

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	1
		ILLINOIS	CONTRACT NO. 97827	

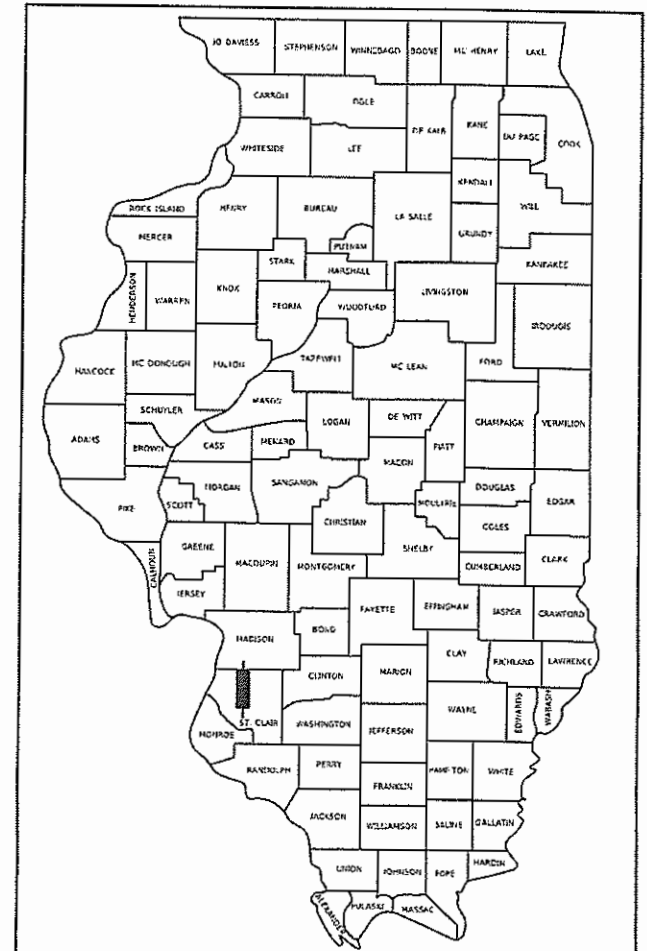
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# PROPOSED HIGHWAY PLANS

CMAQ FUNDS  
FAU ROUTE 9168 (OLD COLLINSVILLE ROAD)  
FAU ROUTE 9163 (ASHLAND AVENUE)  
SECTION 19-00276-07-PW  
PROJECT NO. K9XL(969), DXFL(270)  
INTERSECTION IMPROVEMENTS  
CITY OF FAIRVIEW HEIGHTS  
ST. CLAIR COUNTY

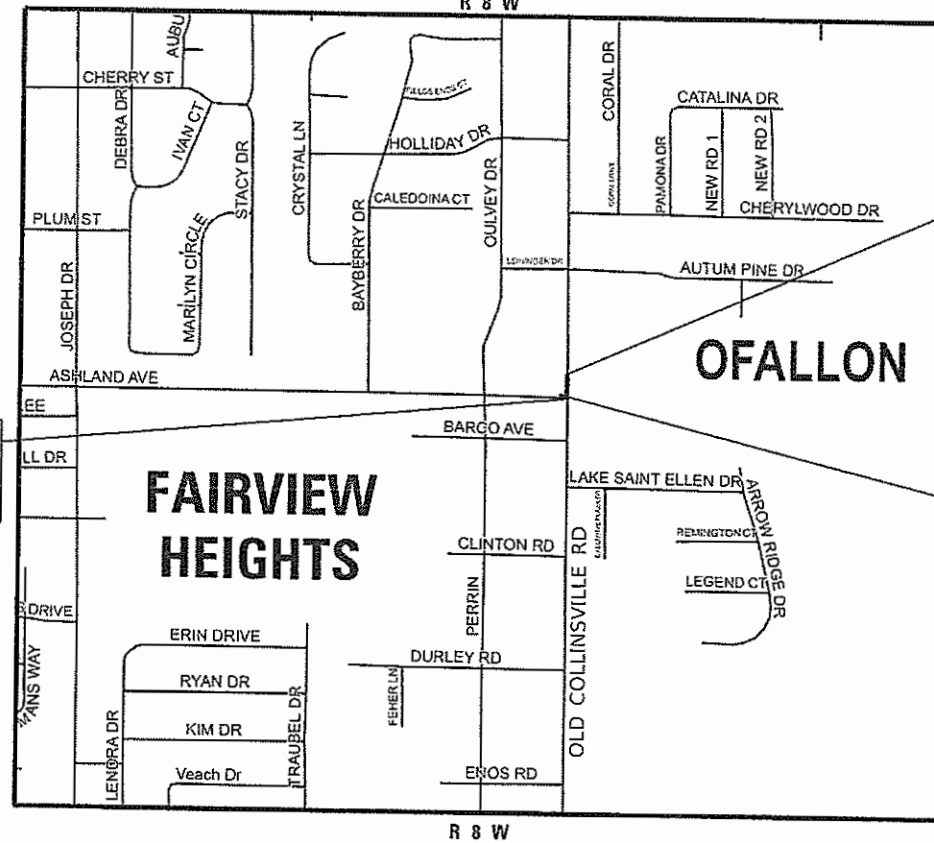
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LOCATION OF SECTION INDICATED THUS: -

DESIGN DESIGNATION

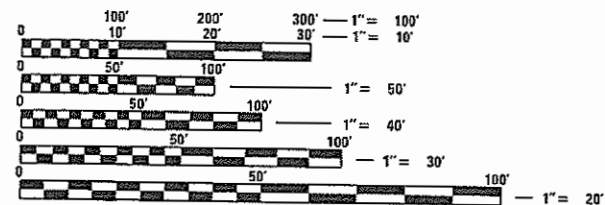
ROADWAY CLASSIFICATION: MINOR ARTERIAL (OLD COLLINSVILLE RD)/  
MAJOR COLLECTOR (ASHLAND AVE)  
DESIGN SPEED: 35 MPH (OLD COLLINSVILLE RD)/35 MPH (ASHLAND AVE)  
CURRENT ADT (2022): 12,700 VPD (OLD COLLINSVILLE RD)/6,600 VPD (ASHLAND AVE)  
DESIGN YEAR ADT (2042): 15,500 VPD (OLD COLLINSVILLE RD)/8,000 VPD (ASHLAND AVE)



END PROJECT  
OLD COLLINSVILLE RD  
STA. 189+37.21  
LAT. 38°35'06.95" N  
LONG. 89°57'58.13" W

OLD COLLINSVILLE RD  
STA. 185+64.30 =  
ASHLAND AVE  
STA. 63+33.25

BEGIN PROJECT  
OLD COLLINSVILLE RD  
STA. 185+20.77  
LAT. 38°35'11.06" N  
LONG. 89°57'58.57" W



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

CONTRACT NO: 97827



PLANS PREPARED BY:  
4940 Old Collinsville Road  
Swansea, Illinois 62226  
Tel: 618.624.4488  
www.twm-inc.com  
Illinois Professional Design Firm  
No. 184-001220  
License Expires: 4/30/2025  
ILLINOIS - MISSOURI - TENNESSEE

GROSS LENGTH:  
OLD COLLINSVILLE RD = 416.33 FT. = 0.079 MILE (TOTAL)  
NET LENGTH:  
OLD COLLINSVILLE RD = 416.33 FT. = 0.079 MILE (TOTAL)



06/24/2024  
JOSHUA W. STEIN, P.E.  
LICENSE NO. 062-062775  
EXPIRATION DATE 11-30-2025

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED: *[Signature]* 8/16/2024  
COUNTY ENGINEER  
ST. CLAIR COUNTY DEPT. OF ROADS & BRIDGES

APPROVED: *[Signature]* JUNE 27 2024  
MAYOR, CITY OF FAIRVIEW HEIGHTS

PASSED: *[Signature]* 12/18 2024  
DISTRICT 8 ENGINEER  
LOCAL ROADS & STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW: *[Signature]* 12/18 2024  
REGION FIVE ENGINEER

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OF THE STATE OF ILLINOIS

## GENERAL NOTES

- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON U.S.G.S. MEAN SEA LEVEL DATUM.
- HORIZONTAL CONTROL IS BASED ON THE STATE PLANE COORDINATES SYSTEM.
- IT IS NOT WARRANTED THAT THIS DOCUMENT CONTAINS COMPLETE INFORMATION REGARDING EASEMENTS, RESERVATIONS, RESTRICTIONS, RIGHT-OF-WAYS, BUILDING LINE SETBACKS, AND OTHER ENCUMBRANCES. FOR COMPLETE INFORMATION, A TITLE OPINION OR COMMITMENT FOR TITLE INSURANCE SHOULD BE OBTAINED AND THOROUGHLY REVIEWED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAVE WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING OF MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE CONSTRUCTION LIMITS LINE SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL NOTIFY THE ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES AND THE CITY OF FAIRVIEW HEIGHTS AT LEAST TWO WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.

## UTILITIES

- EXISTING UNDERGROUND AND ABOVE-GRADE UTILITY STRUCTURES AND FACILITIES HAVE BEEN PLOTTED ON THESE PLANS BASED ON TOPOGRAPHIC SURVEYS CONDUCTED DURING DESIGN. THE LOCATIONS OF THESE FEATURES MUST BE CONSIDERED APPROXIMATE ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES WHICH DID NOT EXIST OR WERE NOT KNOWN DURING PREPARATION OF THESE DRAWINGS, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL EXISTING FACILITIES LOCATED IN THE FIELD PRIOR TO ANY CONSTRUCTION ACTIVITIES AND TO PROTECT ALL SUCH FACILITIES THROUGHOUT CONSTRUCTION.
- UNLESS NOTED OTHERWISE, THE TYPE, SIZE, DEPTH, AND LOCATION OF EXISTING GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER FACILITIES AS DELINEATED ON THE PLANS HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS BUILTS" OR RECORD DRAWINGS, FIELD SURVEY ON J.U.L.I.E. MARKED UTILITIES, OR FIELD SURVEY OF ABOVE GROUND SUBSURFACE UTILITY FEATURES. THEREFORE THEIR EXACT LOCATION, SIZE AND FUNCTION MUST BE CONSIDERED APPROXIMATE. THE EXISTING LOCATION OF ALL UNDERGROUND ELECTRIC, TELEPHONE, CABLE, SANITARY SEWER LINES AND GAS MAINS HAVE BEEN APPROXIMATED AT MINIMUM DEPTHS OF 30", 24", 24", 30", AND 36", RESPECTIVELY.
- ANY FACILITIES OR APPURTENANCES, WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL/ADJUSTMENTS AND ADJUST HIS/HER OPERATIONS IN ORDER THAT, THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THE PROJECT MAY PROGRESS IN A REASONABLE MANNER.
- UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT ARE:  
  
AMEREN ILLINOIS  
AT&T DISTRIBUTION  
CASEYVILLE TOWNSHIP SEWER  
CITY OF FAIRVIEW HEIGHTS SEWER  
CITY OF O'FALLON SEWER  
IL AMERICAN WATER  
MCI / VERIZON  
  
THE FOLLOWING MEMBERS ARE NOT MEMBERS OF J.U.L.I.E.:  
ST. CLAIR COUNTY
- ST. CLAIR COUNTY UTILITY NOTE:  
THE COUNTY IS NOT A MEMBER OF J.U.L.I.E. AND DOES NOT LOCATE ITS OWN FACILITIES (SUCH AS UNDERGROUND CONDUIT AND/OR CABLE FOR TRAFFIC SIGNALS OR HIGHWAY LIGHTS). THE APPLICANT, AT HIS/HER OWN EXPENSE, MUST OBTAIN THE SERVICES OF A QUALIFIED ELECTRICAL CONTRACTOR TO LOCATE SUCH COUNTY OWNED FACILITIES.
- REFER TO THE "STATUS OF UTILITIES TO BE ADJUSTED" SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

## DRAINAGE AND EROSION CONTROL

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE DURING VARIOUS STAGES OF CONSTRUCTION. THIS INCLUDES ALL LABOR, EQUIPMENT AND MATERIALS USED BEYOND WHAT IS SPECIFIED IN THE PLANS. NECESSARY ITEMS SUCH AS TEMPORARY DITCHES OR PIPES WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
- EROSION AND SEDIMENT CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS AND AS SHOWN ON THE PLANS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL EROSION AND SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENT DOES MIGRATE OFF SITE OR IF EROSION CONTROL DEVICES BECOME DAMAGED, THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR OR REPLACE DEVICES TO ENSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.
- EXISTING DITCHES/ SWALES WILL NEED TO BE REGRADED/ SHAPED TO ENSURE ALL FLOWS ENTER THE PROPER DITCH, CROSS ROAD CULVERT, POND, OR OTHER DRAINAGE APPURTENANCES, UNLESS OTHERWISE INDICATED. THIS WORK SHALL BE INCLUDED IN THE COST OF EARTHWORK, UNLESS NOTED OTHERWISE.
- ALL DRAINAGE STRUCTURES THAT ARE CONSTRUCTED, RECONSTRUCTED, OR ADJUSTED SHALL BE CLEANED OF ANY ACCUMULATED SILT OR DEBRIS. THIS WORK WILL BE INCLUDED IN THE COST OF VARIOUS DRAINAGE STRUCTURE PAY ITEMS.
- ALL CLASS A STORM SEWER SHALL BE REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED.

## TRAFFIC CONTROL

- ALL CONSTRUCTION SIGNS SHALL BE 48" FLUORESCENT ORANGE.
- FLUORESCENT ORANGE 'ROAD CONSTRUCTION AHEAD' SIGNS (48"x48") SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS/STREETS AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL NOT BE MEASURED FOR PAYMENT. COST SHALL BE INCLUDED IN THE VARIOUS TRAFFIC CONTROL PAY ITEMS.
- ANY EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRIERS AND APPROPRIATE LIGHTS OR BY OTHER MEANS IN ACCORDANCE WITH SECTION 701.
- NO OVERNIGHT LANE CLOSURES SHALL BE ALLOWED ON OLD COLLINSVILLE ROAD OR ASHLAND AVENUE. IF THE CONTRACTOR CHOOSES TO DEVIATE FROM THESE RESTRICTIONS, THE CONTRACTOR MUST CONTACT ST. CLAIR COUNTY AND THE CITY OF FAIRVIEW HEIGHTS AND ACQUIRE APPROVAL.

## SIGNS

- ANY DAMAGE TO EXISTING SIGNS IN STORAGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- EXISTING SIGNS SHALL BE REMOVED, STORED, AND RESURRECTED AS SHOWN IN THE PLANS.

## PROPERTY OWNER ACCESS REQUIREMENTS

- ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION, UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH A COPY GIVEN TO THE PROPERTY OWNERS AND THE ENGINEER FOR SHORT-TERM CLOSURE.
- PRIOR TO CONSTRUCTING ANY ENTRANCE, THE PROPERTY OWNER WILL BE NOTIFIED IN WRITING BY THE CONTRACTOR, INFORMING THEM OF CONSTRUCTION AND ESTIMATED DATES CONSTRUCTION WILL TAKE PLACE.

## SIDEWALKS

- THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING THE PROPOSED SIDEWALK AND ADJOINING RAMPS IN ACCORDANCE WITH APPLICABLE ADA STANDARDS.
- ALL DETECTABLE WARNINGS PANELS SHALL BE PLACED IN ACCORDANCE WITH APPLICABLE HIGHWAY STANDARDS.

## COMMITMENTS

THE BLACK OAK TREE AT THE NORTH WEST QUADRANT OF THE INTERSECTION SHALL BE PROTECTED WITH TEMPORARY FENCEING. THE FENCE SHALL FOLLOW THE TCE TO THE EAST AND FOLLOW THE TREE'S DRIP LINE ON THE NORTH AND SOUTH.

## IDOT HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-11	PAVEMENT JOINTS
420101-07	JOINTED PCC PAVEMENT
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424026-04	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442101-09	CLASS B PATCHES
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602401-07	PRECAST MANHOLE, TYPE A, 4' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS, TYPE 1
604091-05	FRAME AND GRATE TYPE 24
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
838001-01	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

## APPLICATION RATES

THE FOLLOWING RATES OF APPLICATION WERE UTILIZED TO CALCULATE CONTRACT QUANTITIES:

AGGREGATES (SURFACE, BASE, BACKFILL)	2.10 TON/CY
NITROGEN FERTILIZER NUTRIENT	90 LB/ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LB/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LB/ACRE
AGRICULTURE GROUND LIMESTONE	2 TON/ACRE
MULCH	2 TON/ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB/ACRE

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ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES

GENERAL NOTES, HIGHWAY STANDARDS AND COMMITMENTS

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	2
			CONTRACT NO. 97827	
		ILLINOIS	FED. AID PROJECT	

				ST. CLAIR COUNTY	
				CMAQ - 20% LOCAL / 80% FED	
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS / ADA
				0004	0021
				URBAN	URBAN
20101000	TEMPORARY FENCE	FOOT	75	75	0
20200100	EARTH EXCAVATION	CU YD	450	450	0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	10	10	0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	10	10	0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	10	10	0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	10	10	0
28000500	INLET AND PIPE PROTECTION	EACH	6	6	0
31100100	SUBBASE GRANULAR MATERIAL, TYPE A	TON	695	695	0
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	4	4	0
42000060	WELDED WIRE REINFORCEMENT	SQ YD	527	527	0
42000301	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	SQ YD	487	487	0
42001300	PROTECTIVE COAT	SQ YD	751	751	0
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	15	15	0
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	2349	0	2349
42400800	DETECTABLE WARNINGS	SQ FT	30	0	30

Δ SPECIALTY ITEMS

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**TWM, INC.**  
www.twm-inc.com  
IL DESIGN FIRM  
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184-001220

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**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

**SUMMARY OF QUANTITIES**

SCALE: NTS    SHEET 1 OF 7 SHEETS    STA.    TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	3
			CONTRACT NO. 97827	
		ILLINOIS	FED. AID PROJECT	

				ST. CLAIR COUNTY	
				CMAQ - 20% LOCAL / 80% FED	
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS / ADA
				0004	0021
				URBAN	URBAN
44000100	PAVEMENT REMOVAL	SQ YD	33	33	0
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	23	23	0
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	483	448	35
44000600	SIDEWALK REMOVAL	SQ FT	1882	0	1882
44201298	DOWEL BARS 1 1/4"	EACH	60	60	0
44213200	SAW CUTS	FOOT	419	419	0
44213208	TIE BARS 1 1/4"	EACH	60	60	0
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	75	75	0
55100500	STORM SEWER REMOVAL 12"	FOOT	10	10	0
56109210	WATER VALVES TO BE ADJUSTED	EACH	3	3	0
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1	0
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	2	2	0
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	2	2	0
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2	0
60500060	REMOVING INLETS	EACH	1	1	0

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**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET 2	OF 7 SHEETS	STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	4
CONTRACT NO. 97827			ILLINOIS FED. AID PROJECT	

				ST. CLAIR COUNTY	
				CMAQ - 20% LOCAL / 80% FED	
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS / ADA
				0004	0021
				URBAN	URBAN
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	2	2	0
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	459	424	35
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70300100	SHORT TERM PAVEMENT MARKING	FOOT	103	103	0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	34	34	0
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	62	62	0
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	1658	1658	0
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	320	320	0
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	133	133	0
72000100	SIGN PANEL - TYPE 1	SQ FT	7.00	4.00	3.00
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	1.50	0.00	1.50
72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1	0
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	30	30	0
Δ 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	62	62	0
Δ 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1658	1658	0

Δ SPECIALTY ITEMS

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**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

**SUMMARY OF QUANTITIES**

SCALE: NTS    SHEET 3 OF 7 SHEETS    STA.    TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	5
CONTRACT NO. 97827			ILLINOIS FED. AID PROJECT	

					ST. CLAIR COUNTY	
					CMAQ - 20% LOCAL / 80% FED	
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS / ADA	
				0004	0021	
				URBAN	URBAN	
Δ 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	320	320	0	
Δ 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	133	133	0	
Δ 78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	1416	1416	0	
Δ 80300100	LOCATING UNDERGROUND CABLE	FOOT	1490	0	1490	
Δ 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	75	0	75	
Δ 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	85	0	85	
Δ 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	35	0	35	
Δ 81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	197	0	197	
Δ 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	3	0	3	
Δ 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	8	0	8	
Δ 81400100	HANDHOLE	EACH	1	0	1	
Δ 81400300	DOUBLE HANDHOLE	EACH	1	0	1	
Δ 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	797	0	797	
Δ 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	856	0	856	
Δ 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1175	0	1175	

Δ SPECIALTY ITEMS

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**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

**SUMMARY OF QUANTITIES**

SCALE: NTS    SHEET 4 OF 7 SHEETS    STA.    TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	6
CONTRACT NO. 97827			ILLINOIS FED. AID PROJECT	

					ST. CLAIR COUNTY	
					CMAQ - 20% LOCAL / 80% FED	
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS / ADA	
				0004	0021	
				URBAN	URBAN	
Δ 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	244	0	244	
Δ 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2047	0	2047	
Δ 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	58	0	58	
Δ 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	623	0	623	
Δ 87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	1	0	1	
Δ 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8	0	8	
Δ 87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3	0	3	
Δ 87900200	DRILL EXISTING HANDHOLE	EACH	4	0	4	
Δ 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	0	1	
Δ 88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1	0	1	
Δ 88500520	INDUCTION LOOP DETECTOR AMPLIFIER WITH CALL DELAY AND CALL CARRY-OVER, DIGITAL DESIGN	EACH	3	0	3	
Δ 88600100	DETECTOR LOOP, TYPE I	FOOT	397	0	397	
Δ 88800100	PEDESTRIAN PUSH-BUTTON	EACH	4	0	4	
Δ 89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	1	0	1	
Δ 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2	0	2	

Δ SPECIALTY ITEMS

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PLOT DATE = 2/5/2026	CHECKED - JWS	REVISED -
	DATE - DECEMBER 2023	REVISED -



**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

**SUMMARY OF QUANTITIES**

SCALE: NTS SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	7
			CONTRACT NO. 97827	
		ILLINOIS	FED. AID PROJECT	

					ST. CLAIR COUNTY	
					CMAQ - 20% LOCAL / 80% FED	
CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS / ADA	
				0004	0021	
				URBAN	URBAN	
Δ 89502200	MODIFY EXISTING CONTROLLER	EACH	1	0	1	
Δ 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4525	0	4525	
Δ 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	0	1	
Δ 89502380	REMOVE EXISTING HANDHOLE	EACH	1	0	1	
Δ 89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1	0	1	
Δ 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2	0	2	
Z0018911	DRILL AND GROUT #6 TIE BARS	EACH	156	156	0	
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	15	15	0	
X1200034	INLET TO BE ADJUSTED WITH NEW LID - SPECIAL	EACH	1	1	0	
Δ X1400031	REMOVE PEDESTRIAN PUSH-BUTTON	EACH	2	0	2	
X1700066	POTHOLING	EACH	25	25	0	
X4420668	CLASS B PATCHES, TYPE IV, 8 INCH (SPECIAL)	SQ YD	40	40	0	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.5	
Δ X8140115	HANDHOLE TO BE ADJUSTED	EACH	1	0	1	
Δ X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	2	0	2	

Δ SPECIALTY ITEMS

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	DATE - DECEMBER 2023	REVISED -



**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

**SUMMARY OF QUANTITIES**

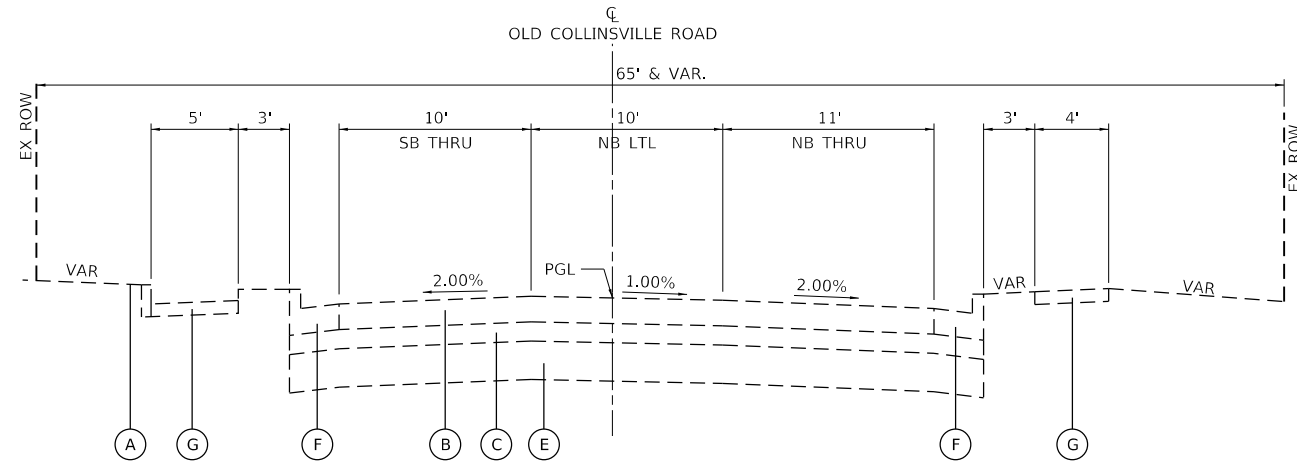
SCALE: NTS SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	8
CONTRACT NO. 97827			ILLINOIS FED. AID PROJECT	



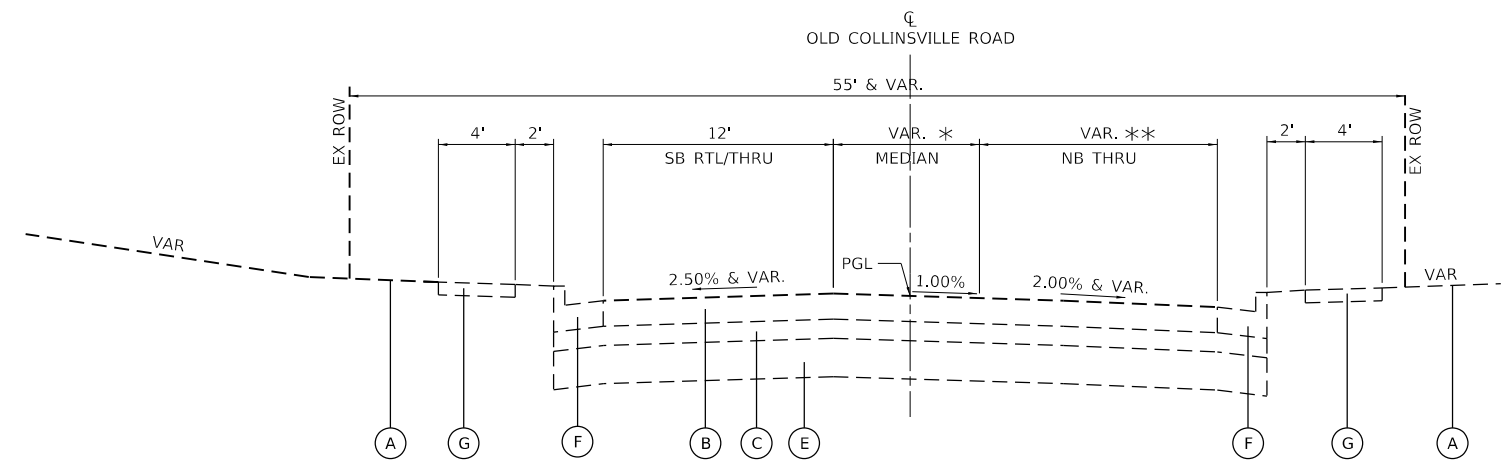
**LEGEND**

- (A) EX. GROUND
- (B) EX. PCC PAVEMENT, 8"
- (C) EX. SUBBASE GRANULAR MATERIAL, TYPE A, 6"
- (D) EX. LIME MODIFIED SOIL, 8"
- (E) EX. LIME MODIFIED SOIL, 12"
- (F) EX. COMB. CONC. C&G TY B-6.24
- (G) EX. PCC SIDEWALK, 4"
- (1) PR. PORTLAND CEMENT CONCRETE PAVEMENT, 8" (JOINED)
- (2) PR. SUBBASE GRANULAR MATERIAL, TYPE A, 6"
- (3) PR. SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- (4) PR. WELDED WIRE REINFORCEMENT
- (5) PR. SAWED LONG. JOINT OR LONG. CONSTRUCTION JOINT (STD 420001)
- (6) PR. DRILL AND GROUT #6 TIE BARS
- (7) PR. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (8) PR. PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- (9) PR. PAVEMENT MARKING



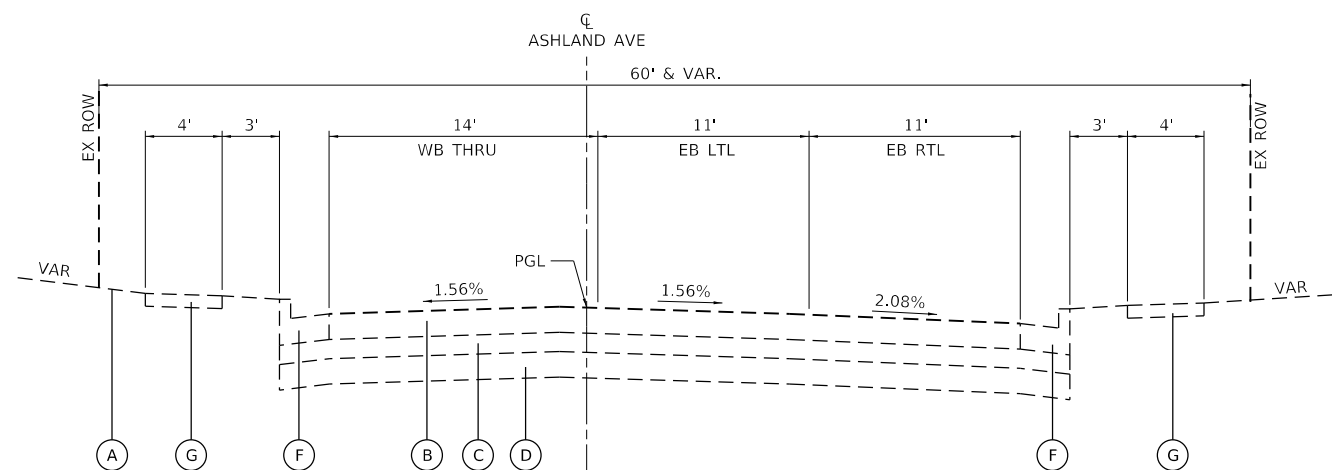
**EX. TYPICAL SECTION - OLD COLLINSVILLE RD**

STA. 185+15.78 TO STA. 185+64.30



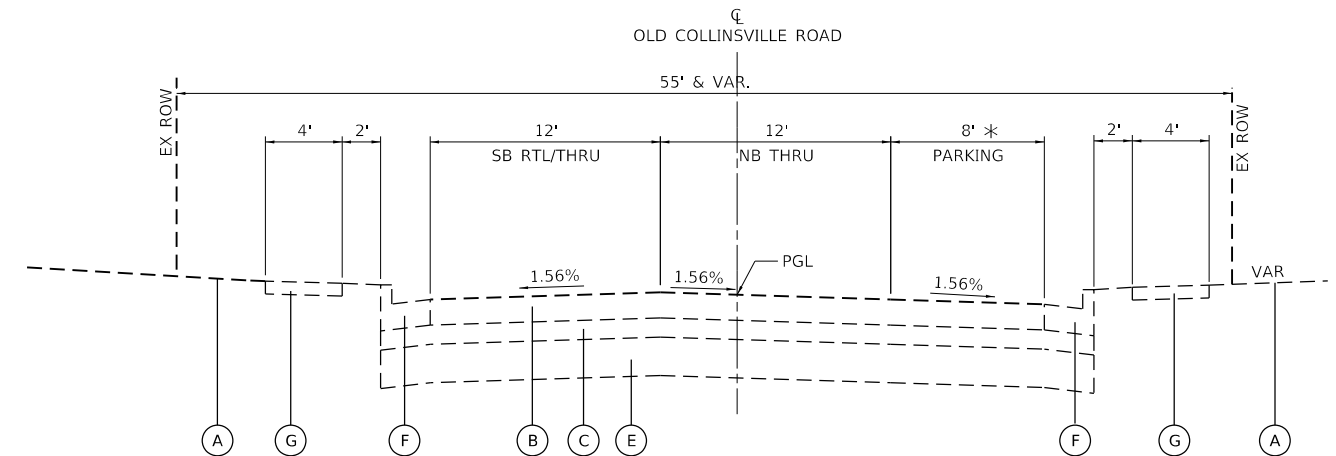
**EX. TYPICAL SECTION - OLD COLLINSVILLE RD**

STA. 185+64.30 TO STA. 188+23.15  
 \* STA. 186+02.31 TO STA. 188+23.15 (7.6' TO 0.0')  
 \*\* STA. 186+02.31 TO STA. 187+95.84 (12.7' TO 19.8')  
 \*\* STA. 187+95.84 TO STA. 188+23.15 (0.0' TO 1.7' ADD PARKING LANE)



**EX. TYPICAL SECTION - ASHLAND AVE**

STA. 60+73.70 TO STA. 63+33.25



**EX. TYPICAL SECTION - OLD COLLINSVILLE RD**

STA. 188+23.15 TO STA. 189+37.21  
 \* STA. 188+23.15 TO STA. 188+95.76 (1.7' TO 8.0')

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**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

**EXISTING TYPICAL SECTIONS**

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

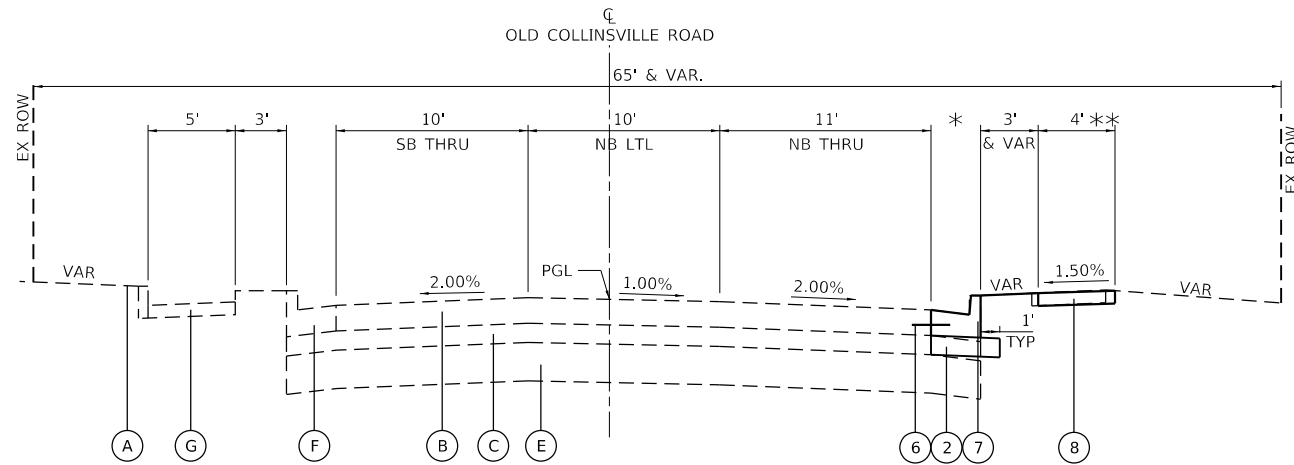
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	10
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				

NOTE:

1. TRANSVERSE CONSTRUCTION JOINTS SHALL HAVE A NOMINAL SPACING OF 13'-4". SEE SPECIAL PROVISIONS.
2. WIDENING VARIES FROM A 1 FOOT STUB TO APPROXIMATELY 12 FEET, CONTRACTOR SHALL ENSURE FULL COMPACTION FOR EACH LIFT BEFORE PLACING PAVEMENT. COST INCLUDED IN COST OF APPLICABLE PAVEMENT ITEM.

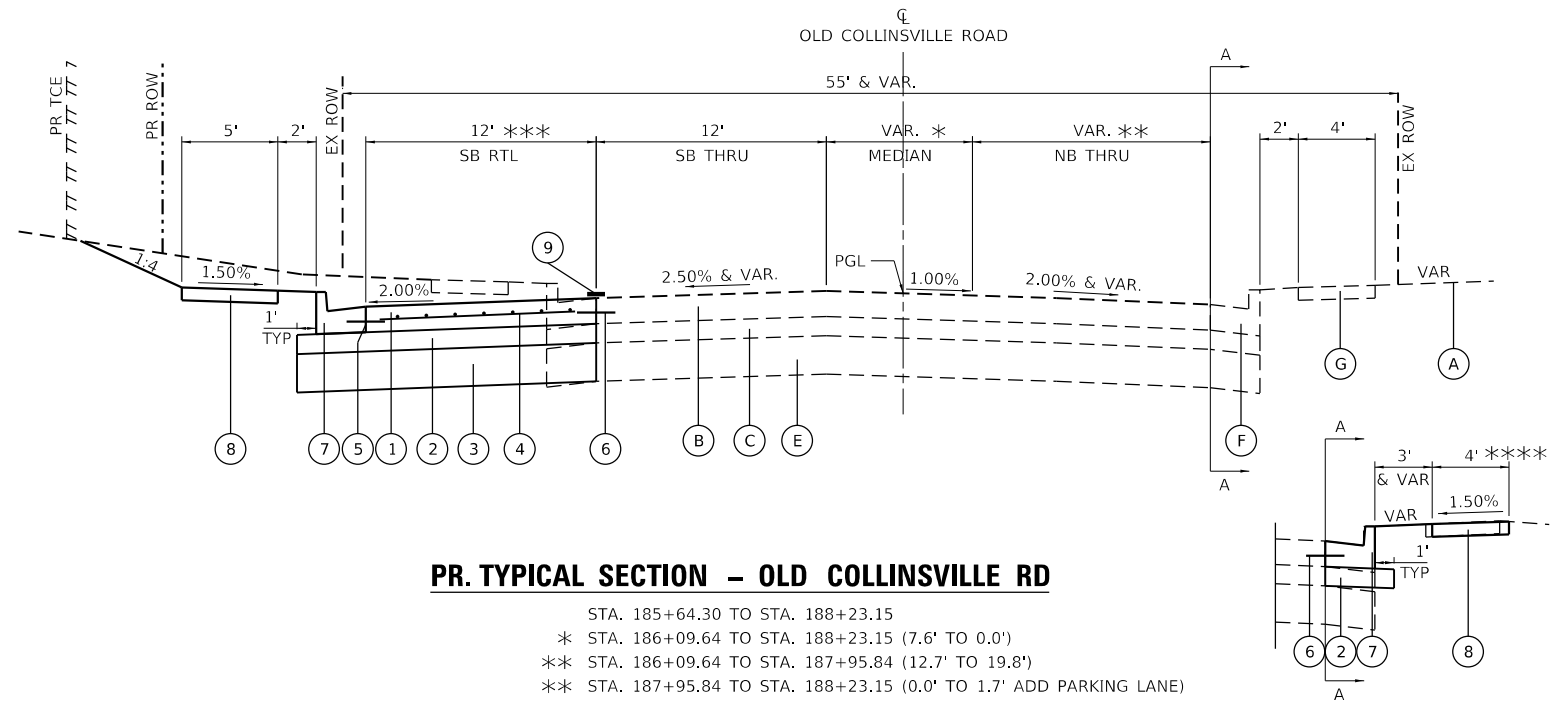
LEGEND

- |     |   |     |  |
|-----|---|-----|--|
| (A) | EX. GROUND                                | (1) | PR. PORTLAND CEMENT CONCRETE PAVEMENT, 8" (JOINTED)            |
| (B) | EX. PCC PAVEMENT, 8"                      | (2) | PR. SUBBASE GRANULAR MATERIAL, TYPE A, 6"                      |
| (C) | EX. SUBBASE GRANULAR MATERIAL, TYPE A, 6" | (3) | PR. SUBBASE GRANULAR MATERIAL, TYPE A, 12"                     |
| (D) | EX. LIME MODIFIED SOIL, 8"                | (4) | PR. WELDED WIRE REINFORCEMENT                                  |
| (E) | EX. LIME MODIFIED SOIL, 12"               | (5) | PR. SAWED LONG. JOINT OR LONG. CONSTRUCTION JOINT (STD 420001) |
| (F) | EX. COMB. CONC. C&G TY B-6.24             | (6) | PR. DRILL AND GROUT #6 TIE BARS                                |
| (G) | EX. PCC SIDEWALK, 4"                      | (7) | PR. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24            |
|     |   | (8) | PR. PORTLAND CEMENT CONCRETE SIDEWALK, 4"                      |
|     |   | (9) | PR. PAVEMENT MARKING   |



**PR. TYPICAL SECTION - OLD COLLINSVILLE RD**

STA. 185+20.77 TO STA. 185+64.30  
 \* STA. 185+20.77 TO STA. 185+35.77  
 \*\* STA. 185+15.78 TO STA. 185+40.78 - SEE INT DETAILS

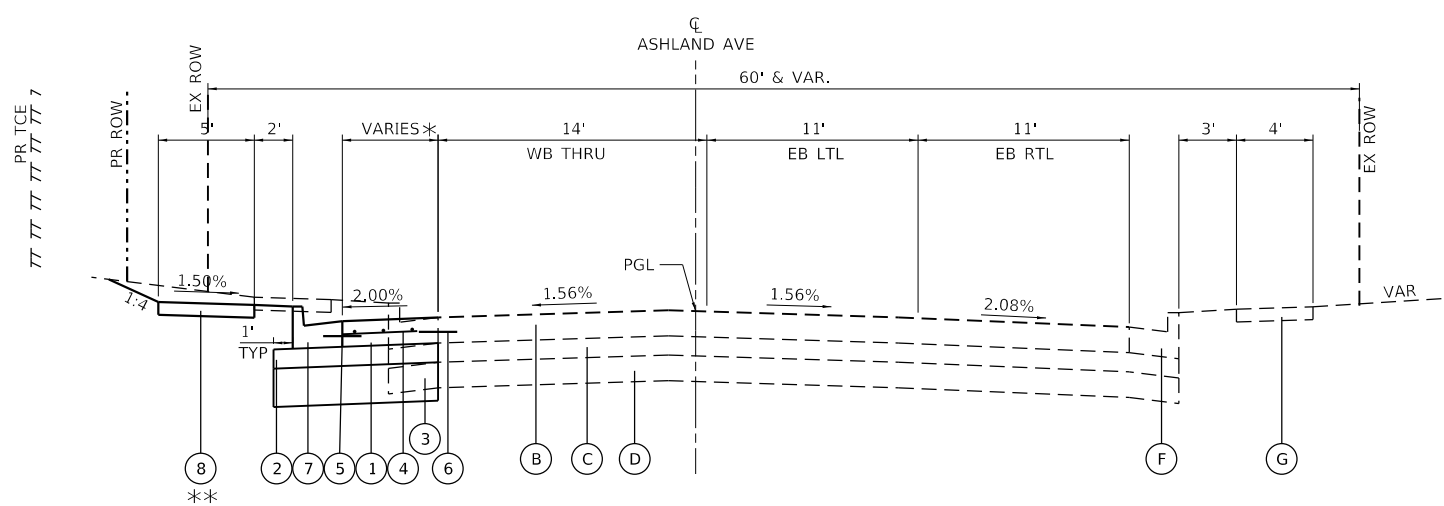


**PR. TYPICAL SECTION - OLD COLLINSVILLE RD**

STA. 185+64.30 TO STA. 188+23.15  
 \* STA. 186+09.64 TO STA. 188+23.15 (7.6' TO 0.0')  
 \*\* STA. 186+09.64 TO STA. 187+95.84 (12.7' TO 19.8')  
 \*\* STA. 187+95.84 TO STA. 188+23.15 (0.0' TO 1.7' ADD PARKING LANE)  
 \*\*\* STA. 185+64.30 TO STA. 186+31.83 - SEE INT DETAILS  
 \*\*\* STA. 187+82.29 TO STA. 188+23.15 (12.0' TO 8.8')

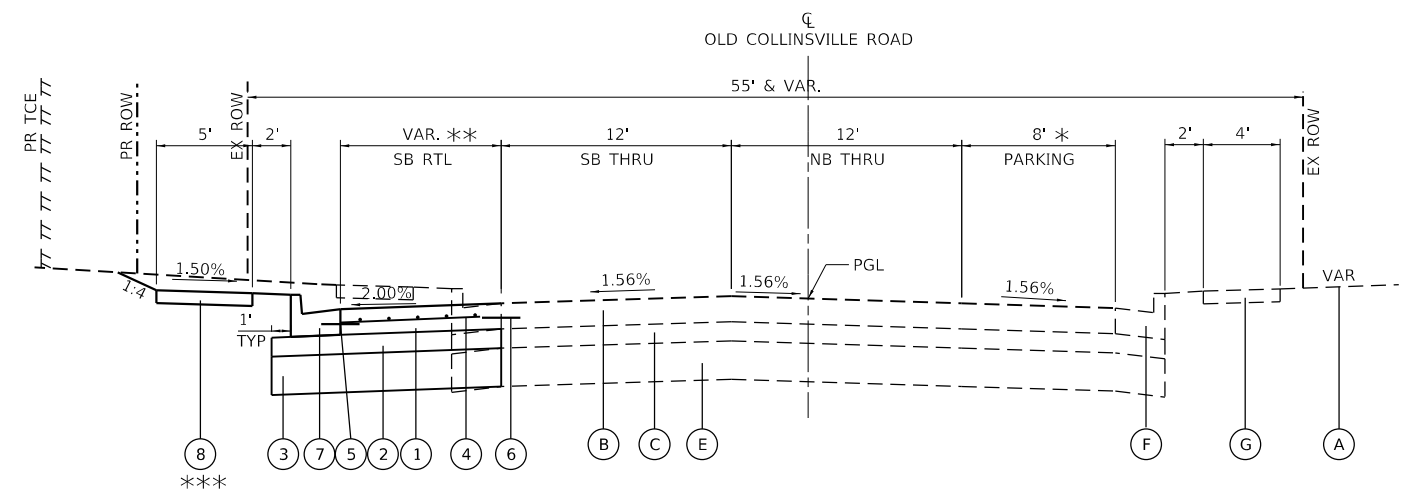
**AA**

STA. 185+83.69 TO STA. 186+03.69  
 \*\*\* STA. 185+78.69 TO STA. 186+09.69



**PR. TYPICAL SECTION - ASHLAND AVE**

STA. 62+09.45 TO STA. 63+33.25  
 \* STA. 62+09.45 TO STA. 63+17.09 (RADIUS WIDENING - SEE INT. DETAIL)  
 \*\* SIDEWALK BEGINS AT STA. 62+04.45



**PR. TYPICAL SECTION - OLD COLLINSVILLE RD**

STA. 188+23.15 TO STA. 189+37.21  
 \* STA. 188+23.15 TO STA. 188+95.76 (1.7' TO 8.0')  
 \*\* STA. 188+23.15 TO STA. 189+37.21 (8.8' TO 0.0')  
 \*\*\* SIDEWALK ENDS AT STA. 189+42.91

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**TWM, INC.**  
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 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = jstein  
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 DRAWN - JRT  
 CHECKED - JWS  
 DATE - DECEMBER 2023

REVISED -  
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**ST. CLAIR COUNTY  
 DEPARTMENT OF ROADS & BRIDGES**

**PROPOSED TYPICAL SECTIONS**

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

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	11
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE						
			FOR INFORMATION ONLY			
			EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)
STATION	TO	STATION	CU YD	CU YD	CU YD	CU YD
<b>OLD COLLINSVILLE RD</b>						
185+20.77	TO	189+37.21	421	316	1	315
<b>ASHLAND AVE</b>						
62+04.45	TO	62+75.00	29	22	0	22
<b>SUB-TOTAL:</b>			<b>450</b>	<b>338</b>	<b>1</b>	<b>337</b>
<b>PAY TOTAL:</b>			<b>450</b>			

SEEDING SCHEDULE								
LOCATION			SEEDING, CLASS 2A *	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2 *	TEMP. EROSION CONTROL SEEDING
STATION	TO	STATION	ACRE	POUND	POUND	POUND	ACRE	POUND
<b>OLD COLLINSVILLE RD</b>								
185+15.78	TO	189+37.21	0.055	5.0	5.0	5.0	0.055	11.0
<b>ASHLAND AVE</b>								
62+04.45	TO	62+75.00	0.006	0.5	0.5	0.5	0.006	1.2
<b>TOTAL:</b>			<b>0.061</b>	<b>5.49</b>	<b>5.49</b>	<b>5.49</b>	<b>0.061</b>	<b>12.20</b>
<b>PAY TOTAL:</b>				<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>

\* FOR INFORMATIONAL PURPOSES ONLY. SEE NUTRIENT SPECIAL PROVISION.

REMOVAL SCHEDULE										
LOCATION				PAVEMENT REMOVAL	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	STORM SEWER REMOVAL 12"	REMOVING INLETS	REMOVING INLETS TO MAINTAIN FLOW
STATION	TO	STATION	NOTES	SQ YD	SQ YD	FOOT	SQ FT	FOOT	EACH	EACH
<b>OLD COLLINSVILLE RD</b>										
62+04.45	TO	187+11.71	LT				860.5			
62+09.45	TO	189+37.37	LT			447.7				
62+78.97	TO	186+05.50	LT	33.1						
185+15.78	TO	185+40.80	RT				111.0			
185+20.77	TO	185+35.77	RT			15.0				
185+78.69	TO	186+09.69	RT				123.4			
185+83.69	TO	186+03.69	RT			20.0				
185+91.30	TO	185+81.01	LT					10	1	
186+04.31	TO	186+09.69	RT		1.8					
187+06.40	TO	187+28.80	LT		11.6					
187+23.47	TO	189+09.04	LT				710.5			
189+03.98	TO	189+24.92	LT		9.7					
189+20.19	TO	189+42.91	LT				76.7			
<b>ASHLAND AVE</b>										
62+22.03			LT							1
62+90.06			LT							1
<b>TOTAL:</b>				<b>33</b>	<b>23</b>	<b>483</b>	<b>1882</b>	<b>10</b>	<b>1</b>	<b>2</b>

ENTRANCE SCHEDULE					
LOCATION			AGGREGATE SURFACE COURSE, TYPE B	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PROTECTIVE COAT *
STATION	LT/RT	TYPE	TON	SQ YD	SQ YD
<b>OLD COLLINSVILLE RD</b>					
186+27.31	RT	CE		1.8	1.8
189+00.81	LT	PE	3.7	13.6	13.6
<b>TOTAL:</b>			<b>4</b>	<b>15</b>	<b>15</b>

\*SEE PAVEMENT SCHEDULE, CURB AND GUTTER SCHEDULE AND PATCHING SCHEDULE FOR ADDITIONAL QUANTITY

CURB AND GUTTER SCHEDULE					
LOCATION			COMBINATION CONCRETE CURB & GUTTER	SUBBASE GRANULAR MATERIAL, TYPE A **	PROTECTIVE COAT *
			TYPE B-6.24		
STATION	TO	STATION	FOOT	TON	SQ YD
<b>OLD COLLINSVILLE RD</b>					
185+20.77	TO	185+35.77	RT	15.0	5.1
185+83.69	TO	186+03.69	RT	20.0	6.9
185+90.93	TO	186+31.84	LT	54.4	18.6
186+31.84	TO	187+82.38	LT	150.5	51.5
187+82.38	TO	189+37.21	LT	155.5	53.2
<b>ASHLAND AVE</b>					
62+09.45	TO	62+72.87	LT	63.9	21.9
<b>TOTAL:</b>			<b>459</b>	<b>184</b>	<b>157</b>

\*SEE ENTRANCE SCHEDULE, PAVEMENT SCHEDULE AND PATCHING SCHEDULE FOR ADDITIONAL QUANTITY

\*\*SEE PAVEMENT SCHEDULE FOR ADDITIONAL QUANTITY

PAVEMENT PATCHING SCHEDULE											
LOCATION				CLASS B PATCHES, TY II, 8 INCH (SPECIAL)	CLASS B PATCHES, TY IV, 8 INCH (SPECIAL)	DOWEL BARS 1 1/4"	SAW CUTS	TIE BARS 1 1/4"	WELDED WIRE REINFORCEMENT *	PROTECTIVE COAT **	
STATION	TO	STATION	NOTES	SQ YD	SQ YD	EACH	FOOT	EACH	SQ YD	SQ YD	
<b>OLD COLLINSVILLE RD</b>											
185+96.52	TO	186+19.52	LT		30.7	10	82.0	10	30.7	30.7	
186+50.51	TO	186+56.61	LT	8.0		10	48.0	10		8.0	
187+01.39	TO	187+07.39	LT	8.0		10	48.0	10		8.0	
187+40.62	TO	187+46.62	LT	8.0		10	48.0	10		8.0	
187+82.62	TO	187+88.62	LT	8.0		10	48.0	10		8.0	
188+45.11	TO	188+51.11	LT	8.0		10	48.0	10		8.0	
30% CONTINGENCY				12.0	9.2	-	96.6	-	9.2	21.2	
<b>TOTAL:</b>				<b>52</b>	<b>40</b>	<b>60</b>	<b>419</b>	<b>60</b>	<b>40</b>	<b>92</b>	

\*SEE PAVEMENT SCHEDULE, FOR ADDITIONAL QUANTITY

\*\*SEE PAVEMENT SCHEDULE, CURB AND GUTTER SCHEDULE AND ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

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**ST. CLAIR COUNTY  
 DEPARTMENT OF ROADS & BRIDGES**

**SCHEDULE OF QUANTITIES**  
 SCALE: NTS SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	12
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				

PAVEMENT SCHEDULE								
LOCATION				SUBBASE GRANULAR MATERIAL, TYPE A *	WELDED WIRE REINFORCEMENT **	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	PROTECTIVE COAT ***	DRILL AND GROUT #6 TIE BARS
STATION	TO	STATION	NOTES	TON	SQ YD	SQ YD	SQ YD	EACH
<b>OLD COLLINSVILLE RD</b>								
185+77.82	TO	189+37.21	3' SPACING					120
185+89.02	TO	186+31.83	RADIUS	159.6	152.1	152.1	152.1	
186+31.83	TO	187+82.29	TURN LANE	216.6	206.3	206.3	206.3	
187+82.29	TO	189+24.88	TAPER	110.5	105.3	105.3	105.3	
<b>ASHLAND AVE</b>								
62+09.45	TO	92+72.87	RADIUS	24.2	23.0	23.0	23.0	
62+09.45	TO	63+17.09	3' SPACING					36
<b>TOTAL:</b>				<b>511</b>	<b>487</b>	<b>487</b>	<b>487</b>	<b>156</b>

\*SEE CURB AND GUTTER SCHEDULE FOR ADDITIONAL QUANTITY

\*\*SEE PAVEMENT PATCHING SCHEDULE FOR ADDITIONAL QUANTITY

\*\*\*SEE PAVEMENT PATCHING SCHEDULE, CURB AND GUTTER SCHEDULE AND ENTRANCE SCHEDULE FOR ADDITIONAL QUANTITY

SIDEWALK SCHEDULE					
LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	DETECTABLE WARNING
STATION	LT/RT	SQ FT	SQ FT		
<b>OLD COLLINSVILLE RD</b>					
185+15.78	TO	185+40.80	RT	129.9	10.0
185+78.69	TO	186+09.69	RT	148.7	10.0
185+96.44	TO	186+17.45	LT	158.9	10.0
186+17.45	TO	188+97.09	LT	1385.6	
188+97.09	TO	189+09.85	LT	53.5	
189+20.33	TO	189+42.91	LT	102.0	
<b>ASHLAND AVE</b>					
62+04.54	TO	62+78.57	LT	370.3	
<b>TOTAL:</b>				<b>2349</b>	<b>30</b>

DRAINAGE STRUCTURE SCHEDULE								
STATION				INLETS, TYPE A	INLETS, TYPE B	MANHOLES, TYPE A, 4' DIAMETER	INLET TO BE ADJUSTED WITH NEW LID-SPECIAL	MANHOLES TO BE ADJUSTED
STR.	STATION	OFFSET	LT/RT	TYPE 24 FRAME AND GRATE	TYPE 24 FRAME AND GRATE	TYPE 1 FRAME, CLOSED LID	EACH	EACH
<b>OLD COLLINSVILLE RD</b>								
SAN MH	185+34.09	21.06	RT					1
	185+89.09	23.50	RT					1
P-2	185+97.84	45.62	LT		1			
P-3	186+22.73	30.38	LT	1				
P-4	186+72.72	29.28	LT	1				
	187+88.86	35.82	LT				1	
<b>ASHLAND AVE</b>								
E-3-12	62+21.92	14.72	LT		1			
P-1	62+89.98	16.41	LT			1		
<b>TOTAL:</b>				<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>

EROSION CONTROL SCHEDULE				
STATION			INLET AND PIPE PROTECTION	
			EACH	
<b>OLD COLLINSVILLE RD</b>				
185+32.39	33.75	LT	1	
185+79.90	18.15	RT	1	
185+97.84	45.62	LT	1	
186+22.73	30.38	LT	1	
186+72.72	29.28	LT	1	
<b>ASHLAND AVE</b>				
62+21.92	14.72	LT	1	
<b>TOTAL:</b>			<b>6</b>	

STORM SEWER SCHEDULE											
LOCATION										STORM SEWER	STORM SEWER
										CLASS A, TYPE 1	WATER MAIN REQUIREMENTS
PIPE	STR.	STATION	OFFSET	LT/RT	TO	STR.	STATION	OFFSET	LT/RT	12 INCH	12 INCH
<b>OLD COLLINSVILLE RD</b>											
P-1	P-1	62+89.98	16.41	LT	TO	P-2	185+97.84	45.62	LT		14.7
P-2	P-2	185+97.84	45.62	LT	TO	P-3	186+22.73	30.38	LT	26.6	
P-3	P-3	186+22.73	30.38	LT	TO	P-4	186+72.72	29.28	LT	48.5	
<b>TOTAL:</b>										<b>75</b>	<b>15</b>

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 DESIGNED - MLS  
 DRAWN - JRT  
 CHECKED - JWS  
 DATE - DECEMBER 2023  
 PLOT SCALE = 40,0000 ' / in.  
 PLOT DATE = 2/5/2026

REVISED -  
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 REVISED -  
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**ST. CLAIR COUNTY**  
**DEPARTMENT OF ROADS & BRIDGES**

**SCHEDULE OF QUANTITIES**  
 SCALE: NTS SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	13
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				

SIGNAGE SCHEDULE										
LOCATION			DESCRIPTION				RELOCATE SIGN PANEL ASSEMBLY - TYPE A **	SIGN PANEL - TYPE 1 *	TELESCOPING STEEL SIGN SUPPORT	
STATION		SIGN	SHAPE	SIZE		EACH	SQ FT	FOOT		
OLD COLLINSVILLE RD										
187+82.35	31.60	LT	R3-I100A RT Turn Lane	Rectangle	24	X	24	4.00	14.7	
188+43.43	26.72	LT	NO PARKING				1		15.2	
FROM TRAFFIC SIGNALS										
								3.00		
TOTAL:						1		7.00	30	

\*SEE TRAFFIC SIGNAL SHEETS FOR LOCATIONS

\*\*LOCATION IS THE PROPOSED PLACEMENT LOCATION

PAVEMENT MARKING SCHEDULE													
LOCATION						PAVEMENT MARKING REMOVAL - WATER BLASTING *	PAINT PAVEMENT MARKINGS						
STATION		TO	STATION	DESCRIPTION	TYPE	SQ FT	LINE 4"		LINE 6"	LINE 12"		LETTERS AND SYMBOLS	
							YELLOW	WHITE	WHITE	YELLOW	WHITE	SQ FT	
							FOOT	FOOT	FOOT	FOOT	FOOT		
OLD COLLINSVILLE RD													
185+18.56				STOP BAR	SINGLE						22.3		
185+19.58				NB STOP BAR	SINGLE	22.2							
185+23.69	TO	185+23.77		CROSSWALK	SINGLE				40.0				
185+31.69	TO	185+31.77		CROSSWALK	SINGLE				40.1				
185+31.82	TO	185+99.13		CROSSWALK	SINGLE				68.0				
185+31.69	TO	185+97.77		CROSSWALK	SINGLE				66.8				
185+97.77	TO	185+92.69		CROSSWALK	SINGLE				51.9				
186+05.74	TO	185+99.70		CROSSWALK	SINGLE				53.6				
186+02.30	TO	188+23.15		NB LT FLUSH MEDIAN	DOUBLE	147.3							
186+02.34	TO	188+17.91		SB LT FLUSH MEDIAN	DOUBLE	143.7							
186+04.44	TO	188+23.15		NB LT FLUSH MEDIAN	DOUBLE		441.2						
				DIAGONALS	SINGLE				56.7				
				SB LT FLUSH MEDIAN	DOUBLE		439.1						
188+23.15	TO	189+37.21		CENTERLINE	DOUBLE	9.5	228.1						
186+09.82				STOP BAR	SINGLE						29.7		
186+09.82	TO	187+82.21		TURN LANE	SINGLE			172.5					
187+95.76	TO	189+37.21		NB PARKING LANE	SINGLE	47.3		141.8					
186+34.78				RIGHT ARROW	LARGE							15.6	
187+57.22				RIGHT ARROW	LARGE							15.6	
ASHLAND AVE													
62+09.45	TO	62+86.76		CENTERLINE	DOUBLE	51.5	154.6						
62+86.76				STOP BAR	SINGLE	10.7					10.7		
62+21.42				LEFT ARROW	LARGE	15.6						15.6	
62+21.42				RIGHT ARROW	LARGE	15.6						15.6	
62+09.45	TO	62+90.21		EB LANE LINE	SINGLE			80.8					
62+90.21				STOP BAR	SINGLE						13.6		
62+09.45	TO	62+94.40		EB LANE LINE	SINGLE	28.3							
62+94.40				STOP BAR	SINGLE	15.8							
TOTAL:						508	1263		395	320	57	76	62
							1658		133				

\*SEE SHORT TERM AND TEMPORARY PAVEMENT MARKING SCHEDULE FOR ADDITIONAL QUANTITY

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 DESIGNED - MLS  
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 CHECKED - JWS  
 DATE - DECEMBER 2023  
 PLOT SCALE = 40,0000 ' / in.  
 PLOT DATE = 2/5/2026

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



**ST. CLAIR COUNTY**  
**DEPARTMENT OF ROADS & BRIDGES**

**SCHEDULE OF QUANTITIES**  
 SCALE: NTS SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	14
CONTRACT NO. 97827				
		ILLINOIS	FED. AID PROJECT	

**SHORT TERM AND TEMPORARY PAVEMENT MARKING SCHEDULE**

LOCATION					PAVEMENT MARKING REMOVAL - WATER BLASTING *	TEMPORARY PAVEMENT MARKINGS, PAINT						SHORT TERM PAVEMENT MARKING REMOVAL	SHORT TERM PAVEMENT MARKING				
						LINE 4"		LINE 6"	LINE 12"		LETTERS AND SYMBOLS		LINE 4"				
STATION	TO	STATION	DESCRIPTION	TYPE		SQ FT	YELLOW FOOT	WHITE FOOT	WHITE FOOT	YELLOW FOOT			WHITE FOOT	SQ FT	SQ FT	YELLOW FOOT	WHITE FOOT
<b>OLD COLLINSVILLE RD</b>																	
185+18.56					STOP BAR	SINGLE	22.3					22.3					
185+23.69	TO	185+23.77	CROSSWALK	SINGLE	20.0			40.0									
185+31.69	TO	185+31.77	CROSSWALK	SINGLE	20.1			40.1									
185+31.82	TO	185+99.13	CROSSWALK	SINGLE	34.0			68.0									
185+31.69	TO	185+97.77	CROSSWALK	SINGLE	33.4			66.8									
185+97.77	TO	185+92.69	CROSSWALK	SINGLE	26.0			51.9									
186+05.74	TO	185+99.70	CROSSWALK	SINGLE	26.8			53.6									
186+04.44	TO	188+23.15	NB LT FLUSH MEDIAN	DOUBLE	147.1	441.2						7.4	22.1				
			DIAGONALS	SINGLE	56.7			56.7									
			SB LT FLUSH MEDIAN	DOUBLE	146.4	439.1							7.3	22.0			
188+23.15	TO	189+37.21	CENTERLINE	DOUBLE	76.0	228.1					3.8	11.4					
186+09.82					STOP BAR	SINGLE	29.7				29.7						
186+09.82	TO	187+82.21	TURN LANE	SINGLE	57.5		172.5					5.8		17.3			
187+95.76	TO	189+37.21	NB PARKING LANE	SINGLE	47.3		141.8					4.7		14.2			
186+34.78					RIGHT ARROW	LARGE	15.6				15.6						
187+57.22					RIGHT ARROW	LARGE	15.6				15.6						
<b>ASHLAND AVE</b>																	
62+09.45	TO	62+86.76	CENTERLINE	DOUBLE	51.5	154.6						2.6	7.7				
62+86.76					STOP BAR	SINGLE	10.7				10.7						
62+21.42					LEFT ARROW	LARGE	15.6				15.6						
62+21.42					RIGHT ARROW	LARGE	15.6				15.6						
62+09.45	TO	62+90.21	EB LANE LINE	SINGLE	26.9		80.8					2.7		8.1			
62+90.21					STOP BAR	SINGLE	13.6				13.6						
					<b>TOTAL:</b>		<b>908</b>		<b>1263</b>	<b>395</b>	<b>320</b>	<b>57</b>	<b>76</b>	<b>62</b>	<b>34</b>	<b>63</b>	<b>40</b>
								<b>1658</b>				<b>133</b>				<b>103</b>	

\*SEE PAVEMENT MARKING SCHEDULE FOR ADDITIONAL QUANTITY

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PLOT DATE = 2/5/2026	CHECKED - JWS	REVISED -
	DATE - DECEMBER 2023	REVISED -



**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

**SCHEDULE OF QUANTITIES**

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

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	15
			CONTRACT NO. 97827	
		ILLINOIS	FED. AID PROJECT	

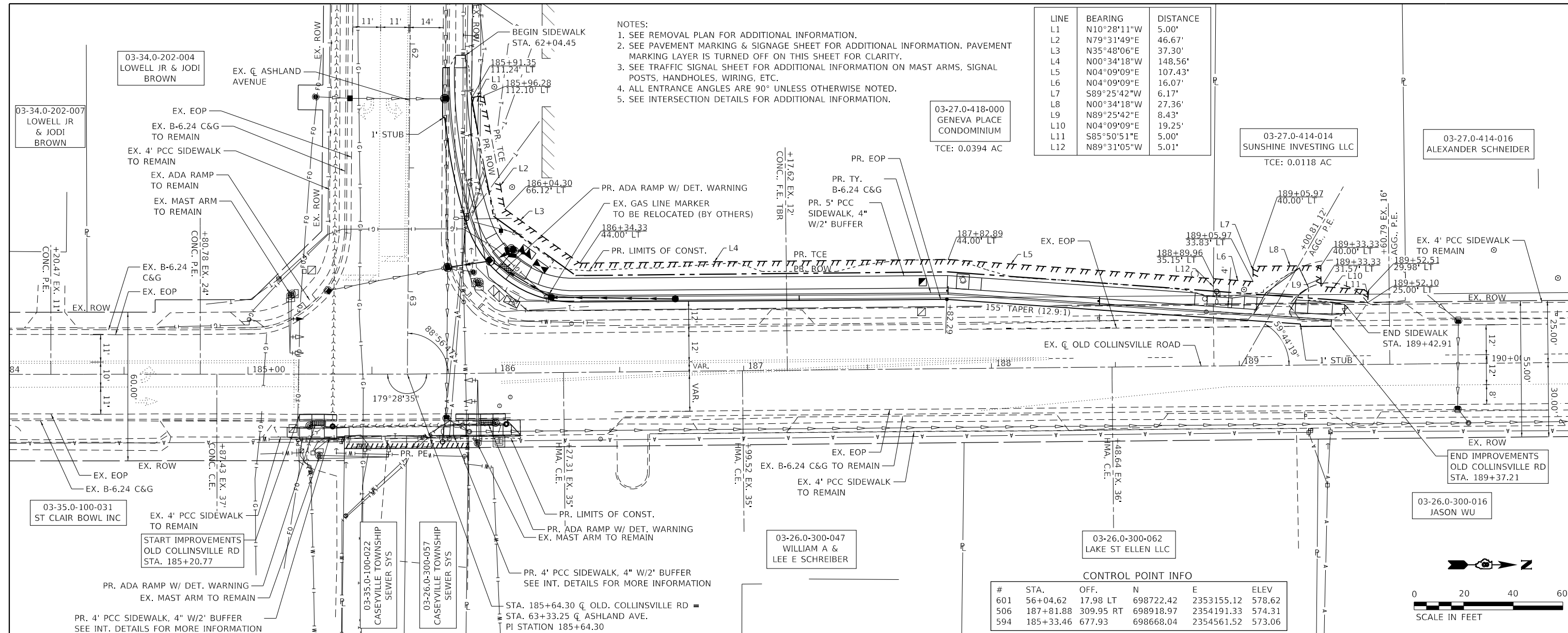


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BY	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
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NOTE BOOK	
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NO. _____	

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
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NOTE BOOK	
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CADD FILE NAME	
NO. _____	

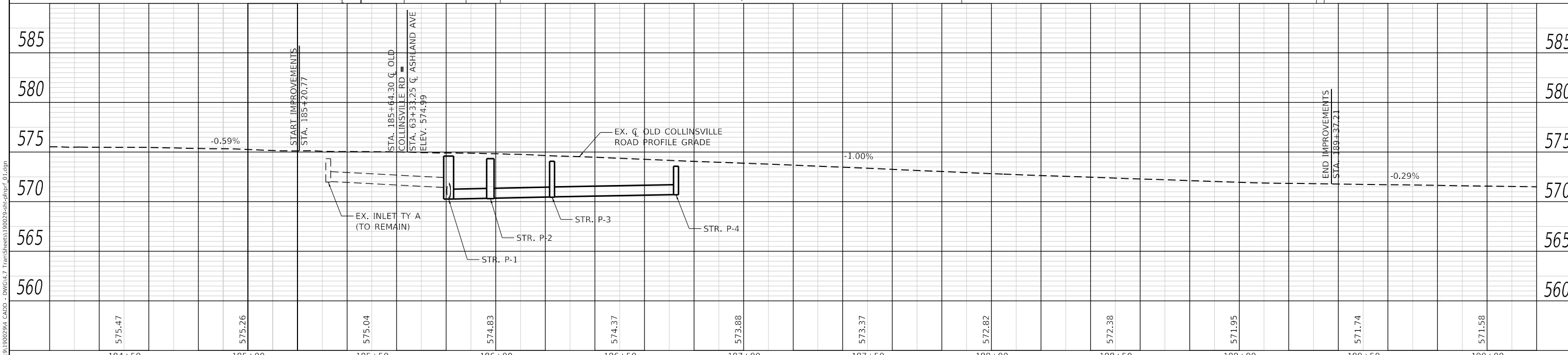
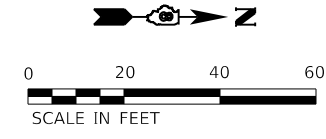
- NOTES:
1. SEE REMOVAL PLAN FOR ADDITIONAL INFORMATION.
  2. SEE PAVEMENT MARKING & SIGNAGE SHEET FOR ADDITIONAL INFORMATION. PAVEMENT MARKING LAYER IS TURNED OFF ON THIS SHEET FOR CLARITY.
  3. SEE TRAFFIC SIGNAL SHEET FOR ADDITIONAL INFORMATION ON MAST ARMS, SIGNAL POSTS, HANDHOLES, WIRING, ETC.
  4. ALL ENTRANCE ANGLES ARE 90° UNLESS OTHERWISE NOTED.
  5. SEE INTERSECTION DETAILS FOR ADDITIONAL INFORMATION.

LINE	BEARING	DISTANCE
L1	N10°28'11"W	5.00'
L2	N79°31'49"E	46.67'
L3	N35°48'06"E	37.30'
L4	N00°34'18"W	148.56'
L5	N04°09'09"E	107.43'
L6	N04°09'09"E	16.07'
L7	S89°25'42"W	6.17'
L8	N00°34'18"W	27.36'
L9	N89°25'42"E	8.43'
L10	N04°09'09"E	19.25'
L11	S85°50'51"E	5.00'
L12	N89°31'05"W	5.01'



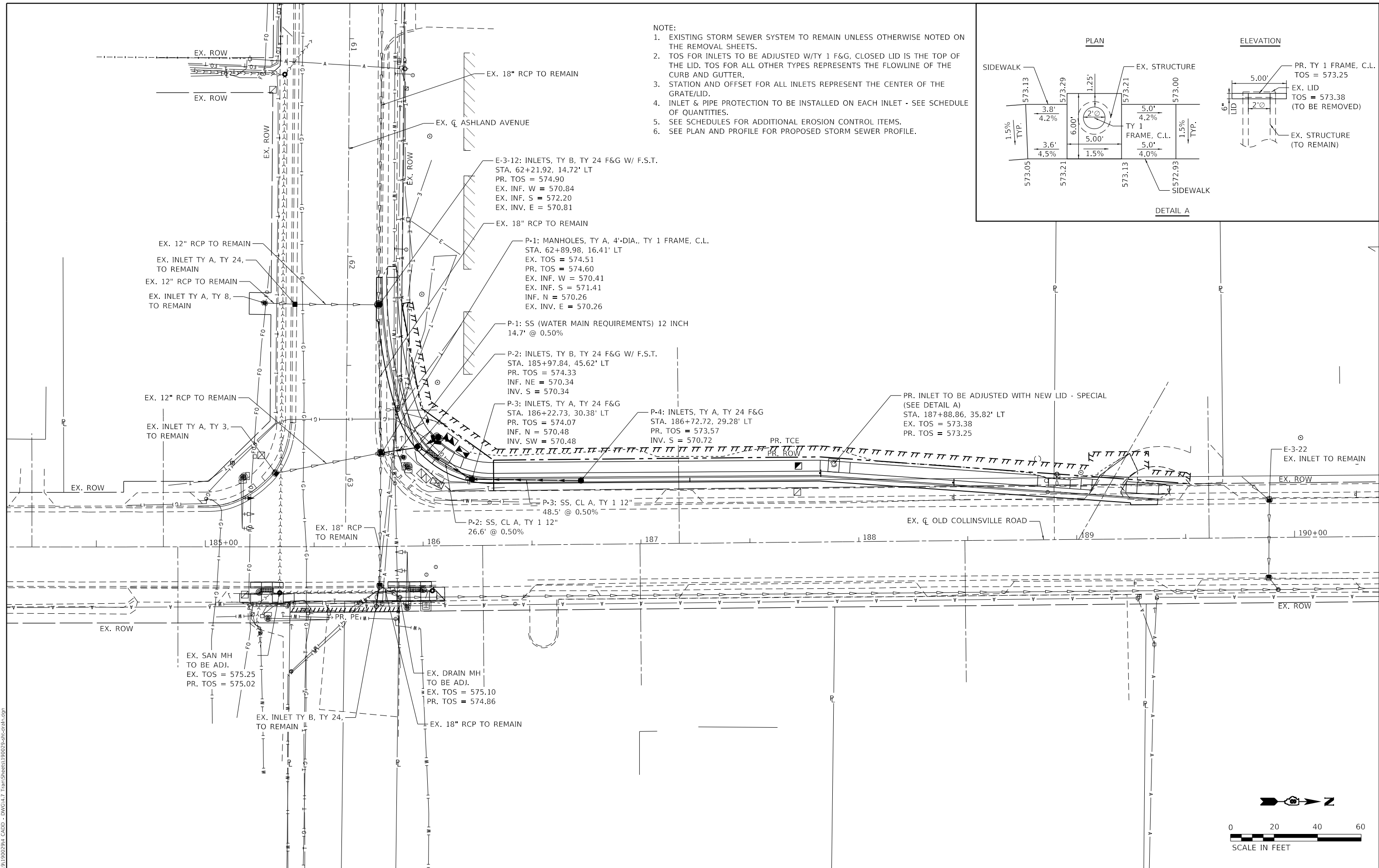
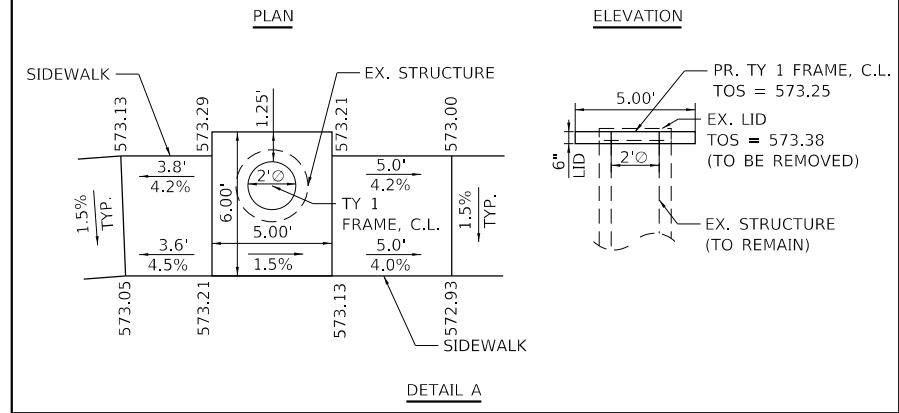
CONTROL POINT INFO

#	STA.	OFF.	N	E	ELEV.
601	56+04.62	17.98 LT	698722.42	2353155.12	578.62
506	187+81.88	309.95 RT	698918.97	2354191.33	574.31
594	185+33.46	677.93	698668.04	2354561.52	573.06



	USER NAME = jstein DESIGNED - MLS DRAWN - JRT CHECKED - JWS DATE - DECEMBER 2023	REVISED - REVISED - REVISED - REVISED -		<b>ST. CLAIR COUNTY DEPARTMENT OF ROADS &amp; BRIDGES</b>	<b>PLAN AND PROFILE</b>			F.A.U. ROUTE 9168	SECTION 19-00276-07-PW	COUNTY ST. CLAIR	TOTAL SHEETS 37	SHEET NO. 17
	PLOT SCALE = 40,0000' / in. PLOT DATE = 2/5/2026	SCALE: 1"=20' SHEET 1 OF 1 SHEETS			STA. TO STA.	CONTRACT NO. 97827 ILLINOIS FED. AID PROJECT						

- NOTE:
- EXISTING STORM SEWER SYSTEM TO REMAIN UNLESS OTHERWISE NOTED ON THE REMOVAL SHEETS.
  - TOS FOR INLETS TO BE ADJUSTED W/TY 1 F&G, CLOSED LID IS THE TOP OF THE LID. TOS FOR ALL OTHER TYPES REPRESENTS THE FLOWLINE OF THE CURB AND GUTTER.
  - STATION AND OFFSET FOR ALL INLETS REPRESENT THE CENTER OF THE GRATE/LID.
  - INLET & PIPE PROTECTION TO BE INSTALLED ON EACH INLET - SEE SCHEDULE OF QUANTITIES.
  - SEE SCHEDULES FOR ADDITIONAL EROSION CONTROL ITEMS.
  - SEE PLAN AND PROFILE FOR PROPOSED STORM SEWER PROFILE.



E-3-12: INLETS, TY B, TY 24 F&G W/ F.S.T.  
 STA. 62+21.92, 14.72' LT  
 PR. TOS = 574.90  
 EX. INF. W = 570.84  
 EX. INF. S = 572.20  
 EX. INV. E = 570.81

P-1: MANHOLES, TY A, 4'-DIA., TY 1 FRAME, C.L.  
 STA. 62+89.98, 16.41' LT  
 EX. TOS = 574.51  
 PR. TOS = 574.60  
 EX. INF. W = 570.41  
 EX. INF. S = 571.41  
 INF. N = 570.26  
 EX. INV. E = 570.26

P-1: SS (WATER MAIN REQUIREMENTS) 12 INCH  
 14.7' @ 0.50%

P-2: INLETS, TY B, TY 24 F&G W/ F.S.T.  
 STA. 185+97.84, 45.62' LT  
 PR. TOS = 574.33  
 INF. NE = 570.34  
 INV. S = 570.34

P-3: INLETS, TY A, TY 24 F&G  
 STA. 186+22.73, 30.38' LT  
 PR. TOS = 574.07  
 INF. N = 570.48  
 INV. SW = 570.48

P-4: INLETS, TY A, TY 24 F&G  
 STA. 186+72.72, 29.28' LT  
 PR. TOS = 573.57  
 INV. S = 570.72

PR. TCE  
 PR. ROW

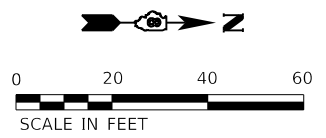
PR. INLET TO BE ADJUSTED WITH NEW LID - SPECIAL  
 (SEE DETAIL A)  
 STA. 187+88.86, 35.82' LT  
 EX. TOS = 573.38  
 PR. TOS = 573.25

P-3: SS, CL A, TY 1 12"  
 48.5' @ 0.50%

P-2: SS, CL A, TY 1 12"  
 26.6' @ 0.50%

EX. SAN MH TO BE ADJ.  
 EX. TOS = 575.25  
 PR. TOS = 575.02

EX. DRAIN MH TO BE ADJ.  
 EX. TOS = 575.10  
 PR. TOS = 574.86



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**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = jstein  
 DESIGNED - MLS  
 DRAWN - JRT  
 CHECKED - JWS  
 DATE - DECEMBER 2023

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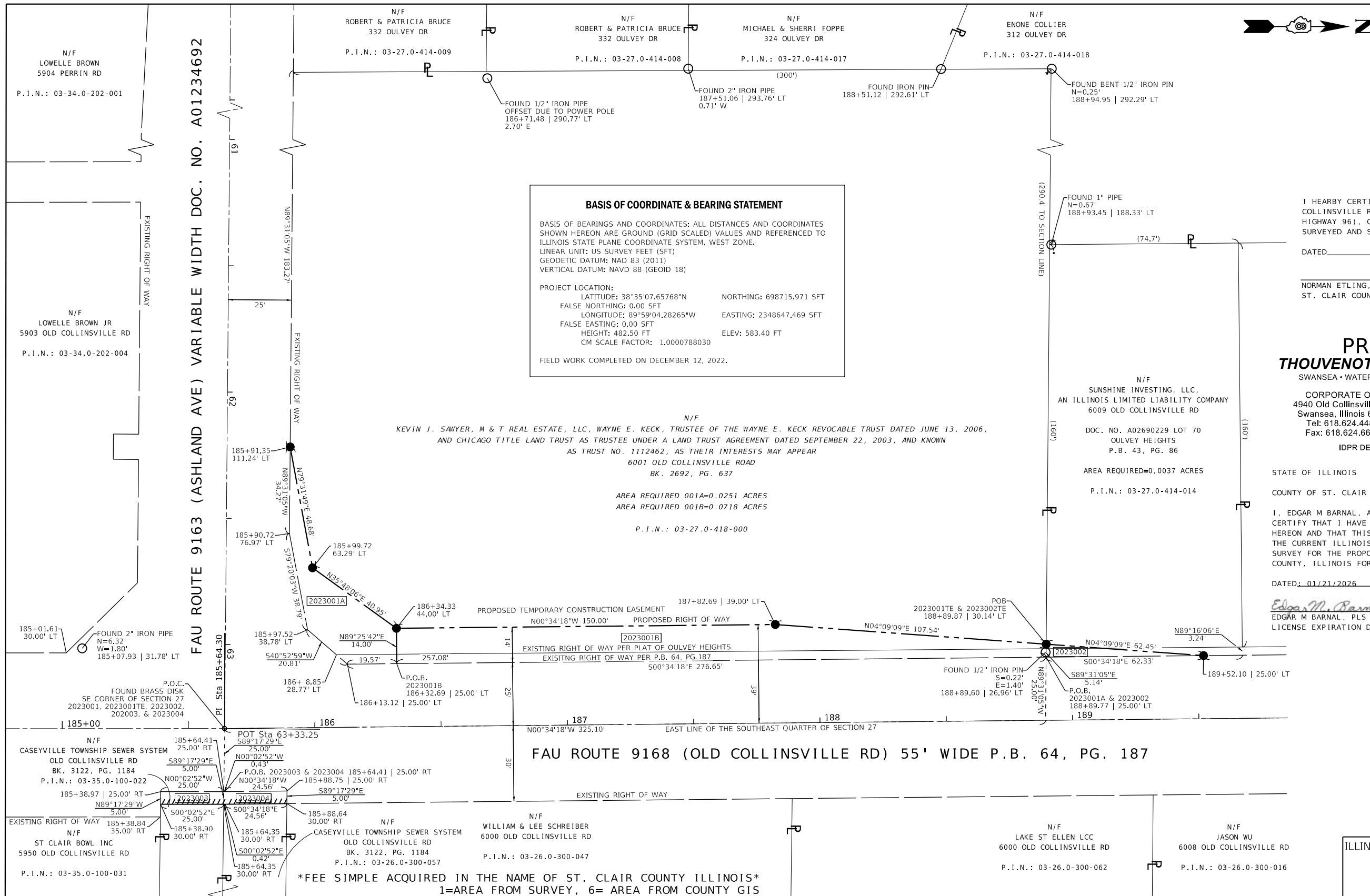


**ST. CLAIR COUNTY**  
**DEPARTMENT OF ROADS & BRIDGES**

**DRAINAGE AND EROSION CONTROL PLAN**  
 SCALE: 1"=20'  
 SHEET 1 OF 1 SHEETS  
 STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	18
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				

PART OF SECTION 26, 27, 34, & 35, T2N, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS



**BASIS OF COORDINATE & BEARING STATEMENT**

BASIS OF BEARINGS AND COORDINATES: ALL DISTANCES AND COORDINATES SHOWN HEREON ARE GROUND (GRID SCALED) VALUES AND REFERENCED TO ILLINOIS STATE PLANE COORDINATE SYSTEM, WEST ZONE.  
 LINEAR UNIT: US SURVEY FEET (SFT)  
 GEODETIC DATUM: NAD 83 (2011)  
 VERTICAL DATUM: NAVD 88 (GEOID 18)

PROJECT LOCATION:  
 LATITUDE: 38°35'07.65768"N      NORTHING: 698715.971 SFT  
 FALSE NORTHING: 0.00 SFT  
 LONGITUDE: 89°59'04.28265"W      EASTING: 2348647.469 SFT  
 FALSE EASTING: 0.00 SFT  
 HEIGHT: 482.50 FT      ELEV: 583.40 FT  
 CM SCALE FACTOR: 1.0000788030

FIELD WORK COMPLETED ON DECEMBER 12, 2022.

N/F  
 KEVIN J. SAWYER, M & T REAL ESTATE, LLC, WAYNE E. KECK, TRUSTEE OF THE WAYNE E. KECK REVOCABLE TRUST DATED JUNE 13, 2006,  
 AND CHICAGO TITLE LAND TRUST AS TRUSTEE UNDER A LAND TRUST AGREEMENT DATED SEPTEMBER 22, 2003, AND KNOWN  
 AS TRUST NO. 1112462, AS THEIR INTERESTS MAY APPEAR  
 6001 OLD COLLINSVILLE ROAD  
 BK. 2692, PG. 637

AREA REQUIRED 001A=0.0251 ACRES  
 AREA REQUIRED 001B=0.0718 ACRES

P.I.N.: 03-27.0-418-000

**FAU ROUTE 9168 (OLD COLLINSVILLE RD) 55' WIDE P.B. 64, PG. 187**

\*FEE SIMPLE ACQUIRED IN THE NAME OF ST. CLAIR COUNTY ILLINOIS\*  
 1=AREA FROM SURVEY, 6= AREA FROM COUNTY GIS

PARCEL NO.	OWNER	TOTAL HOLDING	FEE SIMPLE ACQUISITION		PERMANENT EASEMENT		REMAINDER	PERMANENT TAX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	SQ. FT.	ACRES	SQ. FT.			
2023001	KEVIN J. SAWYER, M & T REAL ESTATE, LLC, THE WAYNE E. KECK REVOCABLE TRUST DATED JUNE 13, 2006, AND CHICAGO TITLE LAND TRUST AS TRUSTEE UNDER A LAND TRUST AGREEMENT DATED SEPTEMBER 22, 2003, AND KNOWN AS TRUST NO. 1112462, AS THEIR INTERESTS MAY APPEAR TITLE #222621bmt	1.8462	0.0251	0.095	0.00	0.00	1.7493	03-27.0-418-000	
2023002	SUNSHINE INVESTING, LLC TITLE #2326221bmt	0.2852	0.0037	160	0.00	0.00	0.2815	03-27.0-414-014	
2023003	CASEYVILLE TOWNSHIP SEWER SYSTEM	2.89	0.00	0.00	0.0029	125	2.89	03-35.0-100-022	
2023004	CASEYVILLE TOWNSHIP SEWER SYSTEM	0.24	0.00	0.00	0.0029	125	0.24	03-26.0-300-057	

**TOTAL HOLDING AREA SOURCE TABLE**

1	AREA ACCORDING TO THE SURVEY PERFORMED BY THE CONSULTANT.
2	AREA LISTED IN RECORDED DEED.
3	AREA ACCORDING TO A RECORDED SUBDIVISION PLAT.
4	AREA ACCORDING TO A PLAT OF SURVEY.
5	AREA CALCULATED FROM RECORDED DEEDS OR TITLE COMMITMENTS - NOT SURVEYED.
6	AREA ACCORDING TO COUNTY TAX MAPS AND COUNTY ASSESSMENT RECORDS.
7	AREA ACCORDING TO OTHER RECORDS, SEE NOTE ON THE PLAT OF HIGHWAYS.

SPACE RESERVED FOR RECORDING OFFICER

I HEREBY CERTIFY THAT THIS IS A CORRECT PLAT OF OLD COLLINSVILLE ROAD, AND ASHLAND AVENUE, (COUNTY HIGHWAY 96), CONSTRUCTION SECTION 19-00276-07-PW AS SURVEYED AND STAKED FOR ST. CLAIR COUNTY, ILLINOIS

DATED: \_\_\_\_\_  
 NORMAN ETLING, PE, COUNTY ENGINEER  
 ST. CLAIR COUNTY

**PREPARED BY:**  
**THOUVENOT, WADE & MOERCHEN, INC.**  
 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES



CORPORATE OFFICE  
 4940 Old Collinsville Road  
 Swansea, Illinois 62226  
 Tel: 618.624.4488  
 Fax: 618.624.6688

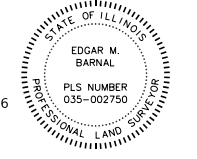
IDPR DESIGN FIRM LICENSE NO. 184-001220

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF ST. CLAIR )

I, EDGAR M BARNAL, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY, SHOWN HEREON AND THAT THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL TO BE ACQUIRED BY ST. CLAIR COUNTY, ILLINOIS FOR A TURN LANE.

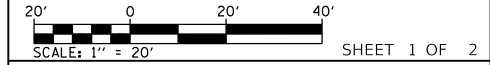
DATED: 01/21/2026

*Edgar M. Barnal*  
 EDGAR M BARNAL, PLS NO. 2750  
 LICENSE EXPIRATION DATE: 11/30/2026



**ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PLAT OF HIGHWAYS**

FAU ROUTE 9168  
 SECTION 19-00276-07-PW  
 ST. CLAIR COUNTY  
 JOB NO. R-98-002-20  
 STA. 185+91.35 TO STA. 189+52.10



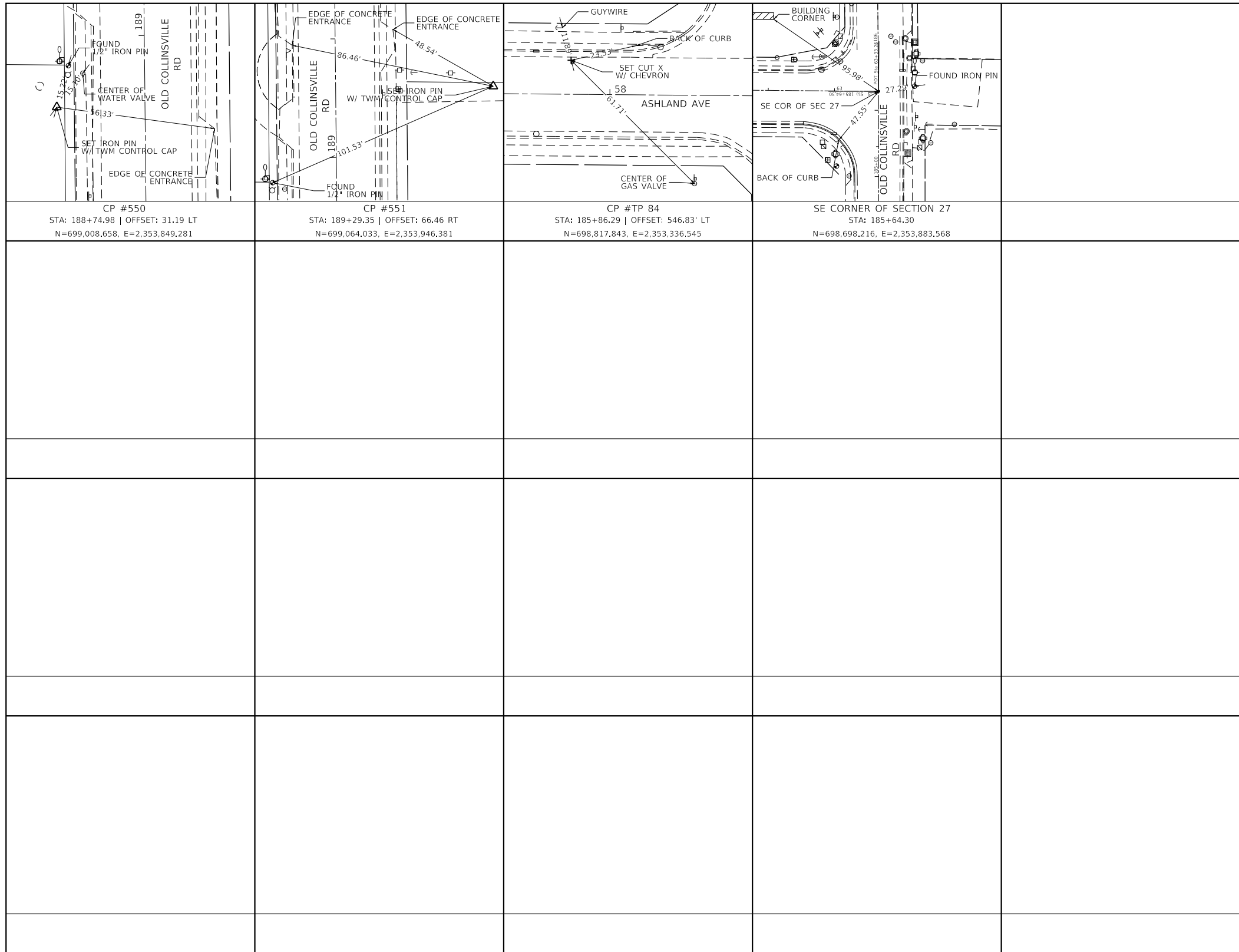
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	19

CONTRACT NO. 97827

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 12/28/2022	ROW STAKING: 01/20/2026

PART OF SECTION 26, 27, 34, & 35, T2N, R8W, OF THE 3RD PM, ST. CLAIR COUNTY, ILLINOIS



**PREPARED BY:**  
**THOUVENOT, WADE & MOERCHEN, INC.**  
 SWANSEA • WATERLOO • EDWARDSVILLE • ST. LOUIS • ST. CHARLES

CORPORATE OFFICE  
 4940 Old Collinsville Road  
 Swansea, Illinois 62226  
 Tel: 618.624.4488  
 Fax: 618.624.6688

IDPR DESIGN FIRM LICENSE NO. 184-001220

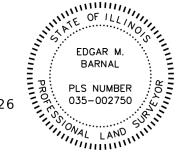


STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF ST. CLAIR )

I, EDGAR M BARNAL, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED THE PLAT OF HIGHWAY, SHOWN HEREON, FOR A BOUNDARY SURVEY FOR THE PROPOSED PARCEL TO BE ACQUIRED BY ST. CLAIR COUNTY, ILLINOIS FOR A TURN LANE.

DATED: 01/21/2026

*Edgar M. Barnal*  
 EDGAR M BARNAL, PLS NO. 2750  
 LICENSE EXPIRATION DATE: 11/30/2026



PROJECT SURVEY CONTROL DATA GROUND SURFACE COORDINATE SYSTEM			
COORDINATES ESTABLISHED BY THOUVENOT, WADE & MOERCHEN, INC. JOB NO. 190029			
POINT NO.	NORTH (FEET)	EAST (FEET)	DESCRIPTION
CP #550	699,008.658	2,353,849.281	IRON PIN W/TWM CONTROL CAP
CP #551	699,064.003	2,353,946.381	IRON PIN W/TWM CONTROL CAP
CP #TP84	698,817.843	2,353,336.545	CUT X W/CHEVERON

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS**  
 FAU ROUTE 9168  
 SECTION 19-00276-07-PW  
 ST. CLAIR COUNTY  
 JOB NO. R-98-002-20

20' 0 20' 40'  
 SCALE: 1" = 20'

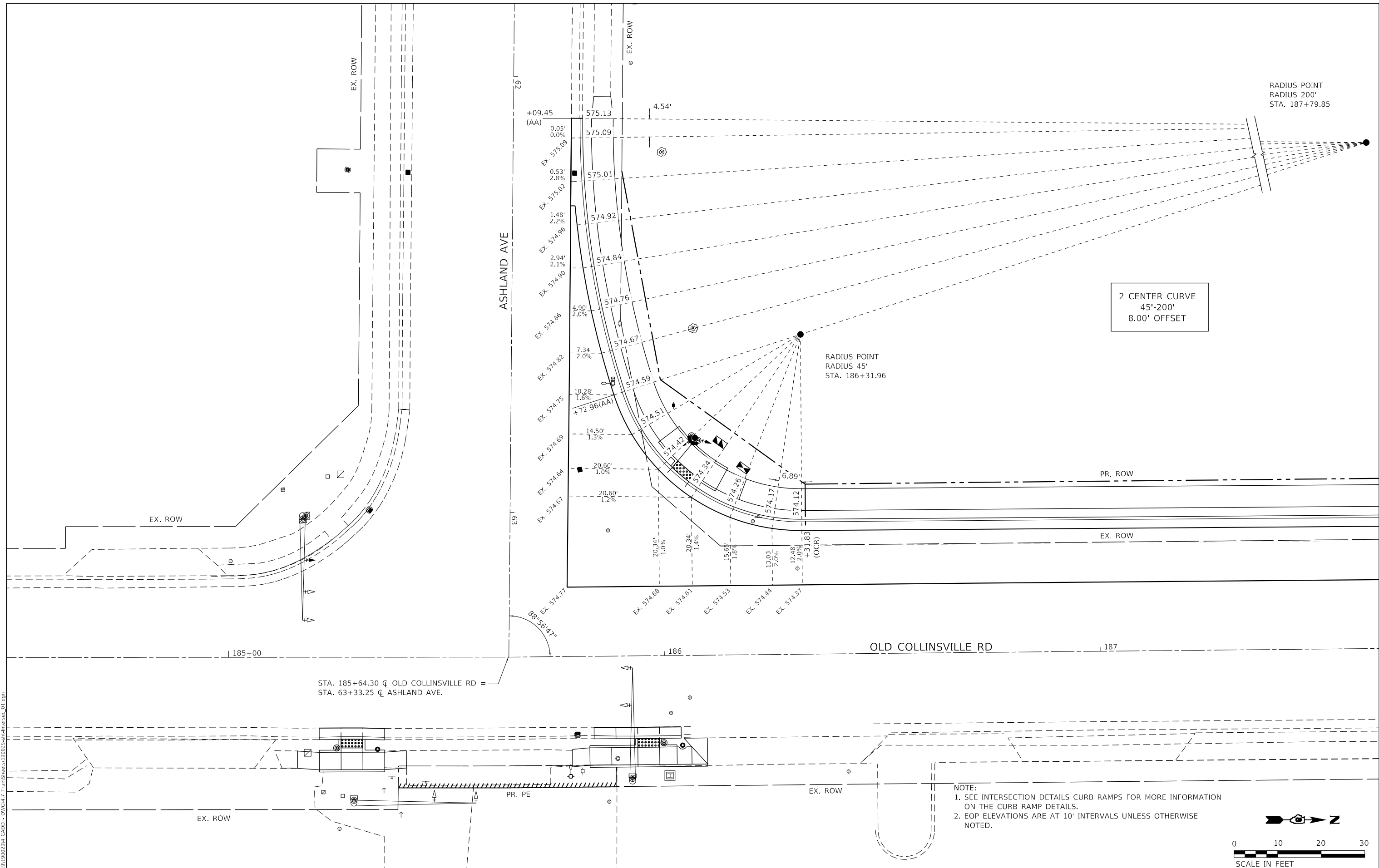
SHEET 2 OF 2

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 OFFICE OF HIGHWAYS PROJECT IMPLEMENTATION/REGION 5/DISTRICT 8  
 1102 EASTPORT PLAZA DRIVE  
 COLLINSVILLE, ILLINOIS 62234-6198

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	20
CONTRACT NO. 97827				

COMPLETION DATE OF FIELD WORK PERFORMED	
LAND SURVEY: 12/28/2022	ROW STAKING: 01/20/2026

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STA. 185+64.30 CL OLD COLLINSVILLE RD  
 STA. 63+33.25 CL ASHLAND AVE.

NOTE:  
 1. SEE INTERSECTION DETAILS CURB RAMPS FOR MORE INFORMATION ON THE CURB RAMP DETAILS.  
 2. EOP ELEVATIONS ARE AT 10' INTERVALS UNLESS OTHERWISE NOTED.



**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = jstein  
 PLOT SCALE = 20.0000 "/in.  
 PLOT DATE = 2/5/2026

DESIGNED - MLS  
 DRAWN - JRT  
 CHECKED - JWS  
 DATE - DECEMBER 2023

REVISED -  
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 REVISED -

**ST. CLAIR COUNTY  
 DEPARTMENT OF ROADS & BRIDGES**

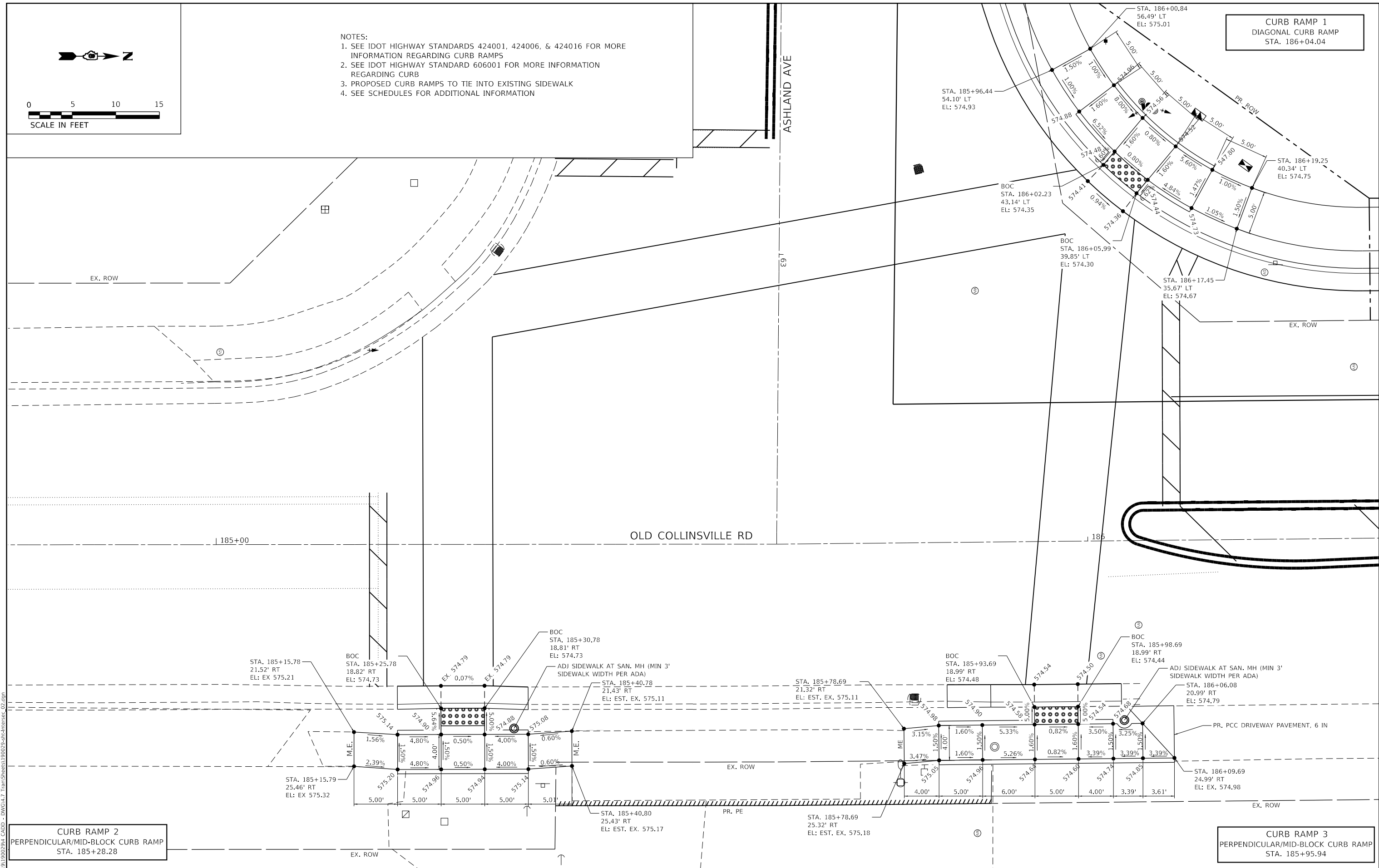
**INTERSECTION DETAILS  
 NW QUADRANT**  
 SCALE: 1" = 10' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	21
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. SEE IDOT HIGHWAY STANDARDS 424001, 424006, & 424016 FOR MORE INFORMATION REGARDING CURB RAMP
  2. SEE IDOT HIGHWAY STANDARD 606001 FOR MORE INFORMATION REGARDING CURB
  3. PROPOSED CURB RAMP TO TIE INTO EXISTING SIDEWALK
  4. SEE SCHEDULES FOR ADDITIONAL INFORMATION

CURB RAMP 1  
DIAGONAL CURB RAMP  
STA. 186+04.04



CURB RAMP 2  
PERPENDICULAR/MID-BLOCK CURB RAMP  
STA. 185+28.28

CURB RAMP 3  
PERPENDICULAR/MID-BLOCK CURB RAMP  
STA. 185+95.94

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LICENSE NO: 184-001220

USER NAME = jstein	DESIGNED - MLS	REVISED -
PLOT SCALE = 10.0000" / in.	DRAWN - JRT	REVISED -
PLOT DATE = 2/5/2026	CHECKED - JWS	REVISED -
	DATE - DECEMBER 2023	REVISED -



**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

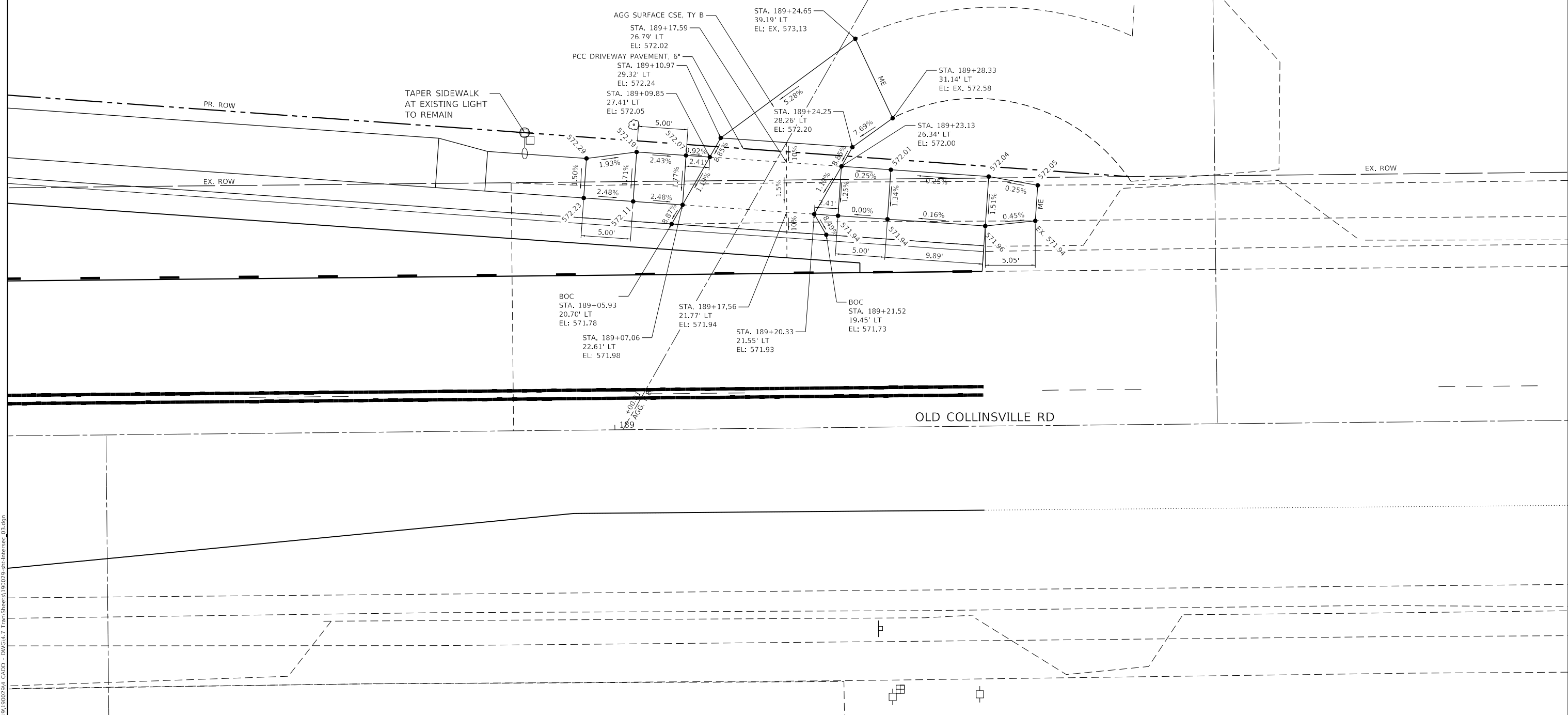
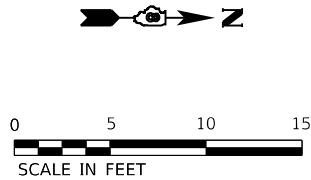
**INTERSECTION DETAILS  
CURB RAMP**

SCALE: 1" = 5'    SHEET 2 OF 3 SHEETS    STA.    TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	22
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				

ENTRANCE  
ENTRANCE PED. CROSSING  
STA. 189+00.81

- NOTES:  
 1. SEE IDOT HIGHWAY STANDARD 424026 FOR MORE INFORMATION REGARDING CURB RAMP  
 2. SEE IDOT HIGHWAY STANDARD 606001 FOR MORE INFORMATION REGARDING CURB  
 3. PROPOSED CURB RAMP TO TIE INTO EXISTING SIDEWALK  
 4. SEE SCHEDULES FOR ADDITIONAL INFORMATION



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 184-001220

USER NAME = jstein  
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 DATE - DECEMBER 2023

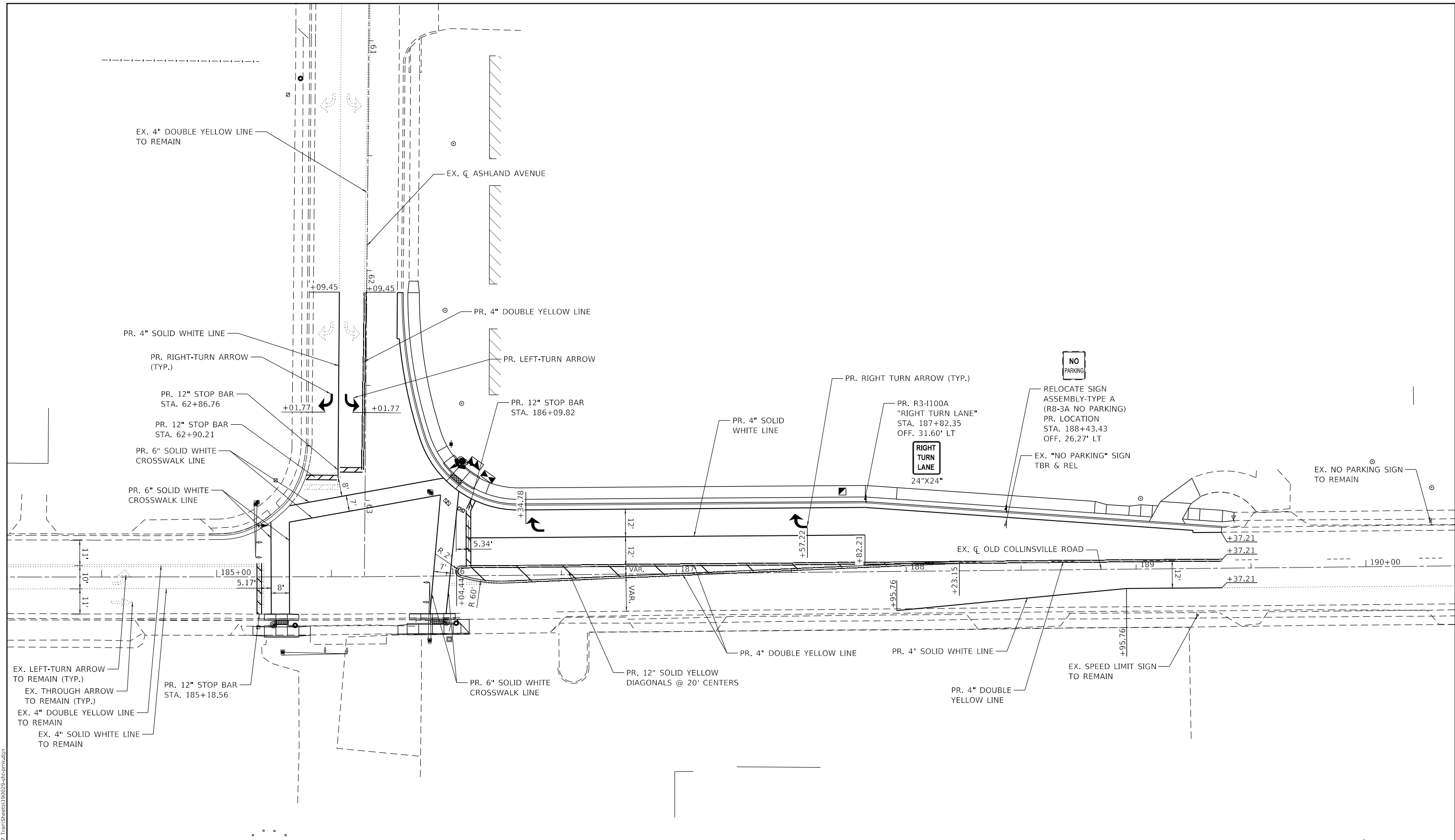
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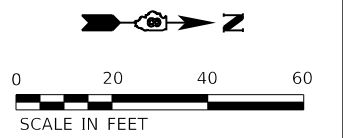
**ST. CLAIR COUNTY**  
**DEPARTMENT OF ROADS & BRIDGES**

**INTERSECTION DETAILS**  
**ENTRANCE DETAIL AND CURB RAMPS**  
 SCALE: 1" = 5'  
 SHEET 3 OF 3 SHEETS  
 STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	23
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				



NOTE:  
1. ALL PAVEMENT MARKING SHALL BE PAINT UNLESS OTHERWISE NOTED.



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 IL DESIGN FIRM  
 LICENSE NO: 184-001220

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 DESIGNED - MLS  
 DRAWN - JRT  
 CHECKED - JWS  
 DATE - DECEMBER 2023

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**ST. CLAIR COUNTY**  
**DEPARTMENT OF ROADS & BRIDGES**

**PAVEMENT MARKING AND SIGNAGE PLAN**  
 SCALE: 1"=20'  
 SHEET 1 OF 1 SHEETS  
 STA. TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	24
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				

**GENERAL NOTES**

- TRAFFIC SIGNALS SHALL BE OPERATIONAL AND ALL TRAFFIC SIGNAL WORK SHALL BE COMPLETED DURING THE OLD COLLINSVILLE ROAD/ASHLAND AVENUE IMPROVEMENTS.
- ALL VEHICLE SIGNAL HEADS SHALL BE POLYCARBONATE AND SHALL HAVE 12" L.E.D. SECTIONS. ALL MOUNTING HARDWARE SHALL BE ALUMINUM. ALL BOLTS, SCREWS, NUTS, AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SIEZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- THE LOCATION OF THE TRAFFIC SIGNAL POST SHALL BE APPROVED BY THE ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES BEFORE FOUNDATIONS ARE CONSTRUCTED. IN CURBED SECTIONS, THE TRAFFIC SIGNAL POST CENTERS SHALL BE LOCATED A MINIMUM OF 4 FEET FROM THE BACK OF THE CURB.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON FORK TONGUE CONNECTORS.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ST. CLAIR COUNTY DEPARTMENT OF ROADS AND BRIDGES BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER ARTICLE 873.03 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STANDARD DRAWING 886001. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD. ROSIN-CORE SOLDER SHALL BE USED.
- CALL DELAY SHALL NOT FUNCTION WHEN THE RELATED PHASES ARE IN THE GREEN MODE.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(A)). THE CAST-IN-PLACE LEGEND ON THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- ALL INDUCTIVE LOOP DETECTORS SUPPLIED FOR THIS PROJECT SHALL HAVE THE CAPACITY OF OPERATING WITH BOTH DELAY AND EXTENSION MODES ACTIVE. IF A TIME SETTING IS PROGRAMMED, THEY SHALL BE RACK MOUNTED.
- CABLE MARKING TAPE SHALL BE INCLUDED WITH THE PAY ITEM "UNDERGROUND CONDUIT" AND INSTALLED PER ARTICLE 810.04 OF THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.
- A 1/4" DIAMETER CONTINUOUS NYLON PULL ROPE SHALL BE FURNISHED AND INSTALLED IN ALL CONDUITS. THIS WORK SHALL BE INCLUDED WITH THE CONDUIT PAY ITEMS.
- QUADRUPLE DETECTOR LOOPS SHALL HAVE 3 TURNS WITH SIX WIRES IN THE CENTER SLOT.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO BE REMOVED SHALL REMAIN THE PROPERTY OF ST. CLAIR COUNTY AND SHALL BE DELIVERED TO THEIR MAINTENANCE FACILITY AS DIRECTED BY THE ENGINEER. 40 N WATERWORKS DRIVE, BELLEVILLE, IL 62223.
- LOCATE UNDERGROUND CABLES PRIOR TO ATTEMPTING TO CONSTRUCT THIS PROJECT.
- ANY EXTENDERS NECESSARY FOR INSTALLATION OF THE PEDESTRIAN PUSH BUTTONS SHALL BE INCIDENTAL TO THE PRICE FOR PEDESTRIAN PUSH-BUTTON.
- EXISTING TRAFFIC SIGNAL EQUIPMENT AND CONCRETE FOUNDATION SHALL BE REMOVED IN ACCORDANCE WITH THE RESPECTIVE SPECIAL PROVISIONS. THE CONDUIT SHALL BE ABANDONED IN PLACE AND THE CABLES SHALL BE REMOVED.
- THE FOLLOWING IDOT STANDARDS SHALL APPLY TO CONSTRUCTION OF THE SIGNALS: 000001-08, 720001-01, 814001-03, 814006-03, 838001-01, 857001-01, 873001-02, 876001-04, 878001-11, 880006-01, 886001-01, 886006-01.

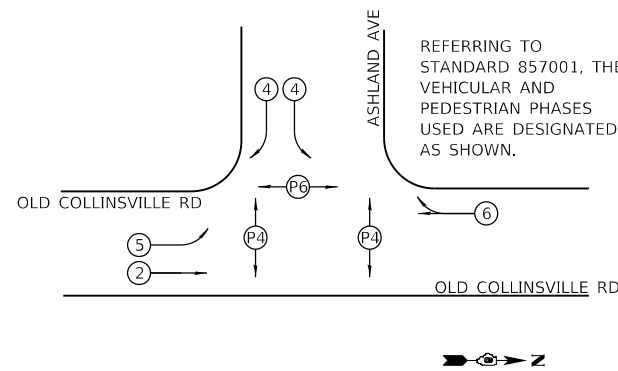
CODE NUMBER	ITEM	UNIT	QUANTITY
72000100	SIGN PANEL - TYPE 1	SQ FT	3.00
72400310	REMOVE SIGN PANEL - TYPE I	SQ FT	1.5
80300100	LOCATING UNDERGROUND CABLE	FOOT	1490
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	75
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	85
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	35
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	197
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	3
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	8
81400100	HANDHOLE	EACH	1
81400300	DOUBLE HANDHOLE	EACH	1
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	797
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	856
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1175
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	244
87301305	ELECTRIC CABLE IN CONDUIT, LEAD IN, NO. 14 1 PAIR	FOOT	2047
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	58
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	623
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	8
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3
87900200	DRILL EXISTING HANDHOLE	EACH	4
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
88500520	INDUCTION LOOP DETECTOR AMPLIFIER WITH CALL DELAY AND CALL CARRY-OVER, DIGITAL DESIGN	EACH	3
88600100	DETECTOR LOOP, TYPE I	FOOT	397
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4
89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	1
89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
89502200	MODIFY EXISTING CONTROLLER	EACH	1
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	4525
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
89502380	REMOVE EXISTING HANDHOLE	EACH	1
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
X1400031	REMOVE PEDESTRIAN PUSH-BUTTON	EACH	2
X8140115	HANDHOLES TO BE ADJUSTED	EACH	1
X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	2
X8950103	RELOCATE EXISTING TRAFFIC SIGNAL CONTROLLER AND CABINET, COMPLETE	EACH	1

LOOP	PHASE	LOOP SIZE (FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
OLD COLLINSVILLE RD SB THRU	6	6' X 50' (Q)	3-6-3	274.78	1.100
OLD COLLINSVILLE RD SB RT	6	6' X 50' (Q)	3-6-3	275.00	1.105
OLD COLLINSVILLE RD SB CCO	6	6' X 6'	5	218.25	1.425

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES

PHASE	1	2	3	4	5	6	7	8
MOVEMENT		→		↕	↕	←		
CONCURRENT MOVEMENT PERMITTED	NOT USED	5 OR 6	NOT USED	NONE	2	2	NOT USED	NOT USED

\* PEDESTRIAN MOVEMENT DISPLAYED UPON ACTUATION ONLY.



**TRAFFIC SIGNAL LEGEND**

- EXISTING SIGNAL HEAD W/ BACKPLATE
- EXISTING TRAFFIC SIGNAL MAST ARM
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING CONTROLLER
- EXISTING DETECTOR LOOP
- EXISTING SERVICE INSTALLATION
- EXISTING CONDUIT
- EXISTING PEDESTRIAN PUSH-BUTTON
- EXISTING PEDESTRIAN SIGNAL HEAD
- PVCC POLYVINYL CHLORIDE CONDUIT
- GSC GALVANIZED STEEL CONDUIT
- PROPOSED DETECTOR LOOP
- PROPOSED HANDHOLE
- PROPOSED DOUBLE HANDHOLE
- PROPOSED RELOCATED CONTROLLER
- PROPOSED CONDUIT, SIZE SPECIFIED
- PROPOSED PEDESTRIAN PUSH-BUTTON
- PROPOSED PEDESTRIAN SIGNAL HEAD

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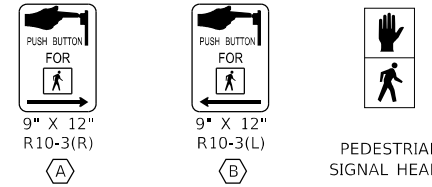


**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

**TRAFFIC SIGNAL GENERAL NOTES, SUMMARY OF QUANTITIES, & DETAILS  
OLD COLLINSVILLE RD/ASHLAND AVE**

SCALE: NTS SHEET 1 OF 4 SHEETS STA. TO STA.

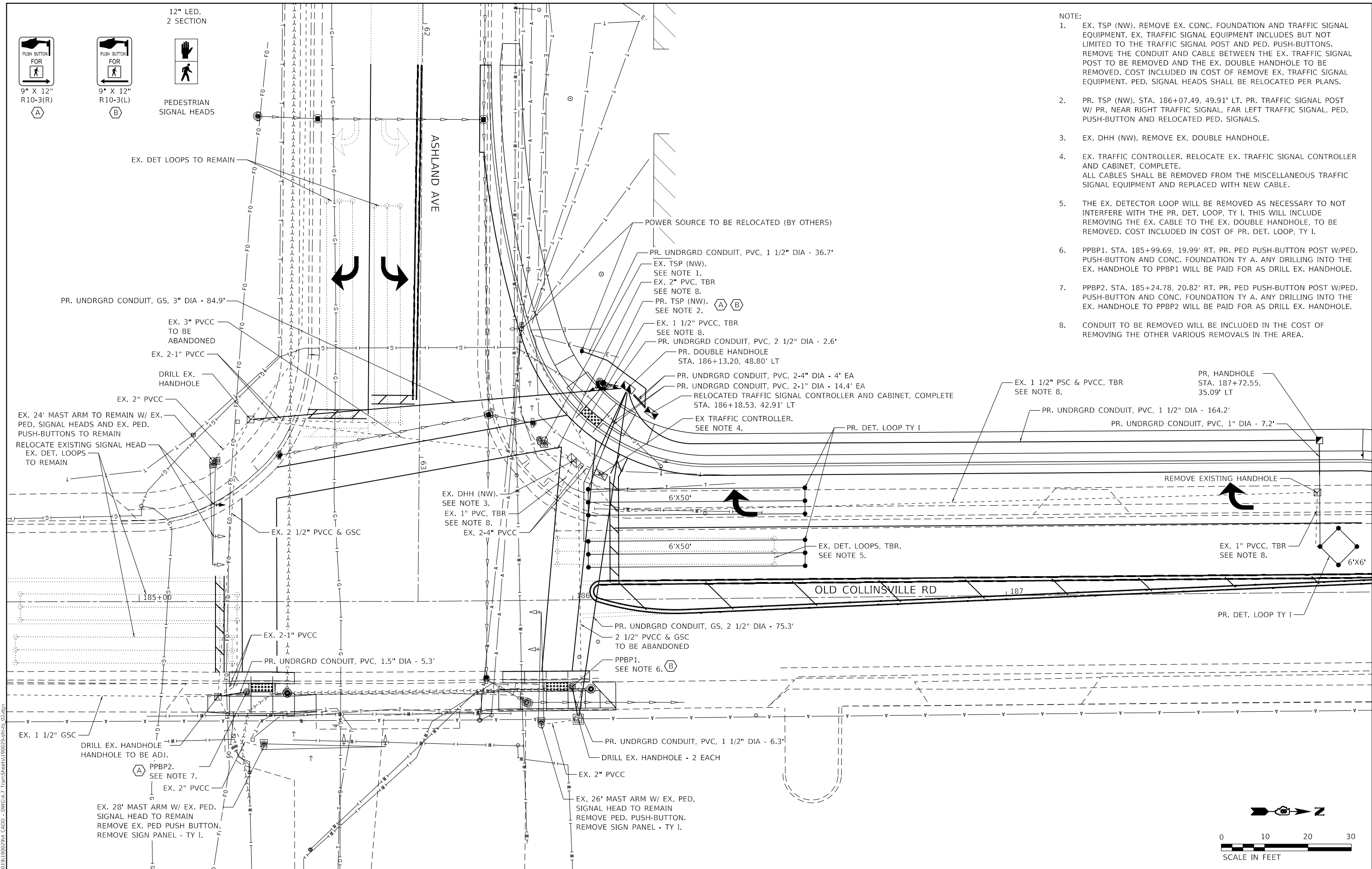
F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	25
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				



12" LED,  
2 SECTION

PEDESTRIAN  
SIGNAL HEADS

- NOTE:
- EX. TSP (NW). REMOVE EX. CONC. FOUNDATION AND TRAFFIC SIGNAL EQUIPMENT. EX. TRAFFIC SIGNAL EQUIPMENT INCLUDES BUT NOT LIMITED TO THE TRAFFIC SIGNAL POST AND PED. PUSH-BUTTONS. REMOVE THE CONDUIT AND CABLE BETWEEN THE EX. TRAFFIC SIGNAL POST TO BE REMOVED AND THE EX. DOUBLE HANDHOLE TO BE REMOVED. COST INCLUDED IN COST OF REMOVE EX. TRAFFIC SIGNAL EQUIPMENT. PED. SIGNAL HEADS SHALL BE RELOCATED PER PLANS.
  - PR. TSP (NW). STA. 186+07.49, 49.91' LT. PR. TRAFFIC SIGNAL POST W/ PR. NEAR RIGHT TRAFFIC SIGNAL, FAR LEFT TRAFFIC SIGNAL, PED. PUSH-BUTTON AND RELOCATED PED. SIGNALS.
  - EX. DHH (NW). REMOVE EX. DOUBLE HANDHOLE.
  - EX. TRAFFIC CONTROLLER. RELOCATE EX. TRAFFIC SIGNAL CONTROLLER AND CABINET, COMPLETE. ALL CABLES SHALL BE REMOVED FROM THE MISCELLANEOUS TRAFFIC SIGNAL EQUIPMENT AND REPLACED WITH NEW CABLE.
  - THE EX. DETECTOR LOOP WILL BE REMOVED AS NECESSARY TO NOT INTERFERE WITH THE PR. DET. LOOP, TY I. THIS WILL INCLUDE REMOVING THE EX. CABLE TO THE EX. DOUBLE HANDHOLE, TO BE REMOVED. COST INCLUDED IN COST OF PR. DET. LOOP, TY I.
  - PPBP1. STA. 185+99.69, 19.99' RT. PR. PED PUSH-BUTTON POST W/PED. PUSH-BUTTON AND CONC. FOUNDATION TY A. ANY DRILLING INTO THE EX. HANDHOLE TO PPBP1 WILL BE PAID FOR AS DRILL EX. HANDHOLE.
  - PPBP2. STA. 185+24.78, 20.82' RT. PR. PED PUSH-BUTTON POST W/PED. PUSH-BUTTON AND CONC. FOUNDATION TY A. ANY DRILLING INTO THE EX. HANDHOLE TO PPBP2 WILL BE PAID FOR AS DRILL EX. HANDHOLE.
  - CONDUIT TO BE REMOVED WILL BE INCLUDED IN THE COST OF REMOVING THE OTHER VARIOUS REMOVALS IN THE AREA.



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**TWM**  
ENGINEERING  
GEOSPATIAL SERVICES

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LICENSE NO: 184-001220

USER NAME = jstein	DESIGNED - MLS	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN - JRT	REVISED -
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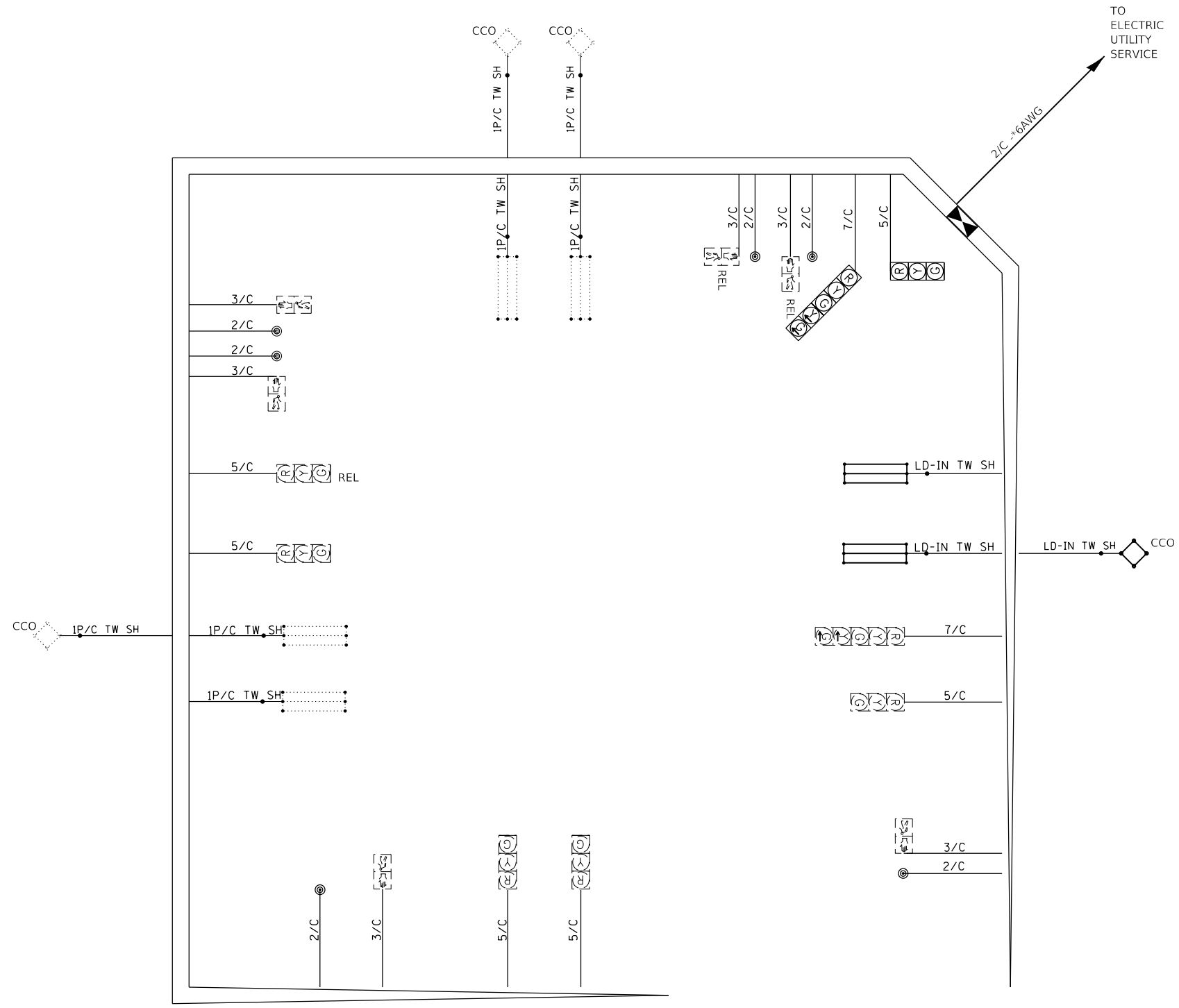


**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

**TRAFFIC SIGNAL PLAN  
OLD COLLINSVILLE RD/ASHLAND AVE**

SCALE: 1" = 10'    SHEET 2 OF 4 SHEETS    STA.    TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	26
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- EXISTING CABLE
- PROPOSED CABLE
- CABLE SPLICE
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- TW SH INDICATES TWISTED SHIELDED CABLE
- PR. TRAFFIC SIGNAL CONTROLLER CABINET
- EX. 12" TRAFFIC SIGNAL SECTION. LETTER INDICATES COLOR.
- PR. 12" TRAFFIC SIGNAL SECTION. LETTER INDICATES COLOR.
- EXISTING DETECTOR LOOP, CD INDICATES CALL DELAY
- PROPOSED DETECTOR LOOP, CD INDICATES CALL DELAY
- EXISTING 6' X 6' CALL CARRY OVER DETECTOR LOOP
- EXISTING PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2 FACE, BRACKET MOUNTED, WALK/DON'T WALK SECTION
- PROPOSED PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2 FACE, BRACKET MOUNTED, WALK/DON'T WALK SECTION
- EXISTING PEDESTRIAN PUSH-BUTTON
- PROPOSED PEDESTRIAN PUSH-BUTTON
- REL RELOCATED



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 DATE - DECEMBER 2023

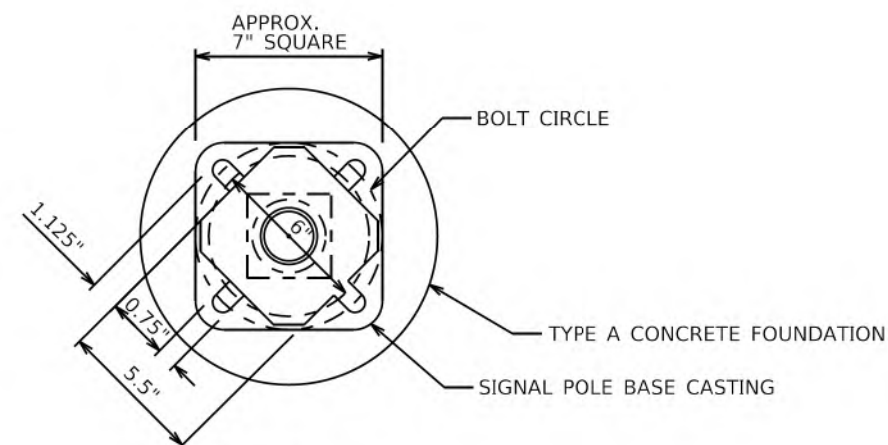
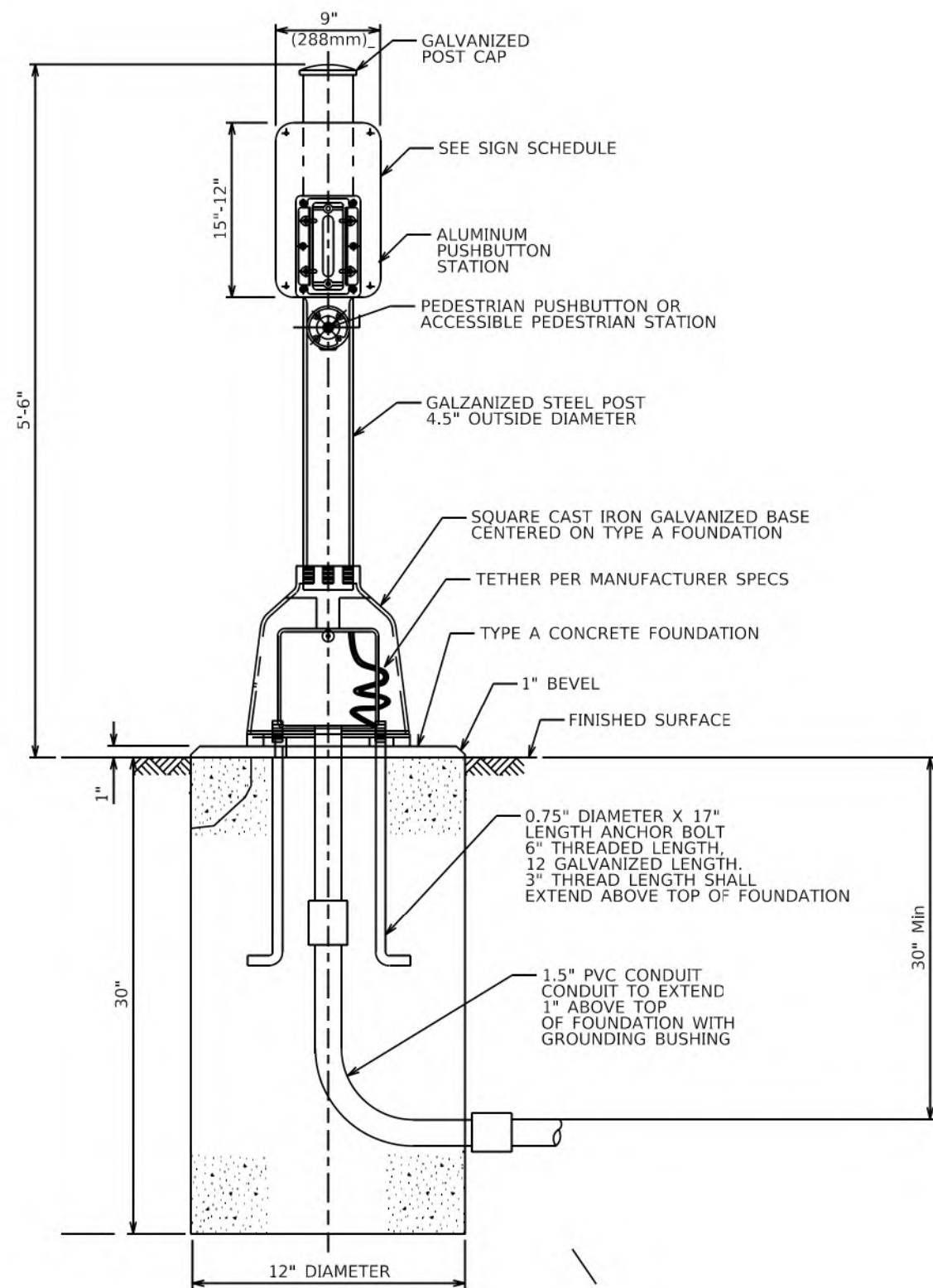
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 REVISED -  
 REVISED -



**ST. CLAIR COUNTY**  
**DEPARTMENT OF ROADS & BRIDGES**

**TRAFFIC SIGNAL CABLE DIAGRAM**  
**OLD COLLINSVILLE RD/ASHLAND AVE**  
 SCALE: NTS    SHEET 3 OF 4 SHEETS    STA.    TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	27
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				



**BOLT PATTERN**

**PEDESTRIAN PUSH-BUTTON POST**

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**TWM, INC.**  
 www.twm-inc.com  
 IL DESIGN FIRM  
 LICENSE NO: 184-001220

USER NAME = jstein  
 DESIGNED - MLS  
 DRAWN - JRT  
 CHECKED - JWS  
 DATE - DECEMBER 2023

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -



**ST. CLAIR COUNTY**  
**DEPARTMENT OF ROADS & BRIDGES**

**TRAFFIC SIGNAL DETAILS**  
**PED. PUSH-BUTTON POST & CONC. FOUNDATION TY A**

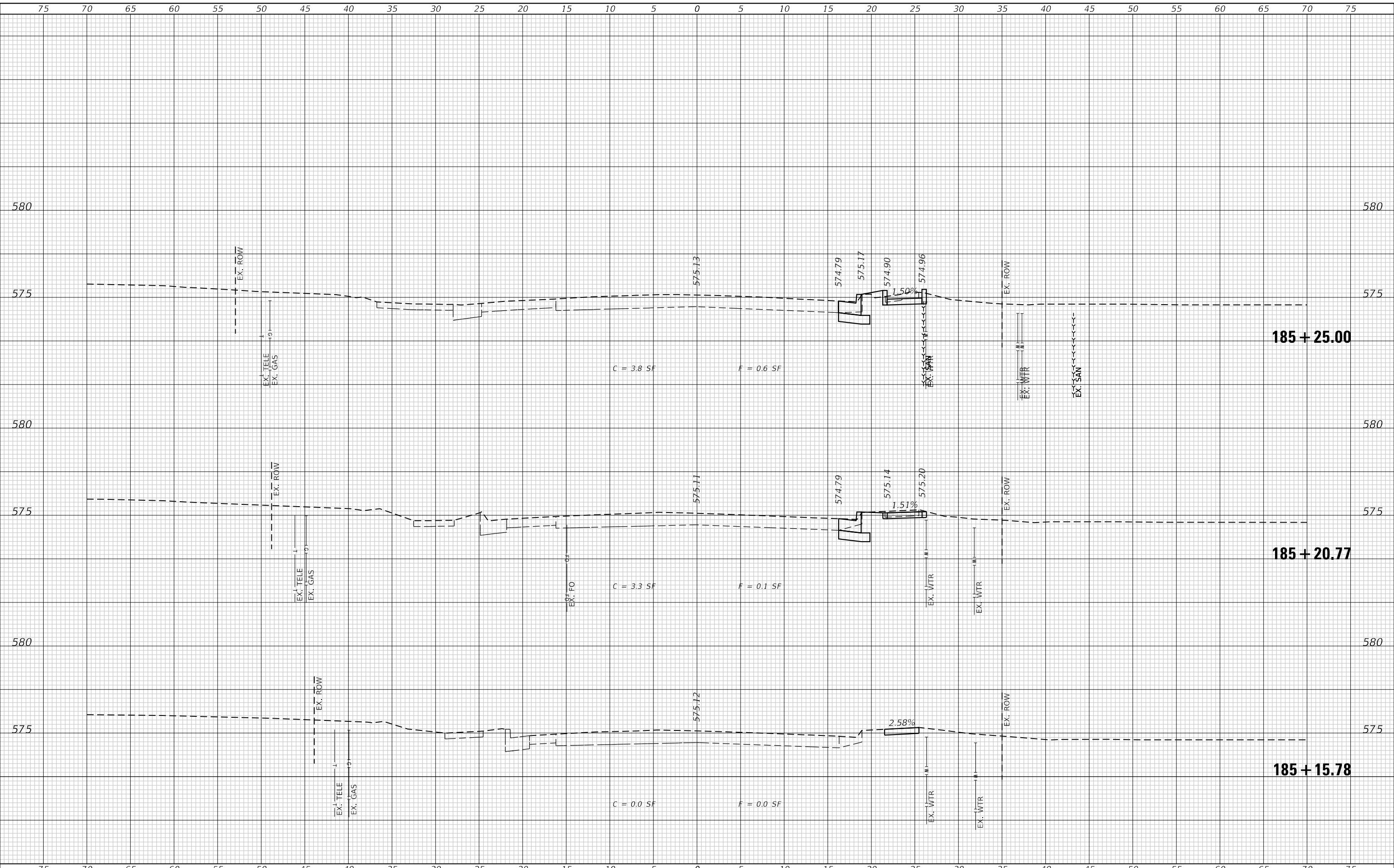
SCALE: NTS      SHEET 4 OF 4 SHEETS      STA.      TO STA.

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	28
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED
NOTE BOOK NO.	TEMPLATE AREAS CHECKED
DATE	BY

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED
NOTE BOOK NO.	TEMPLATE AREAS CHECKED
DATE	BY

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 GEOSPATIAL SERVICES

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 LICENSE NO.:  
 184-001220

USER NAME = jstein	DESIGNED - MLS	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - JRT	REVISED -
PLOT DATE = 2/5/2026	CHECKED - JWS	REVISED -
	DATE - DECEMBER 2023	REVISED -



**ST. CLAIR COUNTY  
 DEPARTMENT OF ROADS & BRIDGES**

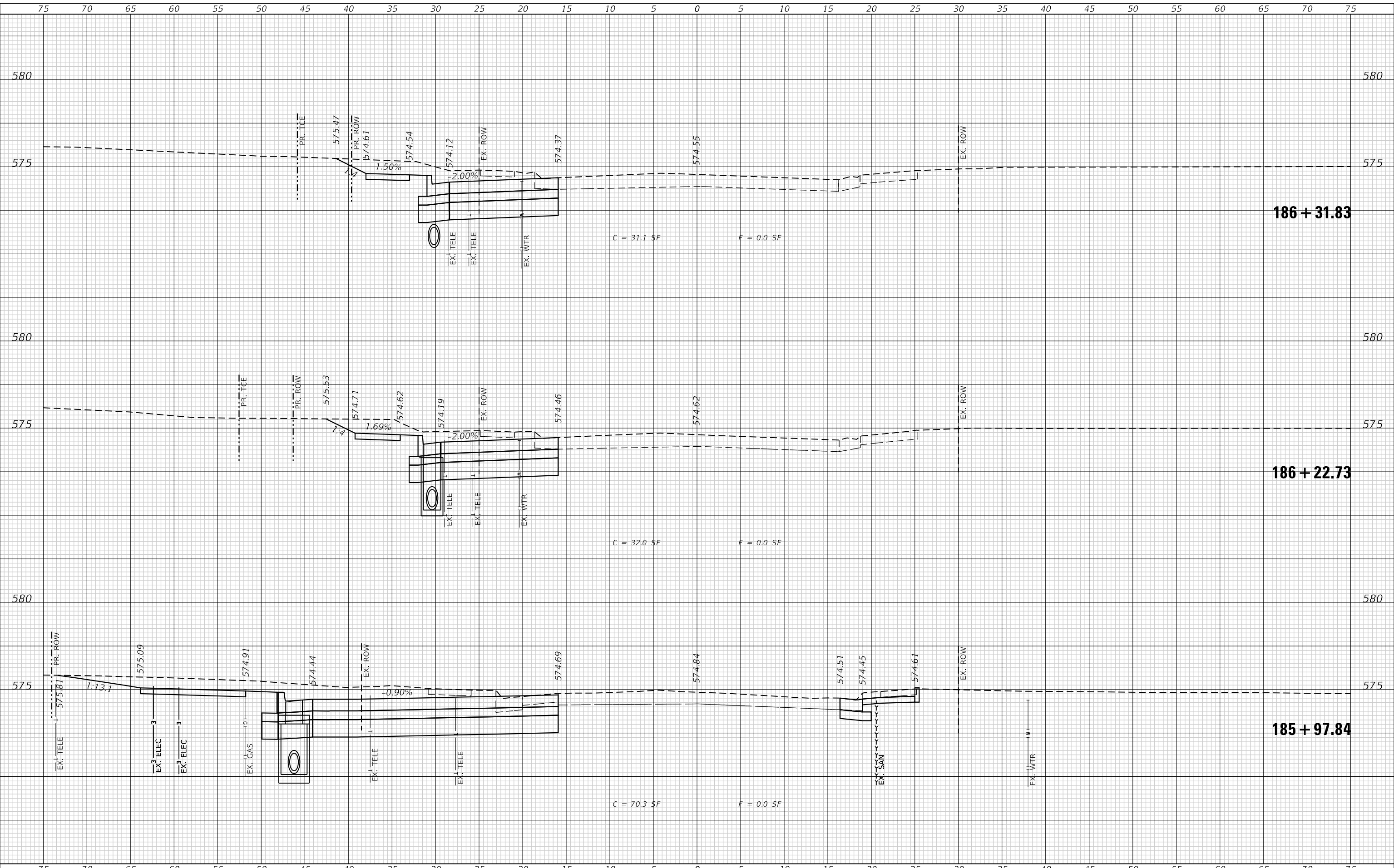
<b>CROSS SECTIONS    OLD COLLINSVILLE ROAD</b>	
SCALE: 1"=10'	SHEET 1 OF 7 SHEETS
STA. 185+15.78	TO STA. 185+25.00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	29
CONTRACT NO. 97827				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

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 ILLINOIS DESIGN FIRM LICENSE NO. 184-001220

USER NAME = jstein	DESIGNED - MLS	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JWS	REVISED -
PLOT DATE = 2/5/2026	DATE - DECEMBER 2023	REVISED -



**ST. CLAIR COUNTY  
 DEPARTMENT OF ROADS & BRIDGES**

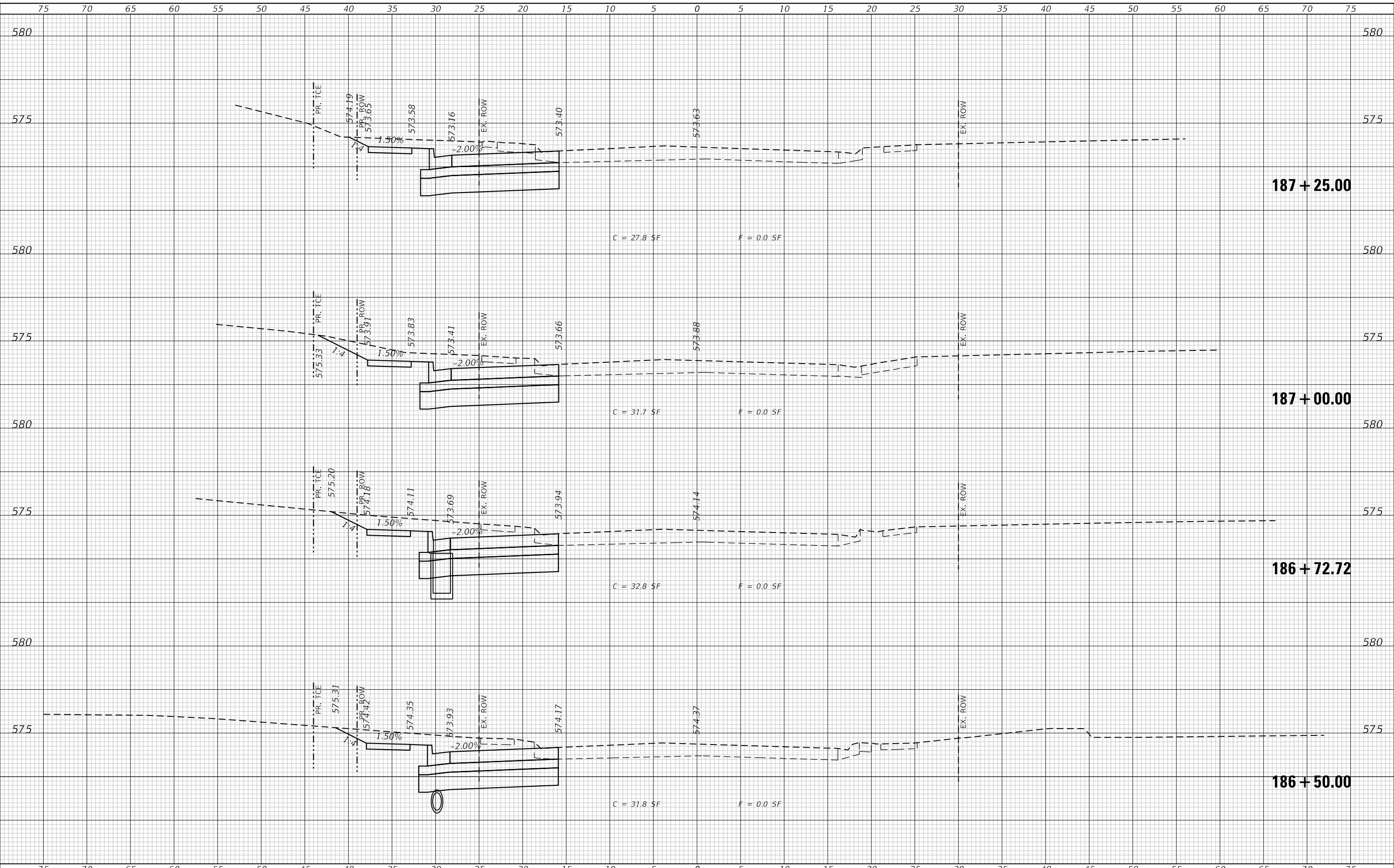
<b>CROSS SECTIONS    OLD COLLINSVILLE ROAD</b>	
SCALE: 1"=10'	SHEET 2 OF 7 SHEETS
STA. 185+97.84 TO STA. 186+31.83	

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	30
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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 WWW.TWM-INC.COM  
 ILL. DESIGN FIRM  
 LICENSE NO.:  
 184-001220

USER NAME = jstein	DESIGNED - MLS	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JWS	REVISED -
PLOT DATE = 2/5/2026	DATE - DECEMBER 2023	REVISED -



**ST. CLAIR COUNTY  
 DEPARTMENT OF ROADS & BRIDGES**

**CROSS SECTIONS  
 OLD COLLINSVILLE ROAD**

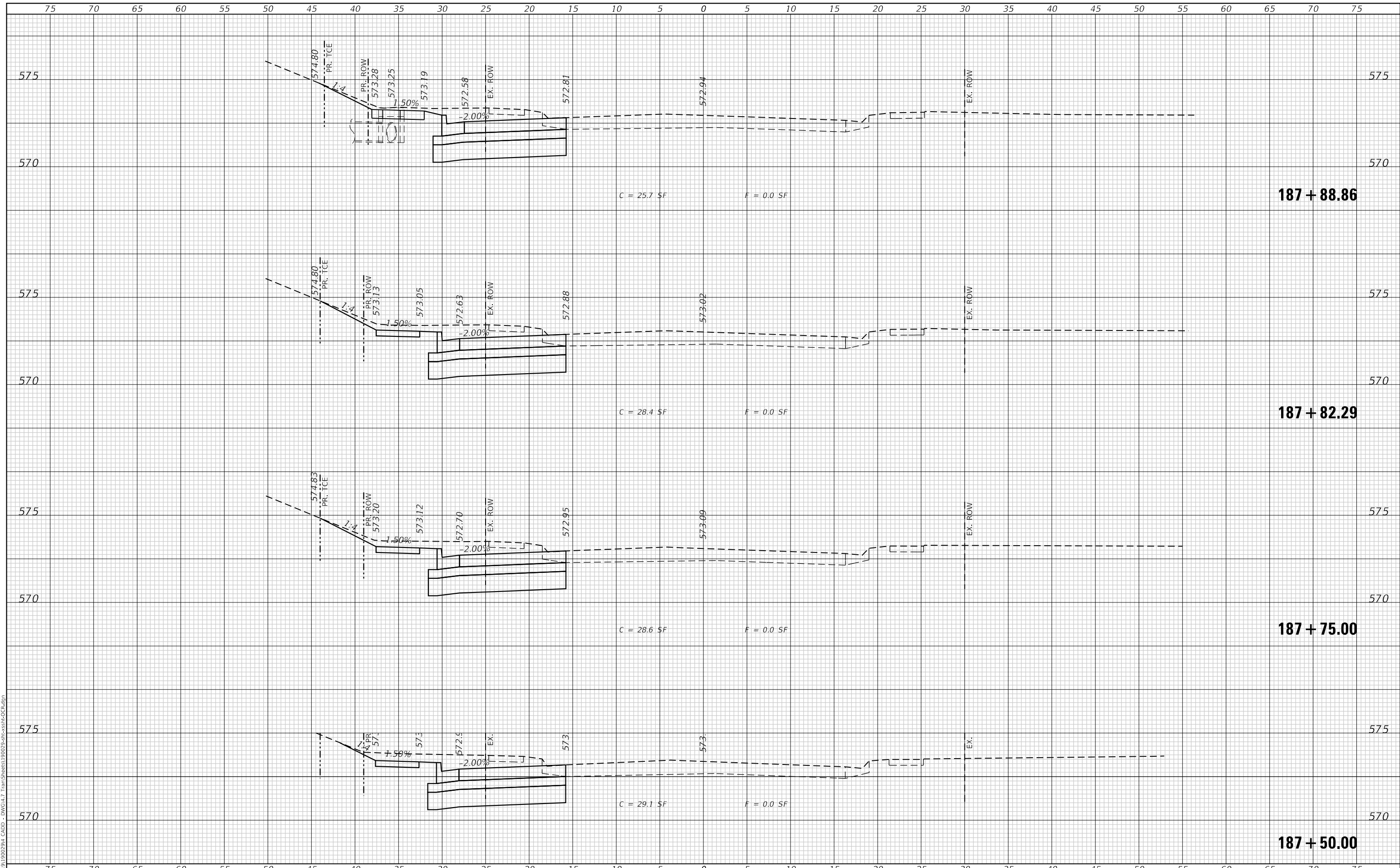
SCALE: 1"=10'    SHEET 3 OF 7 SHEETS    STA. 186+50.00 TO STA. 187+25.00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	31
			CONTRACT NO. 97827	
		ILLINOIS	FED. AID PROJECT	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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 LICENSE NO. 184-001220

USER NAME	= jstein
DESIGNED	- MLS
DRAWN	- JRT
CHECKED	- JWS
DATE	- DECEMBER 2023
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-



**ST. CLAIR COUNTY  
 DEPARTMENT OF ROADS & BRIDGES**

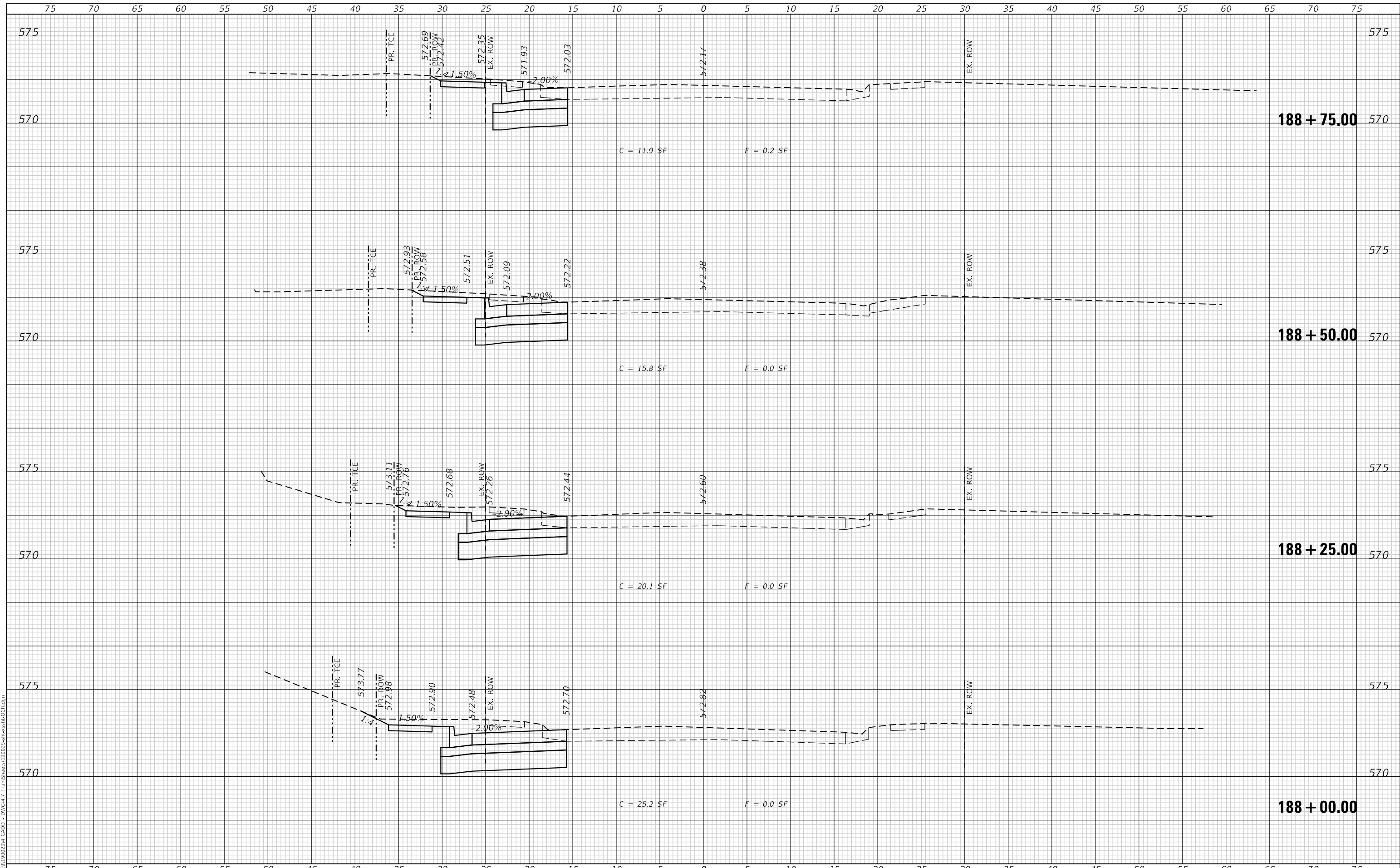
<b>CROSS SECTIONS    OLD COLLINSVILLE ROAD</b>	
SCALE: 1"=10'	SHEET 4 OF 7 SHEETS
STA. 187+50.00 TO STA. 187+88.86	

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	32
CONTRACT NO. 97827				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

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USER NAME = jstein	DESIGNED - MLS	REVISED -
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PLOT DATE = 2/5/2026	CHECKED - JWS	REVISED -
	DATE - DECEMBER 2023	REVISED -



**ST. CLAIR COUNTY**  
**DEPARTMENT OF ROADS & BRIDGES**

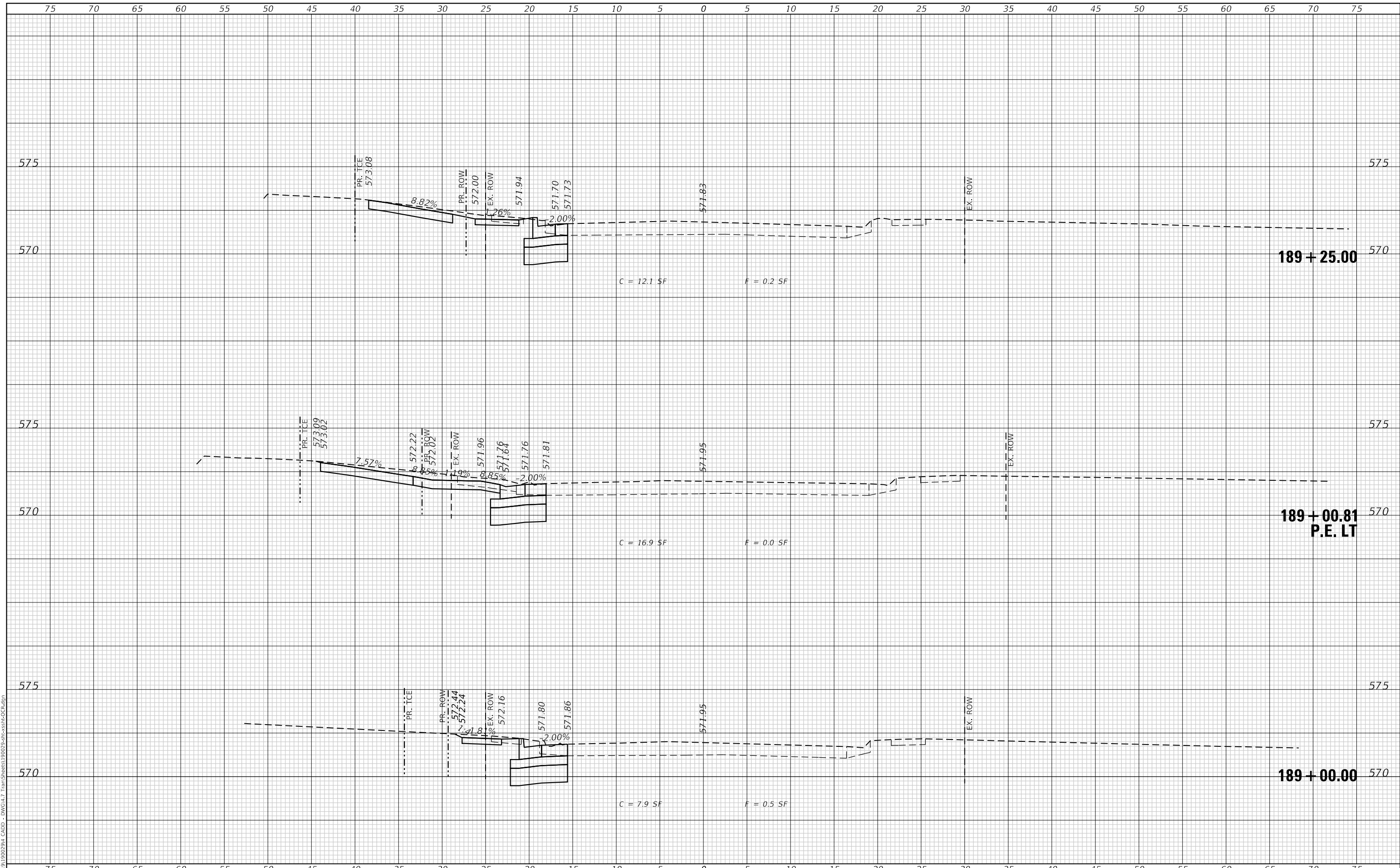
<b>CROSS SECTIONS</b>	
<b>OLD COLLINSVILLE ROAD</b>	
SCALE: 1"=10'	SHEET 5 OF 7 SHEETS
STA. 188+00.00	TO STA. 188+75.00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	33
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
AREAS CHECKED	

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 ILL. DESIGN FIRM  
 LICENSE NO. 184-001220

USER NAME = jstein	DESIGNED - MLS	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - JWS	REVISED -
PLOT DATE = 2/5/2026	DATE - DECEMBER 2023	REVISED -



**ST. CLAIR COUNTY  
 DEPARTMENT OF ROADS & BRIDGES**

<b>CROSS SECTIONS    OLD COLLINSVILLE ROAD</b>	
SCALE: 1"=10'	SHEET 6 OF 7 SHEETS
STA. 189+00.00	TO STA. 189+25.00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	34
CONTRACT NO. 97827			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

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 ENGINEERING  
 GEOSPATIAL SERVICES

**TWM, INC.**  
 WWW.TWM-INC.COM  
 ILL. DESIGN FIRM  
 LICENSE NO.: 184-001220

USER NAME = jstein	DESIGNED - MLS	REVISED -
	DRAWN - JRT	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JWS	REVISED -
PLOT DATE = 2/5/2026	DATE - DECEMBER 2023	REVISED -



**ST. CLAIR COUNTY  
 DEPARTMENT OF ROADS & BRIDGES**

**CROSS SECTIONS  
 OLD COLLINSVILLE ROAD**

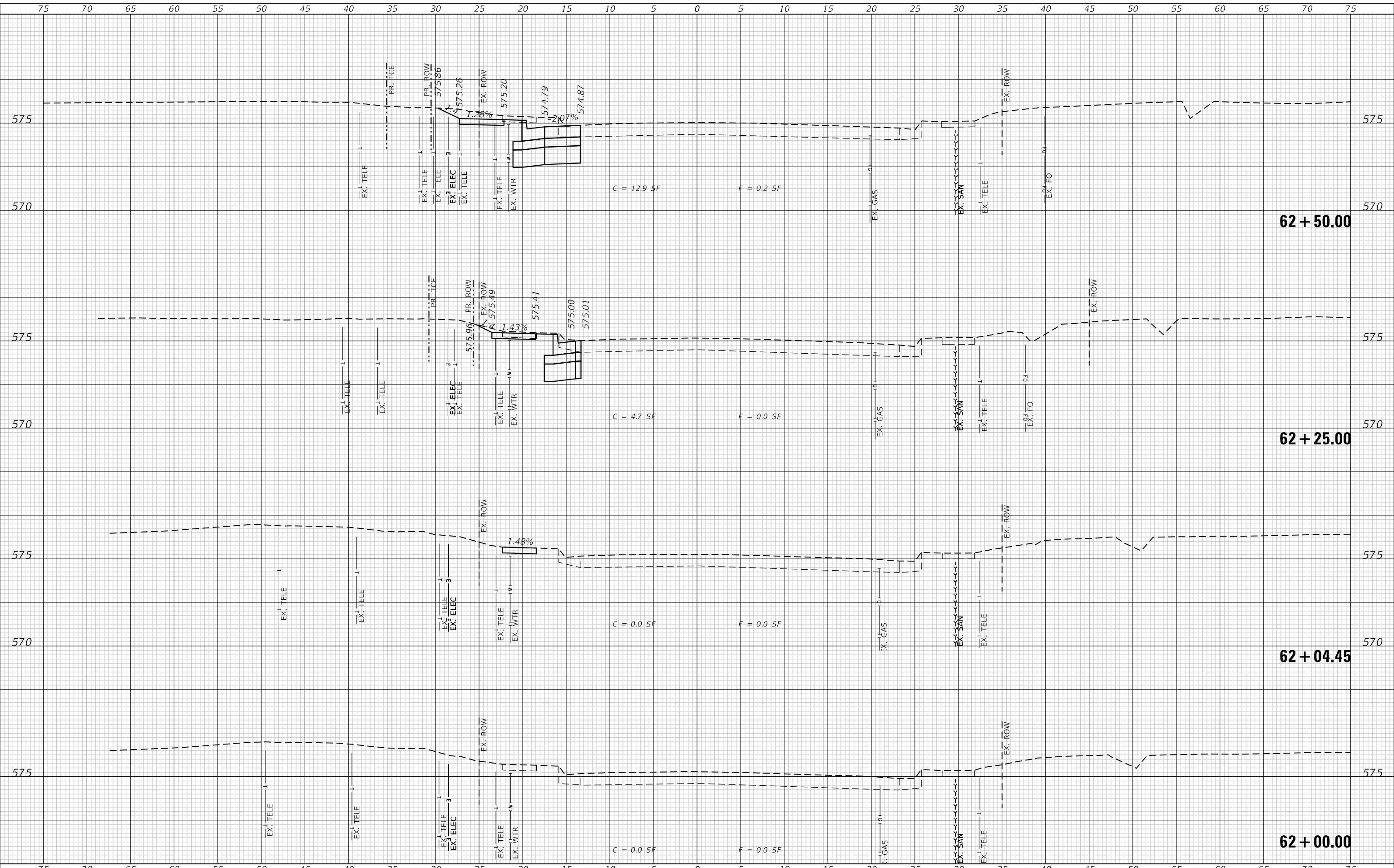
SCALE: 1"=10'    SHEET 7 OF 7 SHEETS    STA. 189+37.21 TO STA. 189+50.00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	35
CONTRACT NO. 97827				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED
BY	DATE
NO.	NO.

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED
BY	DATE
NO.	NO.

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**TWM**  
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 GEOSPATIAL SERVICES

**TWM, INC.**  
 WWW.TWM-INC.COM  
 ILLINOIS DESIGN FIRM  
 LICENSE NO. 184-001220

USER NAME = jstein	DESIGNED - MLS	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - JRT	REVISED -
PLOT DATE = 2/5/2026	CHECKED - JWS	REVISED -
	DATE - DECEMBER 2023	REVISED -



**ST. CLAIR COUNTY  
 DEPARTMENT OF ROADS & BRIDGES**

**CROSS SECTIONS  
 ASHLAND AVENUE**

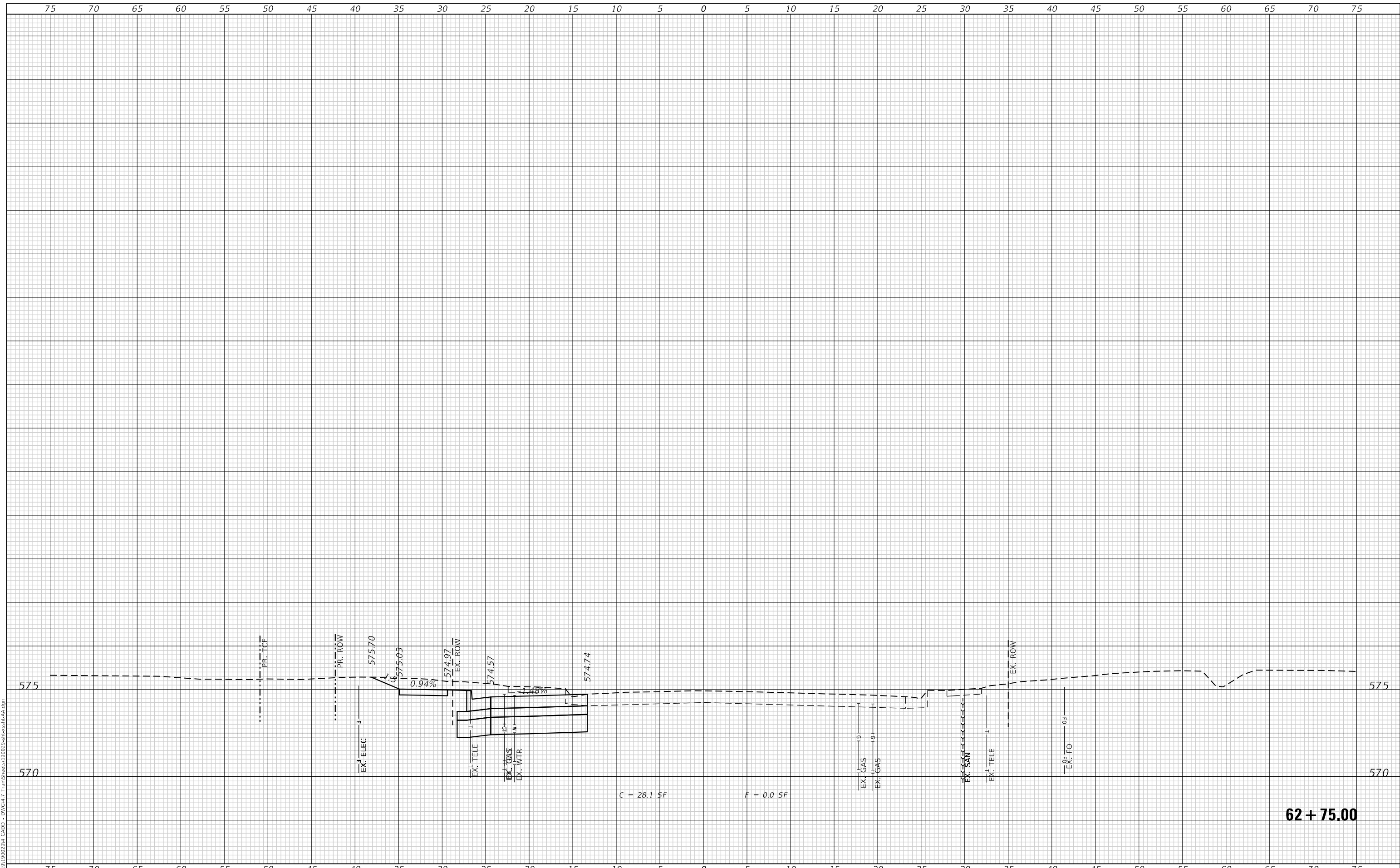
SCALE: 1"=10'    SHEET 1 OF 2 SHEETS    STA. 62+00.00 TO STA. 62+50.00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	36
				CONTRACT NO. 97827
				ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	
	AREAS CHECKED	

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**62 + 75.00**



USER NAME = jstein  
DESIGNED - MLS  
DRAWN - JRT  
CHECKED - JWS  
DATE - DECEMBER 2023

REVISIED -  
REVISIED -  
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REVISIED -

PLOT SCALE = 10.0000 ' / in.  
PLOT DATE = 2/5/2026



**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

**CROSS SECTIONS  
ASHLAND AVENUE**  
SCALE: 1"=10' SHEET 2 OF 2 SHEETS STA. 62+75.00 TO STA. 63+00.00

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9168	19-00276-07-PW	ST. CLAIR	37	37
CONTRACT NO. 97827				
ILLINOIS FED. AID PROJECT				