

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9273	(26-1,27)RS-3	ST. CLAIR	7	1
		REL. QIS	CONTRACT NO. 76M42	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 HIGHWAY STANDARDS, GENERAL NOTES, MIXTURE REQUIREMENTS AND COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5-6 SCHEDULE OF QUANTITIES
- 7 LOCATION MAP AND DETAILS

TRAFFIC DATA - FROM S BELT EAST TO WABASH AVE
 2019 ADT=2800 (ACTUAL)
 2022 ADT=2900 (ESTIMATED)
 2042 ADT=3400 (ESTIMATED)
 SU= 6.1% MU= 0.6%

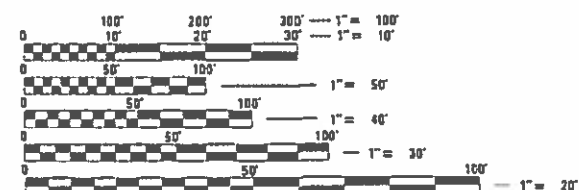
TRAFFIC DATA - FROM WABASH AVE TO NOCTURNE COURT
 2019 ADT=1500 (ACTUAL)
 2022 ADT=1550 (ESTIMATED)
 2042 ADT=1800 (ESTIMATED)
 SU= 9.3% MU= 4.0%

PROJECT BEGINS:
 100' SOUTH OF
 S BELT EAST
 STA 100+00

PROPOSED
HIGHWAY PLANS

FAU ROUTE 9273 (IL 013)
 SECTION (26-1,27)RS-3
 PROJECT STP-QE20(842)
 RESURFACING - STANDARD OVERLAY
 ST. CLAIR COUNTY

C-98-075-19

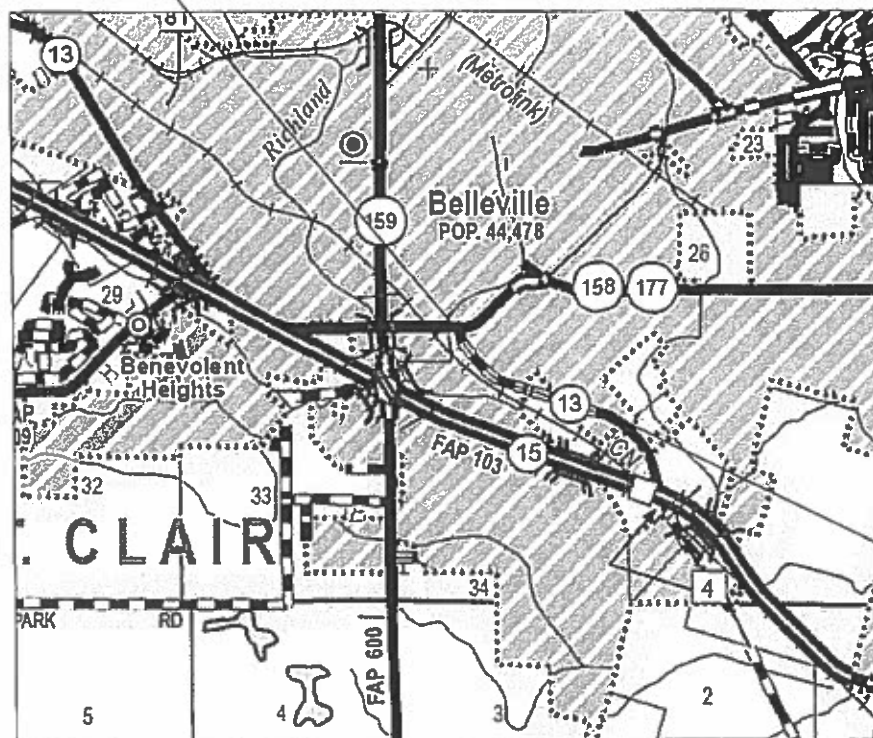


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: TIFFANY BRASE (618) 346-3175
 PROJECT MANAGER: MARCEL LARE (618) 346-3208

CONTRACT NO. 76M42



PROJECT ENDS:
 NOCTURNE COURT
 STA 144+35.20

GROSS LENGTH = 4435.2 FT. = 0.84 MILE
 NET LENGTH = 4435.2 FT. = 0.84 MILE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED March 6, 2020
Kent R. Roberts
 REGIONAL ENGINEER

MAY 8 2020
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

MAY 8 2020
[Signature]
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-09	PAVEMENT JOINTS
442201-03	CLASS C AND D PATCHES
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATION
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
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

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

	AERIAL	BURIED
* AMEREN ILLINOIS	X	X
* AT&T ILLINOIS	X	X
* CITY OF BELLEVILLE		X
* CHARTER COMMUNICATIONS	X	X
* ILLINOIS AMERICAN WATER COMPANY		X
* LEVEL 3 COMMUNICATIONS, LLC	X	X
* VERIZON BUSINESS	X	X
* ZAYO GROUP LLC	X	X

2. AN ESTIMATED QUANTITY OF 1840 TONS OF CUTTINGS FROM HMA REMOVAL IS ANTICIPATED.
3. NO OVERNIGHT LANE CLOSURES WILL BE PERMITTED.
4. THE PROPOSED PAVEMENT MARKINGS SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
5. ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO HMA SURFACE REMOVAL.
6. SHORT TERM PAVEMENT MARKING REMOVAL SHALL ONLY BE MEASURED AND PAID FOR ON THE FINAL SURFACE LIFT.
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 WORK FORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION- RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSE WORK (CARPENTRY, CONCRETE 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 WORK FORCE AND TRAINEE GOALS
8. IF THE SURFACE REMOVAL ON THIS PROJECT PRODUCES A MILLED EDGE ANYWHERE GREATER THAN 1.5 INCHES BETWEEN ADJACENT OPEN LANES OF TRAFFIC, ONE OF THE FOLLOWING SHALL APPLY:
 -THE CONTRACTOR SHALL ORGANIZE THE WORK TO AVOID THE MILLED EDGE.
 -THE CONTRACTOR SHALL CONSTRUCT A TEMPORARY HOT MIX ASPHALT WEDGE ALONG THE MILLED EDGE.
 -THE CONTRACTOR SHALL CONSTRUCT A MILLED SLOPED EDGE (MINIMUM 1:3) ALONG THE MILLED EDGE.
9. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED FOR THIS PROJECT. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS.
10. 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 WAS CREATED USING MICRIFILM AND FIELD MEASUREMENTS. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

MIXTURE REQUIREMENTS

ROUTE	FAU 9273 (IL 13)
SECTION	(26-1,27)RS-3
COUNTY	ST. CLAIR
CONTRACT	76M42

DESCRIPTION:	Resurfacing along IL 13 from S Belt East to Nocturne Ct in Belleville.
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ADT (Construction Yr):	2800
MU%:	0.6
SU%:	6.1
20 YR. ESAL'S:	0.35

MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (Gradation)	IL 9.5	IL 9.5 FG
FRICITION AGG	MIXTURE "C"	MIXTURE "C"
QUALITY MGMT PROGRAM	QCP	QC/QA

MIXTURE USE	SHOULDERS (Lower)	SHOULDERS (Surface)	PATCHING
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=30	4.0% @ Ndes=30	4.0% @ Ndes=70
MIX COMPOSITION (Gradation)	IL 19.0L	IL 9.5L	IL 19.0
FRICITION AGG			MIXTURE "B"
QUALITY MGMT PROGRAM	QC/QA	QC/QA	QC/QA

COMMITMENTS

NONE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHWAY STANDARDS, GENERAL NOTES,
MIXTURE REQUIREMENTS AND COMMITMENTS.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9273	(26-1,27)RS-3	ST. CLAIR	7	2
CONTRACT NO. 76M42			ILLINOIS FED. AID PROJECT	

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

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				80% FED 20% STATE
				ROADWAY
				0005 URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8064	8064
40600990	TEMPORARY RAMP	SQ YD	80	80
40602970	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N70	TON	836	836
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	1003	1003
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	13654	13654
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	154	154
44200172	PAVEMENT PATCHING, TYPE III, 14 INCH	SQ YD	66	66
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	70	70
48203100	HOT-MIX ASPHALT SHOULDERS	TON	267	267
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2
67100100	MOBILIZATION	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1210	1210

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				80% FED 20% STATE
				ROADWAY
				0005 URBAN
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	134	134
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	12474	12474
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12474	12474
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	55	55
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	55	55
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	4168	4168
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	4435	4435
Z0034105	MATERIAL TRANSFER DEVICE	TON	1840	1840

* SPECIALTY ITEM

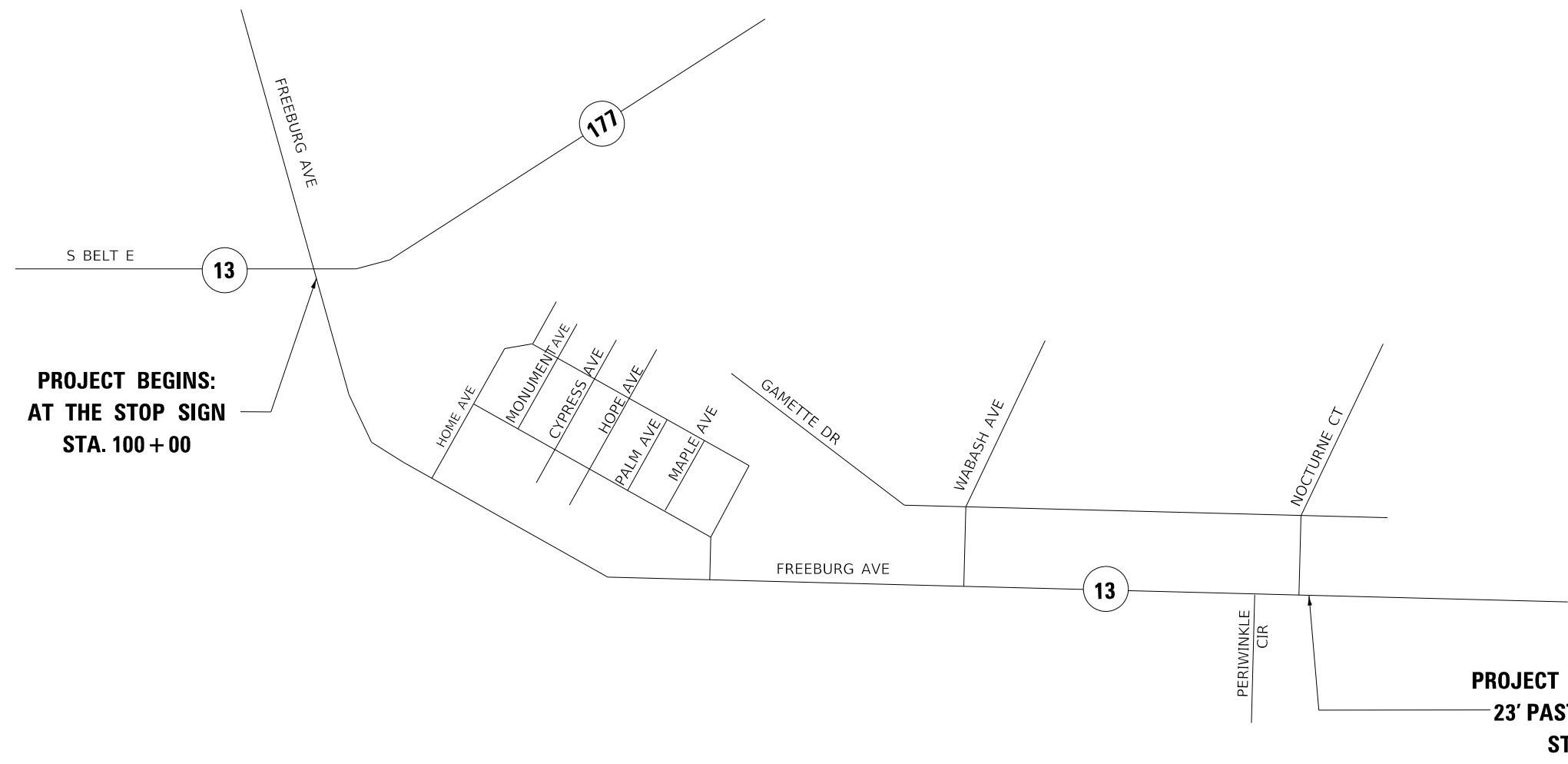
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PLOT DATE = 3/4/2020	DATE -	REVISED -

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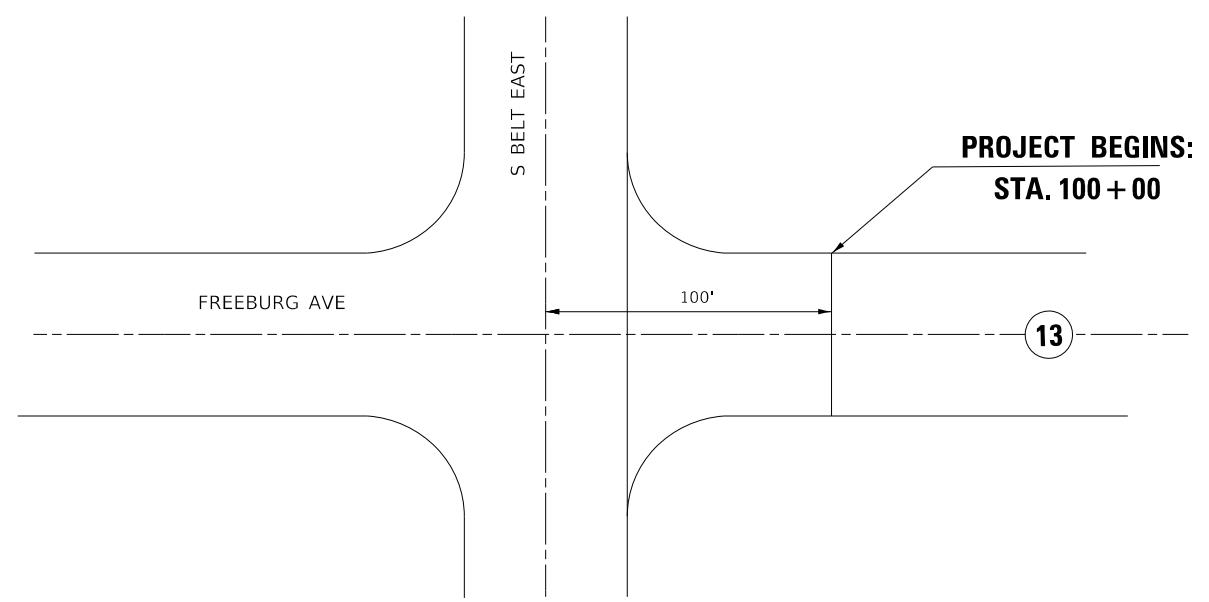
SUMMARY OF QUANTITIES

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

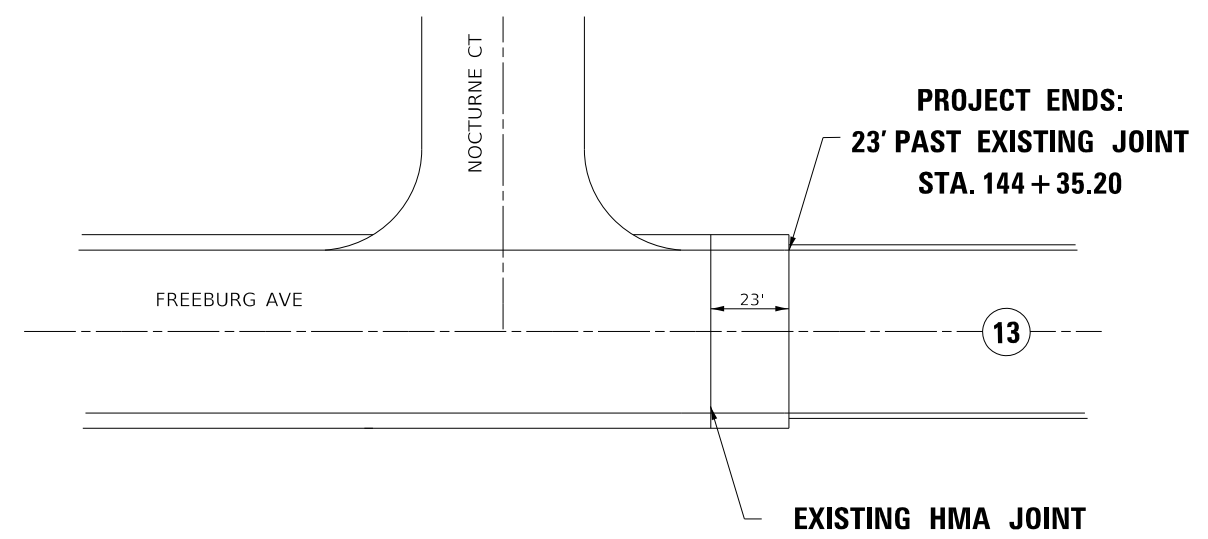
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START DETAIL



END DETAIL



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DEPARTMENT OF TRANSPORTATION

LOCATION MAP AND DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9273	(26-1,27)RS-3	ST. CLAIR	7	7
CONTRACT NO. 76M42			ILLINOIS FED. AID PROJECT	