 MEDIAN LT						19			15			5					
223+55 MEDIAN RT						12			8			3					
223+65 MEDIAN LT						14			10			3					
225+01 MEDIAN										36							
225+13 MEDIAN LT						24			20			7					
225+57 MEDIAN LT						10			6			2					
226+50 TO 226+74 MEDIAN											144	14					
226+54 MEDIAN													1				
226+62 MEDIAN														1			
226+68 MEDIAN																1	1
Anticipated Failures 15%				57.2	14.6	152.25	54.9	44.4	10.4	39.9	21.6	30.7					
TOTAL	11	7	97	438	112	1167	421	340	79	306	166	235	1	1	1	1	2

SR = SIDEROAD

SUPERSCRIPT NOTES:

¹ SAW CUT EXISTING VARIOUS MATERIALS

² CURB HEIGHT AND/OR CUTTER FLAG MAY BE LESS

³ PAY LIMIT INCLUDES BOTH CURBS

⁴ DEPRESS NEW CURB AT ENTRANCE

MONUMENTS	
LOCATION	SURVEY MONUMENT COVER ASSEMBLY
STA	EACH
226+63 CL IN HMA	1
TOTAL	1

MODEL: Miscellaneous Schedules (Sheet)
FILE NAME: c:\p\work\16101stevn.heel@illinois.gov\1059865\0876128-sh-schedules.dgn

USER NAME = Steven.Keel	DESIGNED -	REVISED -
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PLOT DATE = 1/20/2025	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES
MISCELLANEOUS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	14
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				

CAHOKIA HEIGHTS

LAKE DR.

IL 157

CHANGEABLE MESSAGE SIGN TYPICAL

END STA. 226+74

END STA. 111+95

BEGIN STA. 110+05

CHANGEABLE MESSAGE SIGN PLACED ON SOUTH SIDE OF SIGNAL HILL BLVD. DUE TO LOCATION OF EXISTING FENCE.

SIGNAL HILL BLVD.

FOLEY DRIVE

BRIAR HILL RD.

PE

SIGNAL HILL FIRE DEPARTMENT

MILLIE ST.

MILLIE ST.

POWDER CREEK DR.

GEROLD LN.

BEGIN STA. 163+00

CHANGEABLE MESSAGE SIGN

WESLEY DR.

CITY OF BELLEVILLE



MODEL: Location Map (Sheet)
FILE NAME: c:\p\work\pvt\stevens.keel@illinois.gov\1059865\0876\28-sh-details.dgn

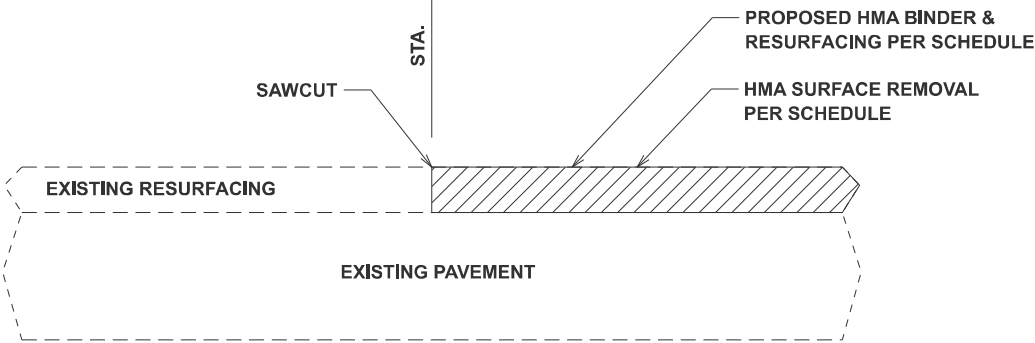
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PLOT DATE = 12/11/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

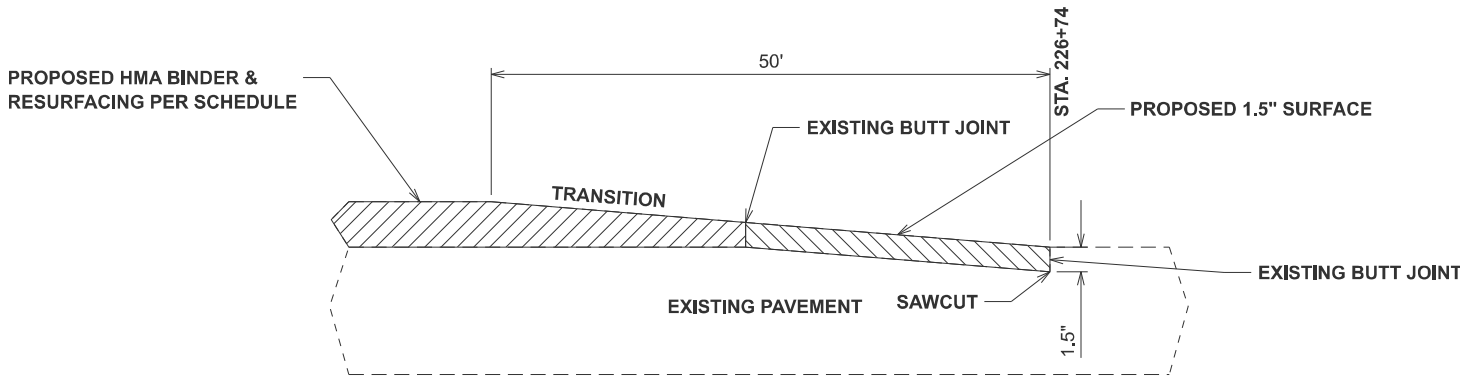
LOCATION MAP

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

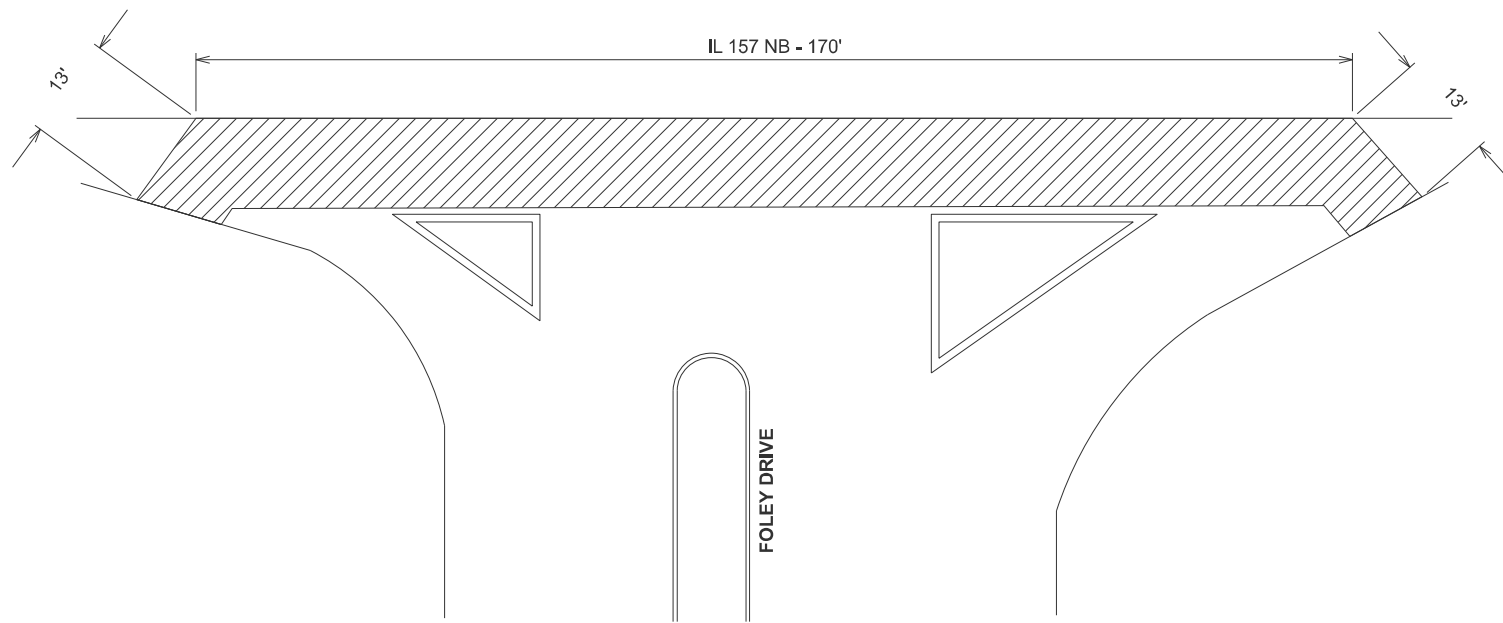
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	15
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				



BUTT JOINT TO BE CONSTRUCTED AT BEGINNING OF SECTIONS:
 STA. 163+00 (FOLEY DRIVE) AND STA. 110+05 (SIGNAL HILL BLVD.)



BUTT JOINT DETAIL AT END OF FOLEY DRIVE



PLAN VIEW AT END OF FOLEY DRIVE

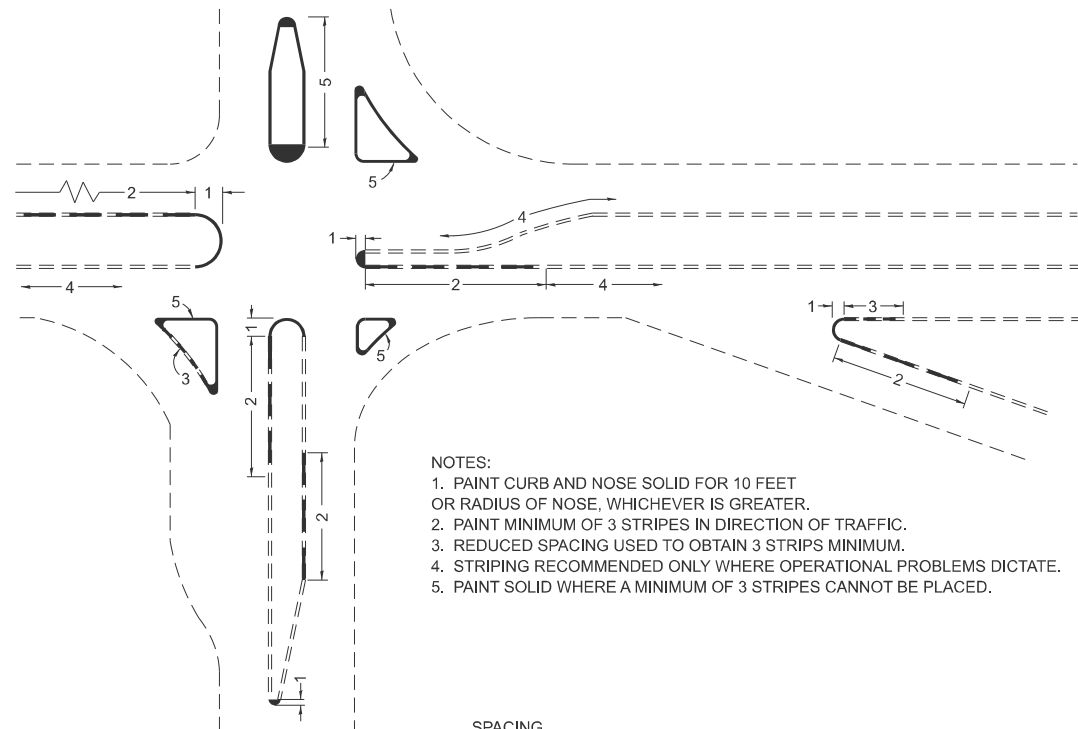
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PLOT DATE = 12/11/2024	DATE -	REVISED -

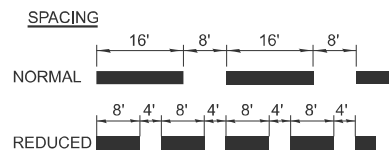
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BUTT JOINT DETAILS			
SCALE:	SHEET 1	OF 2 SHEETS	STA. TO STA.

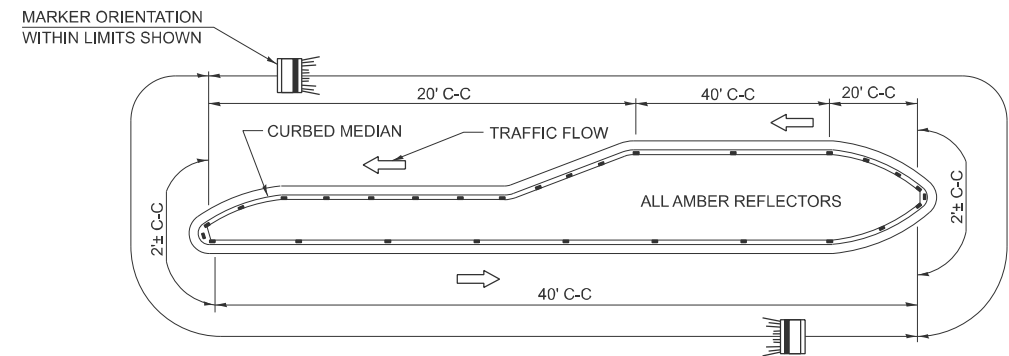
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	16
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				



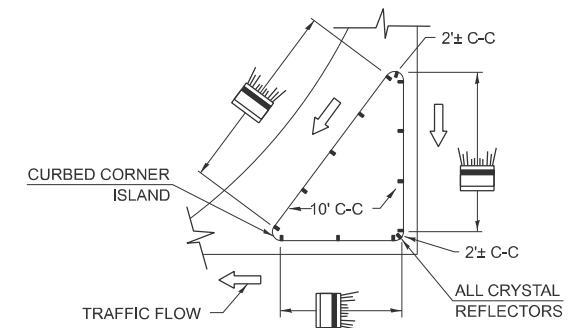
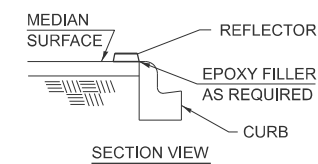
- NOTES:
1. PAINT CURB AND NOSE SOLID FOR 10 FEET OR RADIUS OF NOSE, WHICHEVER IS GREATER.
 2. PAINT MINIMUM OF 3 STRIPES IN DIRECTION OF TRAFFIC.
 3. REDUCED SPACING USED TO OBTAIN 3 STRIPS MINIMUM.
 4. STRIPING RECOMMENDED ONLY WHERE OPERATIONAL PROBLEMS DICTATE.
 5. PAINT SOLID WHERE A MINIMUM OF 3 STRIPES CANNOT BE PLACED.



CURB MARKING



- NOTES
1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
 2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
 3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.



TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS
 (NO SCALE)

MODEL: PM-1 [Sheet]
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PLOT DATE = 12/11/2024	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING
 DETAIL

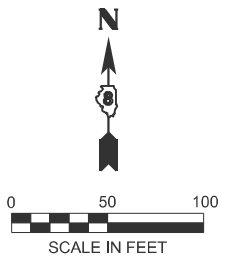
SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	17
CONTRACT NO. 76U28			ILLINOIS FED. AID PROJECT	



NOTE: EXISTING STRIPING SHOWN, NEW STRIPING TO MEET LATEST HIGHWAY STANDARDS AND MUTCD REQUIREMENTS PER SCHEDULE.

FOLEY DRIVE AT SIGNAL HILL BLVD.



MODEL: PM-2 (Sheet)
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PLOT DATE = 12/11/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
FOLEY DRIVE AT SIGNAL HILL BLVD.**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	18
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				

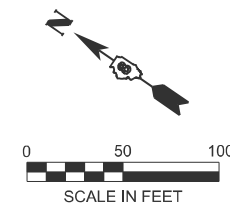
MODEL: PM-A-3 [Sheet]
 FILE NAME: c:\p\work\pav\stcl\stevn.keel@illinois.gov\1059865\0876128-sh-1-pmk.dgn

NEW 2' LINE - 6' SKIP FOR MERGE LEFT
 NEW MERGE LEFT ARROWS, 3 EACH.



NOTE: EXISTING STRIPING SHOWN. NEW STRIPING TO MEET LATEST HIGHWAY STANDARDS AND MUTCD REQUIREMENTS PER SCHEDULE.

FOLEY DRIVE AT IL 157



USER NAME = Steven.Keel	DESIGNED -	REVISED -
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	CHECKED -	REVISED -
PLOT DATE = 12/11/2024	DATE -	REVISED -

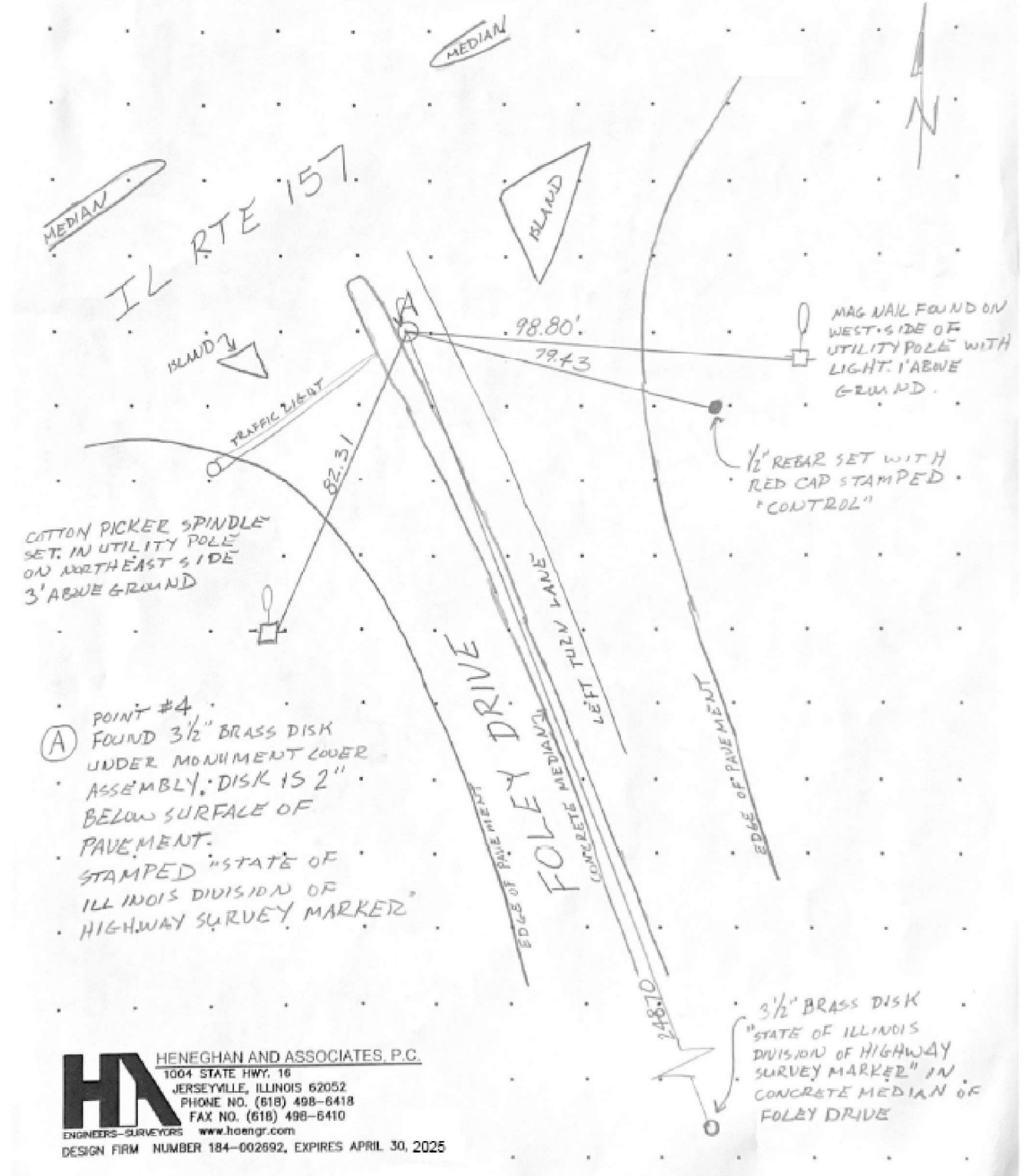
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING
 FOLEY DRIVE AT IL 157**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	19
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				

Point#: 4 Description: 3 1/2" BRASS DISK Crew: JES/JPK Date#: 8/12/22



(A) POINT #4
FOUND 3 1/2" BRASS DISK
UNDER MONUMENT COVER
ASSEMBLY. DISK IS 2"
BELOW SURFACE OF
PAVEMENT.
STAMPED "STATE OF
ILLINOIS DIVISION OF
HIGHWAY SURVEY MARKER"

HA HENEHAN AND ASSOCIATES, P.C.
1004 STATE HWY. 16
JERSEYVILLE, ILLINOIS 62052
PHONE NO. (618) 498-6418
FAX NO. (618) 498-6410
ENGINEERS-SURVEYORS www.haenr.com
DESIGN FIRM NUMBER 184-002692, EXPIRES APRIL 30, 2025

MODEL: Survey Monument (Sheet)
FILE NAME: c:\pwworking\stevenc.keel@illinois.gov\1059865\0876128-sh1-11-B.dgn

USER NAME = Steven.Keel	DESIGNED -	REVISED -
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PLOT DATE = 12/10/2024	DATE -	REVISED -

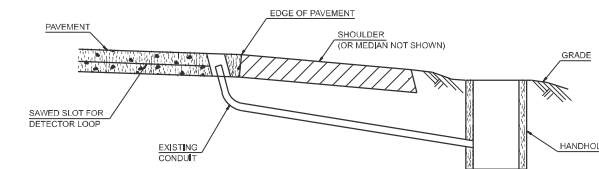
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MONUMENT MAP & DETAIL

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

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	20
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES				
CODE	LOCATION	ITEM	UNIT	TOTAL
81266-10	STA 226+59 LT TURN	LOCATING UNDERGROUND CABLE	FOOT	70
X1266-105	STA 226+59 LT TURN	DETECTOR LOOP REPLACEMENT	FOOT	540



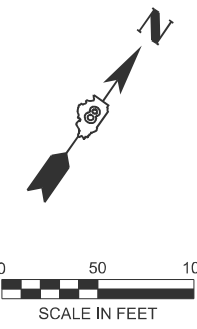
DETAIL
(NO SCALE)
RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

- 1 DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- 2 REMOVE EXISTING CABLE TO HANDHOLE.
- 3 INSTALL LOOP LEAD-IN CONDUCTORS IN CONDUIT.
- 4 SPIKE NEW DETECTOR LOOP LEAD-IN CONDUCTORS TO EXISTING LEAD-IN CABLE IN HANDHOLE.
- 5 FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP, TYPE I"

TRAFFIC SIGNALS LEGEND

- EVPS EMERGENCY VEHICLE PRIORITY SYSTEM
- GSC GALVANIZED STEEL CONDUIT
- PVCC POLYVINYL CHLORIDE CONDUIT
- UD UNIDUCT
- EXISTING SIGNAL POST
- EXISTING SIGNAL POST WITH BACKPLATE
- EXISTING TRAFFIC SIGNAL MAST ARM
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING HEAVY DUTY HANDHOLE
- EXISTING DETECTOR LOOP
- EXISTING CONTROLLER
- EXISTING STREET NAME SIGN/TRAFFIC SIGN
- EXISTING ILLUMINATED SIGN
- EXISTING SERVICE INSTALLATION
- EXISTING EMERGENCY VEHICLE SYSTEM DETECTOR (E.V.P.S.)
- EXISTING (E.V.P.S.) CONFIRMATION BEACON
- EXISTING SIGNAL HEAD, PEDESTRIAN
- EXISTING PEDESTRIAN PUSHBUTTON DETECTOR
- EXISTING GALVANIZED STEEL CONDUIT
- PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
- PROPOSED EMERGENCY VEHICLE SYSTEM DETECTOR (E.V.P.S.)
- PROPOSED (E.V.P.S.) CONFIRMATION BEACON
- PROPOSED HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- PROPOSED HEAVY DUTY HANDHOLE
- PROPOSED DETECTOR LOOP
- PROPOSED CONTROLLER
- PROPOSED PEDESTRIAN PUSHBUTTON DETECTOR
- PROPOSED SIGNAL HEAD, PEDESTRIAN
- PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED
- PROPOSED STREET NAME SIGN/TRAFFIC SIGN
- PROPOSED ILLUMINATED SIGN
- PROPOSED SERVICE INSTALLATION
- PROPOSED SIGNAL POST
- PROPOSED SIGNAL POST WITH BACKPLATE
- PROPOSED GROUND ROD ARRAY



MODEL: ELECTRICAL DETECTOR LOOPS (Sheet)
FILE NAME: c:\pwwork\pwwork\1059865\1059865\128-sh-1-electrical.dgn

USER NAME = Steven.Keel	DESIGNED -	REVISED -
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PLOT DATE = 12/11/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL DETECTOR LOOPS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9185	169RS-2	ST CLAIR	21	21
CONTRACT NO. 76U28				
ILLINOIS FED. AID PROJECT				