

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	1
		ILLINOIS	CONTRACT NO. 93841	

09-19-2025 LETTING ITEM 079

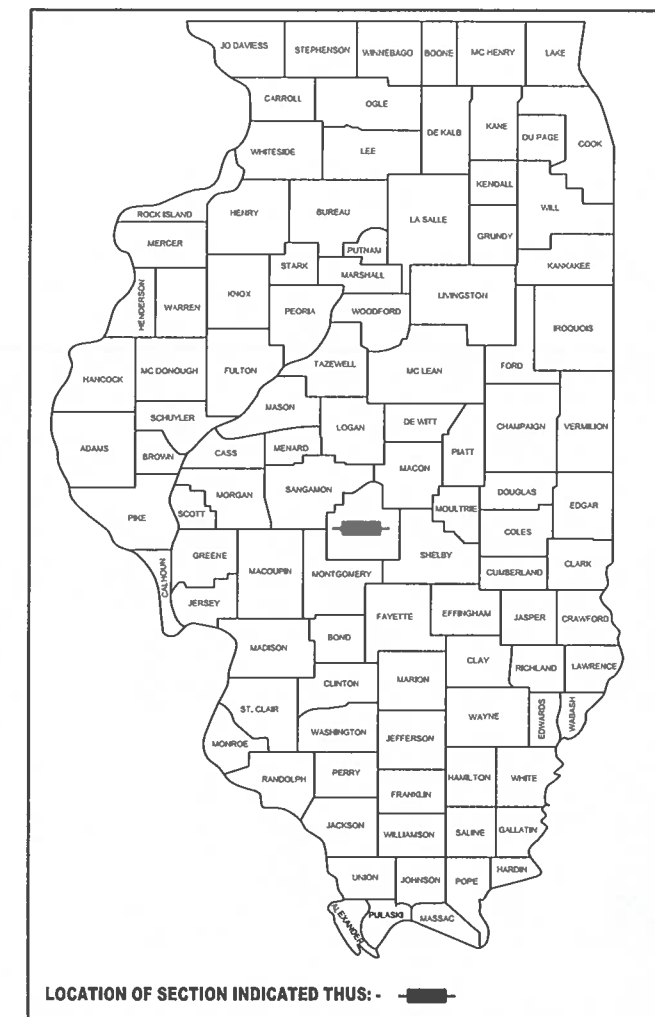
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

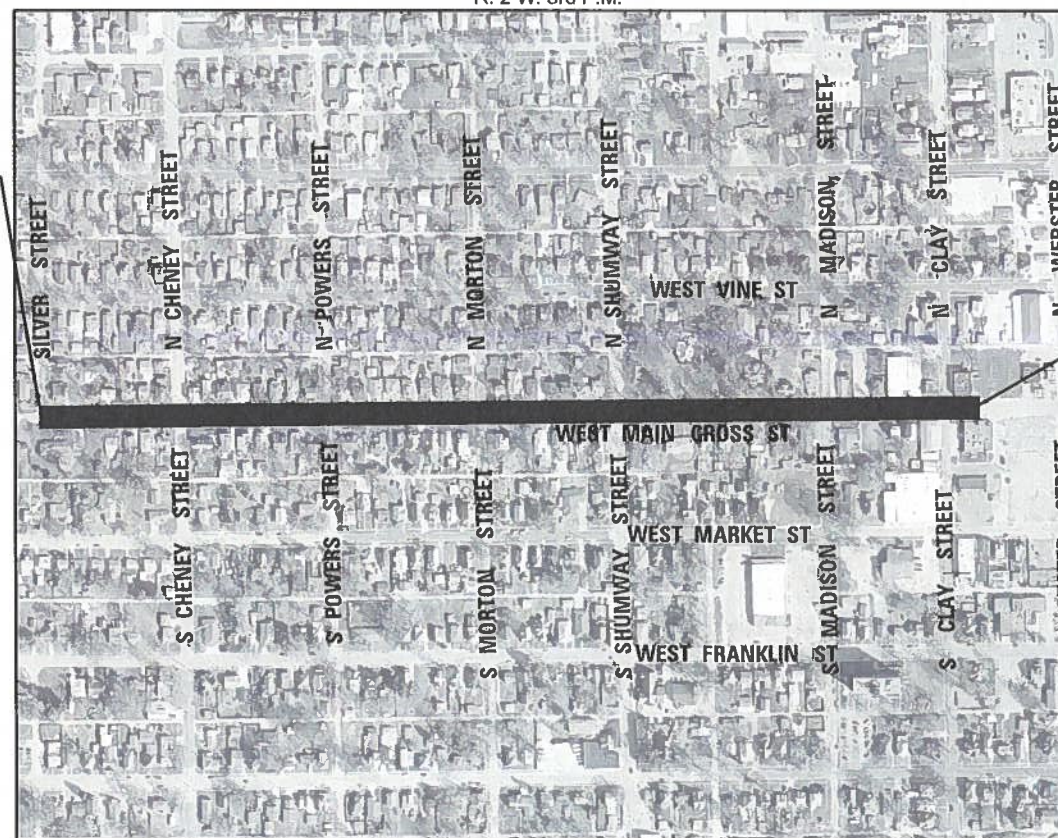
**SECTION 20-00065-00-RS
PROJECT 2SS6(682)
WEST MAIN CROSS (FAU 7878)
ROADWAY IMPROVEMENTS
STU, MFT-RBI, LOCAL & FEDERAL FUNDS
CITY OF TAYLORVILLE
CHRISTIAN COUNTY**

C-96-083-21
R. 2 W. 3rd P.M.

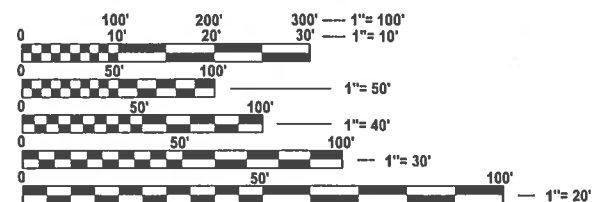
FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR HIGHWAY STANDARDS, SEE SHEET NO. 2



BEGIN IMPROVEMENTS
SECTION 20-00065-00-RS
STATION 19+86.00



END IMPROVEMENTS
SECTION 20-00065-00-RS
STATION 48+33.52



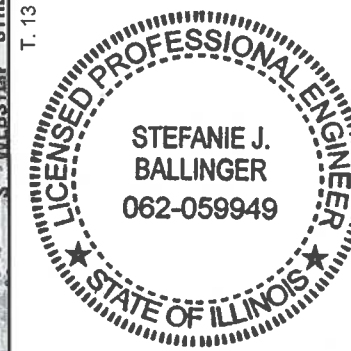
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

GROSS LENGTH = 2,848 FT. = 0.54 MILE

NET LENGTH = 2,848 FT. = 0.54 MILE

FUNCTIONAL CLASS:
SILVER ST. TO SHUMWAY ST. - MAJOR COLLECTOR - ADT 1750
SHUMWAY TO CLAY ST. - MINOR ARTERIAL - ADT 2200



Stefanie Ballinger 6/17/25
STEFANIE J. BALLINGER DATE
LICENSE EXPIRES 11-30-25

APPROVED *Brian Bauer 6-10-25*
MAYOR OF TAYLORVILLE DATE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 6/17 20 25
Loica Ransing
(REGION 4) REGIONAL ENGINEER

6/17 20 25
Brian Wright
DISTRICT 6 LOCAL ROADS & STREETS ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

CONTRACT NO. 93841

BA BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS / LAND SURVEYORS
1970 WEST LAFAYETTE AVE.
JACKSONVILLE, IL 62550
PHONE: 217-245-4148 FAX: 217-245-4149
IL DESIGN FIRM REGISTRATION NO. 184-000852

INDEX OF SHEETS

1	COVER SHEET
2-3	GENERAL NOTES
4-6	SUMMARY OF QUANTITIES
7-8	ALIGNMENT, TIES AND BENCHMARKS
9-10	TYPICAL SECTIONS
11-14	SCHEDULE OF QUANTITIES
15	TRAFFIC CONTROL PLAN
16-17	PROJECT DEMOLITION PLAN
18-23	RECONSTRUCTION PLAN AND PROFILE
24-28	STORM SEWER PLAN AND PROFILE
29-34	WATER MAIN PLAN AND PROFILE
35-42	INTERSECTION GRADING DETAILS
43-49	ADA SHEETS
50-52	PAVEMENT MARKING AND SIGNING PLAN
53-54	CONSTRUCTION DETAILS
55	WATER MAIN CASING DETAILS
56	SEPARATION DETAILS
57	WATER MAIN DETAILS
58-77	CROSS SECTIONS

HIGHWAY STANDARDS

000001-08	STANDARDS, SYMBOLS, ABBREVIATIONS AND PATTERNS	604051-04	FRAME AND GRATE TYPE 11
280001-07	TEMPORARY EROSION CONTROL SYSTEMS	604056-04	FRAME AND GRATE TYPE 11V
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS	606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS	701001-02	OFF-RD OPERATIONS 2L 2W MORE THAN 15 FT
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS	701006-06	OFF-RD OPERATIONS 2L 2W 15' TO 24' FROM PAVEMENT EDGE
424021-07	DEPRESSED CORNER FOR SIDEWALKS	701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
602301-04	INLET TYPE A	701801-06	SIDEWALK, CORNER OR CROSS WALK CLOSURE
602306-03	INLET TYPE B	701901-10	TRAFFIC CONTROL DEVICES
602401-07	PRECAST MANHOLE TYPE A 4' DIAMETER	720006-04	SIGN PANEL ERECTION DETAILS
602402-03	PRECAST MANHOLE TYPE A 5' DIAMETER	780001-05	TYPICAL PAVEMENT MARKINGS
602406-11	PRECAST MANHOLE TYPE A 6' DIAMETER	BLR 22-7	TYPICAL APP OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
602701-02	MANHOLE STEPS		
604001-05	FRAME AND LIDS TYPE 1		

GENERAL NOTES:

- THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022, THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" CURRENT AT TIME OF BID, AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL. THE IDOT HIGHWAY STANDARDS LATEST REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
- WHERE SECTION OR SUB-SECTION 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 CITY AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTORS EXPENSE.
- ALL PROPOSED PAVEMENT WIDTHS SHOWN ON THE PLANS ARE MEASURED FLOW LINE TO FLOW LINE OF PAVEMENT AND ALL ALIGNMENT CALCULATIONS HAVE BEEN MADE ON THE FLOW LINE OF THE PROPOSED CURB, UNLESS OTHERWISE NOTED ON THE PLANS. ALL ELEVATIONS SHOWN REFER TO THE U.S.G.S. DATUM AT MEAN SEA LEVEL.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO THE LUMP SUM PAY ITEMS.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTIVE MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES AND APPURTENANCES THAT MUST BE KEPT IN OPERATION. IN PARTICULAR, THE CONTRACTOR WILL TAKE ADEQUATE MEASURES TO PREVENT THE UNDERMINING OF UTILITIES WHICH ARE STILL IN SERVICE.
- EXISTING PAVEMENT, SIDEWALK AND CURB AND GUTTER DAMAGED DUE TO THE CONTRACTORS NEGLIGENCE SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.
- DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES SO AFFECTED SHALL BE FREE FROM ALL DEBRIS. THIS WORK SHALL BE INCLUDED WITH THE COST OF THE PROJECT.
- THE CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE CITY AND ADJOINING PROPERTY OWNERS TO MAINTAIN ACCESS TO EACH PROPERTY AS DIRECTED BY THE ENGINEER TO LIMIT DISRUPTIONS TO NORMAL OPERATIONS OF THE BUSINESS OR PROPERTY.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- TRENCH BACKFILL SHALL BE PROVIDED UNDER ALL ROADWAY SURFACES AND SIDEWALKS.
- ENGINEER WILL NOT BE RESPONSIBLE FOR CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURES OF CONSTRUCTION OR THE SAFETY PRECAUTIONS AND PROGRAMS INCIDENT THERTO, AND ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO PERFORM OR FURNISH THE WORK IN ACCORDANCE WITH THE SPECIFICATIONS.
- THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF SO DOING SHALL BE CONSIDERED INCIDENTAL TO THE OPERATION OF WORK BEING PERFORMED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, EXISTING PIPE SIZES, EXISTING PIPE MATERIAL, EXISTING INVERTS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COMPLY WITH THE LEGAL LOADING LIMITS ESTABLISHED BY THE CITY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THE LUGS OR CLEATS ON TREADS OR WHEELS, OR EQUIPMENT, OR BY EXCESSIVE WEIGHTS AND LOADS.
- THE CONTRACTOR SHALL CONFINE HIS/HER OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMITS SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

SY	SQUARE YARDS
CY	CUBIC YARDS
- ALL WASTE MATERIAL SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY AT THE CONTRACTORS EXPENSE AND AS DIRECTED BY THE ENGINEER.
- A QUANTITY FOR AGGREGATE SURFACE COURSE TYPE B (TONS) HAS BEEN INCLUDED TO BE USED AS NEEDED FOR THE PURPOSE OF TEMPORARY TRENCH SURFACE AND OTHER SIMILAR USES THROUGHOUT THE DURATION OF THE PROJECT AT ENGINEER'S APPROVAL.

UTILITY REQUIREMENTS

- THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE OWNER AND THE INDICATED ADJUSTMENTS ARE CONSIDERED TO BE REASONABLY ACCURATE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE CITY, ITS OFFICERS, AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLE 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ALL EXISTING PUBLIC AND MUNICIPAL OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY OWNED INVOLVED UNLESS OTHERWISE NOTED. WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENT ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY THE SAID UTILITY ADJUSTMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E., OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - * AMEREN CIPS - ELECTRIC/GAS (800) 755-5000
 - * MEDIACOM- TELEVISION (822) 633-4226
 - * IL CONSOLIDATED TELEPHONE - CABLE/TELEPHONE/INTERNET (844) 968-7224
 - * COMPUTER TECHNIQUES, INC - INTERNET (217) 824-6398
 - * CITY OF TAYLORVILLE - WATER/SEWER (217) 824-2101
 - * TAYLORVILLE SANITARY DISTRICT - SEWER (217) 824-6833
- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. MEMBERS OF J.U.L.I.E. (800-892-0113 OR 811) ARE INDICATED BY AN "X". NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

TRAFFIC CONTROL NOTES

- ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT AND ON THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE AND 48" x 48" IN SIZE.
- FLAGGERS SHALL BE PRESENT DURING THE CLOSURE OF ANY ADJACENT TRAFFIC LANES.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF SIXTEEN SANDBAGS PER BARRICADE.

COMMITMENTS

- COMMITMENT FOR THIS PROJECT ARE AS FOLLOWS:
 - * NONE

MIXTURE REQUIREMENTS

ROUTE	W. MAIN CROSS ST. (FAU 7878)
SECTION	20-00065-00-RS
COUNTY	CHRISTIAN
CONTRACT	93841

DESCRIPTION:	RECONSTRUCTION OF W. MAIN CROSS ST. FROM SILVER ST. TO APPROX. 175' EAST OF CLAY ST.
--------------	--------------------------------------------------------------------------------------

ADT (2025)	2400
PV%	98
MU%	1
SU%	1

MIXTURE USE	SURFACE COURSE	BINDER COURSE	INCIDENTAL	PATCH
AC/PG	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ Ndes 50	4.0% @ Ndes 50	4.0% @ Ndes 50	4.0% @ Ndes 50
MIX COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0	IL 9.5	IL 9.5
FRICTION AGG	MIXTURE "C"	N/A	MIXTURE "C"	MIXTURE "C"
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA	QC/QA

APPLICATION RATES:

SEEDING, CLASS 1 = 60 LB/ACRE
 NITROGEN FERTILIZER NUTRIENTS = 90 LB/ACRE
 PHOSPHORUS FERTILIZER NUTRIENTS = 90 LB/ACRE
 POTASSIUM FERTILIZER NUTRIENTS = 90 LB/ACRE
 MULCH, METHOD 2 = 2 TONS/ACRE

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

ALL HOT-MIX ASPHALT..... 112 LB/SQ YD/INCH
 BITUMINOUS MATERIALS (TACK COAT)
 ON MILLED PAVEMENTS..... 0.05 LB/SQ FT
 BETWEEN HMA LIFTS..... 0.025 LB/SQ FT
 BITUMINOUS MATERIALS (PRIME COAT)..... 0.25 LB/SQ FT
 ALL AGGREGATE..... 2.05 TON/CU YD

MODEL: General_Notes [Sheet]
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD_Sheets\02-03-shr-geomnote.dgn



USER NAME = sferimore	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES WEST MAIN CROSS ROADWAY IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	2
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

WATER MAIN CONSTRUCTION NOTES

- PROPOSED WATER MAIN SHALL HAVE A MINIMUM OF 54" COVER.
- PIPE MATERIAL SHALL BE (AS APPLICABLE): POLYVINYL CHLORIDE (P.V.C.) PIPE SHALL CONFORM TO THE LATEST ASTM D1784 STANDARDS FOR PVC, C-900, DR-18, PC235 W/PUSH-ON JOINTS (ASTM D3139); C-900, DR-18, PC235 RESTRAINED JOINTS (ASTM D3139), AND GASKETS MEETING ASTM F477.
- WATER MAIN INSTALLATION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, LATEST EDITION".
- ALL FITTINGS SHALL BE DUCTILE IRON COMPACT, MECHANICAL JOINT FOR BURIED MAIN W/STAINLESS STEEL HARDWARE AND HAVE A CEMENT MORTAR LINING AND BITUMINOUS COAT MEETING THE APPLICABLE STANDARDS LISTED:
- AWWA C104, C110, C111, & C153 AND ANSI A21.40, A21.10, A21.11, & A21.53.
- ALL FITTINGS SHALL HAVE RETAINER GLANDS . THE RETAINER GLANDS SHALL BE FURNISHED IN LIEU OF STANDARD GLANDS, AND SHALL BE CONSIDERED INCIDENTAL TO THE FITTINGS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- BOTH RETAINER GLANDS AND THRUST BLOCKS WILL BE USED ON FITTINGS. ALL THRUST BLOCKS SHALL BE PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH SEC. 41 OF THE STANDARD SPECIFICATIONS. SEE PLANS.
- ALL SERVICE LINE TUBING SHALL BE 3/4" DIA., TYPE 'K' COPPER UNLESS OTHERWISE NOTED.
- ALL TAPS FOR SERVICES SHALL BE MADE THROUGH THE SADDLE IN MAIN UNLESS OTHERWISE NOTED. TAPS SHALL BE A MINIMUM OF TWENTY-FOUR INCHES (24") APART AND A MINIMUM OF TWENTY-FOUR INCHES (24") FROM ANY JOINTS.
- SERVICE SADDLE SHALL BE A WIDE BAND SINGLE STRAP SADDLE, BRONZE, MUELLER, FORD OR EQUIVALENT SIZED FOR THE TYPE OF MAIN BEING USED.
- WATER SERVICE RECONNECTIONS TO AN EXISTING WATER SERVICE MAY REQUIRE TRANSITION FITTINGS WHICH WILL BE CONSIDERED PART OF THE BID COST FOR THAT ITEM
- COMPACTION OF EARTH/GRANULAR BACKFILL SHALL BE BY METHOD 1 (RAMMING OR TAMPING), OR 3 (CLSM) OF SECTION 20-4.06 OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, LATEST EDITION". APPLICABLE METHOD USED SHALL BE THAT AS INDICATED ON INDIVIDUAL PLAN SHEETS AND THE CONTRACT DOCUMENTS.
- FIRE HYDRANTS SHALL CONFORM TO THE AWWA STANDARD C502 AND MEET THE SPECIFICATION OF THE OWNER.
FOR 6" HYDRANTS - 3-WAY, 5/8" VALVES.
- PRESSURE TEST SHALL BE IN ACCORDANCE WITH SECTION 41-2.14 OF STANDARD SPECIFICATIONS, OR A 100 PSI MINIMUM TEST, WHICHEVER PRESSURE IS LARGER.
- WATER SHALL BE FURNISHED BY THE MUNICIPALITY, BUT THE CONTRACTOR SHALL METER AND RECORD DAILY USAGE. THE MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY WATER BEING USED FROM WATER MAINS. NO VALVES OF OTHER CONTROLS ON THE EXISTING SYSTEM SHALL BE OPERATED BY CONTRACTOR WITHOUT PRIOR AUTHORIZATION FROM RESPONSIBLE MUNICIPALITY OFFICIAL.
- DISINFECTION SHALL BE IN ACCORDANCE WITH SECTION 41-2.15 OF STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY BEFORE MOVING ANY OBSTACLE WITHIN THE WATER MAIN ALIGNMENT AND LIMITS. THE CONTRACTOR SHALL ALSO ASSUME ALL COSTS AND RESPONSIBILITY FOR ANY DAMAGES INCURRED DURING CONSTRUCTION.
- DAMAGE TO PROPERTY, STRUCTURES AND PAVEMENT OUTSIDE OF THE SPECIFIED CONSTRUCTION AREA SHALL BE RESTORED TO ORIGINAL CONDITION. COST OF RESTORATION SHALL BE INCIDENTAL TO THE COST OF THE WATER MAIN.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO PAVEMENT SURFACES THAT ADJOIN THE CONSTRUCTION SITE BUT ARE NOT A PART THEREOF. COST OF LABOR, MATERIALS AND EQUIPMENT TO REPAIR THIS DAMAGE IS INCIDENTAL TO THE COST OF THE WATER MAIN.
- ALL STREET AND ROAD CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", CURRENT EDITION.
- PRIOR TO CLOSING ANY STREET, THE CONTRACTOR SHALL NOTIFY AND OBTAIN THE APPROVAL OF THE CITY OF TAYLORVILLE AT LEAST FIVE (5) DAYS IN ADVANCE OF THE STARTING OF THE WORK, UNLESS OTHERWISE APPROVED BY THE CITY OF TAYLORVILLE.
- ANY SEWER OR WATER SERVICES BROKEN, MUST BE REPAIRED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ILLINOIS DEPARTMENT OF PUBLIC HEALTH, THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, AND THE ILLINOIS STATE PLUMBING CODE.
- CONTRACTOR SHALL VERIFY ALL EXISTING WATER MAIN MATERIALS AND SIZES PRIOR TO ORDERING.
- THE CONTRACTOR SHALL REMOVE AND REPLACE ALL STREET SIGNS, MAIL BOXES, ADVERTISING SIGNS, POLES, FOOTINGS, ETC. AS NEEDED, OR AS DIRECTED BY THE ENGINEER. COST TO BE INCIDENTAL TO THE COST OF THE WATER MAIN.
- EXTRA DEPTH SHOWN IN SOME AREAS ALONG THE PROPOSED WATER MAIN ROUTE IS REQUIRED TO OBTAIN THE REQUIRED GRADIENT BETWEEN UTILITIES, CULVERTS, & DITCHES. EXTRA DEPTH REQUIRED FOR THE WATER MAIN INSTALLATION INCLUDING ANY EXTRA FITTINGS NOT NOTED ON THE PLANS, SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE WATER MAIN.
- ABANDONMENT OF EXISTING WATER SERVICE AT THE LOCATIONS AS SHOWN ON THE DRAWINGS, SHALL BE AS FOLLOWS: THE CONTRACTOR SHALL DISCONNECT THE SHUT-OFF VALVE FROM THE METER YOKE AND TURN IT TO THE OFF POSITION AND BURY IT IN PLACE. THIS SHALL BE COMPLETED ONLY AFTER CONSTRUCTION OF THE WATER MAIN, AND AFTER SERVICES HAVE BEEN COMPLETED, AND RECEIPT OF AN OPERATING PERMIT. INCLUDED IN THIS BID ITEM IS LABOR, EQUIPMENT, ETC. AND ANY STREET MATERIALS TO COMPLETE THIS INSTALLATION.

WATER MAIN CONSTRUCTION NOTES cont'd

- CONTRACTOR SHALL TAKE EVERY MEASURE TO PREVENT UNNECESSARY TREE AND BRUSH DISTURBANCE ALONG THE ROUTE OF THE WATER MAIN. IF ANY TRIMMING IS FELT NECESSARY, THE CONTRACTOR SHALL CONTACT THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO ANY WORK OF THIS TYPE. TRIMMING OF ANY TREES SHALL BE ACCOMPLISHED WITH A CHAINSAW & SHALL BE KEPT TO A MINIMUM; WITH JUST THE REQUIRED ROOM FOR A BACKHOE TO INSTALL THE WATER MAIN. IN SOME CASES TO SAVE A TREE WITHIN THE WATER MAIN ALIGNMENT, THE CONTRACTOR WILL BE REQUIRED TO HORIZONTAL DIRECTIONAL DRILL UNDER THE ROOT SYSTEM AT THE REQUIRED GRADE FOR THE WATER MAIN AS INDICATED ON THE PLANS. HORIZONTAL DIRECTIONAL DRILL IN THESE LOCATIONS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE WATER MAIN INSTALLATION.
- CONTRACTOR SHALL VERIFY DIAMETER OF EXISTING WATER MAIN PRIOR TO CONNECTION IN AREAS REQUIRING LINE STOPS, TAPS AND OTHER CONNECTIONS TO EXISTING WATER MAINS. COST OF VERIFICATION SHALL BE INCLUDED IN THE BID PRICE FOR THAT INDIVIDUAL ITEM OF WORK.
- IF ANY TRANSITION COUPLINGS/SOLID SLEEVES ARE REQUIRED FOR ANY CONNECTIONS TO EXISTING WATER MAIN, THEY SHALL BE A D.I. M.J. LONG BARREL SLEEVE WITH RETAINER GLANDS.
- CONTRACTOR SHALL COMPLY WITH THE TERMS AND CONDITIONS OF ALL APPLICABLE PERMITS.
- FOR EXISTING VALVE IN PAVEMENT AREA ABANDONMENT, CONTRACTOR SHALL EXCAVATE & REMOVE APPROX. 2' SQUARE AREA OF PAVEMENT & SAW CUT 6" VERTICAL PORTION OF THE BOX & REMOVE. THEN CONCRETE FILL THE REMAINING BOX. VALVE ANDHYDRANT REMOVAL/ABANDONMENT SHALL BE INCIDENTAL TO THE WATER MAIN INSTALLATION. SURFACE REPLACEMENT REQUIRED TO RESTORE TO ORIGINAL CONDITION SHALL BE PAID FOR AT THE SURFACE REPLACEMENT BID ITEM.
- CASING UNDER/OVER STORM OR SANITARY SEWER SHALL BE WATER QUALITY PIPE (SIZE AS SPECIFIED ON PLANS). CASING SHALL BE USED TO ENCASE THE PROPOSED WATER MAIN & BE SEALED AT BOTH ENDS WITH CASING END SEALS.
- CONTRACTOR SHALL POTHOLE & VERIFY ALL UTILITY CROSSINGS PRIOR TO CROSSING.

GENERAL CONSTRUCTION NOTES:

- THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCY IMMEDIATELY.
- ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO SIMILAR CONDITIONS ELSEWHERE.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND ACTUAL FIELD CONDITIONS.
- ALL ITEMS NOT DIRECTLY COVERED IN THE PLANS AND SPECIFICATIONS SHALL BE GOVERNED BY "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION BY IDOT, AND/OR "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", LATEST EDITION.
- CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES INSTALLED FOR EACH BID ITEM AT THE UNIT BID PRICE FOR THAT ITEM.
- AREAS OF SIDEWALK DAMAGED BY THE CONTRACTOR, NOT DESIGNATED TO BE REMOVED, SHALL BE REPLACED AS PER "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" LATEST EDITION BY IDOT, FOR THE AREA DAMAGED AT THE WIDTH OF THE EXISTING SIDEWALK AND FOR A LENGTH DETERMINED BY THE OWNER OR OWNERS REPRESENTATIVE. MINIMUM LENGTH OF REPLACEMENT FOR ANY DAMAGED SIDEWALKS SHALL BE THREE FEET. ADJACENT SIDEWALK SHALL BE SAWCUT TO FORM A CLEAN EDGE PRIOR TO PLACING CONCRETE. THIS WORK & MATERIAL SHALL BE CONSIDERED INCIDENTAL.
- IN STRUCTURAL AREAS (WHERE STRUCTURES DERIVE SOME OR ALL SUPPORT FROM FILL - SUPPORTED FOUNDATIONS), FILL SHOULD BE COMPACTED TO 98% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698). THESE AREAS INCLUDE ALL FILL BELOW FOUNDATION ELEMENTS WITHIN AN AREA EXTENDING 5 FT. HORIZONTALLY BEYOND THE LIMITS OF THE FOUNDATION.
- PROJECT CONSTRUCTION SHALL NOT ONLY COMPLY WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, LATEST EDITION.", BUT ALL REFERENCED ORGANIZATIONS/AGENCIES OUTLINED WITHIN THE SPECIFICATIONS.
- ANY GRASS AREAS DISTURBED OUTSIDE OF THE CONSTRUCTION AREA BY THE CONTRACTOR DURING CONSTRUCTION OF THE PROJECT SHALL BE RE-SEEDED AS PER IDOT STANDARDS AND SHALL BE CONSIDERED INCIDENTAL.
- CONTRACTOR SHALL NOT UTILIZE PRIVATE PROPERTY FOR STORAGE AREAS, ACCESS AREA, OR ANY OTHER FORM RELATED TO CONSTRUCTION OF THE PROJECT UNLESS A WRITTEN AGREEMENT IS MADE BETWEEN THE CONTRACTOR AND THE PROPERTY OWNER. THE CITY SHALL BE INFORMED OF ALL SUCH AGREEMENTS.
- ALL DITCHES ALONG THE PROPOSED WATER MAIN ROUTE THAT ARE DISTURBED SHALL BE RESHAPED TO ALLOW WATER TO PROPERLY DRAIN.
- IF ANY SEWER MAINS ARE DISTURBED DURING CONSTRUCTION REPLACEMENT OF SEWER MAINS SHALL BE WITH WATER MAIN QUALITY PIPE. SEWER MAINS SHALL MATCH EXISTING ELEVATIONS AND GRADES.
- ALL UTILITIES AND SERVICES SHALL BE HYDRO-VAC EXCAVATED PRIOR TO CROSSING THE FACILITY PERPENDICULAR BY MEANS OF HORIZONTAL DIRECTIONAL DRILLING OR AUGER BORING. FACILITIES SHALL ALSO BE HYDRO VAC EXCAVATED IF PARALLELING THE FACILITY WITHIN TWO (2) FEET, WITH DIRECTIONAL DRILLING OR OPEN EXCAVATION.

ABBREVIATIONS

CUBIC YARD	C.Y.
LINEAL FEET	L.F.
SQUARE YARD	S.Y.
TRENCH BACKFILL	T.B.
TEMPORARY TRENCH SURFACE	T.T.S.
BITUMINOUS PAVEMENT COLD PATCH	B.P.
FERTILIZING & SEEDING	F & S
BENCH MARK	B.M.
SQUARE FEET	S.F.
PCC PAVEMENT	PCCP
FLOWABLE BACKFILL	F.B.
HOT-MIX ASPHALT SURFACE	HOT-MIX
TEMPORARY EASEMENT	T.E.
PERMANANT EASEMENT	P.E.
COURSE, MIX "C", N50	ASP.
DUCTILE IRON PIPE	D.I.P.
POLYVINYL CHLORIDE	P.V.C.
BITUMINOUS MATERIAL (PRIME) [A-2 SURF]	BIT. MAT. PR.
BITUMINOUS MATERIAL (COVER & SEAL) [A-2 SURF]	BIT. MAT. C & S
COVER & SEAL AGGREGATE [A-2 SURF]	C & S AGG.
CONTROLLED LOW-STRENGTH MATERIAL	C.L.S.M.
PREPARATION OF BASE	P.O.B.
PROPERTY LINE	PL
PAVEMENT	PVMT.
FLOW LINE	FL
POLYETHYLENE TUBING	PE
STORM DRAIN (STORM SEWER LATERAL)	SD
DRAINAGE/VENT PIPE (IL. PLUMBING CODE)	DWV
CENTERLINE	CL

QUANTITIES ARE SHOWN FOR CONTRACTOR'S CONVENIENCE FOR BIDDING ASSISTANCE. CONTRACTOR SHALL VERIFY ALL QUANTITIES IN ORDER TO COMPLETE THE WORK AS SHOWN IN THE PLANS AND SPECIFICATIONS.

THE LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE CITY AND ENGINEER, PRIOR TO PROCEEDING WITH TRENCH EXCAVATION THE CONTRACTOR SHALL CONTACT J.U.L.I.E AT 1-800-892-0123 AND THE CITY AT (217) 438-6151

EXISTING	LEGEND	PROPOSED
	GAS VALVE	
	INLET	
	CATCH BASIN	
	MANHOLE	
	FIRE HYDRANT	
	WATER VALVE	
	WATER METER	
	CURB VALVE & BOX	
	FENCE	
	GUY WIRE	
	POST	
	UTILITY POLE	
	POWER POLE W/LIGHT	
	STREET LIGHT	
	SIGN	
	UTILITY STRUCTURE	
	MAILBOX	
	TREE	
	SHRUBS	
	HOUSE or TRAILER	
	GARAGE or BARN	
	SANITARY SEWER	
	SAN. SEWER SERVICE CONNECTION	
	STORM SEWER	
	SANITARY FORCE MAIN	
	WATER MAIN	
	WATER MAIN [BORED]	
	WATER MAIN IN CASING [BORED]	
	WATER MAIN IN CASING	
	WATER SERVICE LINE [TRENCHED]	
	BLOCK/PLUG	
	LINE STOP	
	GAS MAIN	
	UNDERGROUND FIBER OPTIC	
	UNDERGROUND TELEPHONE CABLE	
	UNDERGROUND ELECTRICAL	
	UNDERGROUND CABLE T.V.	
	AERIAL TELEPHONE	
	AERIAL ELECTRICAL	
	AERIAL CABLE TV	
	R.O.W. LINE / CONSTRUCTION ACCESS LIMITS	
	SEWER SERVICE CONNECTION/LATERAL	
	PAVEMENT REMOVAL/REPLACEMENT	
	PERMANENT EASEMENT	
	TEMPORARY EASEMENT	
	CLEANOUT	
	HORIZONTAL BORE PIT	

UTILITIES

- AMEREN ILLINOIS - ELECTRIC
- AMEREN ILLINOIS - GAS
- NEW WAVE COMMUNICATIONS - CATV
- IL CONSOLIDATED TELEPHONE - TELEPHONE
- COMPUTER TECHNIQUES, INC. - TELEPHONE/CABLE TV
- CITY OF TAYLORVILLE - WATER/SEWER
- IDOT - TRAFFIC CONTROL ELECTRIC (CONTRACTOR RESPONSIBLE FOR MARKING)

MODEL: GN-2 (Sheet) FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec. (20-0065-00-RS)\CADD Sheets\02-03-shh-genmote.dgn

BA BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS (LAND SURVEYORS)
1075 WEST LAURETTE AVE.
JACKSONVILLE, IL 62550
PHONE: (217) 264-1188 FAX: (217) 264-1189
IL DESIGN FIRM REGISTRATION NO. 194-000852

USER NAME = rshaw	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES - WATERMAIN NOTES WEST MAIN CROSS ROADWAY IMPROVEMENTS

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

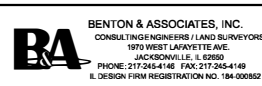
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-0065-00-RS	CHRISTIAN	77	3
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				FEDERAL MFT/LOCAL ROADWAY	FEDERAL MFT/LOCAL SAFETY	FEDERAL MFT/LOCAL UTILITY
				0004 URBAN	0021 URBAN	0043 URBAN
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	88	88		
20200100	EARTH EXCAVATION	CU YD	666	666		
20800150	TRENCH BACKFILL	CU YD	2966			2966
25000100	SEEDING, CLASS 1	ACRE	0.75		0.75	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	70		70	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	70		70	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	70		70	
25100115	MULCH, METHOD 2	ACRE	0.75		0.75	
28000510	INLET FILTERS	EACH	36			36
35101400	AGGREGATE BASE COURSE, TYPE B	TON	4941	4941		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	100	100		
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	24402	24402		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4880	4880		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	2855	2855		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				FEDERAL MFT/LOCAL ROADWAY	FEDERAL MFT/LOCAL SAFETY	FEDERAL MFT/LOCAL UTILITY
				0004 URBAN	0021 URBAN	0043 URBAN
40600990	TEMPORARY RAMP	SQ YD	256	256		
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1822	1822		
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	1215	1215		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	13	13		
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	632	632		
42400800	DETECTABLE WARNINGS	SQ FT	368		368	
44000100	PAVEMENT REMOVAL	SQ YD	10915	10915		
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	582	582		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5630	5630		
44201705	CLASS D PATCHES, TYPE II, 5 INCH	SQ YD	28	28		
44201711	CLASS D PATCHES, TYPE IV, 5 INCH	SQ YD	66	66		
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	357			357
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	FOOT	1115			1115
550A2340	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	FOOT	436			436

* SPECIALTY ITEM

MODEL: SOQ (Sheet)
FILE NAME: P:\18E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\04-06-sh-SOQ.dgn



BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS (LAND SURVEYORS) 1870 WEST LAVERGNE AVE JACKSONVILLE, IL 62950 PHONE: 217-265-4148 FAX: 217-265-4149 E. DESIGN FIRM REGISTRATION NO. 184-000882	USER NAME = gsturjeon	DESIGNED - RDS	REVISED -
		DRAWN - GJS	REVISED -
		CHECKED - WJS	REVISED -
	PLOT DATE = 7/17/2025	DATE - JUNE 2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
787B	20-00065-00-RS	CHRISTIAN	77	4
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				FEDERAL MFT/LOCAL ROADWAY	FEDERAL MFT/LOCAL SAFETY	FEDERAL MFT/LOCAL UTILITY
				0004 URBAN	0021 URBAN	0043 URBAN
55100100	STORM SEWER REMOVAL 4"	FOOT	43			43
55100200	STORM SEWER REMOVAL 6"	FOOT	220			220
55100300	STORM SEWER REMOVAL 8"	FOOT	1221			1221
55100500	STORM SEWER REMOVAL 12"	FOOT	116			116
* 56100600	WATER MAIN 6"	FOOT	3036			3036
* 56100700	WATER MAIN 8"	FOOT	313			313
* 56104900	WATER VALVES 6"	EACH	10			10
* 56105000	WATER VALVES 8"	EACH	4			4
* 56108710	TAPPING VALVES AND SLEEVES 4"	EACH	2			2
* 56200200	WATER SERVICE LINE 3/4"	FOOT	1977			1977
* 56200700	WATER SERVICE LINE 2"	FOOT	40			40
* 56201800	CORPORATION STOPS 2"	EACH	1			1
* 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	4			4
* 56400600	FIRE HYDRANTS	EACH	7			7

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				FEDERAL MFT/LOCAL ROADWAY	FEDERAL MFT/LOCAL SAFETY	FEDERAL MFT/LOCAL UTILITY
				0004 URBAN	0021 URBAN	0043 URBAN
56500500	DOMESTIC METER VAULTS	EACH	67			67
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	12			12
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1			1
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	8			8
60236825	INLETS, TYPE A, TYPE 11V FRAME AND GRATE	EACH	23			23
60240312	INLETS, TYPE B, TYPE 11V FRAME AND GRATE	EACH	5			5
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	3			3
60500040	REMOVING MANHOLES	EACH	8			8
60500060	REMOVING INLETS	EACH	22			22
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	5708	5708		
67100100	MOBILIZATION	L SUM	1	0.5	0.25	0.25
70300100	SHORT TERM PAVEMENT MARKING	FOOT	543	543		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	91	91		
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	368	368		

* SPECIALTY ITEM

MODEL: SOQ-1 [Sheet]
FILE NAME: P:\18E332\FAU 7878 (West Main Cross) Sec (20-00085-00-RS)\CADD Sheets\04-06-shi-SOQ.dgn



USER NAME = gsturjeon	DESIGNED - RDS	REVISED - ####
	DRAWN - GJS	REVISED - ####
	CHECKED - WJS	REVISED - ####
PLOT DATE = 7/17/2025	DATE - JUNE 2025	REVISED - ####

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
787B	20-00085-00-RS	CHRISTIAN	77	5
			CONTRACT NO. 93841	
ILLINOIS FED. AID PROJECT				

MODEL: SOC-2 [Sheet]
 FILE NAME: P:\19E332\FAU 7878 (West Main Cross) Sec (20-0065-00-RS)\CADD Sheets\04-06-shi-SOC.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				FEDERAL MFT/LOCAL ROADWAY	FEDERAL MFT/LOCAL SAFETY	FEDERAL MFT/LOCAL UTILITY
				0004 URBAN	0021 URBAN	0043 URBAN
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	486	486		
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	225	225		
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	91	91		
* X0324636	WATER VALVE BOXES TO BE ABANDONED	EACH	5			5
* X1200230	PRESSURE TESTING AND DISINFECTION	L SUM	1			1
* X1200246	WATERMAIN CASING PIPE	FOOT	333			333
X2600022	REMOVE, STORE AND RE-ERECT SIGN PANEL ASSEMBLY (SPECIAL)	EACH	23	23		
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SPECIAL)	SQ FT	21067		21067	
X4240440	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH (SPECIAL)	SQ FT	2780		2780	
X4404700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	19609		19609	
X5510011	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	4			4
* X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	4561			4561
* X5610644	PLUG WATER MAIN 4"	EACH	3			3
* X5610647	PLUG WATER MAIN 8"	EACH	4			4

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				FEDERAL MFT/LOCAL ROADWAY	FEDERAL MFT/LOCAL SAFETY	FEDERAL MFT/LOCAL UTILITY
				0004 URBAN	0021 URBAN	0043 URBAN
* X5610744	WATER MAIN LINE STOP 4"	EACH	3			3
* X5610748	WATER MAIN LINE STOP 8"	EACH	4			4
* X5610806	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	67			67
* X5620040	WATER SERVICE CONNECTION 2"	EACH	1			1
* X5620106	WATER SERVICE RECONNECTIONS	EACH	67			67
X6025604	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	EACH	3	3		
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.5	0.25	0.25
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.5	0.25	0.25
Z0056646	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 10"	FOOT	179			179
# Z0076600	TRAINEES	HOURL	2,000			
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	526			526
# Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	2,000			
Z0062002	SAW CUTTING, (FULL DEPTH)	FOOT	409	409		

0042

*SPECIALTY ITEM

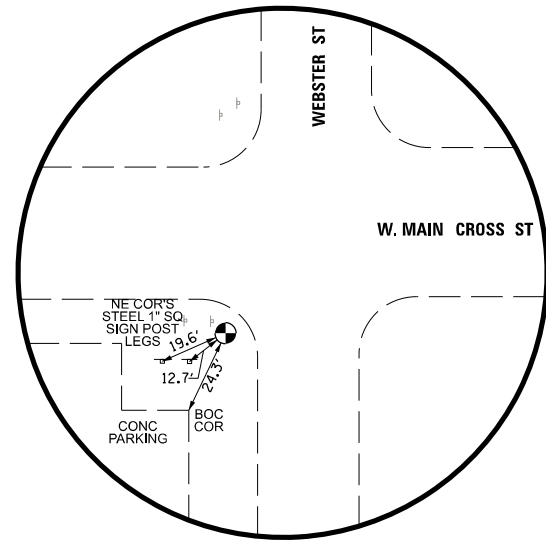
USER NAME = gsturjeon	DESIGNED - RDS	REVISED -
	DRAWN - GJS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 7/17/2025	DATE - JUNE 2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

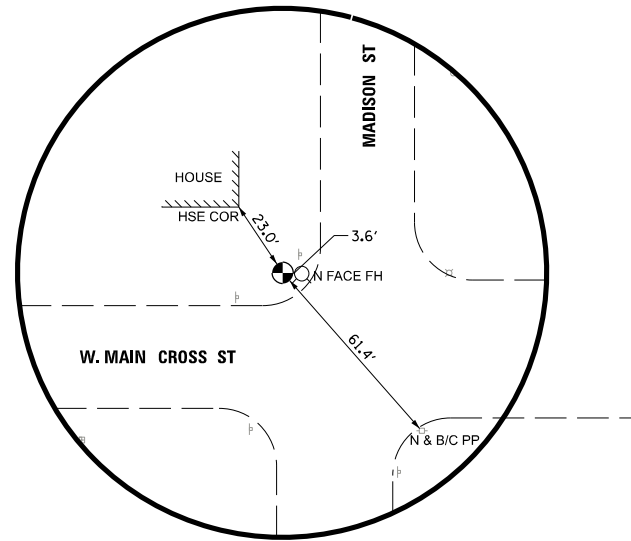
**SUMMARY OF QUANTITIES
 WEST MAIN CROSS ROADWAY IMPROVEMENTS**

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

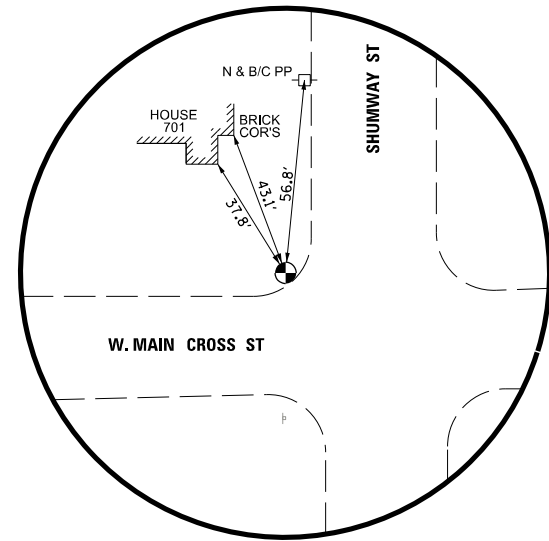
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-0065-00-RS	CHRISTIAN	77	6
			CONTRACT NO. 93841	
ILLINOIS FED. AID PROJECT				



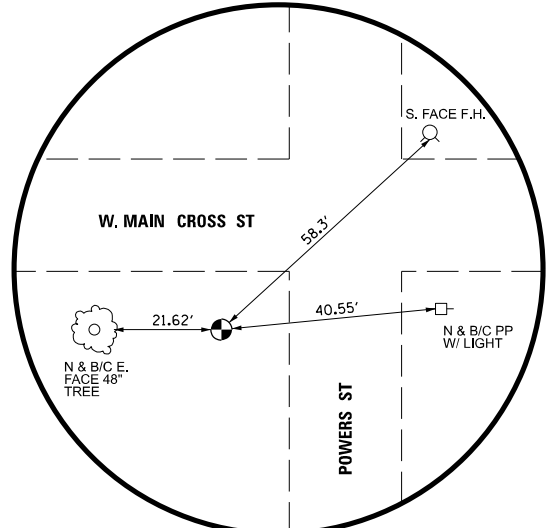
CONTROL POINT #1
SET MAG NAIL
 N: 1050865.107
 E: 2541660.049



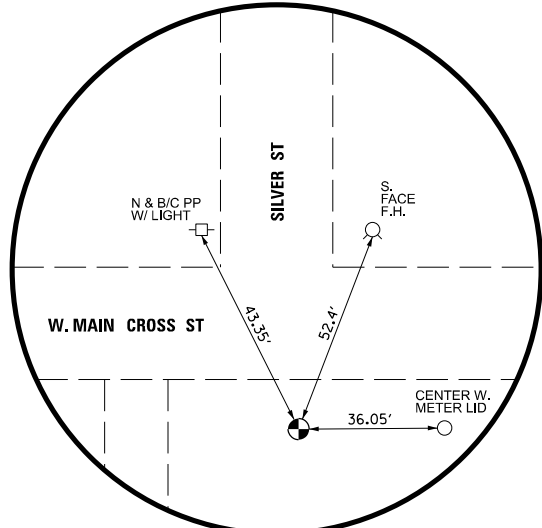
CONTROL POINT #2
SET IRON ROD
 N: 1050910.518
 E: 2540972.386



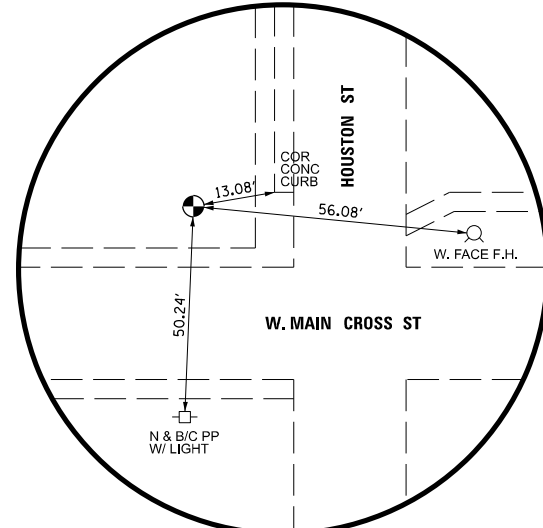
CONTROL POINT #3
SET IRON ROD
 N: 1050899.869
 E: 2540353.508



CONTROL POINT #11
SET IRON ROD
 N: 1050949.699
 E: 2543721.371



CONTROL POINT #12
SET IRON ROD
 N: 1050900.394
 E: 2543433.169



CONTROL POINT #13
SET IRON ROD
 N: 1050938.635
 E: 2542731.800

BENCHMARKS

BM#3341-5
 CHISELED "□" TOP EAST SIDE CONCRETE SIGN BASE FOR "BP" GAS STATION AT NORTHWEST CORNER OF EAST MAIN CROSS ST AND WEBSTER STREET.
 ELEVATION: 620.13

BM#3341-6
 CHISELED "□" SOUTHEAST CORNER OF CONCRETE SIGN BASE FOR "MILLING MILLWORK CONTRACTING, INC." ± 100' WEST OF NORTHWEST CORNER OF WEST MAIN CROSS STREET AND CLAY STREET
 ELEVATION: 617.94

BM#3341-7
 CHISELED "*" ON TOP OF EAST FLANGE BOLT OF FIRE HYDRANT AT NORTHWEST CORNER OF WEST MAIN CROSS STREET AND MADISON STREET
 ELEVATION: 618.20

BM#3341-8
 "M" IN MUELLER ON TOP FLANGE OF FIRE HYDRANT AT NORTHEAST CORNER OF WEST MAIN CROSS STREET AND SHUMWAY STREET
 ELEVATION: 616.71

BM#3341-9
 CHISELED SQUARE ON TOP OF CONCRETE BOTTOM STEP OF HOUSE AT #723 AT NORTHEAST CORNER OF WEST MAIN CROSS STREET AND MORTON STREET
 ELEVATION: 613.84

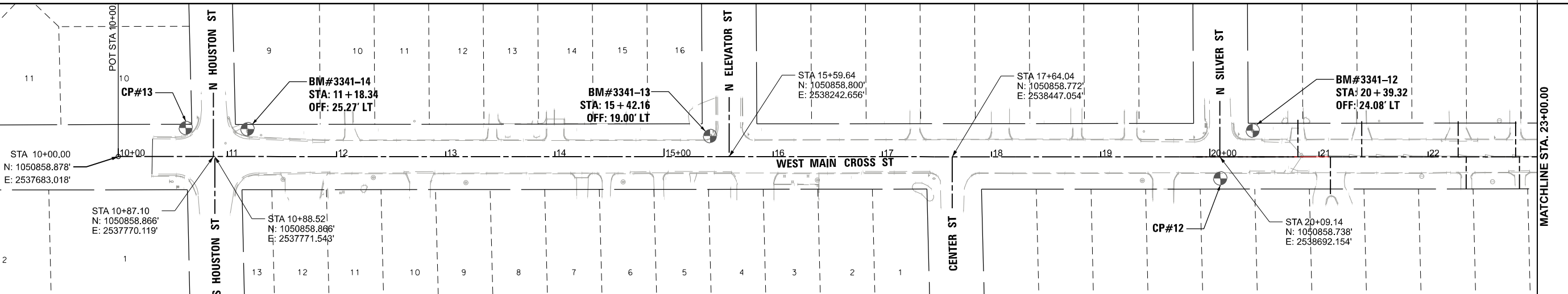
BM#3341-10
 "M" IN MUELLER ON TOP FLANGE OF FIRE HYDRANT AT NORTHEAST CORNER OF WEST MAIN CROSS STREET AND POWERS STREET
 ELEVATION: 614.13

BM#3341-11
 RR SPIKE IN PP WITH LIGHT AT NORTHEAST CORNER OF WEST MAIN CROSS STREET AND CHENEY STREET
 ELEVATION: 612.13

BM#3341-12
 "M" IN MUELLER ON TOP FLANGE OF FIRE HYDRANT AT NORTHEAST CORNER OF WEST MAIN CROSS STREET AND SILVER STREET
 ELEVATION: 612.81

BM#3341-13
 RR SPIKE IN PP WITH LIGHT AT NORTHWEST CORNER OF WEST MAIN CROSS STREET AND ELEVATOR STREET
 ELEVATION: 615.99

BM#3341-14
 CHISELED "*" ON TOP OF NORTH FLANGE BOLT OF FIRE HYDRANT AT NORTHEAST CORNER OF WEST MAIN CROSS STREET AND HOUSTON STREET
 ELEVATION: 620.56



MODEL: Control, Ties, and Benchmarks (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\07-08-D6787878-ctrl and BM.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1075 WEST LAURETTE AVE.
 JACKSONVILLE, IL 62250
 PHONE: 217-264-1180 FAX: 217-264-1189
 IL DESIGN FIRM REGISTRATION NO. 184-000852

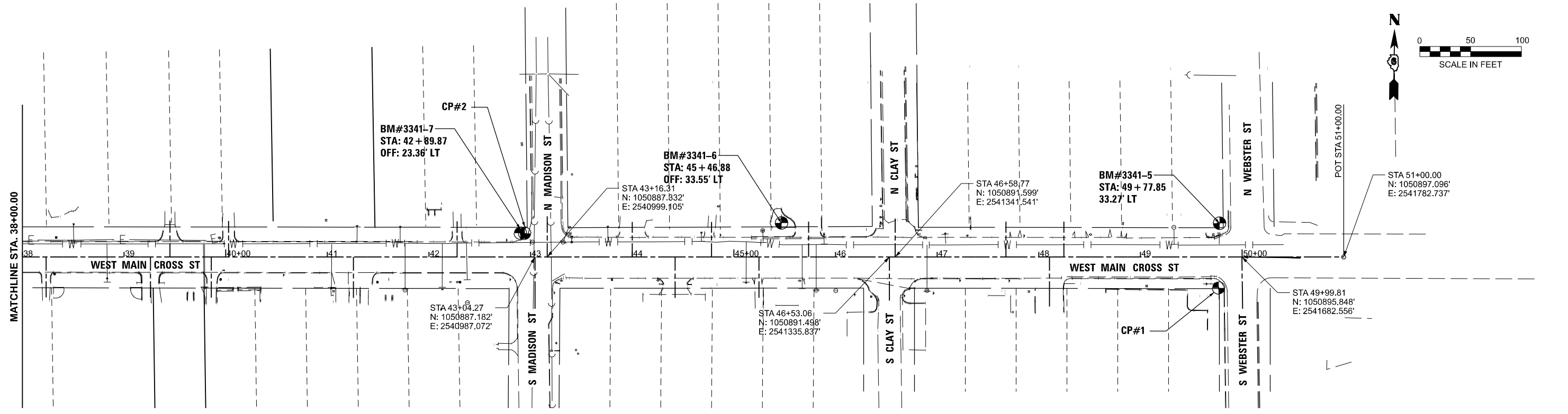
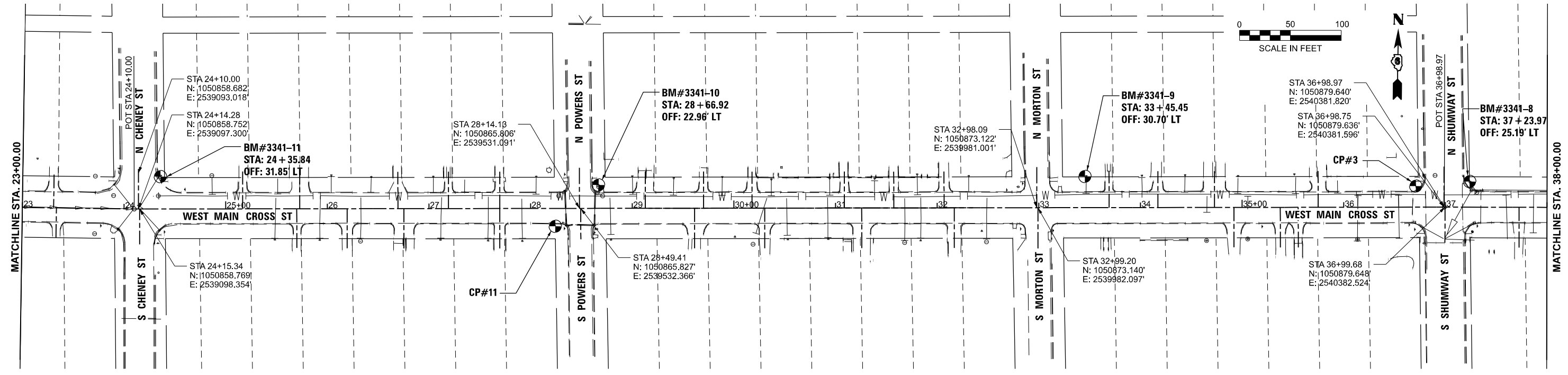
USER NAME = rshaw	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
WEST MAIN CROSS ROADWAY IMPROVEMENTS

SCALE: SHEET 1 OF 2 SHEETS STA. 10+00.00 TO STA. 23+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	7
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



MODEL: Control and BM-Plan 1 - Control and BM-Plan 1 (Sheet)
 FILE NAME: P:\18E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\07-08-D67878-shl-Control and BM.dgn



USER NAME = knlchois	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

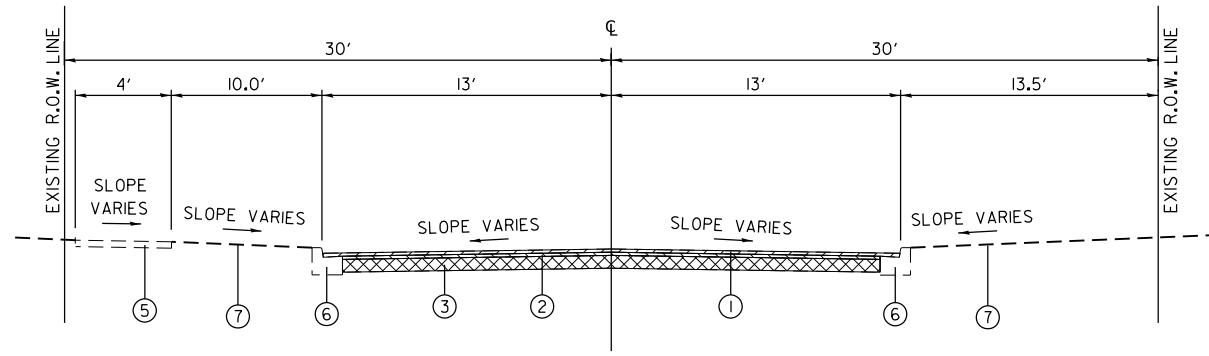
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS
WEST MAIN CROSS ROADWAY IMPROVEMENTS

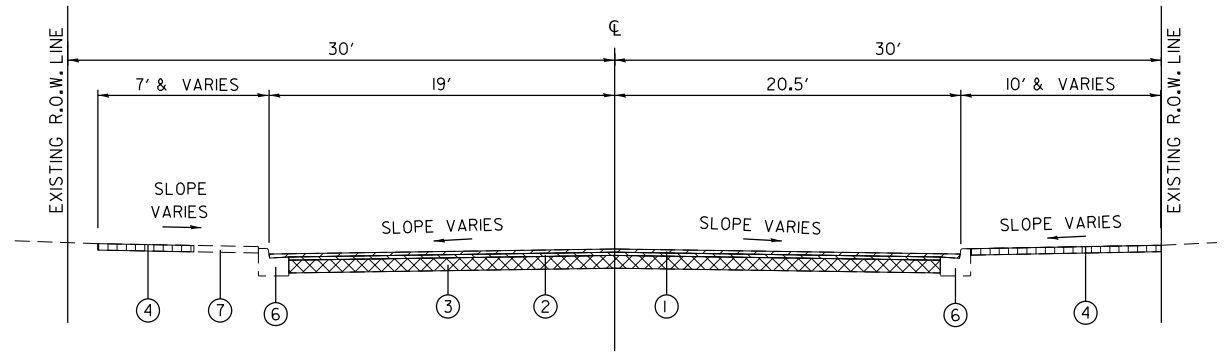
SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 23+00.00 TO STA. 51+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	8
CONTRACT NO. 93841				

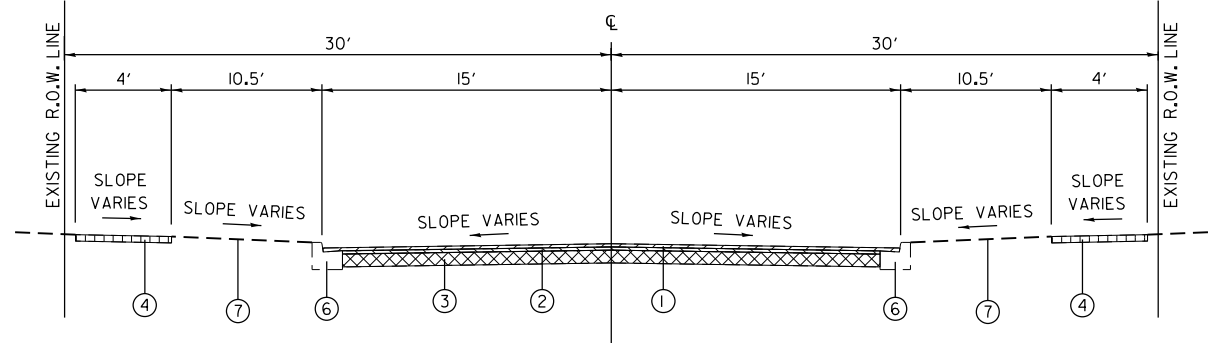
ILLINOIS FED. AID PROJECT



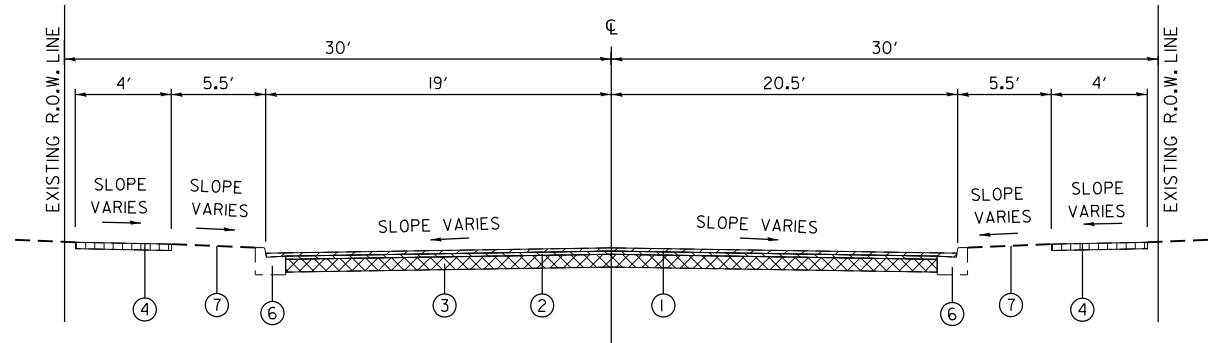
WEST MAIN CROSS (FAU ROUTE 7878)
SILVER ST. TO CHENEY ST.
(EXCEPT INTERSECTIONS AND TRANSITIONS)



WEST MAIN CROSS (FAU ROUTE 7878)
CLAY ST. TO STATION 48+33.51
(EXCEPT INTERSECTIONS AND TRANSITIONS)



WEST MAIN CROSS (FAU ROUTE 7878)
CHENEY ST. TO MADISON ST.
(EXCEPT INTERSECTIONS AND TRANSITIONS)



WEST MAIN CROSS (FAU ROUTE 7878)
MADISON ST. TO CLAY ST.
(EXCEPT INTERSECTIONS AND TRANSITIONS)

- ① EXISTING HOT-MIX-ASPHALT 3" (TO BE REMOVED)
- ② EXISTING BRICK PAVEMENT 4" (TO BE REMOVED)
- ③ EXISTING CONCRETE, 5" (TO BE REMOVED)
- ④ EXISTING SIDEWALK (TO BE REMOVED) (SEE PLANS)
- ⑤ EXISTING SIDEWALK
- ⑥ EXISTING B-6.12 CONCRETE CURB & GUTTER (TBR) (SEE PLANS)
- ⑦ EXISTING GRASS AREA
- ⑧ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" (2% MAX CROSS SLOPE) (SEE PLANS)
- ⑨ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- ⑩ PROPOSED GRASS AREA
- ⑪ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "C", N50 (2" THICK)
- ⑫ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N50 (3" THICK)
- ⑬ PROPOSED AGGREGATE BASE COURSE, TYPE A (8" THICK)
- ⑭ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑮ PROPOSED FINE AGGREGATE SUBBASE, TYP B (2" THICK) (SEE PLANS)
(COST TO BE INCLUDED IN PCC SIDEWALK)

MODEL: EX_TYP_SECTIONS (Sheet) | FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\09-shr-existing typical sections.dgn

BA BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS (LAND SURVEYORS)
1075 WEST LAUREL STREET
JACKSONVILLE, IL 62250
PHONE: 217-265-4188 FAX: 217-265-4189
IL DESIGN FIRM REGISTRATION NO. 184-000852

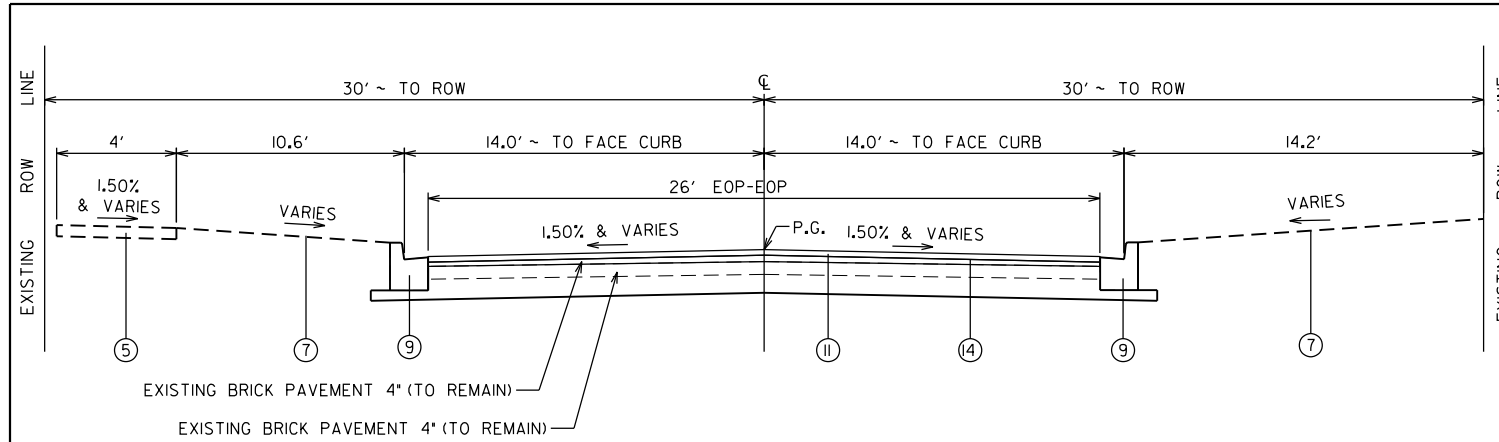
USER NAME = rshaw	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

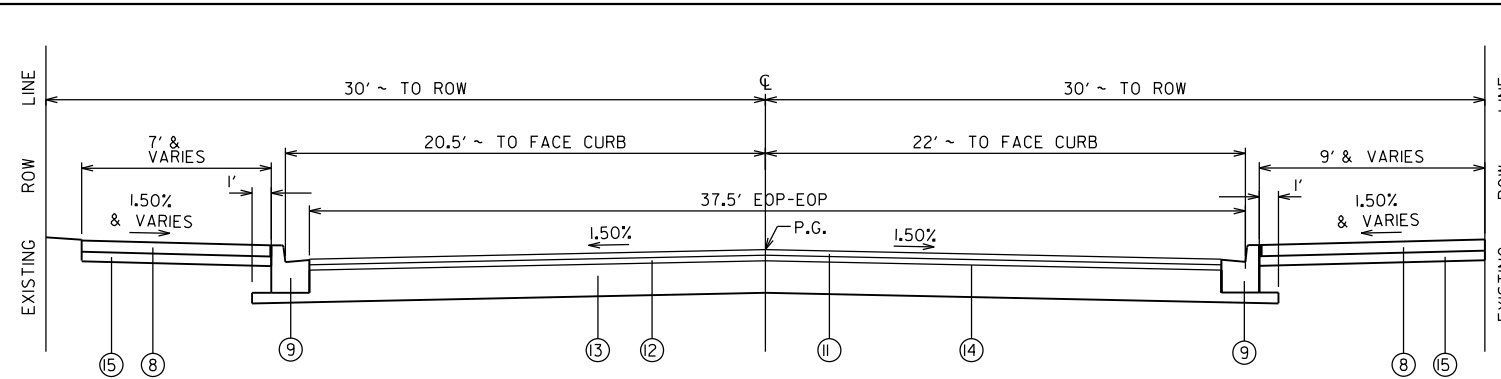
**EXISTING TYPICAL SECTIONS
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

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

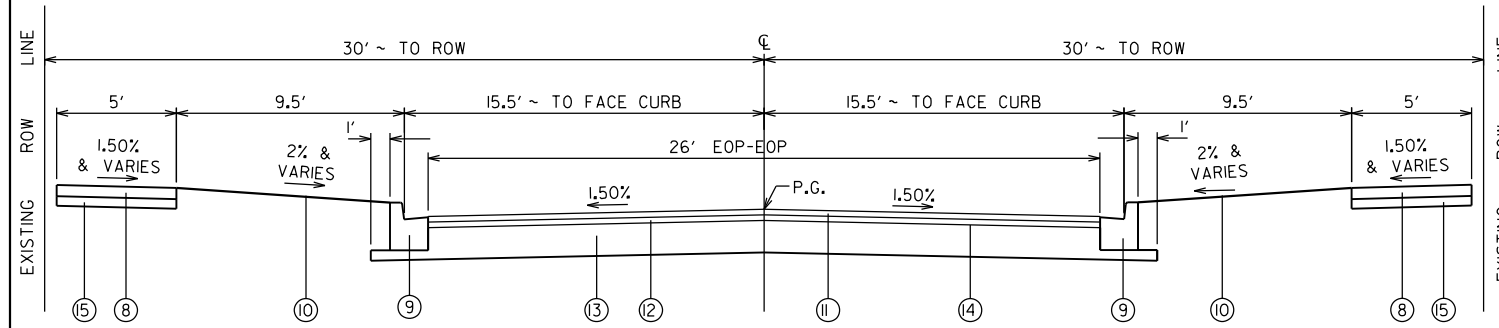
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	9
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



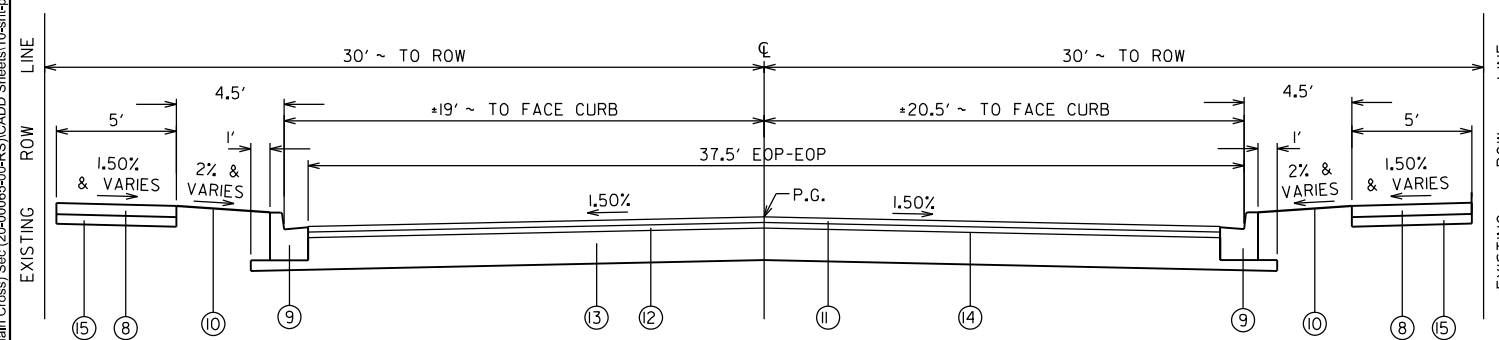
WEST MAIN CROSS (FAU ROUTE 7878)
SILVER ST TO CHENEY ST.
(EXCEPT INTERSECTIONS AND TRANSITIONS)



WEST MAIN CROSS (FAU ROUTE 7878)
CLAY ST. TO STATION 48+33.51
(EXCEPT INTERSECTIONS AND TRANSITIONS)



WEST MAIN CROSS (FAU ROUTE 7878)
CHENEY ST. TO MADISON ST.
(EXCEPT INTERSECTIONS AND TRANSITIONS)



WEST MAIN CROSS (FAU ROUTE 7878)
MADISON ST. TO CLAY ST.
(EXCEPT INTERSECTIONS AND TRANSITIONS)

- ① EXISTING HOT-MIX-ASPHALT 3" (TO BE REMOVED)
- ② EXISTING BRICK PAVEMENT 4" (TO BE REMOVED)
- ③ EXISTING CONCRETE, 5" (TO BE REMOVED)
- ④ EXISTING SIDEWALK (TO BE REMOVED) (SEE PLANS)
- ⑤ EXISTING SIDEWALK
- ⑥ EXISTING B-6.I2 CONCRETE CURB & GUTTER (TBR) (SEE PLANS)
- ⑦ EXISTING GRASS AREA
- ⑧ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 4" (2% MAX CROSS SLOPE) (SEE PLANS)
- ⑨ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.I2
- ⑩ PROPOSED GRASS AREA
- ⑪ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "C", N50 (2" THICK)
- ⑫ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N50 (3" THICK)
- ⑬ PROPOSED AGGREGATE BASE COURSE, TYPE B (8" THICK)
- ⑭ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑮ PROPOSED COARSE AGGREGATE SUBBASE, TYP B (2" THICK) (SEE PLANS)
(COST TO BE INCLUDED IN PCC SIDEWALK, SPECIAL)

MODEL: PR_TYP_SECTIONS (Sheet) Sec (20-00065-00-RS) (CADD Sheets) 10-shr-proposed typical sections.dgn
FILE NAME: P:\19E3342\FAU 7878 (West Main Cross)



USER NAME = rshaw	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	10
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

HMA PAVING SCHEDULE														
LOCATION			BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	AGGREGATE BASE COURSE, TYPE B	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TEMPORARY RAMP	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	CLASS D PATCHES, TYPE II, 5 INCH	CLASS D PATCHES, TYPE IV, 5 INCH	AGGREGATE SURFACE COURSE, TYPE B*
STA.	TO	STA.	(POUND)	(POUND)	(TON)	(TON)	(SQ YD)	(SQ YD)	(FOOT)	(TON)	(SQ YD)	(SQ YD)	(TON)	
19+78.32	TO	20+32.39	465.2	93.0	94.2	34.7	23.2	15.1	90.3	3.4				
20+32.39	TO	23+75.00	2227.0	445.4	450.9	166.3	110.9		685.2					
23+75.00	TO	24+50.01	945.0	189.0	191.3	70.6	47.0	45.1	120.8		24.0			
24+50.01	TO	28+25.01	2812.5	562.5	569.4	210.0	140.0		750.0	3.5				
28+25.01	TO	28+70.01	560.3	112.1	113.4	41.8	27.9	31.7	105.9					
28+70.01	TO	32+75.01	3037.5	607.5	615.0	226.8	151.2		810.0					
32+75.01	TO	33+20.10	626.8	125.4	126.9	46.8	31.2	33.5	107.1					
33+20.10	TO	36+61.19	2558.2	511.6	518.0	191.0	127.3		682.2					
36+61.19	TO	37+35.01	952.7	190.5	192.9	71.1	47.4	53.5	143.5					
37+35.01	TO	42+70.01	4012.5	802.5	812.4	299.6	199.7		1070.0					
42+70.01	TO	43+40.01	1104.9	221.0	223.7	82.5	55.0	45.3	144.9	4.9	4.4			
43+40.01	TO	46+20.01	2765.0	553.0	559.8	206.5	137.6		560.0					
46+20.01	TO	46+90.01	916.7	183.3	185.6	68.4	45.6	31.4	151.1	1.1				
46+90.01	TO	50+00.00	1417.2	283.4	286.9	105.8	70.5		287.0			65.8		
SUBTOTAL			24401.5	4880.2	4940.5	1822.0	1214.6	255.6	631.9	5708.0	12.9	28.5	65.8	100.0
TOTAL			24402	4880	4941	1822	1215	256	632	5708	13	28	66	100

*NOTE - AGGREGATE SURFACE COURSE, TYPE B TO BE USED AT ENGINEER'S APPROVAL

SIDEWALK SCHEDULE					
LOCATION			PORTLAND CEMENT SIDEWALK 4 INCH (SPECIAL) (SQ FT)	PORTLAND CEMENT SIDEWALK 6 INCH (SPECIAL) (SQ FT)	DETECTABLE WARNINGS (SQ FT)
STA.	TO	STA.	(SQ FT)	(SQ FT)	(SQ FT)
NE W MAIN ST & SILVER ST			82.0		10.0
NW W MAIN ST & SILVER ST			47.3		10.0
20+32.39	TO	23+75.00			
NW W MAIN ST & CHENEY ST			138.4		10.0
NE W MAIN ST & CHENEY ST			135.3		20.0
SW W MAIN ST & CHENEY ST			67.7		10.0
24+50.01	TO	28+25.01	3236.0	510	
NW W MAIN ST & POWERS ST			82.2		10
NE W MAIN ST & POWERS ST			163.2		20
SE W MAIN ST & POWERS ST			112.8		20
SW W MAIN ST & POWERS ST			58.0		10
28+70.01	TO	32+75.01	3409.4	580	
NW W MAIN ST & MORTON ST			158.1		20
NE W MAIN ST & MORTON ST			48.2		10
SE W MAIN ST & MORTON ST			34.9		10
SW W MAIN ST & MORTON ST			127.5		20
33+20.10	TO	36+61.19	3001.1	430	
NW W MAIN ST & SHUMWAY ST			167.1		20
NE W MAIN ST & SHUMWAY ST			77.5		10
SE W MAIN ST & SHUMWAY ST			133.5		10
SW W MAIN ST & SHUMWAY ST			204.8		20
37+35.01	TO	42+70.01	4849.7	560	
NW W MAIN ST & MADISON ST			236.2		20
NE W MAIN ST & MADISON ST			106.1		10
SE W MAIN ST & MADISON ST			78.7		10
SW W MAIN ST & MADISON ST			174.4		20
43+40.01	TO	46+20.01	2366.9	460	
NW W MAIN ST & CLAY ST			152.6		20
NE W MAIN ST & CLAY ST			171.7		17
SE W MAIN ST & CLAY ST			208.6		11
SW W MAIN ST & CLAY ST			161.9		20
46+90.01	TO	48+41.70	1075.0	240	
SUBTOTAL			21066.56	2780.47	367.75
TOTAL			21067	2780	368

REMOVAL SCHEDULE						
LOCATION			PAVEMENT REMOVAL (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	SIDEWALK REMOVAL (SPECIAL) (SQ FT)
STA.	TO	STA.	(SQ YD)	(SQ YD)	(FOOT)	(SQ FT)
19+78.32	TO	20+32.39	216.4		100.7	111.595
20+32.39	TO	23+75.00	989.8		685.2	
23+75.00	TO	24+50.01	447.6		103.6	263.405
24+50.01	TO	28+25.01	1250.0	127.9	750.0	2817.9
28+25.01	TO	28+70.01	247.4		106.3	281.6
28+70.01	TO	32+75.01	1350.0	135.0	810.0	3128.7
32+75.01	TO	33+20.10	265.3		91.5	381.0
33+20.10	TO	36+61.19	1137.0	97.4	682.2	2659.6
36+61.19	TO	37+35.01	449.4		133	462
37+35.01	TO	42+70.01	1783.3	135.5	1070.0	4226
42+70.01	TO	43+40.01	444.6		137.3	527
43+40.01	TO	46+20.01	1228.9	53.0	560.0	2194
46+20.01	TO	46+90.01	475.4		113.7	372
46+90.01	TO	50+00.00	629.8	33.7	287.0	2184
SUBTOTAL			10914.83	582.48	5630.36	19608.79
TOTAL			10915	582	5630	19609

EARTHWORK SCHEDULE						
LOCATION			1 EARTH EXCAVATION (CU YD)	2 SUITABLE EXCAVATION ADJUSTED FOR (CU YD)	3 EMBANKMENT (CU YD)	4 EARTHWORK BALANCE WASTE(+) OR (CU YD)
STA.	TO	STA.	(CU YD)	(CU YD)	(CU YD)	(CU YD)
19+78.32	TO	50+00.00	666	533	0	533
TOTAL			666	533	0	533

SHRINKAGE FACTOR : 20%
EARTH EXCAVATION:
COLUMN 1, 2, 3, 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS
CUT = EARTH EXCAVATION, FILL = EMBANKMENT
COLUMN 2 = COLUMN 1 x (EARTH EXCAVATION SHRINKAGE FACTOR)
COLUMN 4 = COLUMN 2 - 3

*SEE SPECIAL PROVISIONS. EARTH EXAVATION REQUIRED FOR SIDEWALK AND PAVEMENT IMPROVEMENTS INCLUDED

SIGN SCHEDULE					
LOCATION			REMOVE, STORE AND RE-ERECT SIGN PANEL ASSEMBLY (EACH)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	COMMENTS
STA.	SIDE	OFFSET	(EACH)	(FOOT)	
20+26.48	LT	20.77	1.0	15.0	STREET SIGN
22+61.06	LT	17.81	1.0	15.0	SNOW ROUTE
23+94.73	LT	39.58	1.0	16.5	RELOCATE, STOP SIGN
24+39.89	RT	22.62	1.0	15.0	STREET SIGN
24+59.80	LT	19.17	1.0	16.5	STOP SIGN
28+33.47	RT	19.73	1.0	15.0	STREET SIGN
28+33.76	LT	33.45	1.0	16.5	STOP SIGN
28+63.08	RT	23.86	1.0	16.5	RELOCATE, STOP SIGN
28+63.68	RT	20.19	1.0	16.5	SNOW ROUTE/SLOW CHILDREN AT PLAY
32+68.71	LT	17.48	1.0	16.5	SNOW ROUTE/SLOW CHILDREN AT PLAY
32+82.22	RT	20.79	1.0	15.0	STREET SIGN
32+84.27	LT	23.85	1.0	16.5	RELOCATE, STOP SIGN
33+14.29	RT	22.57	1.0	16.5	RELOCATE, STOP SIGN
35+19.95	RT	18.82	1.0	15.0	SNOW ROUTE
36+64.64	RT	17.39	1.0	16.5	RELOCATE, STOP SIGN
36+70.00	RT	25.94	1.0	15.0	STREET SIGN
36+78.40	LT	31.46	1.0	16.5	RELOCATE, STOP SIGN
37+19.86	RT	33.97	1.0	16.5	RELOCATE, STOP SIGN
37+31.68	RT	18.46	1.0	16.5	SNOW ROUTE/SLOW CHILDREN AT PLAY
37+36.90	LT	16.82	1.0	16.5	STOP SIGN
40+57.21	RT	17.76	1.0	15.0	SNOW ROUTE
42+76.62	LT	16.59	1.0	16.5	RELOCATE, SNOW ROUTE/SLOW CHILDREN AT PLAY
42+80.13	RT	22.12	1.0	15.0	RELOCATE, STREET SIGN
42+95.24	LT	28.93	1.0	16.5	RELOCATE, YIELD SIGN
43+23.38	RT	35.22	1.0	16.5	YIELD SIGN
44+86.90	LT	21.63	1.0	15.0	SNOW ROUTE
46+43.99	LT	30.50	1.0	15.0	STREET SIGN
46+44.44	LT	33.93	1.0	16.5	STOP SIGN
46+67.88	RT	38.15	1.0	16.5	STOP SIGN
47+22.56	RT	23.12	1.0	15.0	NO PARKING
47+71.16	RT	23.36	1.0	16.5	SNOW ROUTE/ NO PARKING
47+85.80	LT	20.75	1.0	16.5	SNOW ROUTE/ NO PARKING
SUBTOTAL			23.0	367.5	
TOTAL			23	368	

PAVEMENT MARKING SCHEDULE							
LOCATION			PAINT PAVEMENT MARKING - LINE 6" SOLID WHITE (FOOT)	PAINT PAVEMENT MARKING - LINE 24" SOLID WHITE (FOOT)	PAVEMENT MARKING REMOVAL - WATER BLASTING (SQ FT)	SHORT TERM PAVEMENT MARKING (2 APPLICATIONS) (FOOT)	SHORT TERM PAVEMENT MARKING REMOVAL (FOOT)
STA.	TO	STA.	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(FOOT)
19+78.32	TO	49+65.00	486.1	224.5	90.5	543	90.5
SUBTOTAL			486.1	224.5	90.5	543.0	90.5
TOTAL			486	225	91	543	91

SAW CUTTING SCHEDULE		
LOCATION		SAW CUTTING (FULL DEPTH) (FOOT)
STA.	SIDE	(FOOT)
19+78.32	-	26.9
20+09.14	LT	20.4
24+14.28	LT	32.9
24+15.34	RT	28.0
28+48.13	LT	21.3
28+49.41	RT	21.5
32+98.10	LT	21.7
32+99.20	RT	23.5
36+98.75	LT	36.1
36+99.69	RT	36.0
43+04.27	RT	33.9
43+16.31	LT	27.2
46+53.06	RT	21.1
46+58.77	LT	21.3
48+33.52	-	37.5
SUBTOTAL		409.3
TOTAL		409

TREE REMOVAL SCHEDULE			
LOCATION			TREE REMOVAL (OVER 15 UNIT DIA) (UNIT)
STA.	SIDE	OFFSET	(UNIT)
28+77.52	LT	21.29	26.0
28+96.77	LT	21.54	26.0
29+88.24	RT	20.55	24.0
30+66.21	RT	20.94	24.0
32+00.36	RT	20.92	32.0
32+60.14	RT	20.31	20.0
41+80.70	LT	20.40	36.0
SUBTOTAL			88.0
TOTAL			88

LONGITUDINAL JOINT SEALANT SCHEDULE			
STA.	TO	STA.	(FOOT)
19+78.32	TO	48+33.52	2855.20
SUBTOTAL			2855.2
TOTAL			2855

MODEL - Schedules (Sheet)
FILE NAME: P:\19E332\FAU 7878 (West Main Cross) Sec. (20-0065-00-RS)\CADD Sheets\11-14-shr-Schedules.dgn



USER NAME = gsturjeon	DESIGNED - RDS	REVISED -
	DRAWN - GJS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-0065-00-RS	CHRISTIAN	77	11
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

SEEDING SCHEDULE							
LOCATION			SEEDING, CLASS 1	NIRTOGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2
STA.	TO	STA.	(ACRE)	(POUND)	(POUND)	(POUND)	(ACRE)
SILVER TO CHENEY - NORTH			0.01	1.1	1.1	1.1	0.01
CHENEY TO POWERS - NORTH			0.07	6.3	6.3	6.3	0.07
CHENEY TO POWERS - SOUTH			0.08	7.3	7.3	7.3	0.08
POWERS TO MORTON - NORTH			0.07	6.3	6.3	6.3	0.07
POWERS TO MORTON - SOUTH			0.07	6.3	6.3	6.3	0.07
MORTON TO SHUMWAY - NORTH			0.08	7.2	7.2	7.2	0.08
MORTON TO SHUMWAY - SOUTH			0.08	7.4	7.4	7.4	0.08
SHUMWAY TO MADISON - NORTH			0.08	7.2	7.2	7.2	0.08
SHUMWAY TO MADISON - SOUTH			0.15	13.5	13.5	13.5	0.15
MADISON TO CLAY - NORTH			0.03	2.3	2.3	2.3	0.03
MADISON TO CLAY - SOUTH			0.03	2.6	2.6	2.6	0.03
CLAY TO WEBSTER - NORTH			0.01	1.0	1.0	1.0	0.01
CLAY TO WEBSTER - SOUTH			0.01	1.0	1.0	1.0	0.01
SUBTOTAL			0.77	69.50	69.50	69.50	0.77
TOTAL			0.75	70	70	70	0.75

DRAINAGE REMOVAL SCHEDULE						
LOCATION			INLET REMOVAL	MANHOLE REMOVAL	FRAMES AND LIDS TO BE ADJUSTED	
STA.	SIDE	OFFSET	(EACH)	(EACH)	(EACH)	
20+72	LT	15.7	1			
20+74	RT	14.5	1			
20+85	LT	1.0		1		
23+95	RT	20.1	1			
23+95	LT	23.9	1			
24+10	LT	0.3		1		
24+15	LT	0.9		1		
24+34	LT	31.6	1			
24+35	RT	21.2	1			
28+34	LT	17.4	1			
28+35	RT	17.0	1			
28+43	RT	16.0		1		
28+63	RT	16.5	1			
28+64	LT	16.4	1			
36+70	RT	15.5	1			
36+99	RT	31.5		1		
37+26	LT	16.9	1			
37+29	RT	16.0	1			
39+98	RT	13.1	1			
39+98	LT	13.3	1			
42+88	RT	34.7	1			
43+15	LT	0.6			1	
43+16	RT	35.7			1	
43+20	LT	0.8			1	
43+34	RT	20.8	1			
43+34	RT	16.2		1		
43+40	LT	20.2	1			
43+40	LT	14.7		1		
46+42	RT	42.2	1			
46+52	RT	0.0		1		
46+66	RT	39.0	1			
46+88	LT	19.5	1			
46+95	RT	20.8	1			
TOTAL			22	8	3	

INLET SCHEDULE						
LOCATION			INLETS, TYPE A, TYPE 11 FRAME	INLETS, TYPE A, TYPE 11V	INLETS, TYPE B, TYPE 11V	INLET FILTERS
STA.	SIDE	OFFSET	(EACH)	(EACH)	(EACH)	(EACH)
19+95	LT	18.3		1		1
20+11	RT	14.5			1	1
20+26	LT	17.6		1		1
20+73	LT	15.7	1			1
20+73	RT	14.5	1			1
23+89	LT	21.9		1		1
23+94	RT	20.6			1	1
24+34	RT	17.6			1	1
24+36	LT	17.6		1		1
24+71	RT	14.5	1			1
24+72	LT	14.5	1			1
28+33	LT	17.6		1		1
28+34	RT	17.6			1	1
28+65	RT	17.6		1		1
30+43	LT	14.6	1			1
30+43	RT	14.6	1			1
32+83	RT	17.6		1		1
33+16	RT	17.6			1	1
36+43	LT	14.5	1			1
36+43	RT	14.8	1			1
36+76	LT	17.6		1		1
36+77	RT	17.6		1		1
37+21	LT	17.6		1		1
37+22	RT	17.6		1		1
39+57	RT	14.5		1		1
39+57	LT	14.5		1		1
42+85	RT	20.0		1		1
42+98	LT	17.5	1			1
43+34	RT	21.0		1		1
43+40	LT	20.2		1		1
46+36	RT	22.5		1		1
46+36	LT	19.5		1		1
46+41	RT	39.0		1		1
46+65	RT	39.0		1		1
46+77	RT	20.8		1		1
46+81	LT	19.5		1		1
TOTAL			8	23	5	36

STORM SEWER TRENCH BACKFILL										
PIPE #	TOP 1	TOP 2	AVE TOP	FLOWLINE 1	FLOWLINE 2	DEPTH	LENGTH	TABLE FACTOR	VOLUME (CU YD)	
STM-1	610.49	610.32	610.41	608.49	608.03	1.11	30.50	0.14	4.15	
STM-2	610.32	610.79	610.56	608.03	607.54	1.73	15.31	0.14	2.08	
STM-3	610.34	610.76	610.55	608.38	607.54	1.55	19.02	0.14	2.59	
STM-4	610.79	610.60	610.70	607.12	606.64	2.77	45.55	0.22	9.79	
STM-5	609.92	610.60	610.26	607.92	607.35	1.59	12.91	0.14	1.76	
STM-6	609.92	610.60	610.26	607.92	607.35	1.59	13.59	0.14	1.85	
STM-7	610.60	611.22	610.91	606.64	604.57	4.27	333.91	0.38	125.22	
STM-8	610.70	610.90	610.80	608.70	608.24	1.29	45.38	0.13	5.99	
STM-9	610.90	610.99	610.95	608.24	608.09	1.74	14.79	0.13	1.95	
STM-10	610.42	610.48	610.45	608.42	608.03	1.19	38.94	0.13	5.14	
STM-11	610.48	610.99	610.74	608.03	607.86	1.75	16.47	0.13	2.17	
STM-12	611.22	610.99	611.11	604.62	605.98	4.77	22.47	0.66	14.92	
STM-13	610.48	610.76	610.62	608.48	608.36	1.16	11.82	0.14	1.61	
STM-14	610.48	610.76	610.62	608.48	608.34	1.17	13.49	0.14	1.83	
STM-15	610.99	610.76	610.88	607.99	608.34	1.67	34.61	0.13	4.57	
STM-16	611.20	611.30	611.25	608.88	609.20	1.17	34.18	0.13	4.51	
STM-17	611.30	611.63	611.47	608.30	607.98	2.28	7.11	0.15	1.08	
STM-18	611.00	611.63	611.32	609.00	608.43	1.56	20.22	0.13	2.67	
STM-19	612.08	610.95	611.52	606.36	606.95	3.82	197.18	0.33	65.46	
STM-20	610.70	610.95	610.83	607.70	607.28	2.30	6.86	0.38	2.63	
STM-21	610.70	610.95	610.83	608.20	607.28	2.05	18.64	0.13	2.46	
STM-22	610.95	612.39	611.67	606.95	607.68	3.32	237.38	0.28	66.70	
STM-23	612.25	612.20	612.23	610.25	609.93	1.10	31.67	0.13	4.18	
STM-24	612.20	612.39	612.30	609.93	608.72	1.93	22.10	0.13	2.92	
STM-25	612.39	612.63	612.51	607.68	608.85	3.21	357.61	0.26	92.62	
STM-26	612.45	612.63	612.54	609.70	609.26	2.02	7.48	0.13	0.99	
STM-27	612.45	612.63	612.54	610.45	609.26	1.64	18.19	0.13	2.40	
STM-28	612.63	613.49	613.06	608.85	609.03	3.08	31.62	0.24	7.46	
STM-29	613.20	613.49	613.35	610.70	610.07	1.92	10.58	0.13	1.40	
STM-30	613.49	612.90	613.20	610.90	610.07	1.67	21.18	0.13	2.80	
STM-31	613.49	613.69	613.59	609.03	609.27	3.40	42.17	0.28	11.72	
STM-32	613.20	613.69	613.45	610.80	610.26	1.88	10.54	0.13	1.39	
STM-33	613.69	613.10	613.40	611.10	610.26	1.67	20.64	0.13	2.72	
STM-34	613.69	614.41	614.05	609.27	610.59	3.08	232.85	0.24	54.95	
STM-35	614.20	614.41	614.31	611.70	611.17	1.83	7.16	0.13	0.94	
STM-36	614.20	614.41	614.31	612.20	611.17	1.58	18.21	0.13	2.40	
STM-37	615.70	615.88	615.79	613.70	613.53	1.13	16.77	0.13	2.21	
STM-38	615.50	615.88	615.69	613.50	613.24	1.28	25.18	0.13	3.32	
STM-39	615.60	615.78	615.69	613.60	613.31	1.20	28.22	0.13	3.73	
STM-40	615.60	615.78	615.69	613.60	613.43	1.14	16.55	0.13	2.18	
STM-41	615.88	617.46	616.67	609.58	613.10	4.29	335.87	0.40	133.67	
STM-42	617.10	617.46	617.28	615.10	614.04	1.67	18.38	0.13	2.43	
STM-43	617.10	617.46	617.28	615.10	614.04	1.67	25.11	0.13	3.31	
STM-44	617.46	617.31	617.39	613.78	613.40	2.76	30.94	0.22	6.65	
STM-45	617.20	617.31	617.26	614.70	613.89	1.92	15.62	0.14	2.12	
STM-46	617.20	617.31	617.26	615.20	613.89	1.67	21.25	0.14	2.89	
STM-47	617.31	617.36	617.34	613.94	613.78	2.44	12.71	0.17	2.20	
STM-48	617.02	617.36	617.19	614.70	613.94	1.83	10.02	0.14	1.36	
STM-49	616.95	617.36	617.16	614.45	613.98	1.90	10.35	0.14	1.41	
SUBTOTAL									525	

STORM SEWER REMOVAL SCHEDULE						
LOCATION			STORM SEWER REMOVAL 4"	STORM SEWER REMOVAL 6"	STORM SEWER REMOVAL 8"	STORM SEWER REMOVAL 12"
STA.	TO	STA.	(FOOT)	(FOOT)	(FOOT)	(FOOT)
20+71.96	TO	20+84.63	18.1			
20+74.48	TO	20+84.63	17.2			
20+84.63	TO	24+14.97			323.0	
23+90.25	TO	24+09.65			29.3	
24+33.82	TO	24+14.97		34.7		
24+34.63	TO	24+14.97		28.4		
23+94.61	TO	24+14.97		24.0		
24+09.65	TO	24+14.97			3.4	
28+33.82	TO	28+36.20				33.73
28+36.20	TO	28+42.83				5.7
28+62.94	TO	28+63.70				32.3
28+42.83	TO	28+62.94				18.1
36+70.40	TO	36+99.09			31.6	
36+99.09	TO	37+25.66			53.9	
36+99.09	TO	37+27.79		31.5		
39+97.93	TO	39+98.39				10.2
39+97.93	TO	39+98.06				16.2
39+97.93	TO	43+15.01			316.1	
42+89.05	TO	43+14.98		26.0		
43+14.98	TO	43+33.60		25.1		
43+15.82	TO	43+40.44		24.5		
43+40.19	TO	43+40.44	4.2			
43+33.60	TO	43+33.75	3.3			
43+20.42	TO	46+52.17			336.2	
46+42.60	TO	4				

WATER MAIN SCHEDULE							
LOCATION				WATER MAIN 6 INCH (FEET)	WATER MAIN 8 INCH (FEET)	TRENCH BACKFILL (CU YD)	
STA.	OFFSET	TO	STA.	OFFSET			
19+82	9' RT	TO	19+82	16' LT	25.0		12.53
20+34	13' RT	TO	20+34	21' RT	8.0		4.34
19+82	9' RT	TO	24+04	10' RT	422.0		203.89
24+04	10' RT	TO	24+04	28' RT	18.0		9.16
24+04	30' RT	TO	24+04	34' RT		4.0	2.41
24+01	34' RT	TO	23+97	34' RT		4.0	2.41
24+01	34' RT	TO	24+24	33' RT		23.0	11.57
24+24	33' RT	TO	24+82	28' RT		58.0	28.44
24+82	28' RT	TO	24+82	12' RT		16.0	8.19
24+82	12' RT	TO	24+82	29' LT		41.0	20.24
24+82	29' LT	TO	24+24	34' LT		58.0	28.44
24+82	12' RT	TO	29+02	11' RT	420.0		349.43
29+02	14' RT	TO	29+02	23' RT	9.0		10.19
29+02	11' RT	TO	33+22	10' RT	420.0		293.86
33+22	13' RT	TO	33+22	23' RT	10.0		5.30
33+22	10' RT	TO	36+57	10' RT	335.0		219.58
36+57	10' RT	TO	36+57	23' RT	10.0		7.84
36+57	10' RT	TO	37+43	11' RT	86.0		61.99
37+43	11' RT	TO	37+43	26' LT	37.0		27.63
37+43	26' LT	TO	36+91	26' LT	52.0		37.79
37+43	11' RT	TO	42+77	11' RT	534.0		498.62
42+77	27' RT	TO	42+77	27' LT		54.0	62.48
42+77	27' LT	TO	43+06	27' LT		29.0	34.08
43+06	27' LT	TO	43+06	31' LT		4.0	5.68
43+06	31' LT	TO	43+12	31' LT		6.0	7.95
42+74	20' RT	TO	42+70	20' RT	4.0		5.68
42+77	27' RT	TO	42+93	27' RT		16.0	19.31
42+93	27' RT	TO	42+93	42' RT	15.0		18.18
42+93	42' RT	TO	43+13	42' RT	20.0		23.86
42+93	27' RT	TO	43+59	27' RT	66.0		64.39
43+59	27' RT	TO	43+59	15' RT	12.0		9.07
43+59	15' RT	TO	48+55	15' RT	496.0		325.04
48+50	18' RT	TO	48+50	28' RT	10.0		8.16
48+55	15' RT	TO	48+55	12' LT	27.0		13.50
SUBTOTAL					3036.0	313.0	2441
TOTAL					3036	313	2966*

NOTE - TOTAL TRENCH BACK FILL QUANTITY REFLECTS SUM OF WATER MAIN TRENCH BACKFILL & STORM SEWER TRENCH BACKFILL

HYDRANT SCHEDULE		
LOCATION	FIRE HYDRANTS TO BE REMOVED (EACH)	FIRE HYDRANTS (EACH)
20+34, 11' RT		1.0
20+35, 23' LT	1.0	
23+93, 34' RT		1.0
28+66, 22' LT	1.0	
29+02, 23' RT		1.0
33+22, 23' RT		1.0
36+57, 23' RT		1.0
37+24, 25' LT	1.0	
42+70, 20' RT		1.0
43+38, 28' LT	1.0	
48+50, 28' RT		1.0
SUBTOTAL		7.0
TOTAL		7

PLUG WATER MAIN SCHEDULE		
LOCATION	PLUG WATER MAIN 8 INCH (EACH)	PLUG WATER MAIN 4 INCH (EACH)
19+85, 16' LT		1.0
24+27, 32' LT	1.0	
24+27, 45' RT	1.0	
36+40, 15' LT		1.0
43+12, 27' LT	1.0	
43+13, 42' RT	1.0	
48+50, 12' LT		1.0
SUBTOTAL		3.0
TOTAL		3

PLUG WATER MAIN SCHEDULE		
LOCATION	LINE STOP 8 INCH (EACH)	LINE STOP 4 INCH (EACH)
19+51, 19' LT		1.0
24+28, 47' LT	1.0	
24+27, 30' RT	1.0	
36+40, 15' LT		1.0
43+12, 42' LT	1.0	
43+13, 52' RT	1.0	
48+72, 12' LT		1.0
SUBTOTAL		3.0
TOTAL		3

WATER MAIN CASING SCHEDULE			
LOCATION			WATER MAIN CASING, 6 INCH (FEET)
STA.	TO	STA.	
20+06, 8' RT	TO	20+28, 9' RT	22.0
20+62, 10' RT	TO	20+84, 10' RT	22.0
24+04, 8' RT	TO	24+04, 26' RT	22.0
28+24, 11' RT	TO	28+74, 11' RT	50.0
30+31, 11' RT	TO	30+54, 11' RT	23.0
32+72, 10' RT	TO	32+94, 10' RT	22.0
36+32, 10' RT	TO	36+54, 10' RT	22.0
36+66, 11' RT	TO	36+88, 11' RT	22.0
37+11, 11' RT	TO	37+34, 11' RT	23.0
37+43, 6' RT	TO	37+43, 16' LT	22.0
39+46, 11' RT	TO	39+68, 11' RT	22.0
46+28, 14' RT	TO	46+89, 14' RT	61.0
SUBTOTAL			333.0
TOTAL			333

TAPPING VALVE SCHEDULE		
LOCATION	TAPPING VALVES AND SLEEVES 4" (EACH)	
19+82, 16' LT	1.0	
36+90, 26' LT	1.0	
SUBTOTAL		2.0
TOTAL		2

WATER VALVE SCHEDULE						
LOCATION	WATER VALVE 6 INCH (EACH)	WATER VALVE 8 INCH (EACH)	WATER VALVE BOX TO BE ABANDONED (EACH)			
20+34, 13' RT	1.0					
23+91, 13' LT			1.0			
24+01, 34' RT	1.0					
24+24, 33' RT		1.0				
24+34, 13' LT			1.0			
24+86, 12' RT	1.0					
24+24, 34' LT		1.0				
28+66, 23' LT			1.0			
29+02, 14' RT	1.0					
33+22, 13' RT	1.0					
36+57, 13' RT	1.0					
37+24, 25' LT			1.0			
37+47, 11' RT	1.0					
42+66, 11' RT	1.0					
42+77, 7' RT		1.0				
42+74, 20' RT	1.0					
42+93, 31' RT		1.0				
43+38, 28' LT			1.0			
43+63, 15' RT	1.0					
48+50, 18' RT						
SUBTOTAL				10.0	4.0	5.0
TOTAL				10	4	5

DUCTILE FITTING SCHEDULE																								
LOCATION	8"X8"X8" TEE	8"X8"X6" TEE	8" PLUG	8"X6" CONC. REDUCER	8" 90	8"X12" SWIVEL X SWIVEL	6"X6"X6" TEE	6"X4" CONC. REDUCER	6" 90	6" 45	6" PLUG	6"X24" SWIVEL X SWIVEL												
19+82, 16' LT	90.0	79.0	25.0	94.0	64.0	126.0	66.0	56.0	49.0	39.0	18.0	125.0												
19+82, 9' RT							1.0	1.0			1.0													
20+34, 10' RT							1.0		1.0															
23+04, 10' RT																								
24+04, 30' RT	1.0																							
24+04, 28' RT				1.0																				
24+04, 34' RT		1.0	1.0																					
24+04, 30' RT						1.0																		
24+24, 29' RT	1.0																							
24+24, 36' RT					1.0																			
24+27, 36' RT					1.0	3.0																		
24+82, 28' RT					1.0																			
24+82, 12' RT		1.0																						
24+82, 29' LT					1.0																			
24+24, 32' LT					1.0																			
24+24, 38' LT	1.0		1.0			3.0																		
24+27, 38' LT					1.0																			
29+02, 11' RT							1.0					1.0												
33+22, 10' RT							1.0					1.0												
36+57, 10' RT							1.0					1.0												
37+43, 11' RT							1.0																	
37+43, 26' LT									1.0															
37+14, 26' LT							1.0				1.0													
36+94, 26' LT								1.0																
42+07, 11' RT										1.0														
42+15, 11' RT										1.0														
43+69, 11' RT										1.0														
43+82, 11' RT										1.0														
42+77, 11' RT		1.0																						
42+77, 27' LT					1.0																			
43+06, 27' LT					1.0																			
43+06, 31' LT		1.0	1.0																					
43+12, 31' LT					1.0																			
42+77, 20' RT			1.0									1.0												
42+77, 27' RT					1.0																			
42+93, 27' RT	1.0																							
42+95, 27' RT				1.0																				
42+93, 42' RT	1.0		1.0																					
43+13, 42' RT					1.0																			
43+59, 27' RT									1.0															
43+59, 15' RT									1.0															
48+50, 15' RT							1.0					1.0												
48+55, 15' RT							1.0				1.0													
48+55, 12' LT									1.0															
48+60, 12' LT								1.0																
SUBTOTAL FITTINGS													5.0	5.0	4.0	2.0	11.0	7.0	9.0	3.0	5.0	4.0	3.0	5.0
SUBTOTAL POUNDS													450	395	100	188	704	882	594	168	245	156	54	625

MODEL: SCHEDULE3 (Sheet) FILE NAME: P:\19E332\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\11-14-shr-Schedule3.dgn



USER NAME = gsturjeon
PLOT DATE = 6/10/2025

DESIGNED - RDS
DRAWN - GJS
CHECKED - WJS
DATE - JUNE 2025

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	13
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

WATER SERVICE SCHEDULE									
LOCATION			WATER SERVICE LINE 3/4 INCH	WATER SERVICE LINE 2 INCH	CORPORATION STOP 2 INCH	DOMESTIC METER VAULTS	PRESSURE CONNECTION TO EXISTING WATER MAIN	WATER SERVICE CONNECTION 2"	WATER SERVICE RECONNECTIONS
STA.	TO	STA.	(FEET)	(FEET)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
20+46, 10'RT	TO	20+46, 30'RT	20.0				1.0		1.0
		20+46, 22'RT				1.0			
20+51, 10'RT	TO	20+51, 26'LT	36.0				1.0		1.0
		20+52, 26'LT				1.0			
21+96, 10'RT	TO	21+96, 33'LT	43.0				1.0		1.0
		21+96, 22'LT				1.0			
22+62, 10'RT	TO	22+62, 30'RT	20.0				1.0		1.0
		22+62, 22'RT				1.0			
23+00.5, 10'RT	TO	23+00.5, 30'RT	20.0				1.0		1.0
		23+00.5, 20'RT				1.0			
23+02, 10'RT	TO	23+02, 34'LT	44.0				1.0		1.0
		23+02, 21'LT				1.0			
23+40, 10'RT	TO	23+40, 30'RT	20.0				1.0		1.0
		23+40, 20'RT				1.0			
23+74, 10'RT	TO	23+74, 33'LT	43.0				1.0		1.0
		23+74, 21'LT				1.0			
23+78, 10'RT	TO	23+78, 29'RT	19.0				1.0		1.0
		23+78, 20'RT				1.0			
24+80, 29'LT	TO	24+87, 36'LT	14.0				1.0		1.0
		24+80, 33'LT				1.0			
25+44, 12'RT	TO	25+44, 30'RT	18.0				1.0		1.0
		25+44, 30'RT				1.0			
25+49, 12'RT	TO	25+49, 30'LT	42.0				1.0		1.0
		25+49, 21'LT				1.0			
25+88, 12'RT	TO	25+88, 30'RT	18.0				1.0		1.0
		25+88, 22'RT				1.0			
26+01, 12'RT	TO	26+01, 30'LT	42.0				1.0		1.0
		26+01, 21'LT				1.0			
26+30, 12'RT	TO	26+30, 30'RT	18.0				1.0		1.0
		26+30, 22'RT				1.0			
26+40, 12'RT	TO	26+40, 30'LT	42.0				1.0		1.0
		26+40, 22'LT				1.0			
27+02, 12'RT	TO	27+02, 30'LT	42.0				1.0		1.0
		27+02, 21'LT				1.0			
27+17, 12'RT	TO	27+17, 30'RT	18.0				1.0		1.0
		27+17, 22'RT				1.0			
27+32, 12'RT	TO	27+32, 30'LT	42.0				1.0		1.0
		27+32, 21'LT				1.0			
27+61, 12'RT	TO	27+61, 30'RT	18.0				1.0		1.0
		27+61, 22'RT				1.0			
27+98, 12'RT	TO	27+98, 30'RT	18.0				1.0		1.0
		27+98, 21'RT				1.0			
28+03, 11'RT	TO	28+03, 30'LT	41.0				1.0		1.0
		28+03, 21'LT				1.0			
28+95, 11'RT	TO	28+85, 30'RT	24.0				1.0		1.0
		28+85, 22'RT				1.0			
28+96, 11'RT	TO	28+96, 30'LT	41.0				1.0		1.0
		28+96, 21'LT				1.0			
29+37, 11'RT	TO	29+37, 30'LT	41.0				1.0		1.0
		29+37, 21'LT				1.0			
29+86, 11'RT	TO	29+86, 30'LT	41.0				1.0		1.0
		29+86, 21'LT				1.0			
30+10, 11'RT	TO	30+18, 25'RT	22.0				1.0		1.0
		30+18, 2'RT				1.0			
30+29, 11'RT	TO	30+34, 30'LT	46.0				1.0		1.0
		30+34, 21'LT				1.0			
30+56, 11'RT	TO	30+56, 30'RT	19.0				1.0		1.0
		30+56, 22'RT				1.0			
30+90, 11'RT	TO	30+90, 30'LT	41.0				1.0		1.0
		30+90, 21'LT				1.0			
30+96, 11'RT	TO	30+96, 30'RT	19.0				1.0		1.0
		30+96, 22'RT				1.0			
31+41, 11'RT	TO	31+41, 30'LT	41.0				1.0		1.0
		31+41, 21'LT				1.0			
31+73, 11'RT	TO	31+73, 30'RT	19.0				1.0		1.0
		31+73, 22'RT				1.0			
31+82, 11' RT	TO	31+82, 30' LT	41.0				1.0		1.0
		31+82, 21' LT				1.0			
31+87, 11'RT	TO	31+87, 30'RT	19.0				1.0		1.0
		31+87, 22'RT				1.0			
32+33, 11'RT	TO	32+33, 30'LT	41.0				1.0		1.0
		32+33, 21'LT				1.0			
32+53, 11'RT	TO	32+53, 30'RT	19.0				1.0		1.0
		32+53, 22'RT				1.0			
33+50, 11'RT	TO	33+50, 30'LT	41.0				1.0		1.0
		33+50, 21'LT				1.0			
33+99, 11'RT	TO	33+99, 30'LT	41.0				1.0		1.0
		33+99, 21'LT				1.0			
34+41, 11'RT	TO	34+41, 30'LT	41.0				1.0		1.0
		34+41, 21'LT				1.0			
SUBTOTAL			1235.0	0.0	0.0	40.0	40.0	0.0	40.0

WATER SERVICE SCHEDULE (CONTINUED)									
LOCATION			WATER SERVICE LINE 3/4 INCH	WATER SERVICE LINE 2 INCH	CORPORATION STOP 2 INCH	DOMESTIC METER VAULTS	PRESSURE CONNECTION TO EXISTING WATER MAIN	WATER SERVICE CONNECTION 2"	WATER SERVICE RECONNECTIONS
STA.	TO	STA.	(FEET)	(FEET)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
34+70, 11'RT	TO	34+70, 30'RT	19.0				1.0		1.0
		34+70, 22'RT				1.0			
34+93, 11'RT	TO	34+93, 30'LT	41.0				1.0		1.0
		34+93, 21'LT				1.0			
35+12, 11'RT	TO	35+12, 30'RT	19.0				1.0		1.0
		35+12, 22'RT				1.0			
35+50, 11'RT	TO	35+50, 30'LT	41				1.0		1.0
		35+50, 21'LT				1.0			
35+96, 11'RT	TO	35+96, 30'LT	41.0				1.0		1.0
		35+96, 21'LT				1.0			
36+11, 11'RT	TO	36+11, 30'RT	19.0				1.0		1.0
		36+11, 22'RT				1.0			
36+50, 10'RT	TO	36+50, 30'RT	20.0				1.0		1.0
		36+50, 22'RT				1.0			
37+53, 11'RT	TO	37+53, 30'RT	19.0				1.0		1.0
		37+53, 22'RT				1.0			
37+94, 11'RT	TO	37+94, 30'RT	19.0				1.0		1.0
		37+94, 22'RT				1.0			
38+53, 11'RT	TO	38+53, 30'LT	41.0				1.0		1.0
		38+53, 21'LT				1.0			
38+79, 11'RT	TO	38+79, 30'RT	19.0				1.0		1.0
		38+79, 22'RT				1.0			
39+68, 11'RT	TO	39+68, 30'RT	19.0				1.0		1.0
		39+68, 22'RT				1.0			
39+74, 11'RT	TO	39+74, 30'RT	19.0				1.0		1.0
		39+74, 22'RT				1.0			
40+98, 11'RT	TO	40+98, 30'RT	19.0				1.0		1.0
		40+98, 22'RT				1.0			
41+32, 11'RT	TO	41+32, 30'LT	41.0				1.0		1.0
		41+32, 21'LT				1.0			
41+74, 11'RT	TO	41+74, 30'LT	41.0				1.0		1.0
		41+74, 21'LT				1.0			
41+82, 11'RT	TO	41+82, 30'RT	19.0				1.0		1.0
		41+82, 22'RT				1.0			
42+08, 11'RT	TO	42+30, 30'RT	19.0				1.0		1.0
		42+30, 22'RT				1.0			
42+43, 11'RT	TO	42+43, 43'RT	32.0				1.0		1.0
		42+43, 22'RT				1.0			
43+78, 15'RT	TO	43+78, 30'LT	45.0				1.0		1.0
		43+78, 21'LT				1.0			
45+16, 13'RT	TO	45+16, 30'RT	17.0				1.0		1.0
		45+16, 21'RT				1.0			
45+32, 13'RT	TO	45+32, 30'LT	45.0				1.0		1.0
		45+32, 21'LT				1.0			
45+59, 13' RT	TO	45+59, 30' RT	17.0				1.0		1.0
		45+59, 21' RT				1.0			
45+76, 13'RT	TO	45+76, 30'RT	17.0				1.0		1.0
		45+76, 21'RT				1.0			
45+93, 13'RT	TO	45+93, 30'LT	43.0				1.0		1.0
		45+93, 21'LT				1.0			
45+95, 13'RT	TO	45+95, 30'RT	17.0				1.0		1.0
		45+95, 21'RT				1.0			
47+00, 14'RT	TO	46+88, 30'RT	34.0				1.0		1.0
		46+88, 21'RT				1.0			
47+08, 14'RT	TO	47+08, 26'LT		40.0				1.0	
47+08, 26'LT	TO				1.0				
SUBTOTAL			742.0	40.0	1.0	27.0	27.0	1.0	27.0
TOTAL			1977	40	1	67	67	1	67

MODEL: Schedule4 (Sheet)
FILE NAME: P:\19E332\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\11-14-shr-Schedules.dgn

USER NAME = gsturjeon	DESIGNED - RDS	REVISED -
	DRAWN - GJS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

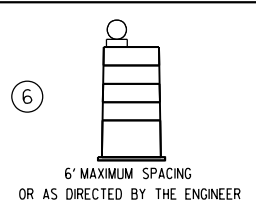
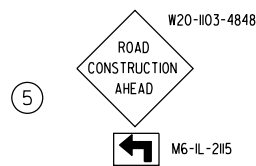
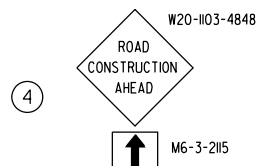
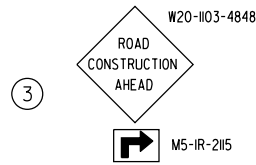
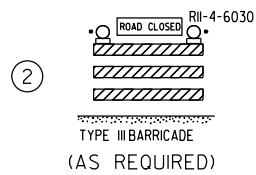
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS**

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

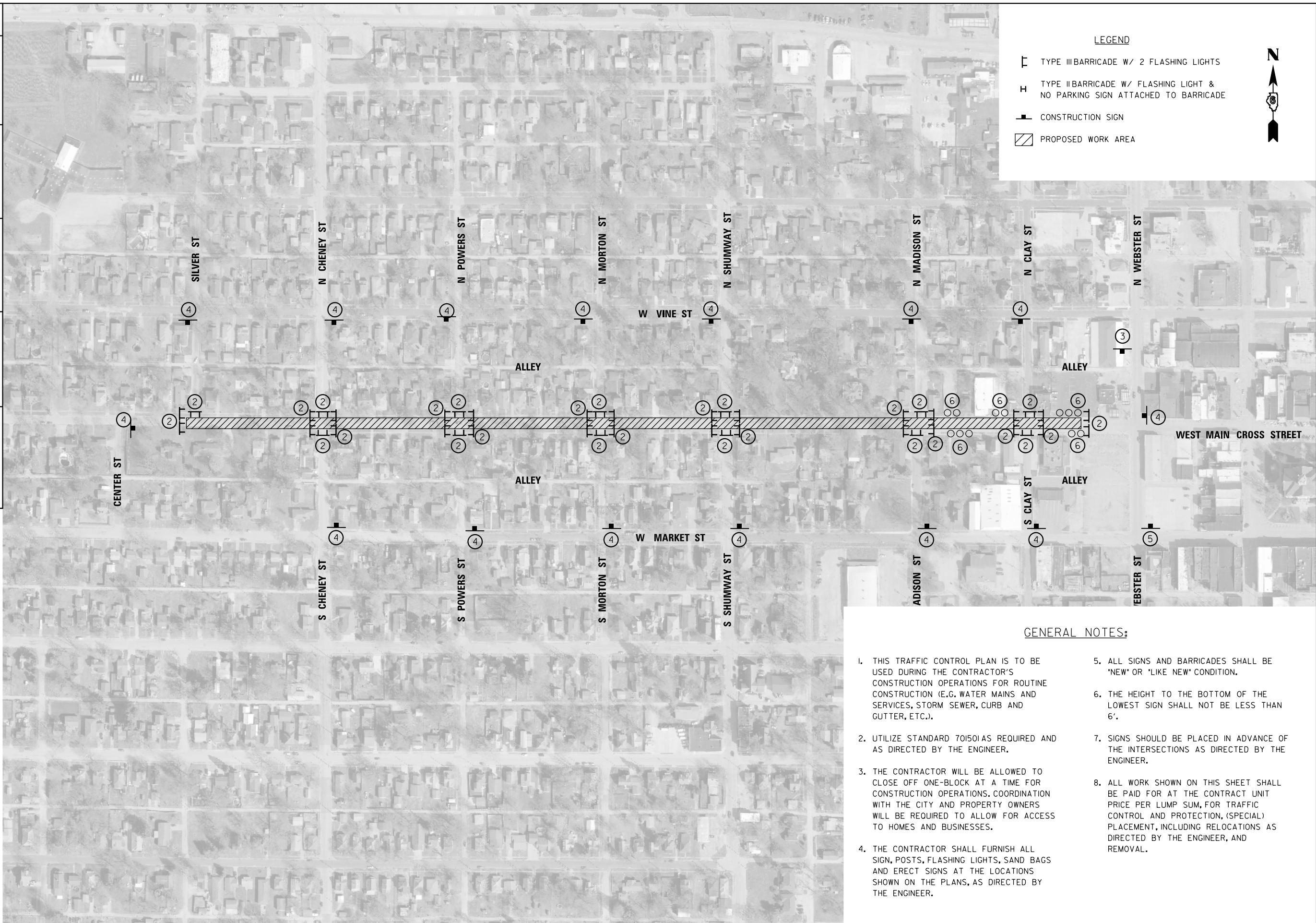
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	14
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

DETOUR SIGNING



LEGEND

- TYPE III BARRICADE W/ 2 FLASHING LIGHTS
- TYPE II BARRICADE W/ FLASHING LIGHT & NO PARKING SIGN ATTACHED TO BARRICADE
- CONSTRUCTION SIGN
- PROPOSED WORK AREA



GENERAL NOTES:

1. THIS TRAFFIC CONTROL PLAN IS TO BE USED DURING THE CONTRACTOR'S CONSTRUCTION OPERATIONS FOR ROUTINE CONSTRUCTION (E.G. WATER MAINS AND SERVICES, STORM SEWER, CURB AND GUTTER, ETC.).
2. UTILIZE STANDARD 701501 AS REQUIRED AND AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR WILL BE ALLOWED TO CLOSE OFF ONE-BLOCK AT A TIME FOR CONSTRUCTION OPERATIONS. COORDINATION WITH THE CITY AND PROPERTY OWNERS WILL BE REQUIRED TO ALLOW FOR ACCESS TO HOMES AND BUSINESSES.
4. THE CONTRACTOR SHALL FURNISH ALL SIGN, POSTS, FLASHING LIGHTS, SAND BAGS AND ERECT SIGNS AT THE LOCATIONS SHOWN ON THE PLANS, AS DIRECTED BY THE ENGINEER.
5. ALL SIGNS AND BARRICADES SHALL BE "NEW" OR "LIKE NEW" CONDITION.
6. THE HEIGHT TO THE BOTTOM OF THE LOWEST SIGN SHALL NOT BE LESS THAN 6'.
7. SIGNS SHOULD BE PLACED IN ADVANCE OF THE INTERSECTIONS AS DIRECTED BY THE ENGINEER.
8. ALL WORK SHOWN ON THIS SHEET SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LUMP SUM, FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL) PLACEMENT, INCLUDING RELOCATIONS AS DIRECTED BY THE ENGINEER, AND REMOVAL.

MODEL: Traffic Control Plan (Sheet) FILE NAME: P:\18E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\15-067878-sh1_Traffic Control Plan.dgn

BA BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS / LAND SURVEYORS
1975 WEST LAUREL AVE.
JACKSONVILLE, IL 62650
PHONE: 217-264-4166 FAX: 217-264-4169
ILL. DESIGN FIRM REGISTRATION NO. 194-000652

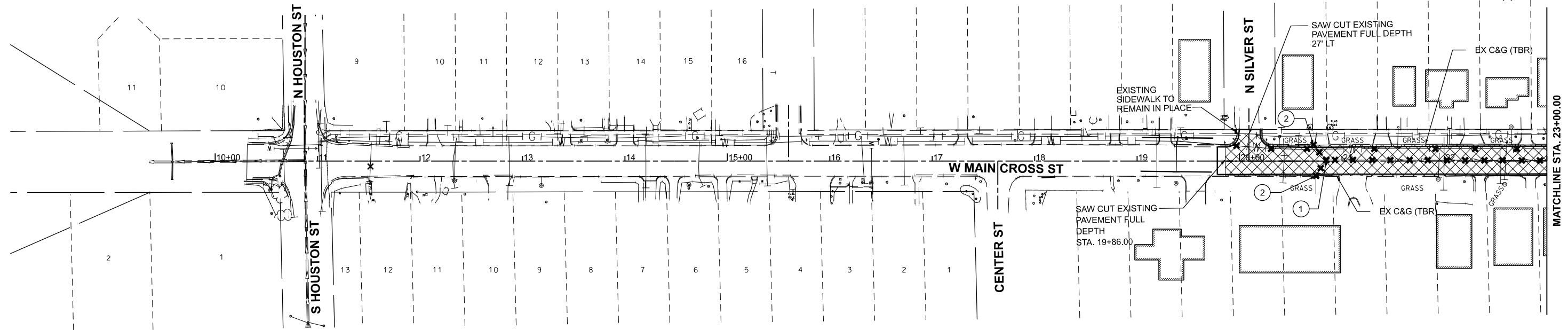
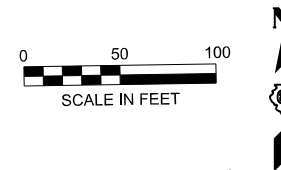
USER NAME = rshaw	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL PLAN
WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS**








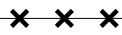

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	15
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



TELEPHONE SPLICE BOXES
TO BE ADJUSTED BY OTHERS

LEGEND

-  ASPHALT / CONCRETE STREET PAVEMENT REMOVAL
-  CONCRETE PARKING AREA REMOVAL (PAID FOR AS PAVEMENT REMOVAL)
-  CONCRETE SIDEWALK REMOVAL
-  DRIVEWAY PAVEMENT REMOVAL
-  EX MANHOLE TO BE REMOVED
-  EX INLET TO BE REMOVED
-  EXISTING TREE TO BE REMOVED
-  EXISTING STORM SEWER TO BE REMOVED (SEE STORM SEWER PLAN & PROFILE PLANS FOR MORE DETAILS)
-  EXISTING WATER MAIN TO BE ABANDONED IN PLACE (SEE WATER MAIN PLAN & PROFILE PLANS FOR MORE DETAILS)

MODEL: P:\CL_WESTCROSS-1 - Plan 1 (Sheet) FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\16-17-D67878-eh-removal.dgn

BA BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS (LAND SURVEYORS)
1075 WEST LAFFETTE AVE.
JACKSONVILLE, IL 62250
PHONE: 217-264-1180 FAX: 217-264-1189
IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = jgailo	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

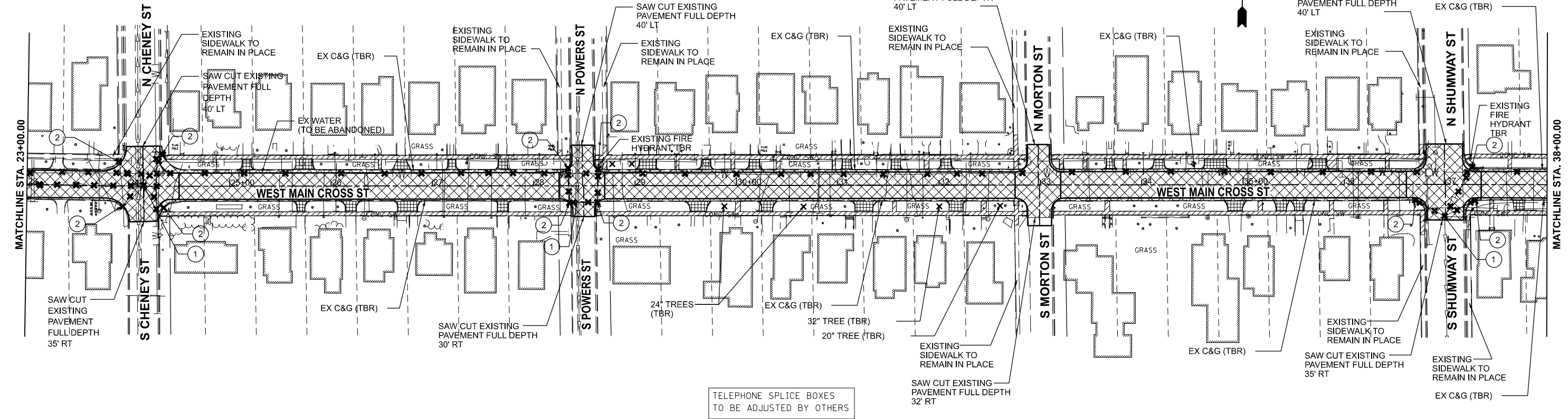
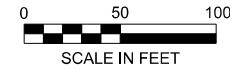
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DEMOLITION PLAN
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 10+00.00 TO STA. 23+00.00

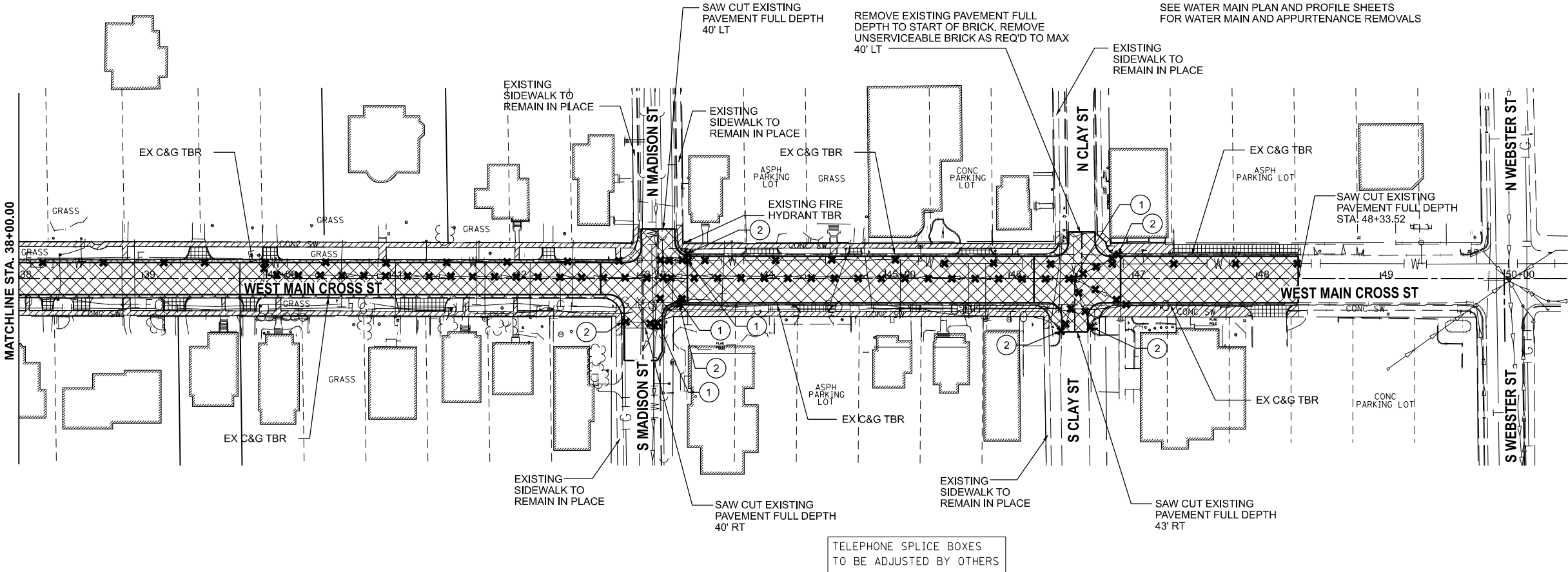
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	16
CONTRACT NO. 93841				
		ILLINOIS	FED. AID PROJECT	

SEE WATER MAIN PLAN AND PROFILE SHEETS FOR WATER MAIN AND APPURTENANCE REMOVALS



TELEPHONE SPLICE BOXES TO BE ADJUSTED BY OTHERS

SEE WATER MAIN PLAN AND PROFILE SHEETS FOR WATER MAIN AND APPURTENANCE REMOVALS



TELEPHONE SPLICE BOXES TO BE ADJUSTED BY OTHERS

- LEGEND**
- ASPHALT / CONCRETE STREET PAVEMENT REMOVAL
 - CONCRETE PARKING AREA REMOVAL (PAID FOR AS PAVEMENT REMOVAL)
 - CONCRETE SIDEWALK REMOVAL
 - DRIVEWAY PAVEMENT REMOVAL
 - EX MANHOLE TO BE REMOVED
 - EX INLET TO BE REMOVED
 - EXISTING TREE TO BE REMOVED
 - EXISTING STORM SEWER TO BE REMOVED (SEE STORM SEWER PLAN & PROFILE PLANS FOR MORE DETAILS)
 - EXISTING WATER MAIN TO BE ABANDONED IN PLACE (SEE WATER MAIN PLAN & PROFILE PLANS FOR MORE DETAILS)

MODEL: P:\CL\WESTCROSS - removals\Plan 1 [Sheet] FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD\Sheet\16-17-17-D67878-8-ht-removal.dgn



USER NAME = jgallo	DESIGNED - RDS	REVISED - .
	DRAWN - SM	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

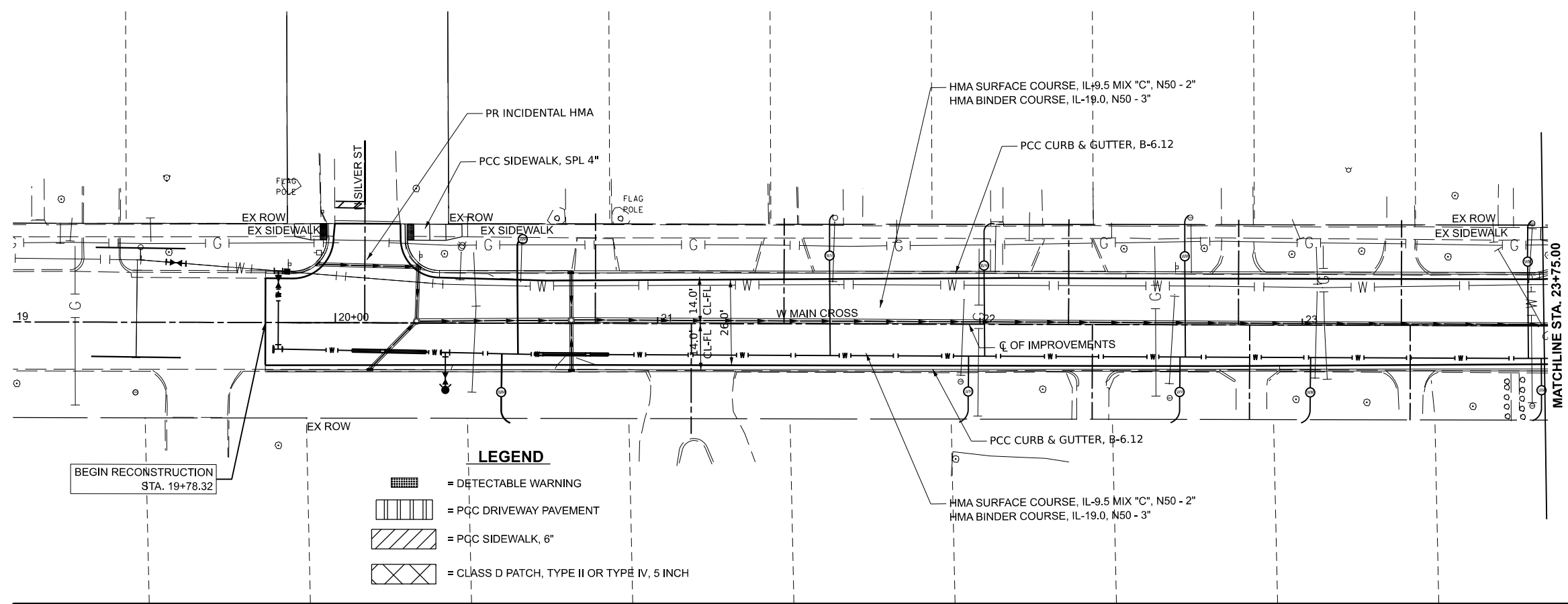
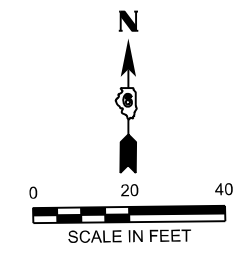
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DEMOLITION PLAN
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 23+00.00 TO STA. 48+33.52

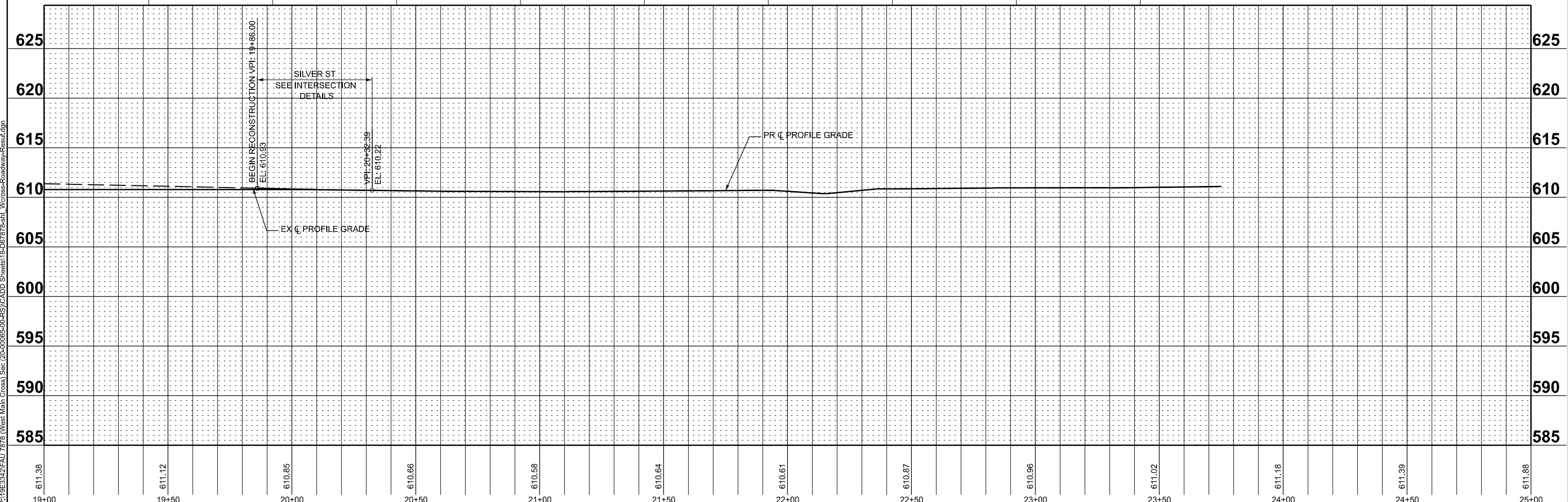
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	17
CONTRACT NO. 93841				

ILLINOIS FED. AID PROJECT



LEGEND

- = DETECTABLE WARNING
- = PQC DRIVEWAY PAVEMENT
- = PQC SIDEWALK, 6"
- = CLASS D PATCH, TYPE II OR TYPE IV, 5 INCH



MODEL: PCL_WESTCROSS_Plan_1 [Sheet]
 FILE NAME: P:\19E3342FAU 7878 (West Main Cross) Sec (20-00065-00-RS) [CADD Sheets] 18-067878-st1_Wcross-Roadway-Resurf.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1075 WEST LAVERETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-264-4140 FAX: 217-264-4149
 IL DESIGN FIRM REGISTRATION NO. 194-00082

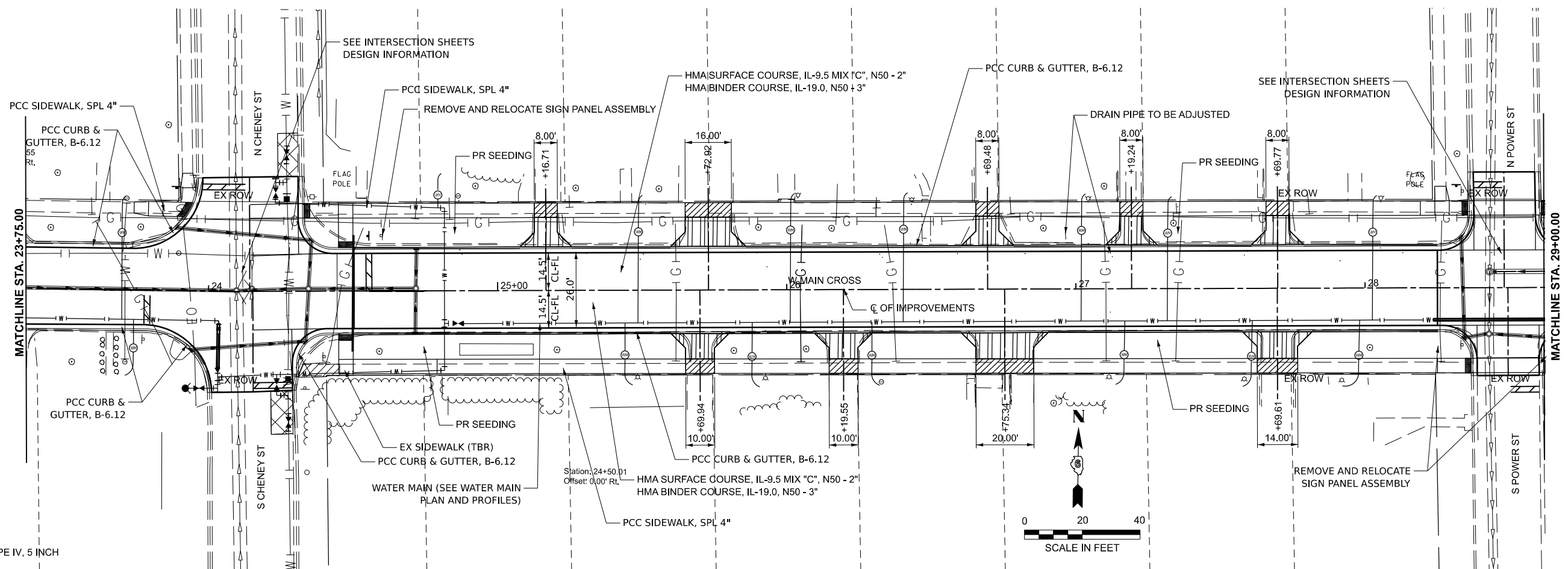
USER NAME = rshaw	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN AND PROFILES
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

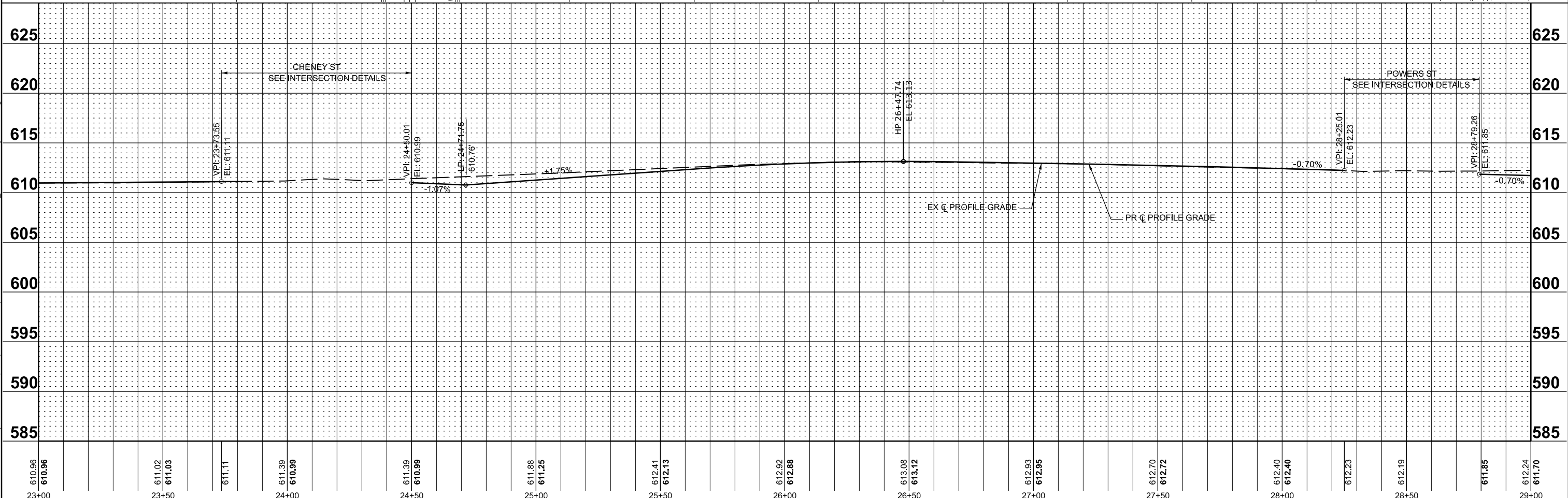
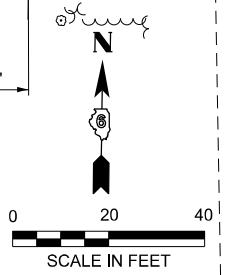
SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 19+00.00 TO STA. 23+75.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	18
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



LEGEND

- = DETECTABLE WARNING
- = PCC DRIVEWAY PAVEMENT
- = PCC SIDEWALK, 6"
- = CLASS D PATCH, TYPE II OR TYPE IV, 5 INCH



MODEL: P:\CL\WESTCROSS-D67878-WA-Main-Cross-Plan 1 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\19-23-D67878-shr_WestMainCross-Plan1.dwg

610.96 610.96 23+00	611.02 611.03 23+50	611.11 24+00	611.39 610.99 24+50	611.88 611.25 25+00	612.41 612.13 25+50	612.92 612.88 26+00	613.08 613.12 26+50	612.93 612.95 27+00	612.70 612.72 27+50	612.40 612.40 28+00	612.23 28+50	612.19 28+50	611.85 29+00	612.24 611.70 29+00
---------------------------	---------------------------	-----------------	---------------------------	---------------------------	---------------------------	---------------------------	---------------------------	---------------------------	---------------------------	---------------------------	-----------------	-----------------	-----------------	---------------------------

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 100 WEST LAURETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-264-4140 FAX: 217-264-4143
 IL DESIGN FIRM REGISTRATION NO. 194-000852

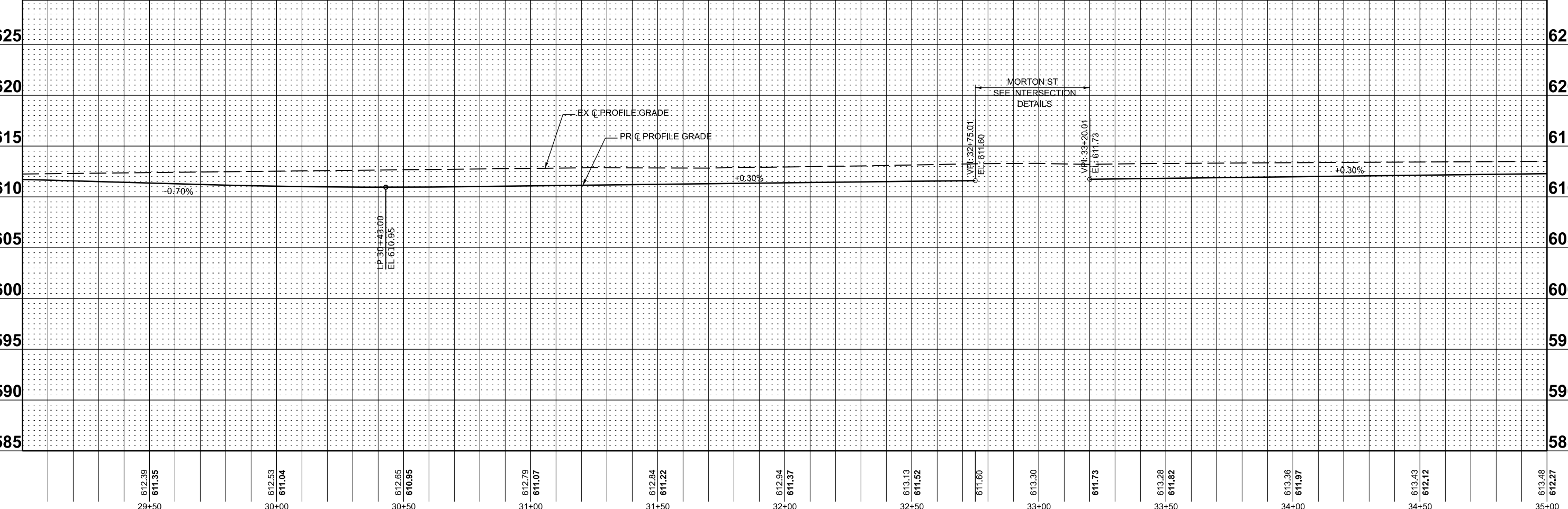
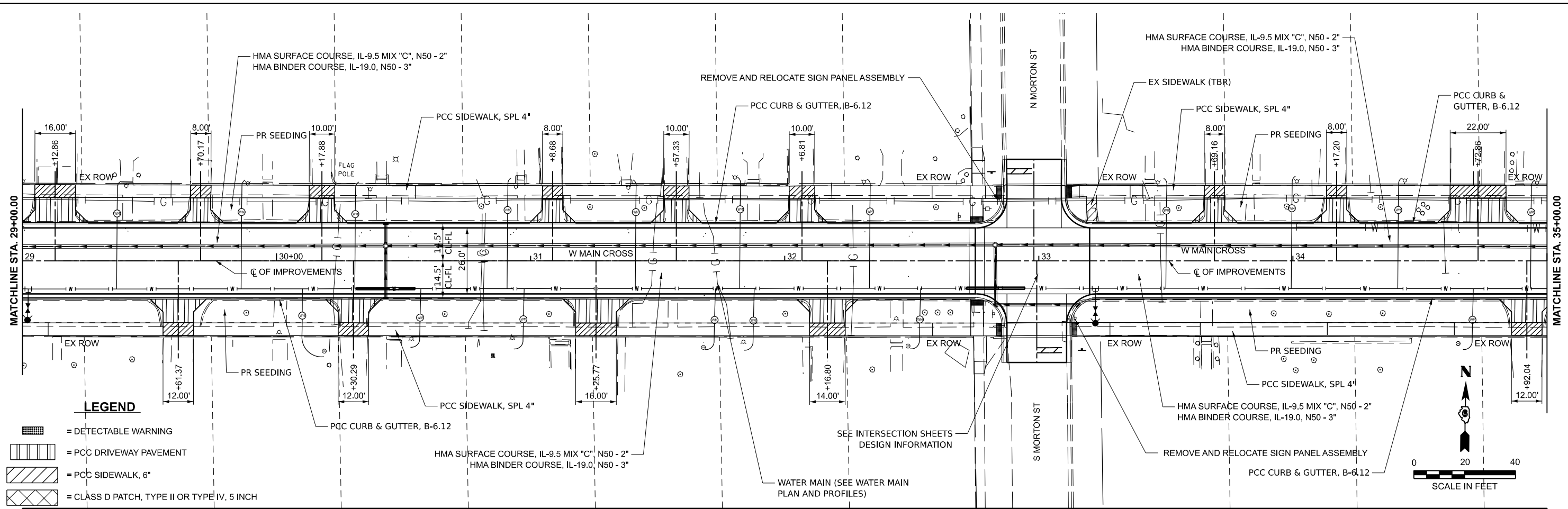
USER NAME = rshaw	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN AND PROFILES
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

SCALE: SHEET 2 OF 6 SHEETS STA. 23+75.00 TO STA. 29+00.00

F.A.U. RTE. 7828	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 19
CONTRACT NO. 93841			ILLINOIS FED. AID PROJECT	

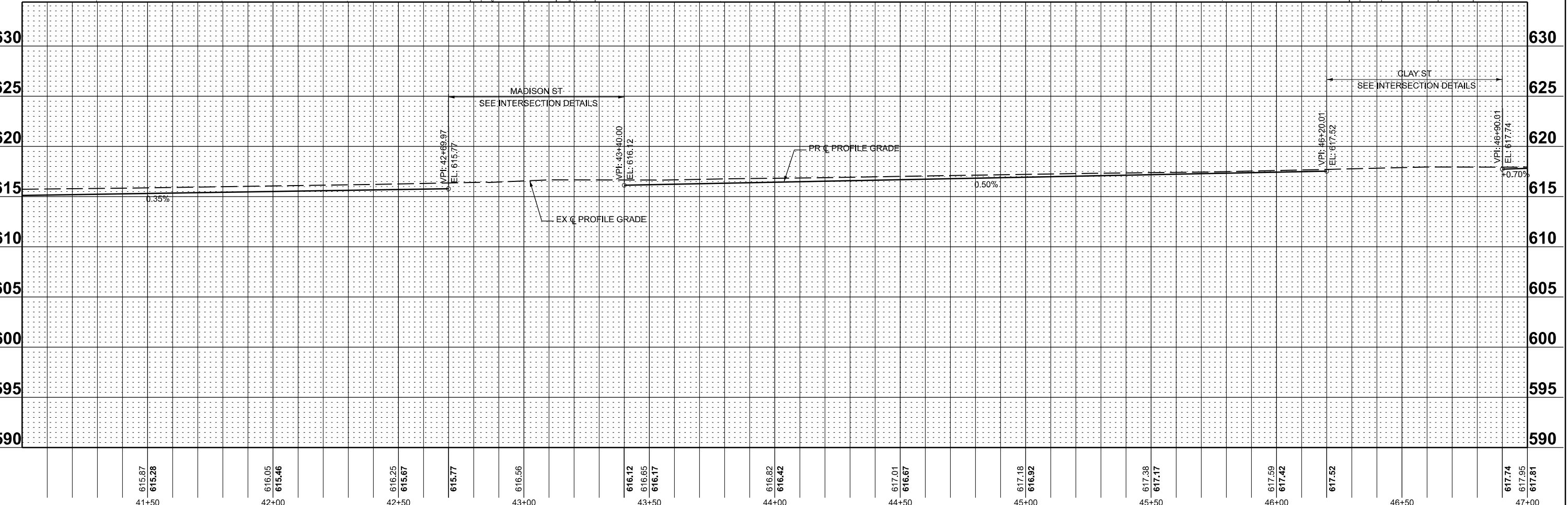
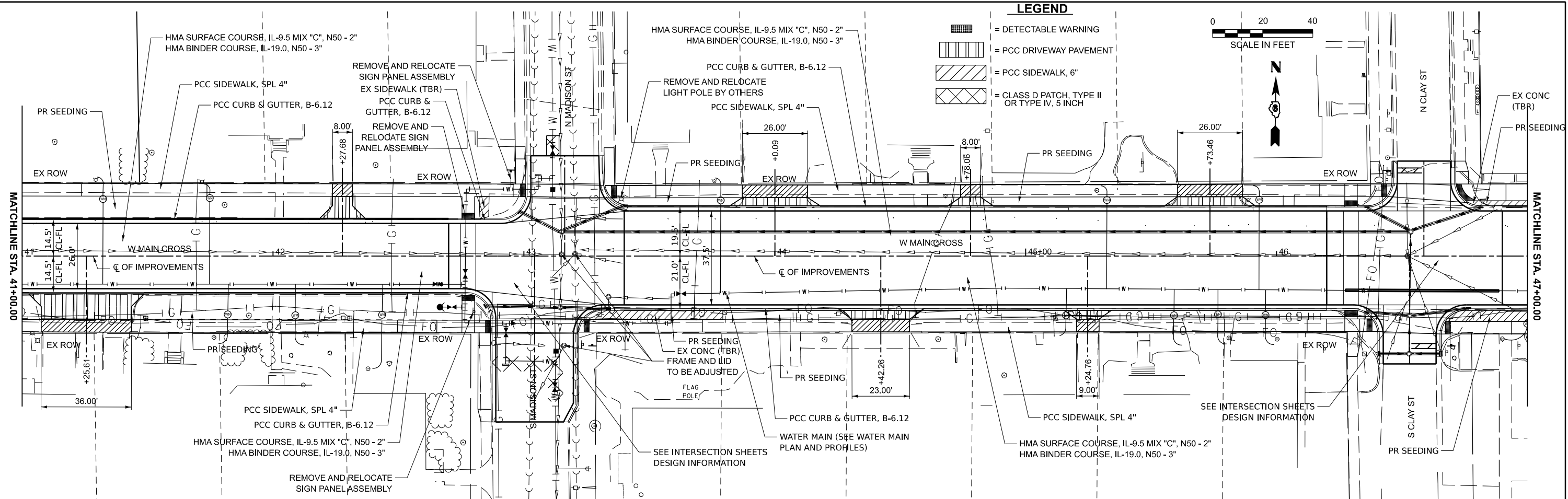


MODEL: P:\CL\WESTCROSS-D67878-W Main-Cross-Plan 2 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\19-23-D67878-eh-W Cross-Roadway-Plan Prof.dgn

	BENTLEY & ASSOCIATES, INC. CONSULTING ENGINEERS (LAND SURVEYORS) 1075 WEST LAURETTE AVE. JACKSONVILLE, IL 62650 PHONE: 217-264-1180 FAX: 217-264-1189 IL DESIGN FIRM REGISTRATION NO. 194-000852	USER NAME = knlchois PLOT DATE = 6/10/2025	DESIGNED - RDS DRAWN - RDS CHECKED - WJS DATE - JUNE 2025	REVISED - . REVISED - . REVISED - . REVISED - .	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN AND PROFILES WEST MAIN CROSS ROADWAY IMPROVEMENTS	SCALE: 1"=20' SHEET 3 OF 6 SHEETS STA. 29+00.00 TO STA. 35+00.00	F.A.U. RTE. 7828 SECTION 20-00065-00-RS COUNTY CHRISTIAN TOTAL SHEETS 77 SHEET NO. 20 CONTRACT NO. 93841	ILLINOIS FED. AID PROJECT
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------	--------------------------------------------------------------------	----------------------------------------------------------	--------------------------------------------------------------------	------------------------------------------------------------------------------------	------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------	---------------------------

LEGEND

- [Symbol] = DETECTABLE WARNING
- [Symbol] = PCC DRIVEWAY PAVEMENT
- [Symbol] = PCC SIDEWALK, 6"
- [Symbol] = CLASS D PATCH, TYPE II OR TYPE IV, 5 INCH



MODEL: P:\CL\WESTCROSS-D67778-W Main-Cross-Plan 4 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross)_Sec (20-00065-00-RS)\CADD_Sheets\19-23-D67778-eh-W Cross-Roadway-Plan4.dwg

615.87	615.28	616.05	615.46	616.25	615.67	615.77	616.56	616.12	616.65	616.17	616.82	616.42	617.01	616.67	617.18	616.92	617.38	617.17	617.59	617.42	617.52	617.74	617.95	617.81
41+50		42+00		42+50		43+00		43+50		44+00		44+50		45+00		45+50		46+00		46+50		47+00		

USER NAME = knlchois	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .





**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

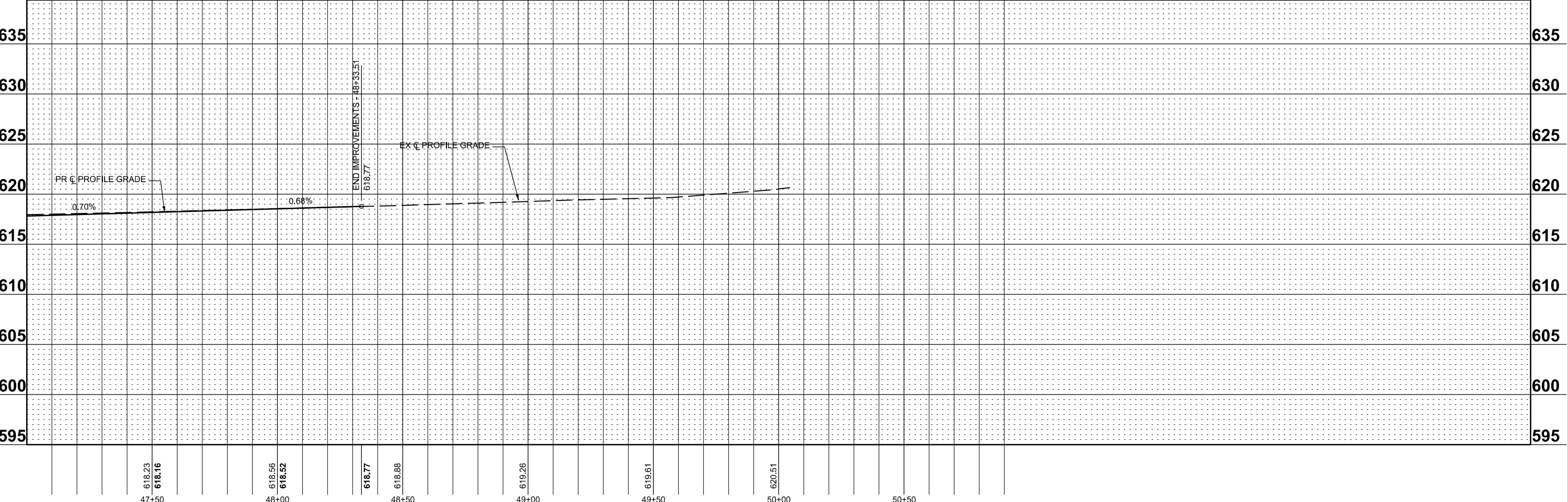
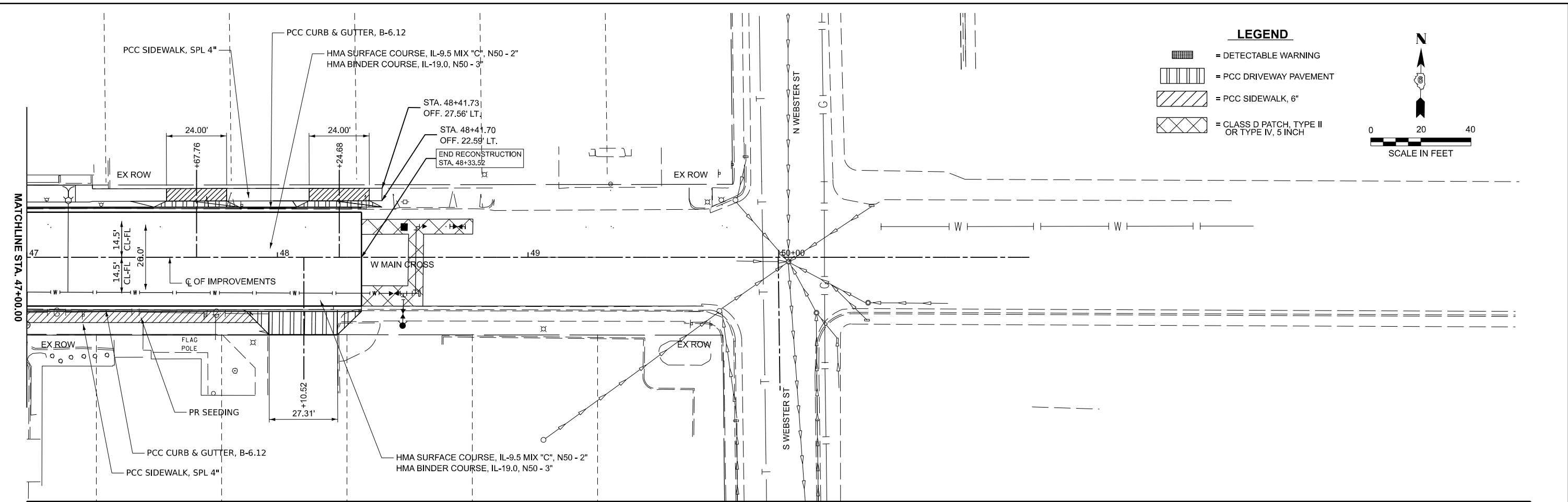
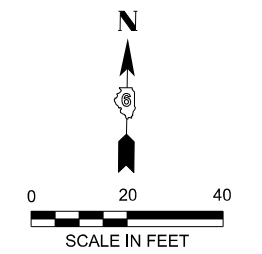
**ROADWAY PLAN AND PROFILES
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

SCALE: 1"=20' SHEET 5 OF 6 SHEETS STA. 41+00.00 TO STA. 47+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7828	20-00065-00-RS	CHRISTIAN	77	22
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

LEGEND

-  = DETECTABLE WARNING
-  = PCC DRIVEWAY PAVEMENT
-  = PCC SIDEWALK, 6"
-  = CLASS D PATCH, TYPE II OR TYPE IV, 5 INCH



MODEL: P:\CL_WESTCROSS-D67878-WMain-Cross-Plan 5 (Sheet)
 FILE NAME: P:\19E3342FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\19-23-D67878-shr_Wcross-Roadway-PlanProf.dgn



USER NAME = knlchois
 DESIGNED - RDS
 DRAWN - RDS
 CHECKED - WJS
 PLOT DATE = 6/10/2025

618.23
618.16
47+50
 618.56
618.52
48+00
 618.77
618.88
48+50
 619.26
49+00
 619.61
49+50
 620.51
50+00
 50+50

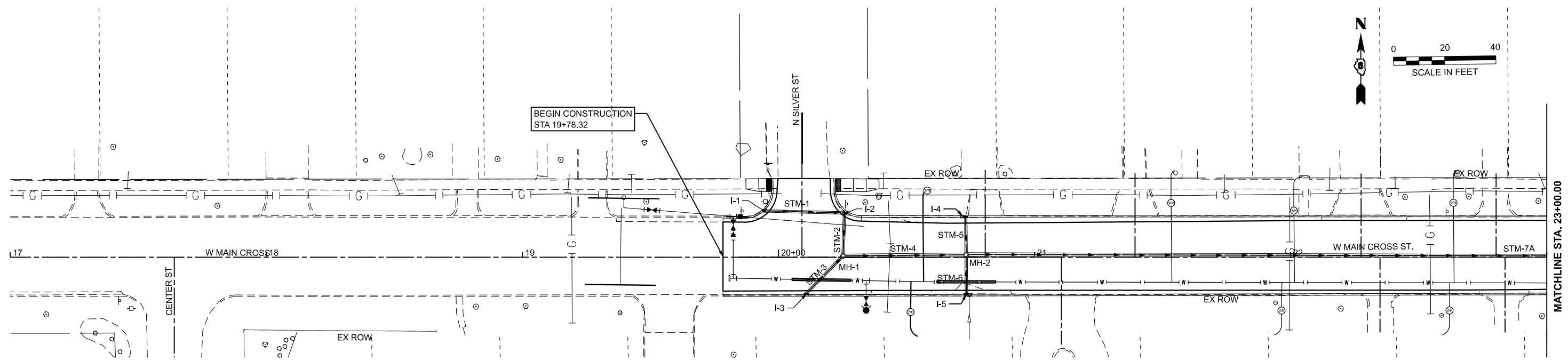
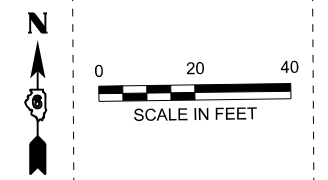
DESIGNED - RDS
 DRAWN - RDS
 CHECKED - WJS
 DATE - JUNE 2025
 REVISED - .
 REVISED - .
 REVISED - .
 REVISED - .

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN AND PROFILES
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 47+00.00 TO STA. 48+33.52

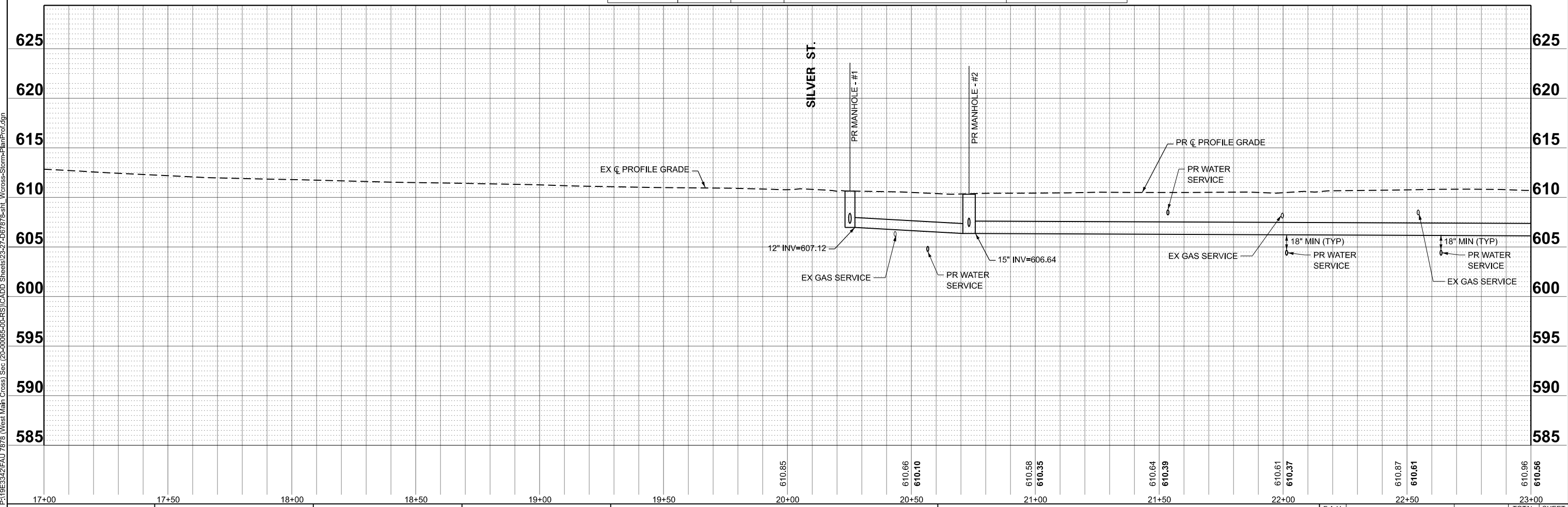
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7828	20-00065-00-RS	CHRISTIAN	77	23
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



STORM SEWER SCHEDULE (FOR SHEET 22)				
STRUCTURE #	STATION	OFFSET	DESCRIPTION	ELEVATIONS
MH-1	20+25	0.5' LT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV=610.79 12" N INV = 607.54 12" E INV = 607.12 12" SW INV = 607.54
MH-2	20+73	1' LT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV=610.60 10" N INV = 607.35 12" W INV = 606.64 10" S INV = 607.35 15" E INV = 606.64

STRUCTURE #	STATION	OFFSET	DESCRIPTION	ELEVATIONS
I-1	19+95	18.3 LT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 610.6 INV = 608.49
I-2	20+26	17.6 LT	INLET, TYPE B, TYPE 11V FRAME AND GRATE	FLOW LINE = 610.27 INV = 608.03
I-3	20+11	14.5 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 610.34 INV = 608.38
I-4	20+73	15.7 LT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 609.92 INV = 607.92
I-5	20+73	14.5 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 609.92 INV = 607.92

STORM SEWER PIPE SCHEDULE (FOR SHEET 22)		
PIPE #	DESCRIPTION	LENGTH
STM-1	10" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.5%	31'
STM-2	10" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 3.1%	15.8'
STM-3	10" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 4.3%	19.5'
STM-4	12" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 1.0%	46'
STM-5	10" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 4.3%	13.4'
STM-6	10" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 4.0%	14.'
STM-7A	15" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 0.6%	225.8'



MODEL: P:\CL_WESTCROSS-1 - Plan 1 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\23-27-067778-st Storm-PlanProf.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1070 WEST LAVERGNE AVE
 JACKSONVILLE, IL 62550
 PHONE: 217-265-4188 FAX: 217-265-4189
 IL DESIGN FIRM REGISTRATION NO. 184-000852

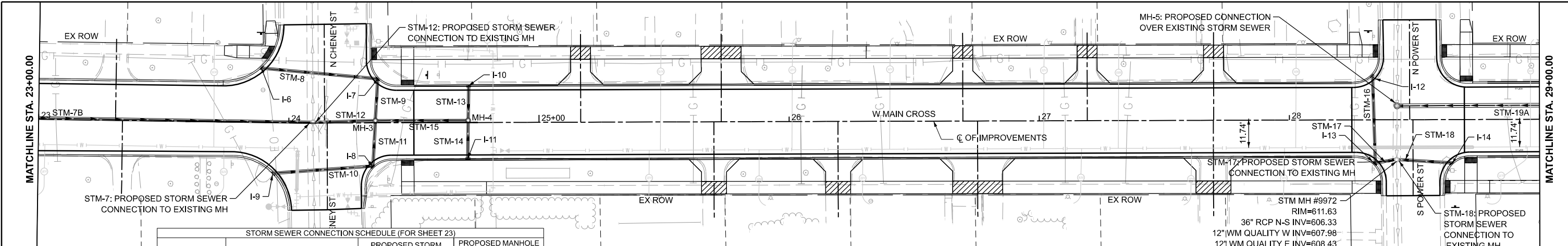
USER NAME = gsturjeon	DESIGNED - GJS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - SJB	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STORM SEWER PLAN AND PROFILE
 WEST MAIN CROSS STREET ROADWAY IMPROVEMENTS**

SCALE: 1"=20' SHEET 1 OF 5 SHEETS STA. 17+00.00 TO STA. 23+00.00

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 24
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



STORM SEWER CONNECTION SCHEDULE (FOR SHEET 23)

STRUCTURE #	PIPE #	STATION	OFFSET	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE (EACH)	PROPOSED MANHOLE CONNECTION OVER EXISTING STORM (EACH)
EX MH-10901	STM-7	24+09	0.5' LT	1	
EX MH-10902	STM-12	24+14	0.5' LT	1	
MH-5		28+43	5.6' LT		1
EX MH-9972	STM-17	28+43	16' RT	1	
EX MH-9972	STM-18	28+48	16' RT	1	

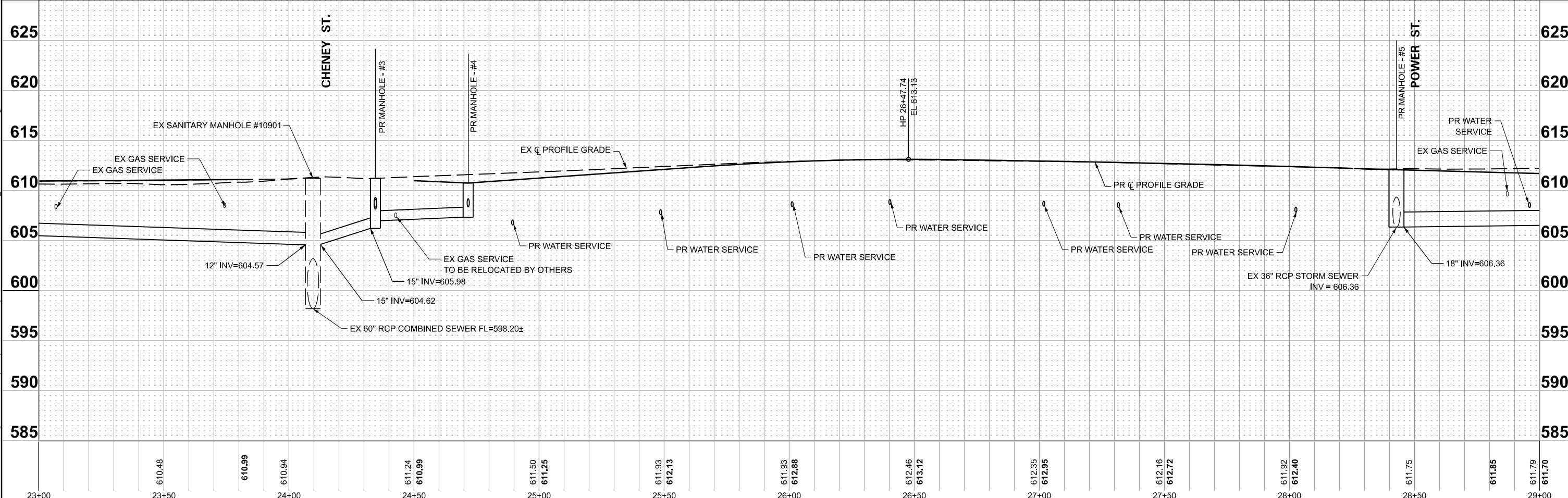
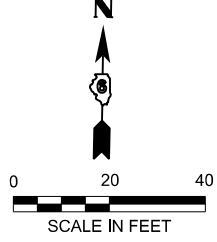
STORM SEWER SCHEDULE (FOR SHEET 23)

STRUCTURE #	STATION	OFFSET	DESCRIPTION	ELEVATIONS
MH-3	24+35	0.9' LT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV = 610.99
				12" W INV = 605.98
				12" N INV = 608.09
				12" S INV = 607.9
MH-4	24+72	0.8' LT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV = 610.76
				10" N INV = 608.36
				10" S INV = 608.34
				12" W INV = 607.34
MH-5	28+43	5.6' LT	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	RIM ELEV = 612.08
				36" N INV = 606.36
				18" E INV = 606.36
				36" S INV = 606.36

STRUCTURE #	STATION	OFFSET	DESCRIPTION	ELEVATIONS
I-6	23+89	21.9 LT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 610.7 INV = 608.7
I-7	24+36	17.6 LT	INLET, TYPE B, TYPE 11V FRAME AND GRATE	FLOW LINE = 610.9 INV = 608.24
I-8	24+34	17.6 RT	INLET, TYPE B, TYPE 11V FRAME AND GRATE	FLOW LINE = 610.48 INV = 608.03
I-9	23+95	20.31 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 610.42 INV = 608.42
I-10	24+72	14.5 LT	INLET, TYPE A, TYPE 11 FRAME AND GRATE	FLOW LINE = 610.48 INV = 608.48
I-11	24+71	14.5 RT	INLET, TYPE A, TYPE 11 FRAME AND GRATE	FLOW LINE = 610.48 INV = 608.48
I-12	28+33	17.6 LT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 611.2 INV = 609.2
I-13	28+34	17.6 RT	INLET, TYPE B, TYPE 11V FRAME AND GRATE	FLOW LINE = 611.3 INV = 608.3
I-14	28+65	17.6 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 611 INV = 609

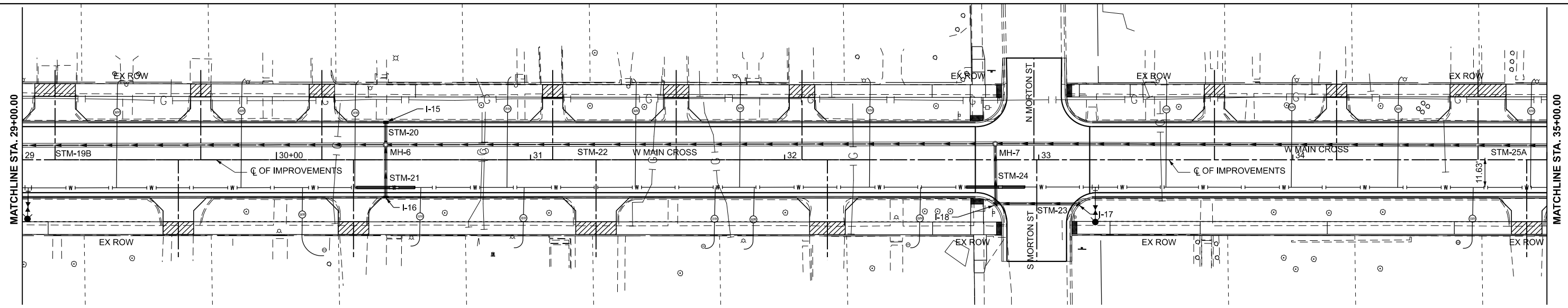
STORM SEWER PIPE SCHEDULE (FOR SHEET 23)

PIPE #	DESCRIPTION	LENGTH
STM-7B	15" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 0.6%	108.6'
STM-8	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.0%	45.9'
STM-9	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.0%	15.3'
STM-10	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.0%	39.4'
STM-11	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 0.1%	17'
STM-12	12" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 5.9%	23'
STM-13	10" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.0%	12.3'
STM-14	10" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.0%	14'
STM-15	15" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 1.0%	35.1'
STM-16	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 0.9%	34.7'
STM-17	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 4.2%	7.6'
STM-18	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 2.8%	20.7'
STM-19A	18" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 0.3%	55.7'



MODEL: P:\CL\WESTCROSS-D67878-WA-Main-Cross-Plan 1 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\24-28-D67878-eh-1\Wcross-Storm-Plan-1.dgn

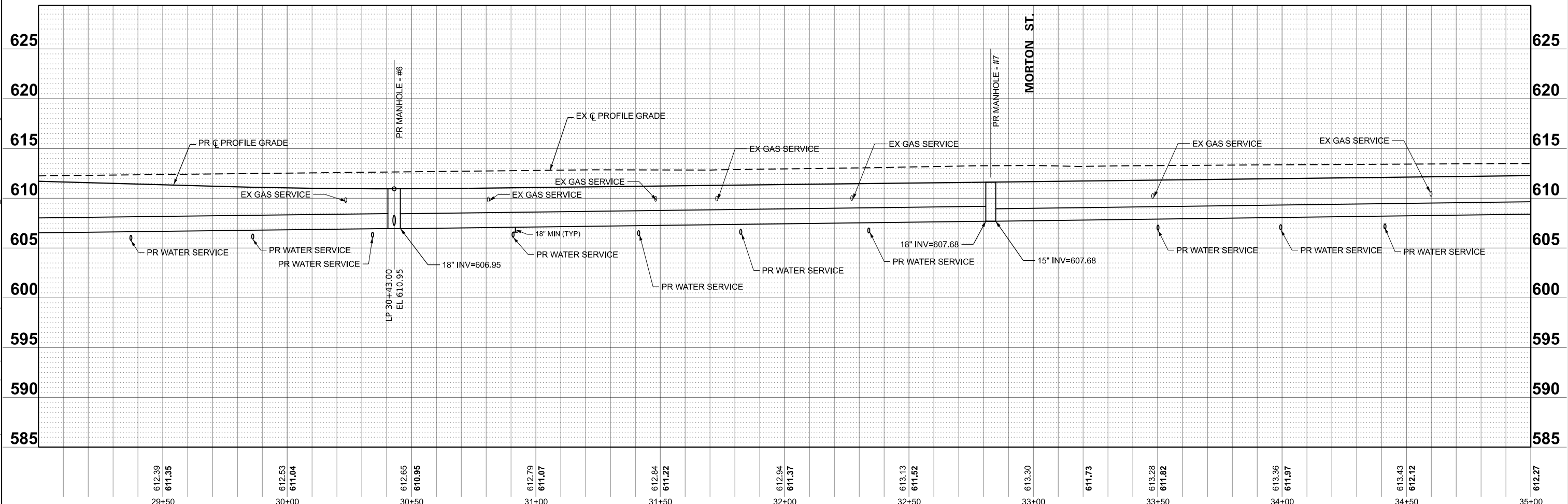
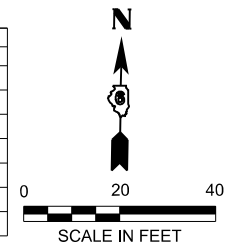
<p>BENTLEY & ASSOCIATES, INC. CONSULTING ENGINEERS / LAND SURVEYORS 1070 WEST LAKESHORE AVE. JACKSONVILLE, IL 62550 PHONE: 217-245-4186 FAX: 217-245-4189 IL DESIGN FIRM REGISTRATION NO. 184-000882</p>	<p>USER NAME = gsturjeon</p> <p>DESIGNED - GJS DRAWN - RDS CHECKED - SJB</p> <p>DATE - JUNE 2025</p>	<p>REVISED - REVISED - REVISED - REVISED -</p>	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p>STORM SEWER PLAN AND PROFILE WEST MAIN CROSS STREET ROADWAY IMPROVEMENTS</p>	<p>F.A.U. RTE. 7878 SECTION 20-00065-00-RS COUNTY CHRISTIAN TOTAL SHEETS 77 SHEET NO. 25 CONTRACT NO. 93841</p>	<p>SCALE: SHEET 2 OF 5 SHEETS STA. 23+00.00 TO STA. 29+00.00</p> <p>ILLINOIS FED. AID PROJECT</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------	------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------



STORM SEWER SCHEDULE (FOR SHEET 24)				
STRUCTURE #	STATION	OFFSET	DESCRIPTION	ELEVATIONS
MH-6	30+43	5.9' LT	60" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV=610.95
				18" W INV = 606.95
				12" N INV = 607.28
				18" E INV = 606.95
MH-7	32+83	6.3' LT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV=611.52
				18" W INV = 607.68
				15" E INV = 607.68
				12" S INV = 608.72

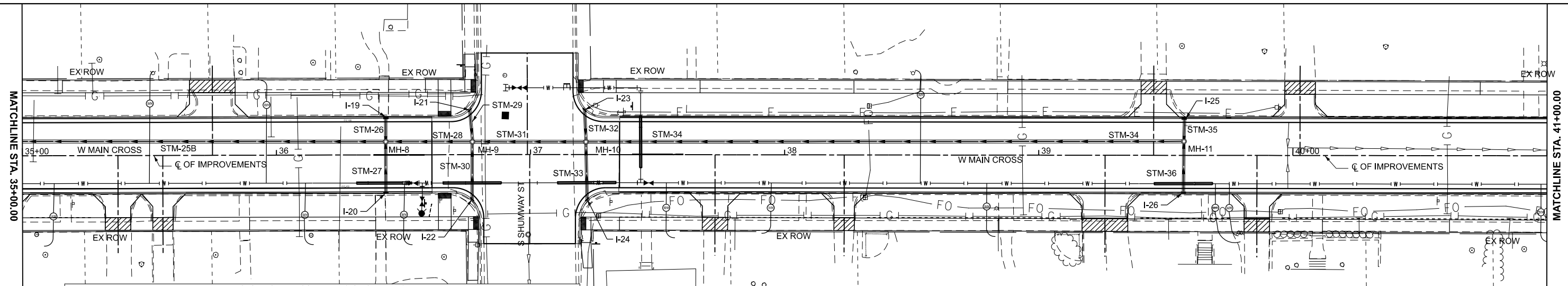
STRUCTURE #	STATION	OFFSET	DESCRIPTION	ELEVATIONS
I-15	30+43	14.6 LT	INLET, TYPE A, TYPE 11 FRAME AND GRATE	FLOW LINE = 610.7 INV = 607.7
I-16	30+43	14.6 RT	INLET, TYPE A, TYPE 11 FRAME AND GRATE	FLOW LINE = 610.7 INV = 608.2
I-17	33+16	17.6 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 612.25 INV = 610.25

STORM SEWER PIPE SCHEDULE (FOR SHEET 24)		
PIPE #	DESCRIPTION	LENGTH
STM-19B	18" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 0.3%	142'
STM-20	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 5.7%	7.4'
STM-21	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 4.8%	19.1'
STM-22	18" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 0.3%	237.9'
STM-23	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.0%	32.2'
STM-24	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 5.4%	22.6'
STM-25A	15" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 0.3%	216.1'



MODEL: P:\CL\WESTCROSS-D67878-WA-Main-Cross-Plan 2 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\23-27-D67878-st Storm-Plan-Prof.dgn

<p>BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS (LAND SURVEYORS) 1070 WEST LAMAR AVENUE JACKSONVILLE, IL 62250 PHONE: 217-265-4188 FAX: 217-265-4189 IL DESIGN FIRM REGISTRATION NO. 184-000852</p>	<table border="1" style="font-size: small;"> <tr><td>USER NAME = gsturjeon</td></tr> <tr><td>DESIGNED - GJS</td></tr> <tr><td>DRAWN - RDS</td></tr> <tr><td>CHECKED - SJB</td></tr> <tr><td>PLOT DATE = 6/10/2025</td></tr> </table>	USER NAME = gsturjeon	DESIGNED - GJS	DRAWN - RDS	CHECKED - SJB	PLOT DATE = 6/10/2025	<table border="1" style="font-size: small;"> <tr><td>DESIGNED - GJS</td></tr> <tr><td>DRAWN - RDS</td></tr> <tr><td>CHECKED - SJB</td></tr> <tr><td>DATE - JUNE 2025</td></tr> </table>	DESIGNED - GJS	DRAWN - RDS	CHECKED - SJB	DATE - JUNE 2025	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>STORM SEWER PLAN AND PROFILE WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS</p> <p>SCALE: 1"=20'</p>	<table border="1" style="font-size: small;"> <tr> <td>F.A.U. RTE. 7878</td> <td>SECTION 20-00065-00-RS</td> <td>COUNTY CHRISTIAN</td> <td>TOTAL SHEETS 77</td> <td>SHEET NO. 26</td> </tr> <tr> <td colspan="5" style="text-align: center;">CONTRACT NO. 93841</td> </tr> </table>	F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 26	CONTRACT NO. 93841				
USER NAME = gsturjeon																								
DESIGNED - GJS																								
DRAWN - RDS																								
CHECKED - SJB																								
PLOT DATE = 6/10/2025																								
DESIGNED - GJS																								
DRAWN - RDS																								
CHECKED - SJB																								
DATE - JUNE 2025																								
F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 26																				
CONTRACT NO. 93841																								



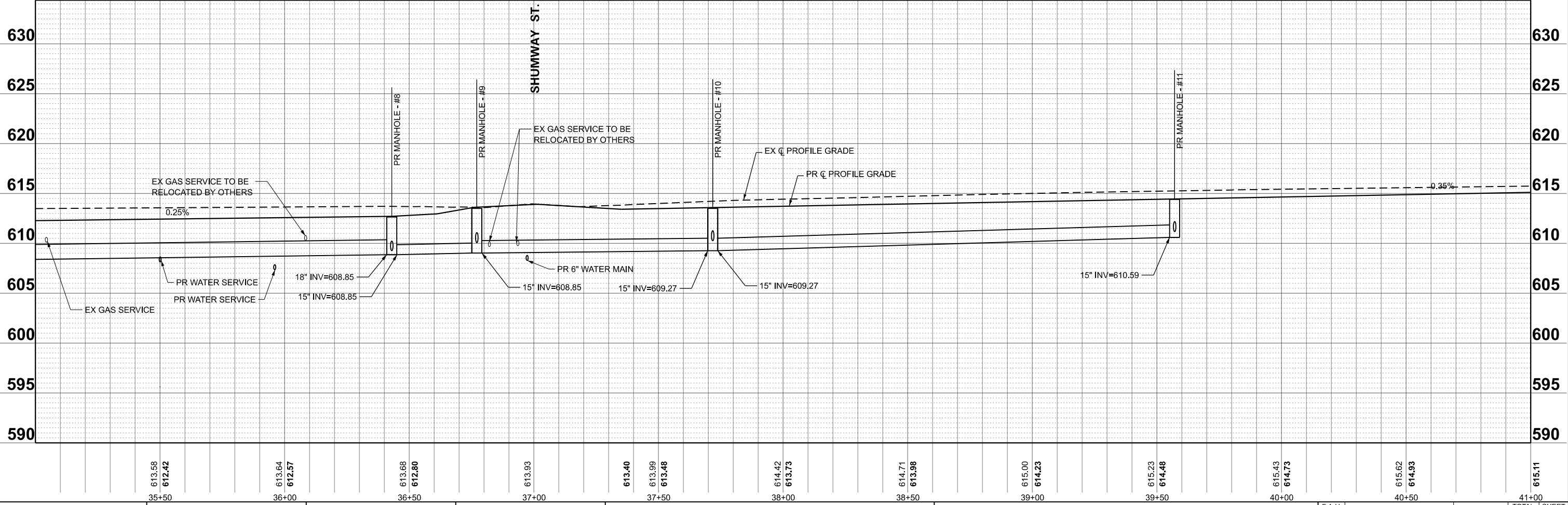
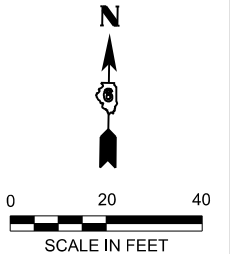
STORM SEWER SCHEDULE (FOR SHEET 25)

STRUCTURE #	STATION	OFFSET	DESCRIPTION	ELEVATIONS
MH-8	36+43	5.2' LT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV=612.63 15" W INV = 608.85 12" N INV = 609.26 15" E INV = 608.85 12" S INV = 609.26
MH-9	36+77	5.1' LT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV=613.49 15" W INV = 609.03 12" N INV = 610.07 15" E INV = 609.03 12" S INV = 610.07
MH-10	37+22	5.0' LT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV=613.69 15" W INV = 609.27 12" N INV = 610.26 15" E INV = 609.27 12" S INV = 610.26
MH-11	39+57	5.5' LT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV=614.41 15" W INV = 610.59 12" N INV = 611.17 12" S INV = 611.17

STRUCTURE #	STATION	OFFSET	DESCRIPTION	ELEVATIONS
I-19	36+43	14.5 LT	INLET, TYPE A, TYPE 11 FRAME AND GRATE	FLOW LINE = 612.45 INV = 609.7
I-20	36+43	14.8 RT	INLET, TYPE A, TYPE 11 FRAME AND GRATE	FLOW LINE = 612.45 INV = 610.45
I-21	36+76	17.6 LT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 613.2 INV = 610.7
I-22	36+77	17.6 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 612.9 INV = 610.9
I-23	37+21	17.6 LT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 613.2 INV = 610.8
I-24	37+22	17.6 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 613.1 INV = 611.1
I-25	39+57	14.5 LT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 614.2 INV = 611.7

STORM SEWER PIPE SCHEDULE (FOR SHEET 25)

PIPE #	DESCRIPTION	LENGTH
STM-25B	15" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 0.3%	142'
STM-26	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 5.5%	8'
STM-27	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 6.4%	18.7'
STM-28	15" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 0.6%	32.1'
STM-29	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 5.7%	11.1'
STM-30	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 3.8%	21.7'
STM-31	12" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 0.6%	42.7'
STM-32	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 4.9%	11'
STM-33	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 4.0%	21.1'
STM-34	12" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 0.6%	233.4'
STM-35	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 6.9%	7.7'
STM-36	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 5.5%	18.7'



MODEL: P:\CL\WESTCROSS-D67878-W Main-Cross-Plan 1 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (2)-00065-00-RS\CADD Sheets\23-27-D67878-st Storm-Plan\Prof.dgn



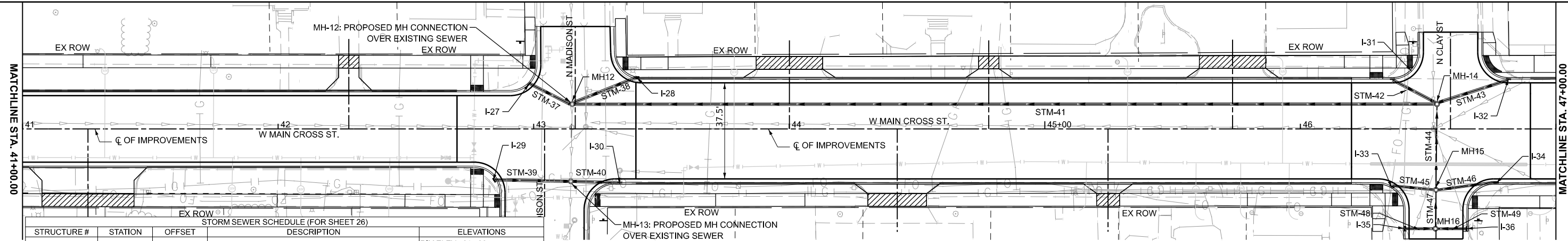
USER NAME = gsturjeon	DESIGNED - GJS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM SEWER PLAN AND PROFILE
WEST MAIN CROSS STREET ROADWAY IMPROVEMENTS

SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. 35+00.00 TO STA. 41+00.00

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 27
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

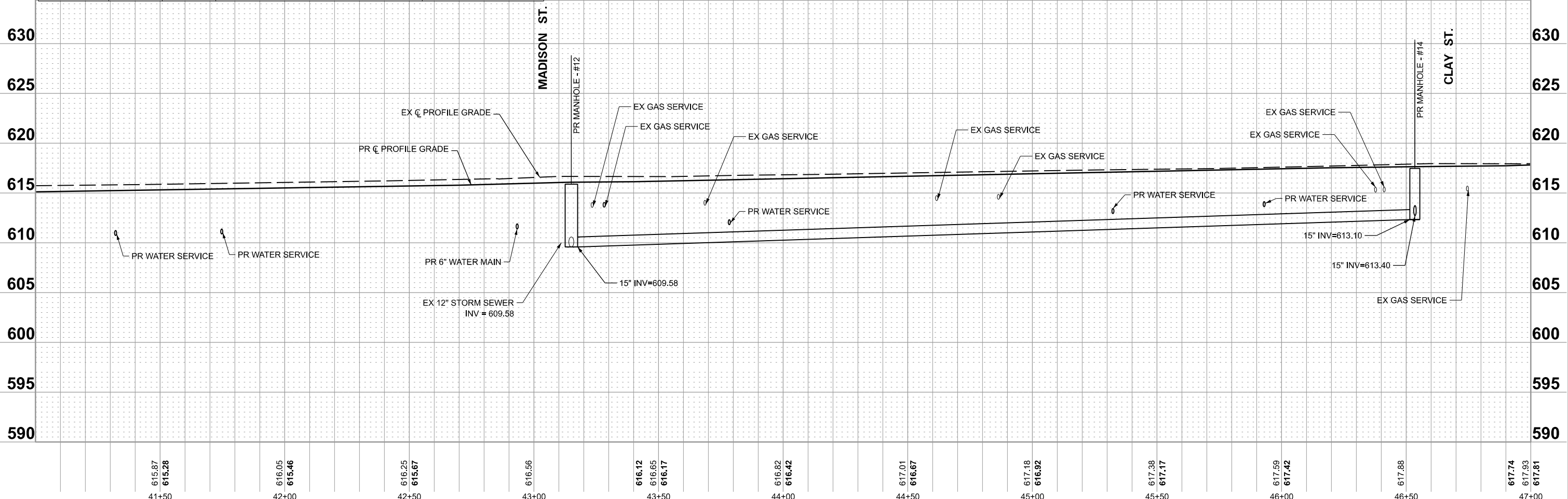
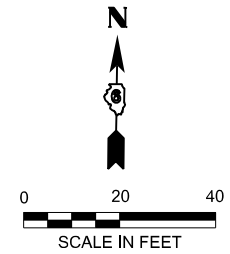


STRUCTURE #	STATION	OFFSET	DESCRIPTION	ELEVATIONS
MH-12	43+15	9.70' LT	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	RIM ELEV = 615.88 12" NW INV = 613.53 12" N INV = 609.58 12" NE INV = 613.24 12" E INV = 609.58 12" S INV = 609.58
MH-13	43+15	20.46' RT	PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER	RIM ELEV = 615.78 12" W INV = 613.31 12" N INV = 609.38 12" E INV = 613.43 15" S INV = 609.38
MH-14	46+53	9.69' LT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV = 617.46 12" W INV = 613.10 12" N INV = 614.04 12" NE INV = 614.04 12" S INV = 613.4
MH-15	46+53	23.74' RT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV = 617.31 12" W INV = 613.89 12" N INV = 613.78 12" E INV = 613.89 12" S INV = 613.78
MH-16	46+53	38.95' RT	48" MANHOLE, TYPE A W/ FLAT TOP, TYPE 1 FRAME W/ CLOSED LID	RIM ELEV = 617.36 12" W INV = 613.94 12" N INV = 613.94 12" E INV = 613.98

STRUCTURE #	STATION	OFFSET	DESCRIPTION	ELEVATIONS
I-27	42+98	17.5 LT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 615.7 INV = 613.7
I-28	43+40	20.2 LT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 615.5 INV = 613.5
I-29	42+86	20.31 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 615.6 INV = 613.6
I-30	43+34	21 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 615.6 INV = 613.6
I-31	46+36	19.5 LT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 617.1 INV = 615.1
I-32	46+81	19.5 LT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 617.1 INV = 615.1
I-33	46+36	22.5 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 617.2 INV = 614.7
I-34	46+77	20.8 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 617.09 INV = 615.2
I-35	46+41	39 RT	INLET, TYPE A, TYPE 11V FRAME AND GRATE	FLOW LINE = 617.02 INV = 614.7

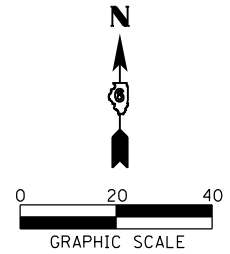
STRUCTURE #	LOCATION	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE (EACH)	PROPOSED MANHOLE CONNECTION OVER EXISTING STORM (EACH)
MH-12	43+15	9.7' LT	1
MH-13	43+15	20.5' RT	1

PIPE #	DESCRIPTION	LENGTH
STM-37	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.0%	17.3'
STM-38	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.0%	25.7'
STM-39	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.0%	28.7'
STM-40	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.0%	17'
STM-41	15" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 1.0%	336.4'
STM-42	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 5.6%	18.9'
STM-43	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 4.1%	25.6'
STM-44	15" RCCP RUBBER GASKET CLASS A, TYPE 1 @ 1.2%	31.4'
STM-45	10" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 5.0%	16.1'
STM-46	10" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 6.0%	21.7'
STM-47	12" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 1.2%	13.2'
STM-48	10" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 7.2%	10.5'
STM-49	10" CLASS B (WATERMAIN QUALITY), TYPE 1 @ 4.3%	10.8'

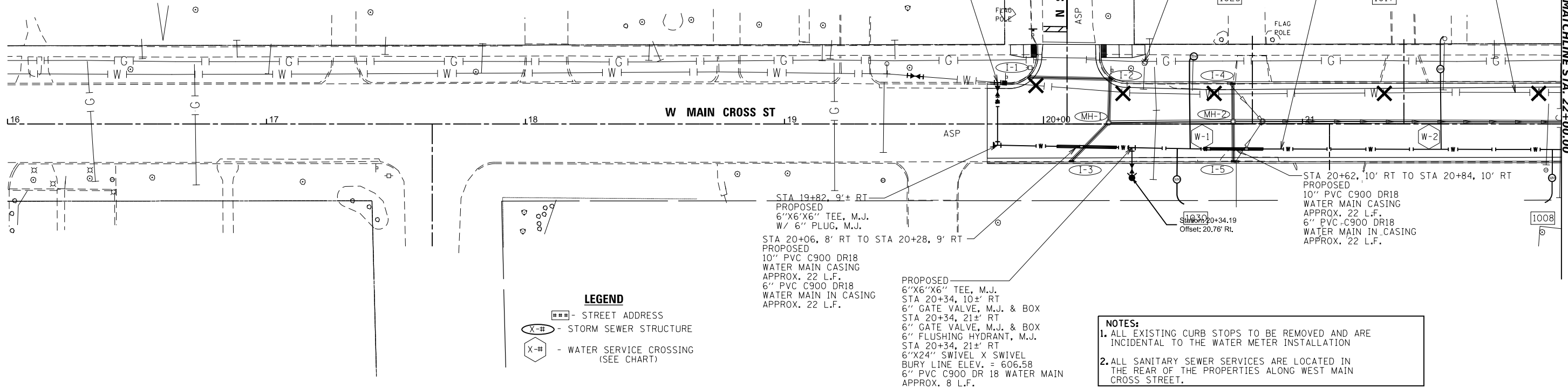


MODEL: P:\CL\WESTCROSS-D67878-W Main-Cross-Plan 4 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\24-28-D67878-eh1_Wcross-Storm-PlanProf.dgn

BENTLEY & ASSOCIATES, INC. CONSULTING ENGINEERS / LAND SURVEYORS 1070 WEST LAKESHORE AVE. JACKSONVILLE, IL 62550 PHONE: 217-245-4186 FAX: 217-245-4189 IL DESIGN FIRM REGISTRATION NO. 184-000882	USER NAME = gsturjeon PLOT DATE = 6/16/2025	DESIGNED - GJS DRAWN - RDS CHECKED - SJB DATE - JUNE 2025	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		STORM SEWER PLAN AND PROFILE WEST MAIN CROSS STREET ROADWAY IMPROVEMENTS				F.A.U. RTE. 7878 SECTION 20-00065-00-RS COUNTY CHRISTIAN ILLINOIS FED. AID PROJECT	TOTAL SHEETS 77 SHEET NO. 28 CONTRACT NO. 93841
	SCALE: 1"=20'		SHEET 5 OF 5 SHEETS		STA. 41+00.00 TO STA. 47+00.00						



PROPOSED
 4"X4" TAPPING SLEEVE W/
 4" TAPPING VALVE, M.J. & BOX
 STA 19+82, 16'± LT
 6"X4" CONC. REDUCER, M.J.
 STA 19+51, 19'± LT
 4" LINE STOP
 STA 19+85 16'± LT
 4" BLOCK & PLUG, M.J.



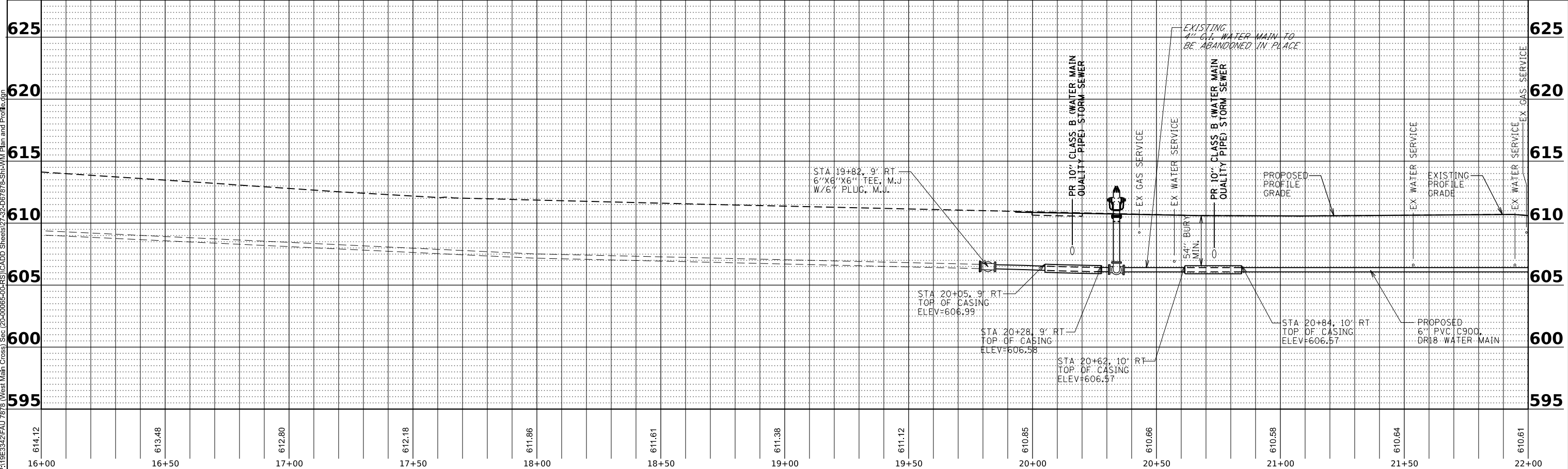
LEGEND
 [---] - STREET ADDRESS
 (X-#) - STORM SEWER STRUCTURE
 (X-#) - WATER SERVICE CROSSING (SEE CHART)

STA 19+82, 9'± RT
 PROPOSED
 6"X6"X6" TEE, M.J.
 W/ 6" PLUG, M.J.

STA 20+06, 8' RT TO STA 20+28, 9' RT
 PROPOSED
 10" PVC C900 DR18
 WATER MAIN CASING
 APPROX. 22 L.F.
 6" PVC C900 DR18
 WATER MAIN IN CASING
 APPROX. 22 L.F.

PROPOSED
 6"X6"X6" TEE, M.J.
 STA 20+34, 10'± RT
 6" GATE VALVE, M.J. & BOX
 STA 20+34, 21'± RT
 6" GATE VALVE, M.J. & BOX
 6" FLUSHING HYDRANT, M.J.
 STA 20+34, 21'± RT
 6"X24" SWIVEL X SWIVEL
 BURY LINE ELEV. = 606.58
 6" PVC C900 DR 18 WATER MAIN
 APPROX. 8 L.F.

NOTES:
 1. ALL EXISTING CURB STOPS TO BE REMOVED AND ARE INCIDENTAL TO THE WATER METER INSTALLATION
 2. ALL SANITARY SEWER SERVICES ARE LOCATED IN THE REAR OF THE PROPERTIES ALONG WEST MAIN CROSS STREET.



MODEL: S:\WM - WM-Plan 2 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\27-32-067878-Shh-WM-Plan and Profile.dgn



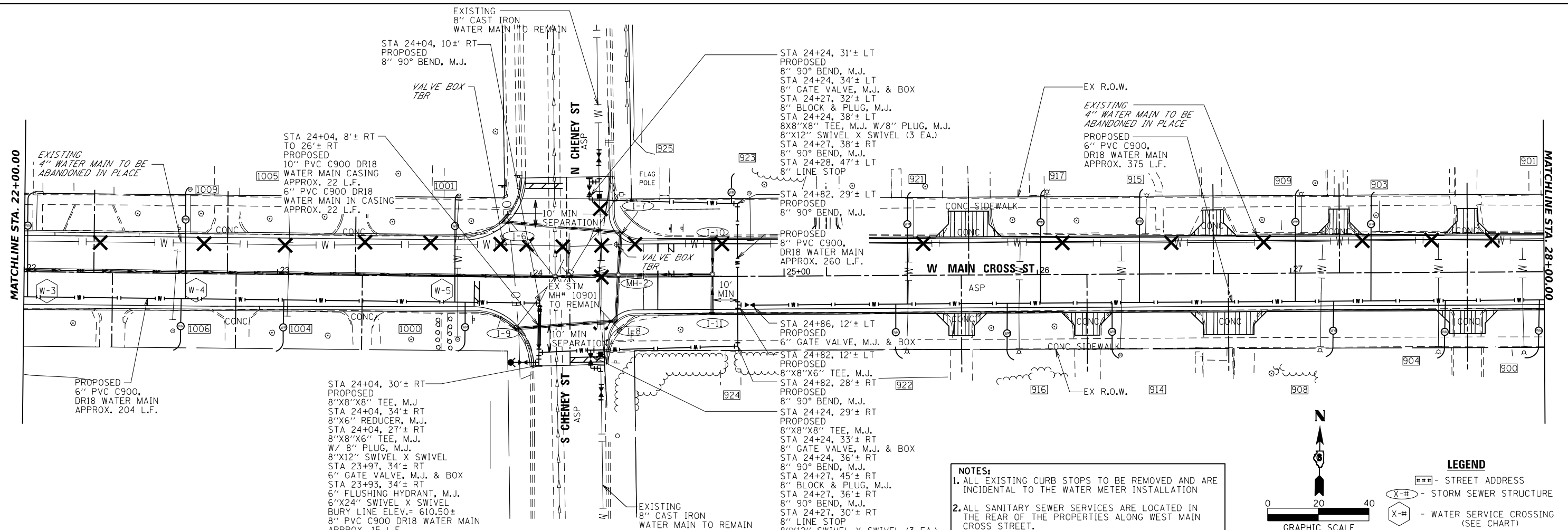
USER NAME = rshaw	DESIGNED - JLH	REVISED - .
	DRAWN - ARH	REVISED - .
	CHECKED - JAM	REVISED - .
PLOT DATE = 3/24/2025	DATE - JUNE 2025	REVISED - .

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WATER MAIN PLAN AND PROFILE
 WEST MAIN CROSS ROADWAY IMPROVEMENTS**

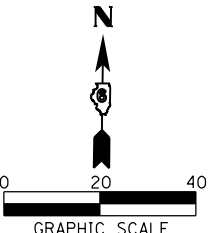
SCALE: 1"=20' SHEET 1 OF 6 SHEETS STA. 19+80.00 TO STA. 22+00.00

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 29
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



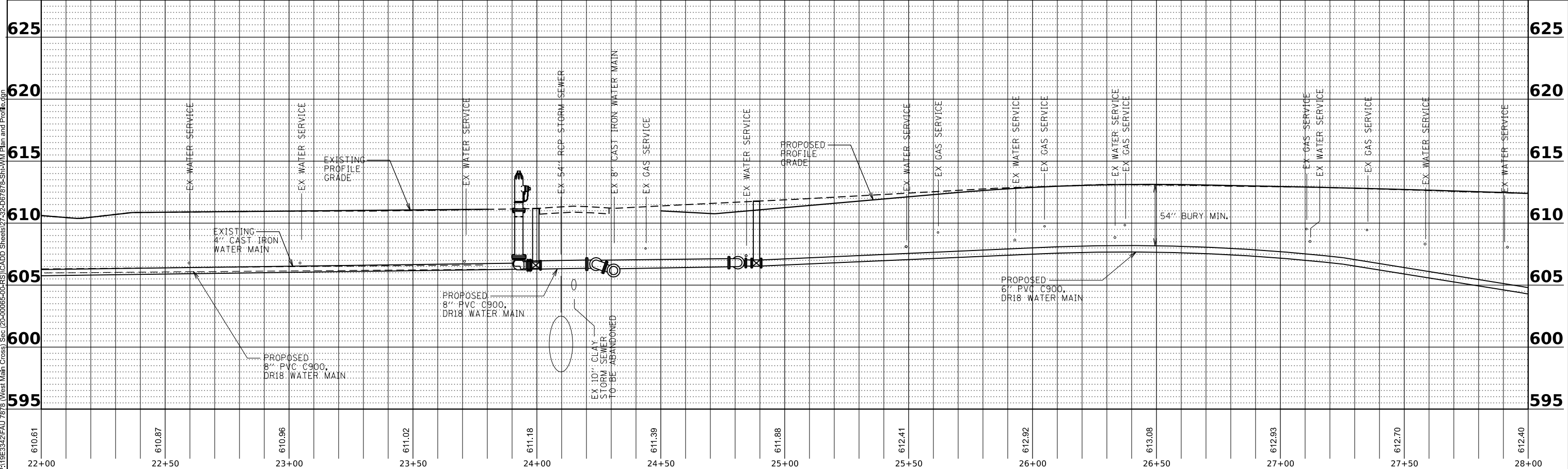
NOTES:

1. ALL EXISTING CURB STOPS TO BE REMOVED AND ARE INCIDENTAL TO THE WATER METER INSTALLATION
2. ALL SANITARY SEWER SERVICES ARE LOCATED IN THE REAR OF THE PROPERTIES ALONG WEST MAIN CROSS STREET.



LEGEND

##	- STREET ADDRESS
X-#	- STORM SEWER STRUCTURE
X-#	- WATER SERVICE CROSSING (SEE CHART)



MODEL: S_WM - WM-Plan 3 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\27-32-067878-Sh-WM-Plan and Profile.dgn

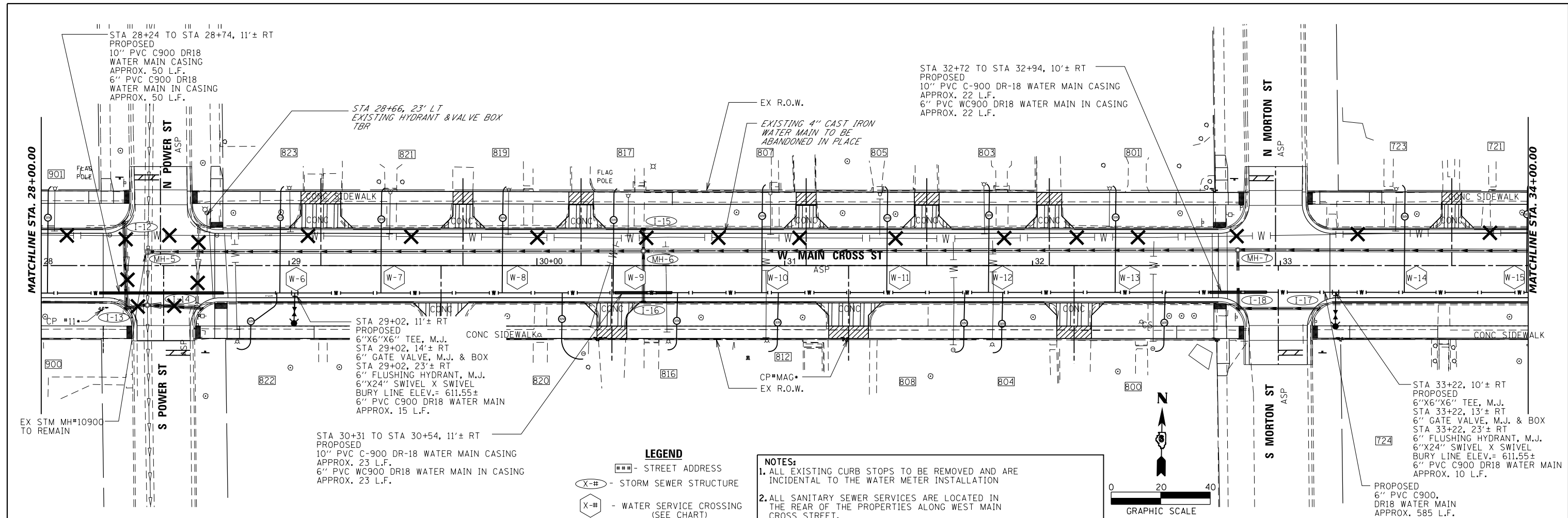


USER NAME = rshaw	DESIGNED - JLH	REVISED - ####
	DRAWN - ARH	REVISED - ####
	CHECKED - JAM	REVISED - ####
PLOT DATE = 3/24/2025	DATE - JUNE 2025	REVISED - ####

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

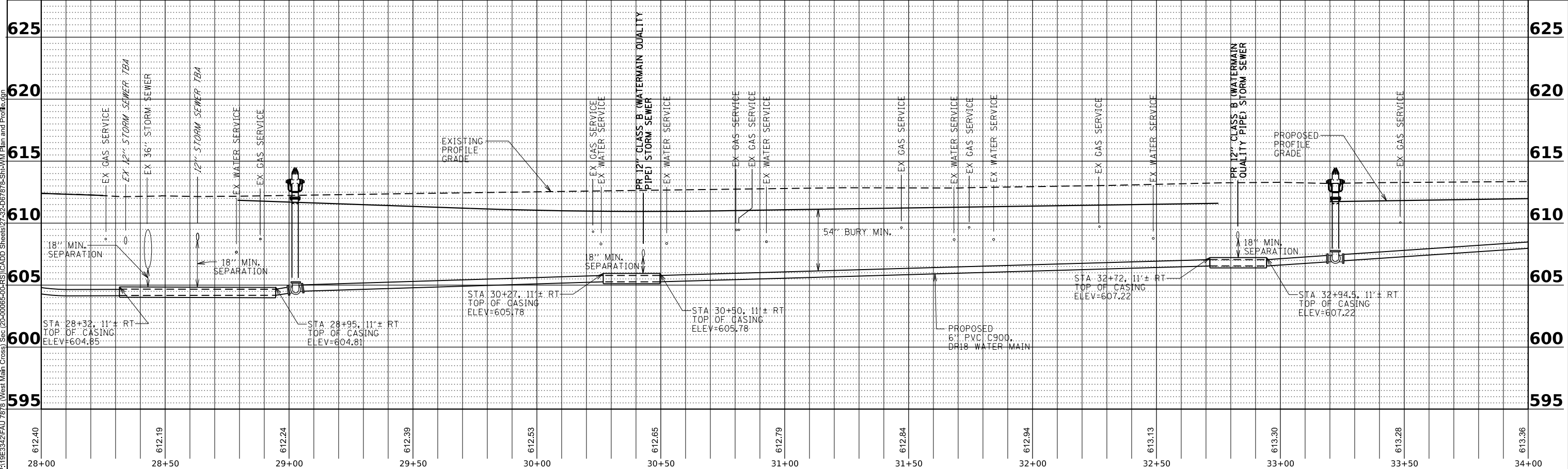
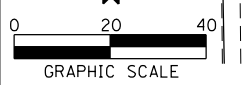
WATER MAIN PLAN AND PROFILE			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=20'	SHEET 2	OF 6 SHEETS	STA. 22+00.00 TO STA. 28+00.00

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 30
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



NOTES:

- ALL EXISTING CURB STOPS TO BE REMOVED AND ARE INCIDENTAL TO THE WATER METER INSTALLATION
- ALL SANITARY SEWER SERVICES ARE LOCATED IN THE REAR OF THE PROPERTIES ALONG WEST MAIN CROSS STREET.



MODEL: S_WMM-WM4-Plan.d (Sheet)
 FILE NAME: P:\18E3342\FAU\7878 (West Main Cross) Sec. (20-00065-00-RS)\CADD Sheets\27-32-067878-Sh-WM4-Plan and Profile.dgn

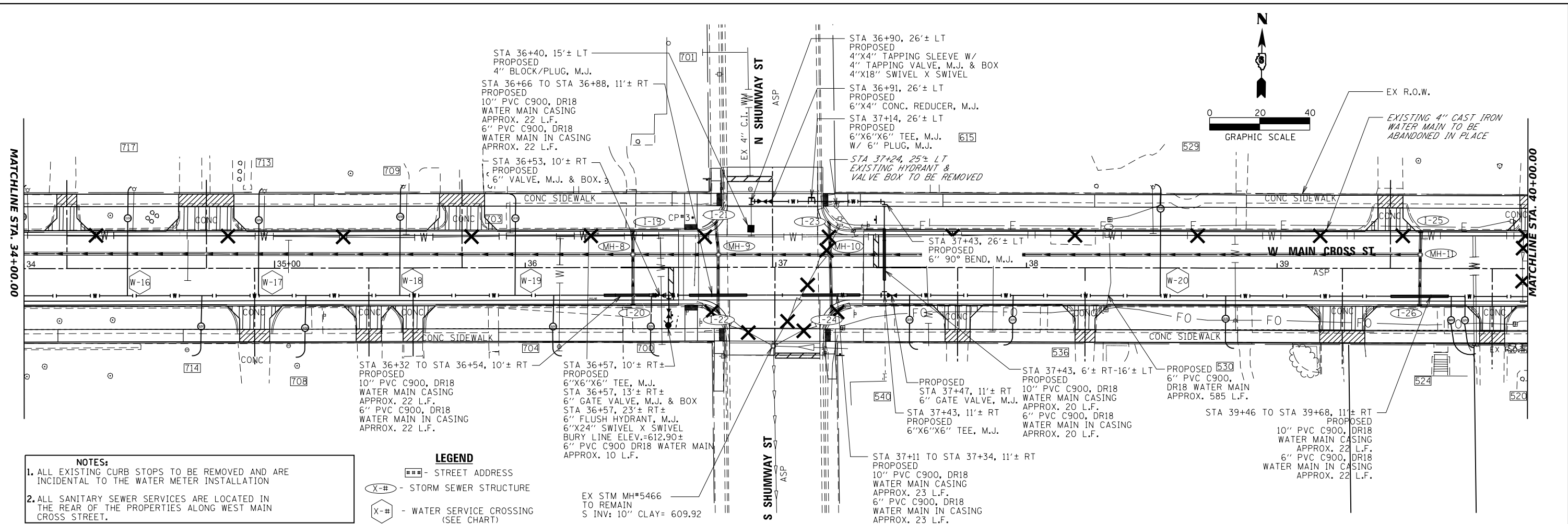
BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1070 WEST LINCOLN STREET
 JACKSONVILLE, IL 62650
 PHONE: 217-264-1188 FAX: 217-264-1189
 IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = rshaw	DESIGNED - JLH	REVISED - .
	DRAWN - ARH	REVISED - .
	CHECKED - JAM	REVISED - .
PLOT DATE = 3/24/2025	DATE - JUNE 2025	REVISED - .

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

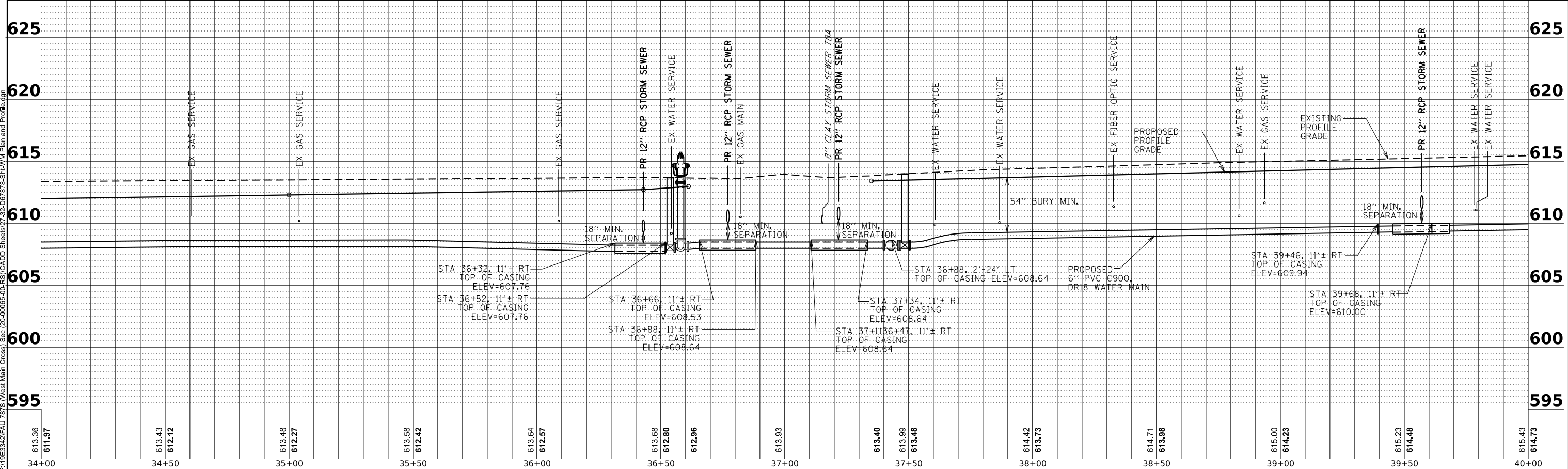
WATER MAIN PLAN AND PROFILE WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=20'	SHEET 3	OF 6 SHEETS	STA. 28+00.00 TO STA. 34+00.00

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 31
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



- NOTES:**
- ALL EXISTING CURB STOPS TO BE REMOVED AND ARE INCIDENTAL TO THE WATER METER INSTALLATION
 - ALL SANITARY SEWER SERVICES ARE LOCATED IN THE REAR OF THE PROPERTIES ALONG WEST MAIN CROSS STREET.

- LEGEND**
- - STREET ADDRESS
 - # - STORM SEWER STRUCTURE
 - ⊗-# - WATER SERVICE CROSSING (SEE CHART)



MODEL: S_WMM - WMM-Plan 5 (Sheet)
 FILE NAME: P:\19E3342\FAU\7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\27-32-067878-Shumway-Plan and Profile.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1070 WEST LAMAR STREET
 JACKSONVILLE, IL 62250
 PHONE: 217-265-4188 FAX: 217-265-4189
 IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = rshaw	DESIGNED - JLH	REVISED - .
	DRAWN - ARH	REVISED - .
	CHECKED - JAM	REVISED - .
PLOT DATE = 3/24/2025	DATE - JUNE 2025	REVISED - .

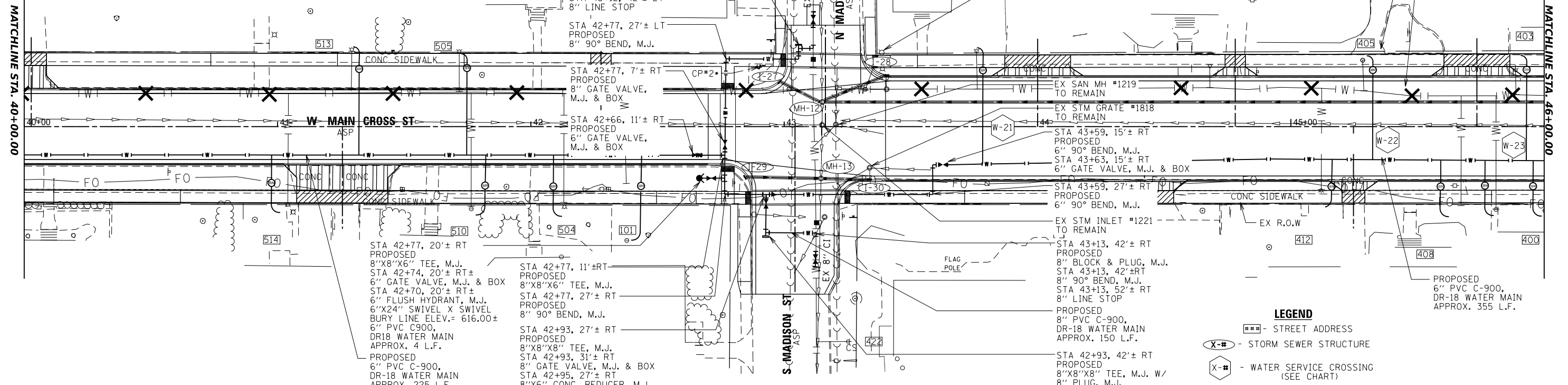
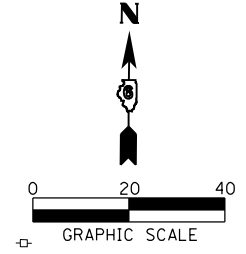
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WATER MAIN PLAN AND PROFILE
 WEST MAIN CROSS ROADWAY IMPROVEMENTS**

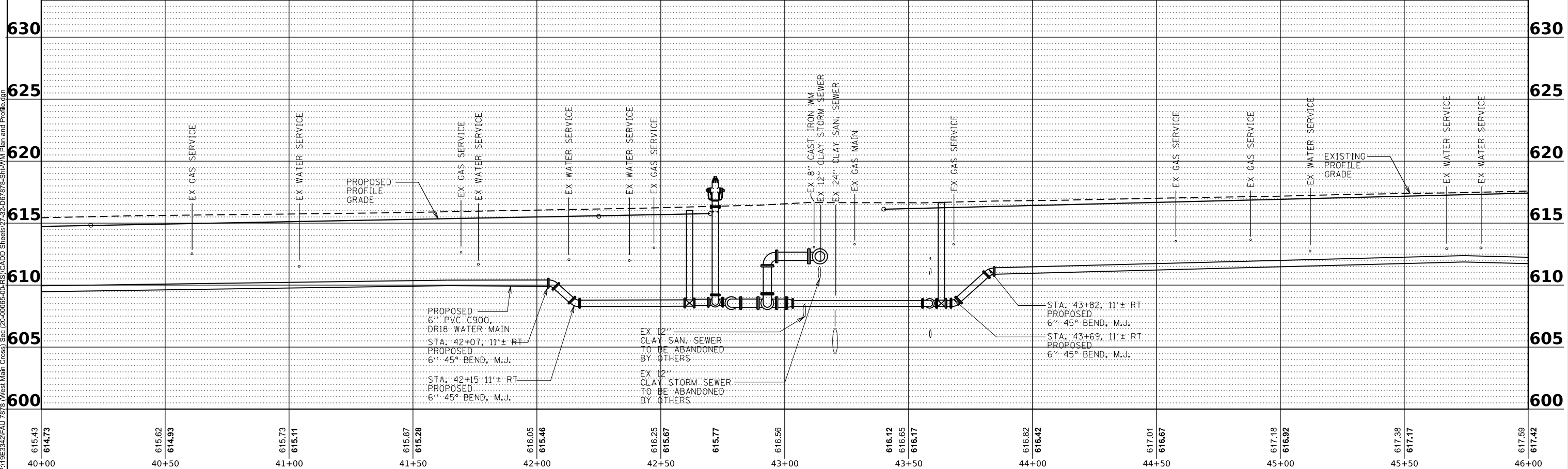
SCALE: 1"=20' SHEET 4 OF 6 SHEETS STA. 34+00.00 TO STA. 40+00.00

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 32
CONTRACT NO. 93841			ILLINOIS FED. AID PROJECT	

NOTES:
 1. ALL EXISTING CURB STOPS TO BE REMOVED AND ARE INCIDENTAL TO THE WATER METER INSTALLATION
 2. ALL SANITARY SEWER SERVICES ARE LOCATED IN THE REAR OF THE PROPERTIES ALONG WEST MAIN CROSS STREET.



LEGEND
 ■■■ - STREET ADDRESS
 (X-#) - STORM SEWER STRUCTURE
 (X-#) - WATER SERVICE CROSSING (SEE CHART)



MODEL: S_WM - WM Plan 6 (Sheet)
 FILE NAME: P:\19E332\FAU\7878 - West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\27-32-067878-Sh-Main Plan and Profile.dgn

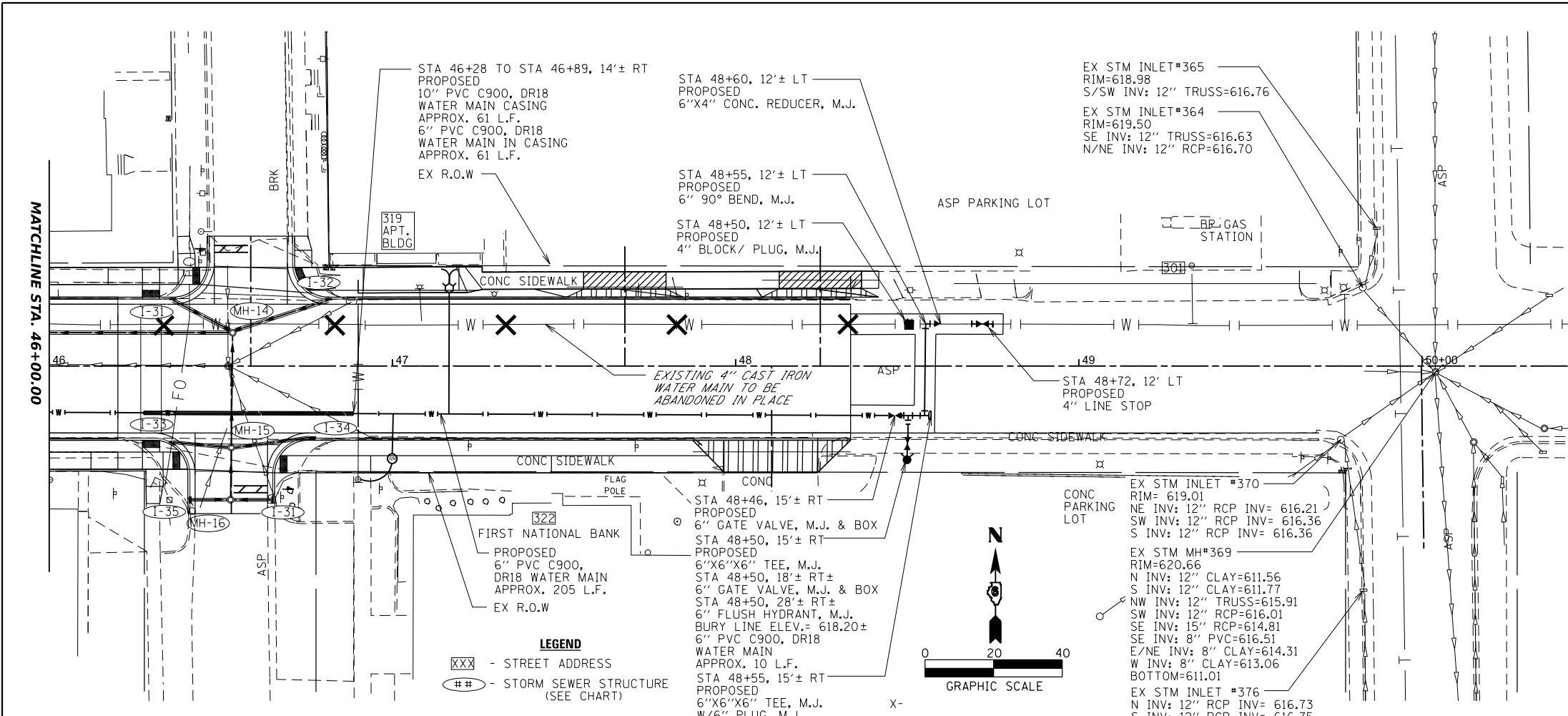
BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1070 WEST LAMAR STREET
 JACKSONVILLE, IL 62250
 PHONE: 217-265-8188 FAX: 217-265-1189
 IL DESIGN FIRM REGISTRATION NO. 194-000852

USER NAME = rshaw	DESIGNED - JLH	REVISED - .
	DRAWN - ARH	REVISED - .
	CHECKED - JAM	REVISED - .
PLOT DATE = 3/24/2025	DATE - JUNE 2025	REVISED - .

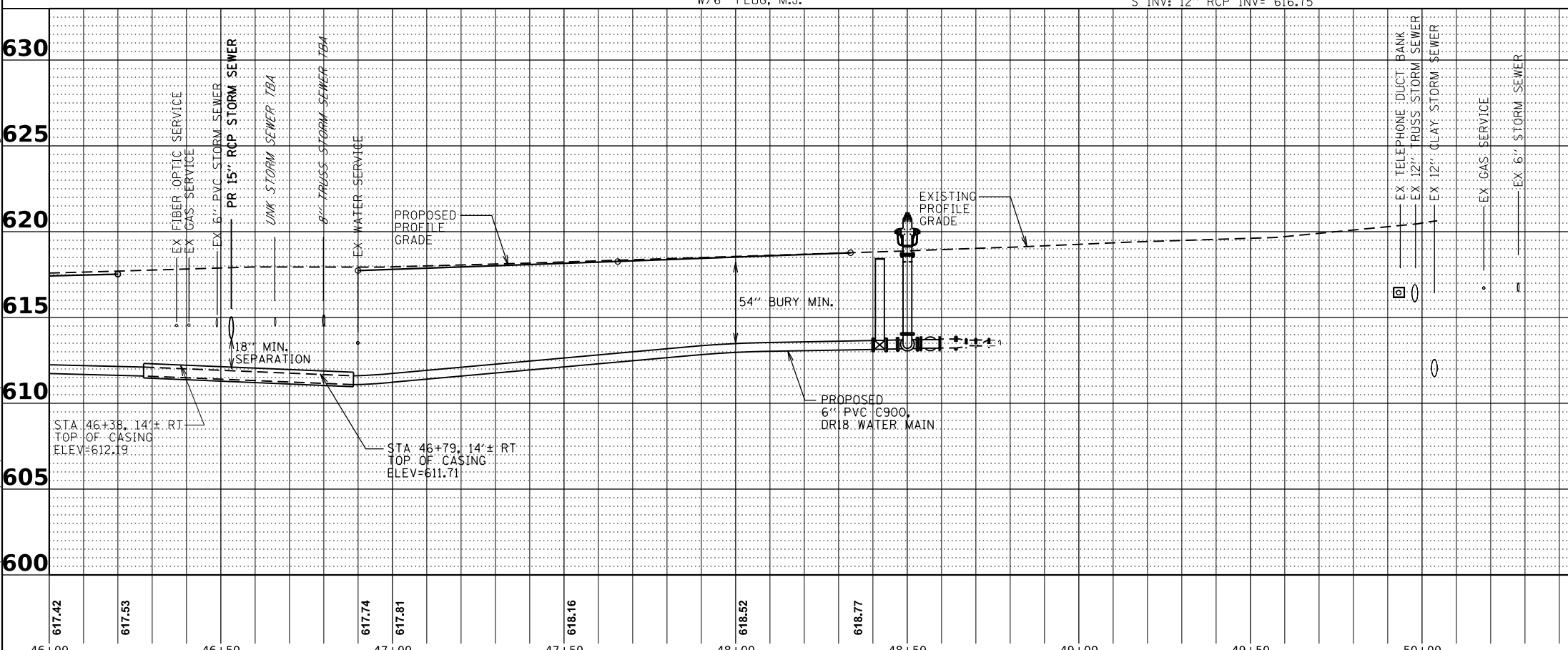
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WATER MAIN PLAN AND PROFILE
WEST MAIN CROSS ROADWAY IMPROVEMENTS
 SCALE: 1"=20'
 SHEET 5 OF 6 SHEETS
 STA. 40+00.00 TO STA. 46+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	33
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



WATER SERVICE SEWER CROSSINGS				
SERVICE #	STATION	OFFSET	DESCRIPTION	ELEVATIONS
W-1	20+51.76	0.39' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 606.00
W-2	21+96.61	0.34' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 604.00
W-3	22+62.20	0.32' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 606.00
W-4	23+02.71	0.30' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 606.00
W-5	23+74.02	0.28' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 607.50
W-6	28+96.38	0.65' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 608.00
W-7	29+37.13	0.72' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 608.00
W-8	29+86.13	0.80' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 608.00
W-9	30+34.30	0.88' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 609.00
W-10	30+90.80	0.97' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 609.00
W-11	31+41.30	1.05' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 608.50
W-12	31+82.34	1.12' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 608.50
W-13	32+33.43	1.21' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 608.80
W-14	33+50.10	1.12' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 609.50
W-15	33+99.45	0.97' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 609.50
W-16	34+41.34	0.83' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 609.50
W-17	34+93.64	0.67' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 609.75
W-18	35+50.04	0.49' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 609.70
W-19	35+96.01	0.34' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 606.00
W-20	38+53.43	0.30' LT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 607.00
W-21	43+78.38	1.95' RT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 612.30
W-22	45+32.31	1.22' RT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 613.00
W-23	45+93.03	0.59' RT	WATER SERVICE BURY ELEV. @ EACH SIDE OF STORM SEWER	BURY ELEV = 613.40



NOTES:
 1. ALL EXISTING CURB STOPS TO BE REMOVED AND ARE INCIDENTAL TO THE WATER METER INSTALLATION.
 2. ALL SANITARY SEWER SERVICES ARE LOCATED IN THE REAR OF THE PROPERTIES ALONG WEST MAIN CROSS STREET.

MODEL: S:\MM-1\MM-Plan 7 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\27-32-067878-Sh-Main Plan and Profile.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1070 WEST LAMAR STREET
 JACKSONVILLE, IL 62250
 PHONE: 217-264-1188 FAX: 217-264-1189
 IL DESIGN FIRM REGISTRATION NO. 194-000852

USER NAME = rshaw	DESIGNED - JLH	REVISED - .
	DRAWN - ARH	REVISED - .
	CHECKED - JAM	REVISED - .
PLOT DATE = 3/24/2025	DATE - JUNE 2025	REVISED - .

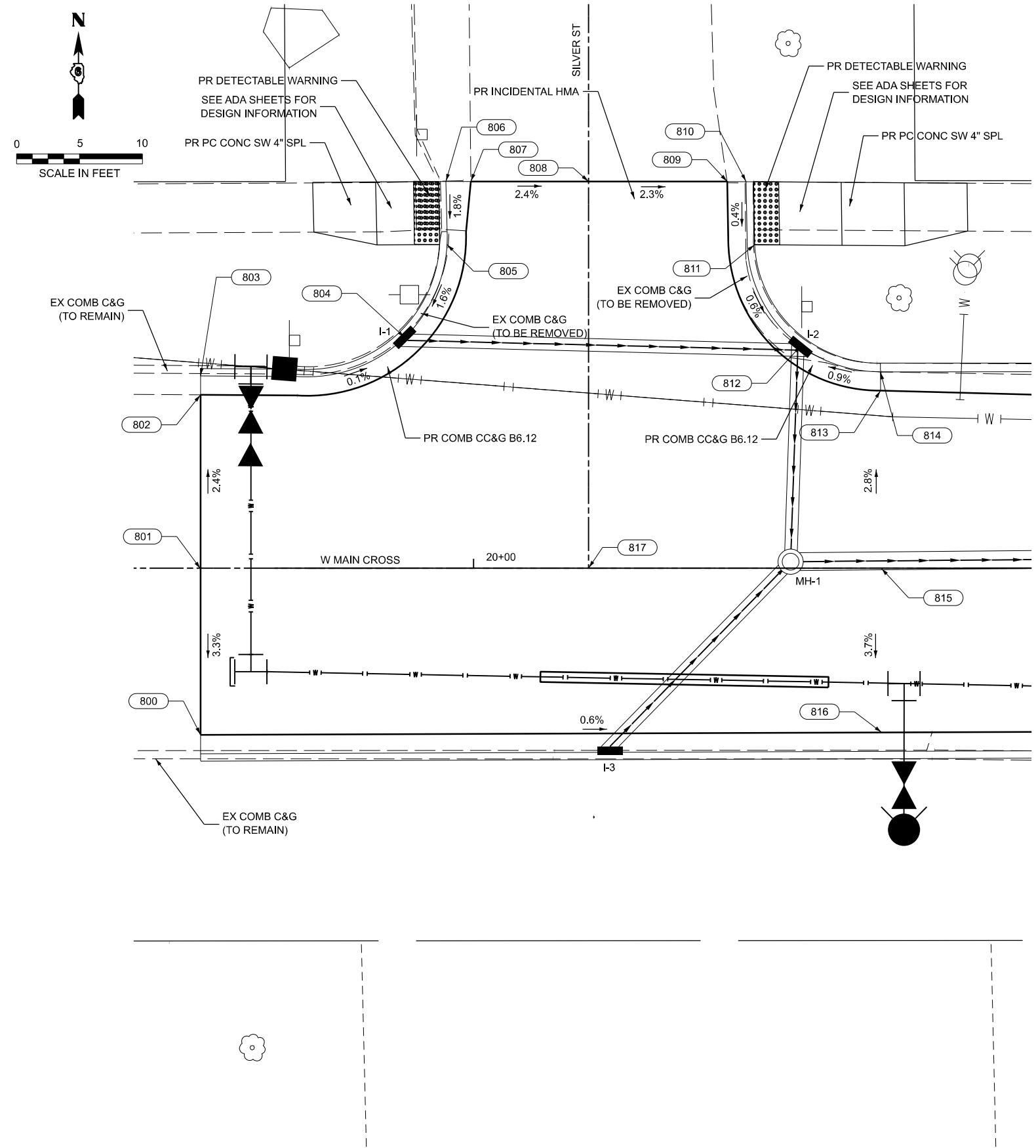
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WATER MAIN PLAN AND PROFILE
 WEST MAIN CROSS ROADWAY IMPROVEMENTS**

SCALE: 1"=20' SHEET 6 OF 6 SHEETS STA. 46+00.00 TO STA. 48+60.00

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 34
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

INTERSECTION SILVER ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
800	19+78.32	13.21' RT	±610.55	EDGE OF PAVEMENT (MATCH EX)
801	19+78.32	0	±610.97	CENTERLINE W MAIN CROSS/EDGE OF PAVEMENT (MATCH EX)
802	19+78.32	13.72' LT	±610.62	EDGE OF PAVEMENT (MATCH EX)
803	19+78.32	15.22' LT	±610.62	FLOWLINE (MATCH EX)
804	19+94.52	18.32' LT	610.60	FLOWLINE (I-1)
805	19+97.89	25.70' LT	610.73	FLOWLINE
806	19+97.81	30.70' LT	±610.82	FLOWLINE (MATCH EX)
807	19+99.79	30.70' LT	±610.90	EDGE OF PAVEMENT (MATCH EX)
808	20+09.14	30.70' LT	±610.68	CENTERLINE SILVER ST/EDGE OF PAVEMENT (MATCH EX)
809	20+20.15	30.70' LT	±610.43	EDGE OF PAVEMENT (MATCH EX)
810	20+21.65	30.69' LT	±610.34	FLOWLINE
811	20+22.33	25.68' LT	610.32	BACK OF CURB
812	20+25.98	17.66' LT	610.27	FLOWLINE (I-2)
813	20+32.34	14.10' LT	610.33	EDGE OF PAVEMENT (MATCH EX)
814	20+32.32	15.60' LT	610.28	FLOWLINE (MATCH EX)
815	20+32.39	0	610.72	CENTERLINE W MAIN CROSS (MATCH EX)
816	20+32.44	13.04' RT	610.24	EX PAVEMENT (MATCH EX)
817	20+09.14	0	±610.79	CENTERLINE W MAIN CROSS/CENTERLINE SILVER ST



MODEL: Cross_at_Chenev [Sheet]
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\35-40-D67778-eh-Intersections.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1075 WEST LAURETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-264-1180 FAX: 217-264-1189
 IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = rshaw	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 3/18/2025	DATE - JUNE 2025	REVISED - .

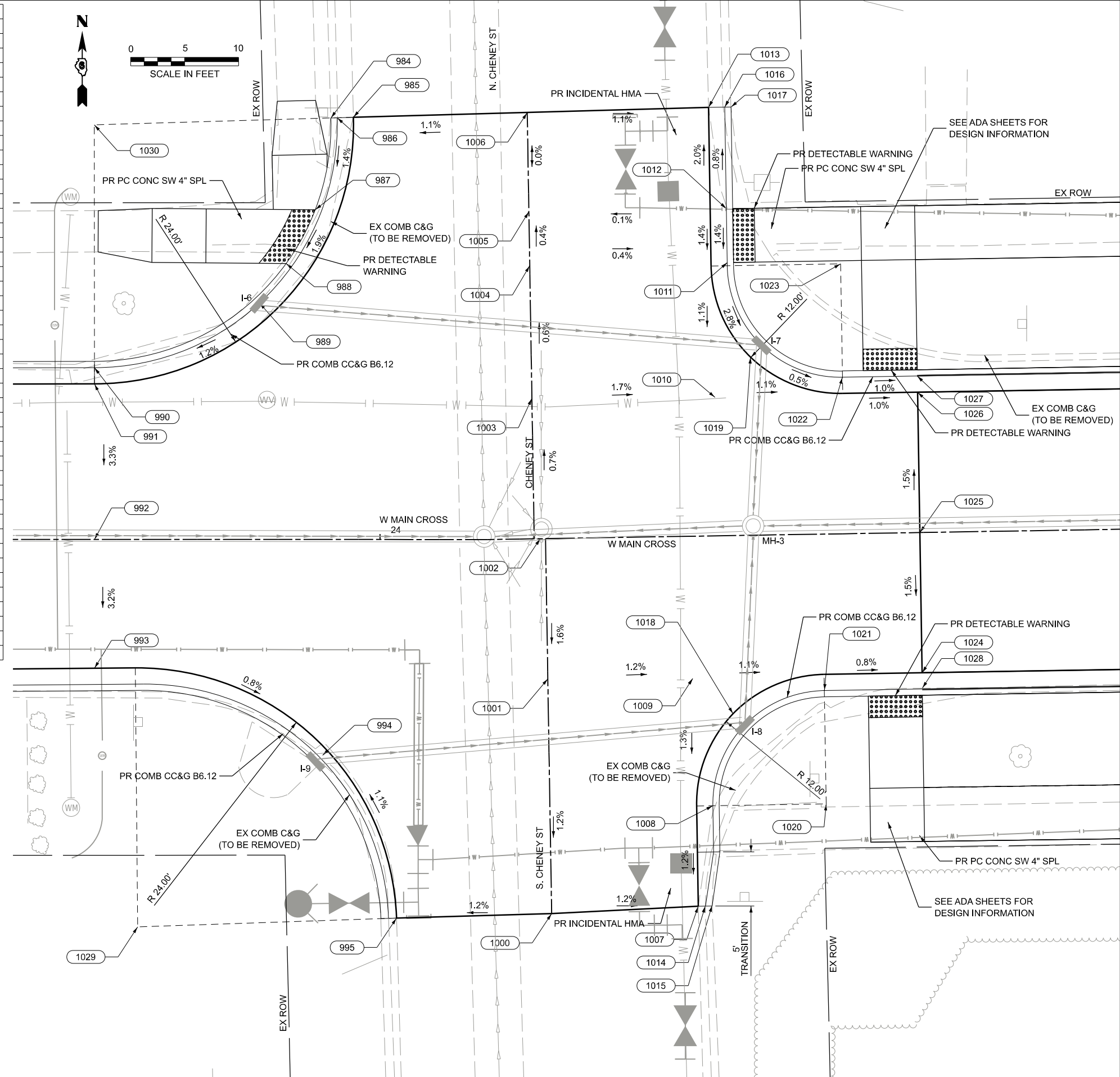
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN
WEST MAIN CROSS ROADWAY IMPROVEMENTS

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	35
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
984	23+95.44	39.06' LT	±610.93	BACK OF CURB (MATCH EX)
985	23+96.03	39.08' LT	±610.99	EDGE OF PAVEMENT (MATCH EX)
986	23+97.53	39.13' LT	±610.90	FLOWLINE (MATCH EX)
987	23+94.62	30.55' LT	610.81	BACK OF CURB
988	23+92.01	25.57' LT	610.76	BACK OF CURB
989	23+88.84	21.92' LT	610.72	FLOWLINE (I-6)
990	23+73.55	15.91' LT	±610.54	FLOWLINE (MATCH EX)
991	23+73.55	14.41' LT	±610.63	EDGE OF PAVEMENT (MATCH EX)
992	23+73.55	0.00' RT	±611.10	CENTERLINE W MAIN CROSS
993	23+73.55	11.94' RT	±610.72	EDGE OF PAVEMENT (MATCH EX)
994	23+94.54	20.31' RT	610.64	FLOWLINE (I-9)
995	24+01.54	35.08' RT	±610.73	EDGE OF PAVEMENT (MATCH EX)
1000	24+15.34	34.75' RT	±610.90	CENTERLINE S CHENEY ST
1001	24+15.03	13.00' RT	611.16	CENTERLINE S CHENEY ST
1002	24+14.84	0.00' RT	611.37	CENTERLINE W MAIN CROSS AND CHENEY ST
1003	24+14.66	13.00' LT	611.28	CENTERLINE N CHENEY ST
1004	24+14.48	25.30' LT	611.21	CENTERLINE N CHENEY ST
1005	24+14.41	30.30' LT	611.19	CENTERLINE N CHENEY ST
1006	24+14.28	39.48' LT	±611.19	CENTERLINE N CHENEY ST
1007	24+28.93	34.29' RT	±610.74	EDGE OF PAVEMENT (MATCH EX)
1008	24+30.43	25.00' RT	610.76	FLOWLINE
1009	24+28.93	13.00' RT	611.00	PAVEMENT - SPOT ELEVATION
1010	24+31.08	13.00' LT	611.00	PAVEMENT - SPOT ELEVATION
1011	24+32.58	25.30' LT	611.04	FLOWLINE
1012	24+32.58	30.29' LT	611.11	FLOWLINE
1013	24+31.08	39.71' LT	611.01	EDGE OF PAVEMENT (MATCH EX)
1014	24+29.60	34.29' RT	±610.69	FACE OF CURB/FLOWLINE (MATCH EX)
1015	24+30.22	34.29' RT	±611.13	BACK OF CURB (MATCH EX)
1016	24+32.58	39.71' LT	±610.95	FACE OF CURB/FLOWLINE (MATCH EX)
1017	24+33.16	39.71' LT	±611.38	BACK OF CURB (MATCH EX)
1018	24+33.50	17.58' RT	610.76	EDGE OF PAVEMENT
1019	24+35.65	17.58' LT	610.91	FLOWLINE
1020	24+40.93	25.00' RT	----	RADIUS POINT
1021	24+40.93	14.50' RT	610.78	FLOWLINE
1022	24+43.08	14.50' LT	610.78	FLOWLINE
1023	24+43.08	25.00' LT	----	RADIUS POINT
1024	24+50.01	13.00' RT	610.80	EDGE OF PAVEMENT
1025	24+50.01	0.00' RT	610.99	CENTERLINE W MAIN CROSS
1026	24+50.01	13.00' LT	610.80	EDGE OF PAVEMENT
1027	24+50.01	14.50' LT	610.71	FLOWLINE
1028	24+50.01	14.50' RT	610.71	FLOWLINE
1029	23+77.55	35.90' RT	----	RADIUS POINT
1030	23+73.55	38.41' RT	----	RADIUS POINT



MODEL: Cross_at_Chenev [Sheet]
 FILE NAME: P:\19E3342FAU 7878 (West Main Cross) Sec (20-00065-00-RS) (CADD Sheets)35-42-D67878-eh-Int-Intersections.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1075 WEST LAURETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-264-1180 FAX: 217-264-1189
 IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = knlchois	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

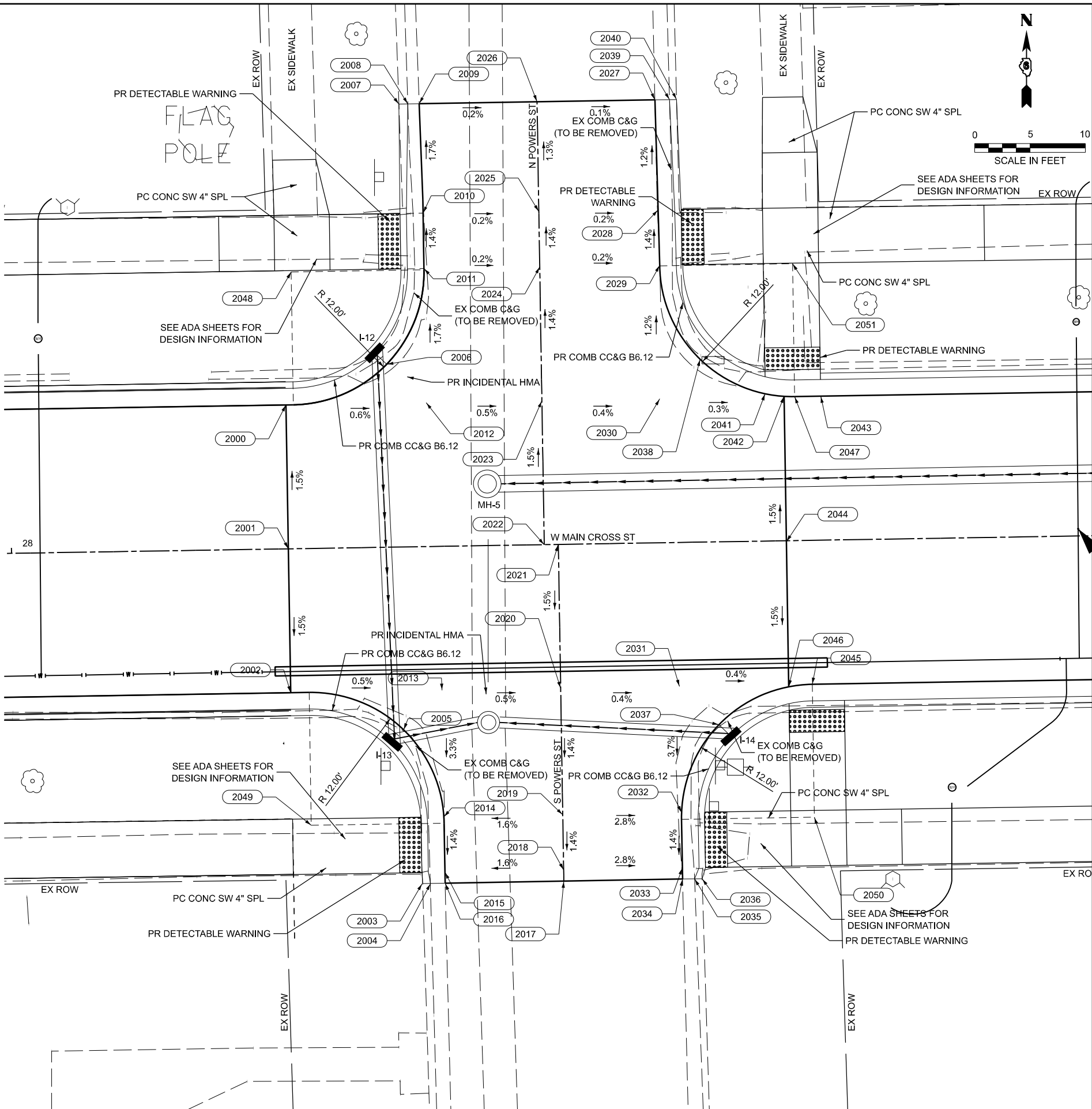
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN
WEST MAIN CROSS ROADWAY IMPROVEMENTS

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	36
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

INTERSECTION POWERS ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
2000	28+25.01	13.00' LT	611.98	EDGE OF PAVEMENT
2001	28+25.01	0.00'	612.18	CENTERLINE W MAIN CROSS
2002	28+25.01	13.00' RT	611.98	EDGE OF PAVEMENT
2003	28+36.65	30.43' RT	±611.57	BACK OF CURB (MATCH EX)
2004	28+37.36	30.43' RT	±611.20	FACE OF CURB/FLOWLINE (MATCH EX)
2005	28+35.16	16.52' RT	611.76	EDGE OF PAVEMENT
2006	28+34.16	16.52' LT	611.85	EDGE OF PAVEMENT
2007	28+35.65	40.00' LT	±611.80	BACK OF CURB (MATCH EX)
2008	28+36.45	40.00' LT	±611.45	FACE OF CURB/FLOWLINE (MATCH EX)
2009	28+37.49	40.00' LT	±611.47	EDGE OF PAVEMENT (MATCH EX)
2010	28+37.68	30.11' LT	611.64	EDGE OF PAVEMENT
2011	28+37.68	25.12' LT	611.71	EDGE OF PAVEMENT
2012	28+37.68	13.00' LT	611.91	SPOT ELEVATION
2013	28+38.71	12.85' RT	611.91	SPOT ELEVATION
2014	28+38.67	24.43' RT	611.53	EDGE OF PAVEMENT
2015	28+38.68	29.43' RT	611.46	EDGE OF PAVEMENT
2016	28+38.68	30.43' RT	±611.32	EDGE OF PAVEMENT (MATCH EX)
2017	28+49.41	30.41' RT	±611.62	EDGE OF PAVEMENT/CENTERLINE S POWERS ST (MATCH EX)
2018	28+49.41	29.41' RT	611.63	CENTERLINE S POWERS ST
2019	28+49.41	24.41' RT	611.70	CENTERLINE S POWERS ST
2020	28+49.41	13.00' RT	611.86	CENTERLINE S POWERS ST
2021	28+49.41	0.00'	612.05	CENTERLINE W MAIN CROSS AND S POWERS ST
2022	28+48.13	0.00'	612.06	CENTERLINE W MAIN CROSS AND N POWERS ST
2023	28+48.13	13.00' LT	611.86	EDGE OF PAVEMENT/CENTERLINE N POWERS ST
2024	28+48.13	25.09' LT	611.69	CENTERLINE W MAIN CROSS AND N POWERS ST
2025	28+48.13	30.09' LT	611.62	CENTERLINE W MAIN CROSS AND N POWERS ST
2026	28+48.13	40.00' LT	±611.49	EDGE OF PAVEMENT/CENTERLINE N POWERS ST (MATCH EX)
2027	28+58.78	40.00' LT	±611.48	EDGE OF PAVEMENT (MATCH EX)
2028	28+58.90	30.06' LT	611.60	EDGE OF PAVEMENT
2029	28+58.97	25.06' LT	611.67	EDGE OF PAVEMENT
2030	28+58.78	13.00' LT	611.82	POT ELEVATION
2031	28+60.13	13.00' RT	611.82	SPOT ELEVATION
2032	28+60.15	24.40' RT	611.40	EDGE OF PAVEMENT
2033	28+60.13	29.30' RT	611.33	EDGE OF PAVEMENT
2034	28+60.13	30.39' RT	±611.18	EDGE OF PAVEMENT (MATCH EX)
2035	28+61.22	30.39' RT	±611.15	FACE OF CURB/FLOWLINE (MATCH EX)
2036	28+61.90	30.39' RT	±611.57	BACK OF CURB (MATCH EX)
2037	28+63.65	16.52' RT	611.60	EDGE OF PAVEMENT
2038	28+62.48	16.52' LT	611.85	EDGE OF PAVEMENT
2039	28+60.10	40.00' LT	±611.43	FACE OF CURB/FLOWLINE (MATCH EX)
2040	28+60.74	40.00' LT	±611.83	BACK OF CURB (MATCH EX)
2041	28+68.30	13.30' LT	611.79	EDGE OF PAVEMENT
2042	28+70.01	13.04' LT	611.79	EDGE OF PAVEMENT
2043	28+73.32	13.00' LT	611.78	EDGE OF PAVEMENT
2044	28+70.01	0.00'	611.98	CENTERLINE W MAIN CROSS
2045	28+72.13	13.00' RT	611.79	EDGE OF PAVEMENT
2046	28+70.01	13.19' RT	611.78	EDGE OF PAVEMENT
2047	28+70.97	13.00' LT	611.78	EDGE OF PAVEMENT
2048	28+25.68	25.00' LT	----	RADIUS POINT
2049	28+26.68	25.00' RT	----	RADIUS POINT
2050	28+72.13	25.00' RT	----	RADIUS POINT
2051	28+70.97	25.00' LT	----	RADIUS POINT



MODEL: Cross_at_Powers (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\35-42-D67878-SPH-Intersections.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1075 WEST LAURETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-264-1181 FAX: 217-264-1183
 IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = knichois	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

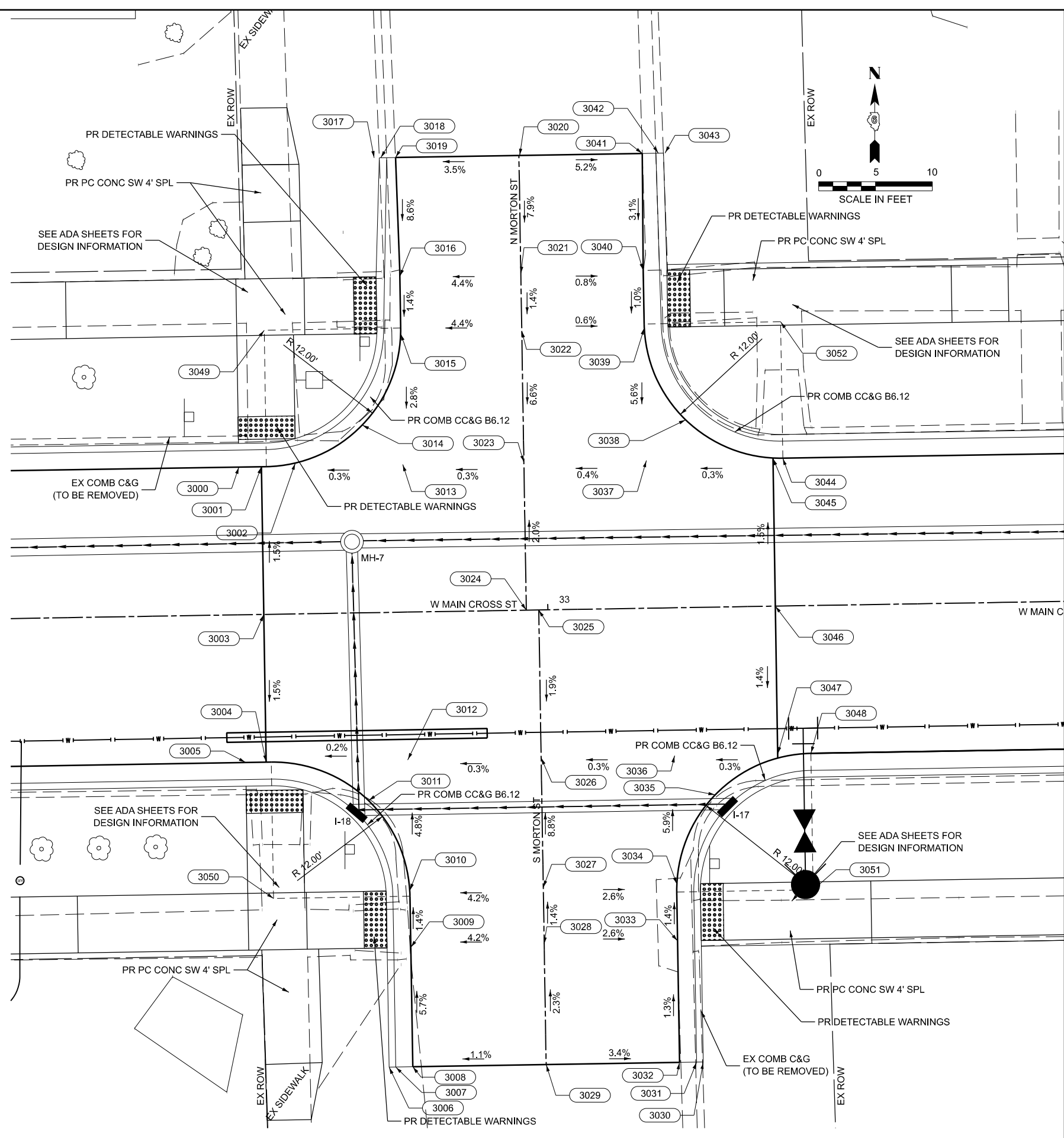
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN
WEST MAIN CROSS ROADWAY IMPROVEMENTS

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 37
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

INTERSECTION MORTON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
3000	32+73.02	13.00' LT	611.40	EDGE OF PAVEMENT
3001	32+75.01	13.00' LT	611.40	EDGE OF PAVEMENT
3002	32+78.02	13.28' LT	611.41	EDGE OF PAVEMENT
3003	32+75.01	0.00'	611.60	CENTERLINE W MAIN CROSS
3004	32+75.01	13.00' RT	611.41	EDGE OF PAVEMENT
3005	32+73.18	13.00' RT	611.40	EDGE OF PAVEMENT
3006	32+85.38	40.00' RT	±612.70	BACK OF CURB (MATCH EX)
3007	32+85.96	40.00' RT	±612.69	FACE OF CURB/FLOWLINE (MATCH EX)
3008	32+87.46	40.00' RT	±612.66	EDGE OF PAVEMENT (MATCH EX)
3009	32+87.46	29.49' RT	612.06	EDGE OF PAVEMENT
3010	32+87.45	24.49' RT	611.99	EDGE OF PAVEMENT
3011	32+83.95	16.52' RT	612.71	EDGE OF PAVEMENT
3012	32+87.46	13.00' RT	611.44	SPOT ELEVATION
3013	32+87.24	13.00' LT	611.44	SPOT ELEVATION
3014	32+83.94	16.52' LT	611.54	EDGE OF PAVEMENT
3015	32+87.44	24.52' LT	611.76	EDGE OF PAVEMENT
3016	32+87.46	29.52' LT	611.83	EDGE OF PAVEMENT
3017	32+85.37	40.00' LT	±613.07	BACK OF CURB (MATCH EX)
3018	32+85.95	40.00' LT	±612.69	FACE OF CURB/FLOWLINE (MATCH EX)
3019	32+87.24	40.00' LT	±612.73	EDGE OF PAVEMENT (MATCH EX)
3020	32+98.10	40.00' LT	±613.10	CENTERLINE W MAIN CROSS AND N MORTON ST (MATCH EX)
3021	32+98.10	29.62' LT	612.30	CENTERLINE N MORTON ST
3022	32+98.10	24.58' LT	612.23	CENTERLINE N MORTON ST
3023	32+98.10	13.00' LT	611.47	EDGE OF PAVEMENT CENTERLINE N MORTON ST
3024	32+98.10	0.00'	611.73	CENTERLINE W MAIN CROSS AND N MORTON ST
3025	32+99.20	0.00'	611.73	CENTERLINE W MAIN CROSS AND S MORTON ST
3026	32+99.20	13.00' RT	611.48	EDGE OF PAVEMENT CENTERLINE S MORTON ST
3027	32+99.20	24.41' RT	612.48	EDGE OF PAVEMENT
3028	32+99.20	29.41' RT	612.55	EDGE OF PAVEMENT
3029	32+99.20	40.00' RT	±612.79	EDGE OF PAVEMENT CENTERLINE S MORTON ST (MATCH EX)
3030	33+13.02	40.00' RT	±612.70	BACK OF CURB (MATCH EX)
3031	33+12.43	40.00' RT	±612.36	FACE OF CURB/FLOWLINE (MATCH EX)
3032	33+10.93	40.00' RT	±612.39	EDGE OF PAVEMENT (MATCH EX)
3033	33+10.93	29.31' RT	612.25	EDGE OF PAVEMENT
3034	33+10.95	24.32' RT	612.18	EDGE OF PAVEMENT
3035	33+14.45	16.52' RT	611.86	EDGE OF PAVEMENT
3036	33+10.93	13.00' RT	611.51	SPOT ELEVATION
3037	33+08.96	13.00' LT	611.51	SPOT ELEVATION
3038	33+12.39	16.52' LT	611.85	EDGE OF PAVEMENT
3039	33+08.88	24.71' LT	612.16	EDGE OF PAVEMENT
3040	33+08.88	29.71' LT	612.21	EDGE OF PAVEMENT
3041	33+08.96	40.00' LT	±612.53	EDGE OF PAVEMENT (MATCH EX)
3042	33+10.38	40.00' LT	±612.64	FACE OF CURB/FLOWLINE (MATCH EX)
3043	33+10.96	40.00' LT	±612.91	BACK OF CURB (MATCH EX)
3044	33+20.88	13.00' LT	611.54	EDGE OF PAVEMENT
3045	33+20.01	13.03' LT	611.54	EDGE OF PAVEMENT
3046	33+20.01	0.00'	611.73	CENTERLINE W MAIN CROSS
3047	33+20.01	13.36' RT	611.54	EDGE OF PAVEMENT
3048	33+22.93	13.00' RT	611.55	EDGE OF PAVEMENT
3049	32+75.45	25.00' LT	----	RADIUS POINT
3050	32+75.46	25.00' RT	----	RADIUS POINT
3051	33+22.93	25.00' RT	----	RADIUS POINT
3052	33+20.88	25.00' LT	----	RADIUS POINT



MODEL: Cross at Morton (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\35-42-D67878-shit-intersections.dgn

BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1075 WEST LAURETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-264-1181 FAX: 217-264-1183
 IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = knlchois	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

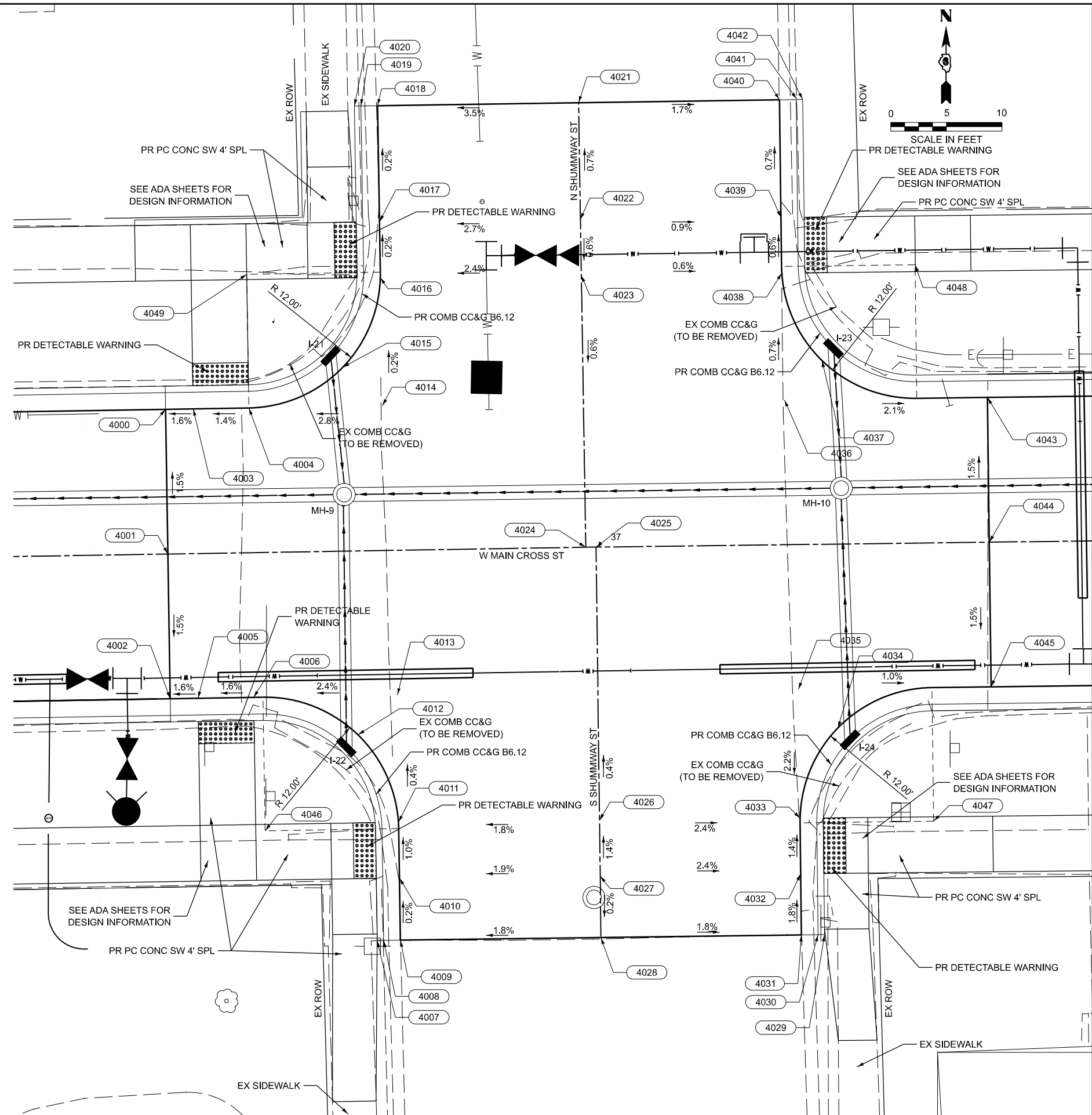
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN
WEST MAIN CROSS STREET ROADWAY IMPROVEMENTS

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	38
ILLINOIS FED. AID PROJECT			CONTRACT NO. 93841	

INTERSECTION SHUMWAY ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
4000	36+61.19	13.00' LT	612.76	EDGE OF PAVEMENT
4001	36+61.19	0.00'	612.94	CENTERLINE W MAIN CROSS
4002	36+61.19	13.00' RT	612.76	EDGE OF PAVEMENT
4003	36+63.69	13.00' LT	612.80	EDGE OF PAVEMENT
4004	36+68.69	13.00' LT	612.87	EDGE OF PAVEMENT
4005	36+63.69	13.00' RT	612.80	EDGE OF PAVEMENT
4006	36+68.69	13.00' RT	612.88	EDGE OF PAVEMENT
4007	36+79.44	35.02' RT	±613.63	BACK OF CURB (MATCH EX)
4008	36+80.02	35.02' RT	±613.16	FACE OF CURB/FLOWLINE (MATCH EX)
4009	36+81.52	35.02' RT	±613.30	EDGE OF PAVEMENT (MATCH EX)
4010	36+81.52	29.44' RT	613.29	EDGE OF PAVEMENT
4011	36+81.51	24.44' RT	613.24	EDGE OF PAVEMENT
4012	36+78.01	16.52' RT	613.02	EDGE OF PAVEMENT
4013	36+81.61	13.00' RT	613.19	SPOT ELEVATION
4014	36+80.69	13.00' LT	613.21	SPOT ELEVATION
4015	36+77.17	16.52' LT	613.03	EDGE OF PAVEMENT
4016	36+80.68	24.53' LT	613.19	EDGE OF PAVEMENT
4017	36+80.69	29.53' LT	613.18	EDGE OF PAVEMENT
4018	36+80.69	39.96' LT	±613.16	EDGE OF PAVEMENT (MATCH EX)
4019	36+79.19	39.97' LT	±613.42	FACE OF CURB/FLOWLINE (MATCH EX)
4020	36+78.60	39.97' LT	±613.55	BACK OF CURB (MATCH EX)
4021	36+98.75	39.93' LT	±613.73	EDGE OF PAVEMENT CENTERLINE N SHUMWAY ST (MATCH EX)
4022	36+98.75	29.43' LT	613.66	CENTERLINE N SHUMWAY ST
4023	36+98.75	24.43' LT	613.63	CENTERLINE N SHUMWAY ST
4024	36+98.75	0.00'	613.48	CENTERLINE W MAIN CROSS AND N SHUMWAY ST
4025	36+99.68	0.00'	613.48	CENTERLINE W MAIN CROSS AND S SHUMWAY ST
4026	36+99.68	24.54' RT	613.57	CENTERLINE S SHUMWAY ST
4027	36+99.68	29.54' RT	613.64	CENTERLINE S SHUMWAY ST
4028	36+99.68	35.07' RT	±613.63	EDGE OF PAVEMENT CENTERLINE S SHUMWAY ST (MATCH EX)
4029	37+19.78	35.06' RT	±613.59	BACK OF CURB (MATCH EX)
4030	37+19.20	35.06' RT	±613.19	FACE OF CURB/FLOWLINE (MATCH EX)
4031	37+17.70	35.06' RT	±613.30	EDGE OF PAVEMENT (MATCH EX)
4032	37+17.70	29.58' RT	613.20	EDGE OF PAVEMENT
4033	37+17.70	24.58' RT	613.13	EDGE OF PAVEMENT
4034	37+21.21	16.52' RT	613.17	EDGE OF PAVEMENT
4035	37+17.70	13.00' RT	613.39	SPOT ELEVATION
4036	37+16.76	13.00' LT	613.60	SPOT ELEVATION
4037	37+20.17	16.52' LT	613.37	EDGE OF PAVEMENT
4038	37+16.68	24.40' LT	613.53	EDGE OF PAVEMENT
4039	37+16.66	29.40' LT	613.50	EDGE OF PAVEMENT
4040	37+16.66	39.96' LT	±613.43	EDGE OF PAVEMENT (MATCH EX)
4041	37+18.16	39.97' LT	±613.21	FACE OF CURB/FLOWLINE (MATCH EX)
4042	37+18.74	39.97' LT	±613.66	BACK OF CURB (MATCH EX)
4043	37+35.01	13.00' LT	613.21	EDGE OF PAVEMENT
4044	37+35.01	0.00'	613.40	CENTERLINE W MAIN CROSS
4045	37+35.01	13.00' RT	613.21	EDGE OF PAVEMENT
4046	36+69.52	25.00' RT	--	RADIUS POINT
4047	37+29.70	25.00' RT	--	RADIUS POINT
4048	37+28.66	25.00' LT	--	RADIUS POINT
4049	36+68.69	25.00' LT	--	RADIUS POINT



MODEL: Cross at Shumway (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\35-42-D67878-shit-Intersections.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1075 WEST LAURETTE AVE.
 JACKSONVILLE, IL 62250
 PHONE: 217-264-1181 FAX: 217-264-1183
 IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = knlchois	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

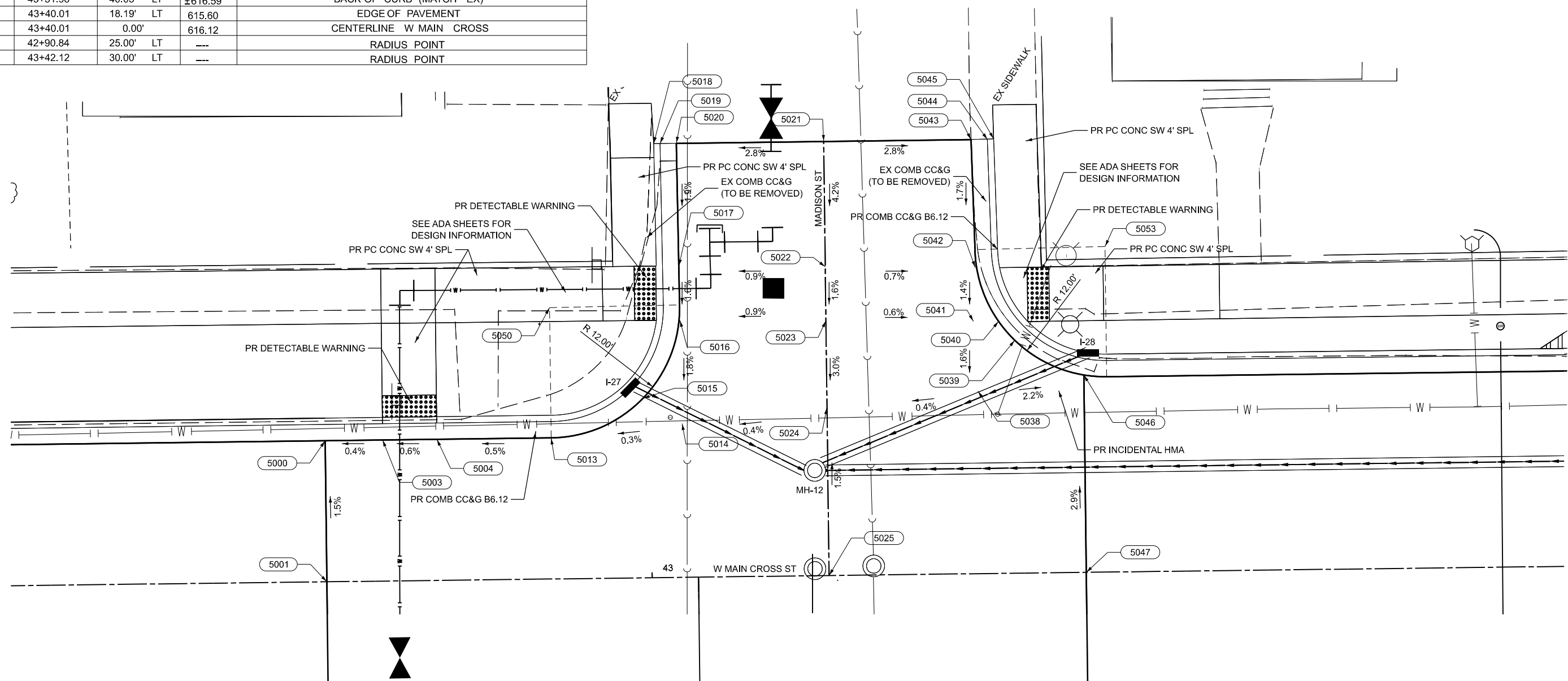
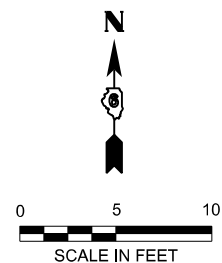
**INTERSECTION GRADING PLAN
 WEST MAIN CROSS ROADWAY IMPROVEMENTS**

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 39
ILLINOIS				FED. AID PROJECT

CONTRACT NO. 93841

NORTH INTERSECTION MADISON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
5000	42+70.01	13.00' LT	615.58	EDGE OF PAVEMENT
5001	42+70.01	0.00'	615.77	CENTERLINE W MAIN CROSS
5003	42+75.31	13.00' LT	615.60	EDGE OF PAVEMENT
5004	42+80.31	13.00' LT	615.63	EDGE OF PAVEMENT
5013	42+90.84	13.00' LT	615.68	EDGE OF PAVEMENT
5014	43+02.72	14.21' LT	615.72	SPOT ELEVATION
5015	42+99.36	16.55' LT	615.79	EDGE OF PAVEMENT
5016	43+02.77	23.69' LT	615.89	EDGE OF PAVEMENT
5017	43+02.81	28.69' LT	615.97	EDGE OF PAVEMENT
5018	43+00.63	40.00' LT	±616.40	BACK OF CURB (MATCH EX)
5019	43+01.21	40.00' LT	±616.08	FACE OF CURB/FLOWLINE (MATCH EX)
5020	43+02.72	40.00' LT	±616.19	EDGE OF PAVEMENT (MATCH EX)
5021	43+16.31	40.00' LT	±616.57	EDGE OF PAVEMENT CENTERLINE N MADISON ST (MATCH EX)
5022	43+16.31	28.45' LT	616.09	CENTERLINE N MADISON ST
5023	43+16.31	23.48' LT	616.01	CENTERLINE N MADISON ST
5024	43+16.31	15.59' LT	615.77	CENTERLINE N MADISON ST
5025	43+16.31	0.00'	616.00	CENTERLINE W MAIN CROSS AND N MADISON ST
5038	43+29.90	16.97' LT	615.82	SPOT ELEVATION
5039	43+33.69	21.47' LT	615.84	EDGE OF PAVEMENT
5040	43+32.22	23.23' LT	615.91	EDGE OF PAVEMENT
5041	43+29.90	23.26' LT	615.92	SPOT ELEVATION
5042	43+30.26	28.20' LT	615.99	EDGE OF PAVEMENT
5043	43+29.90	40.00' LT	±616.19	EDGE OF PAVEMENT (MATCH EX)
5044	43+31.40	40.00' LT	±616.29	FACE OF CURB/FLOWLINE (MATCH EX)
5045	43+31.98	40.05' LT	±616.59	BACK OF CURB (MATCH EX)
5046	43+40.01	18.19' LT	615.60	EDGE OF PAVEMENT
5047	43+40.01	0.00'	616.12	CENTERLINE W MAIN CROSS
5050	42+90.84	25.00' LT	---	RADIUS POINT
5053	43+42.12	30.00' LT	---	RADIUS POINT



MODEL: Cross at Madison (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\34-40-D67878-Int-Intersections.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1075 WEST LAURETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-264-1180 FAX: 217-264-1189
 IL DESIGN FIRM REGISTRATION NO. 184-000852

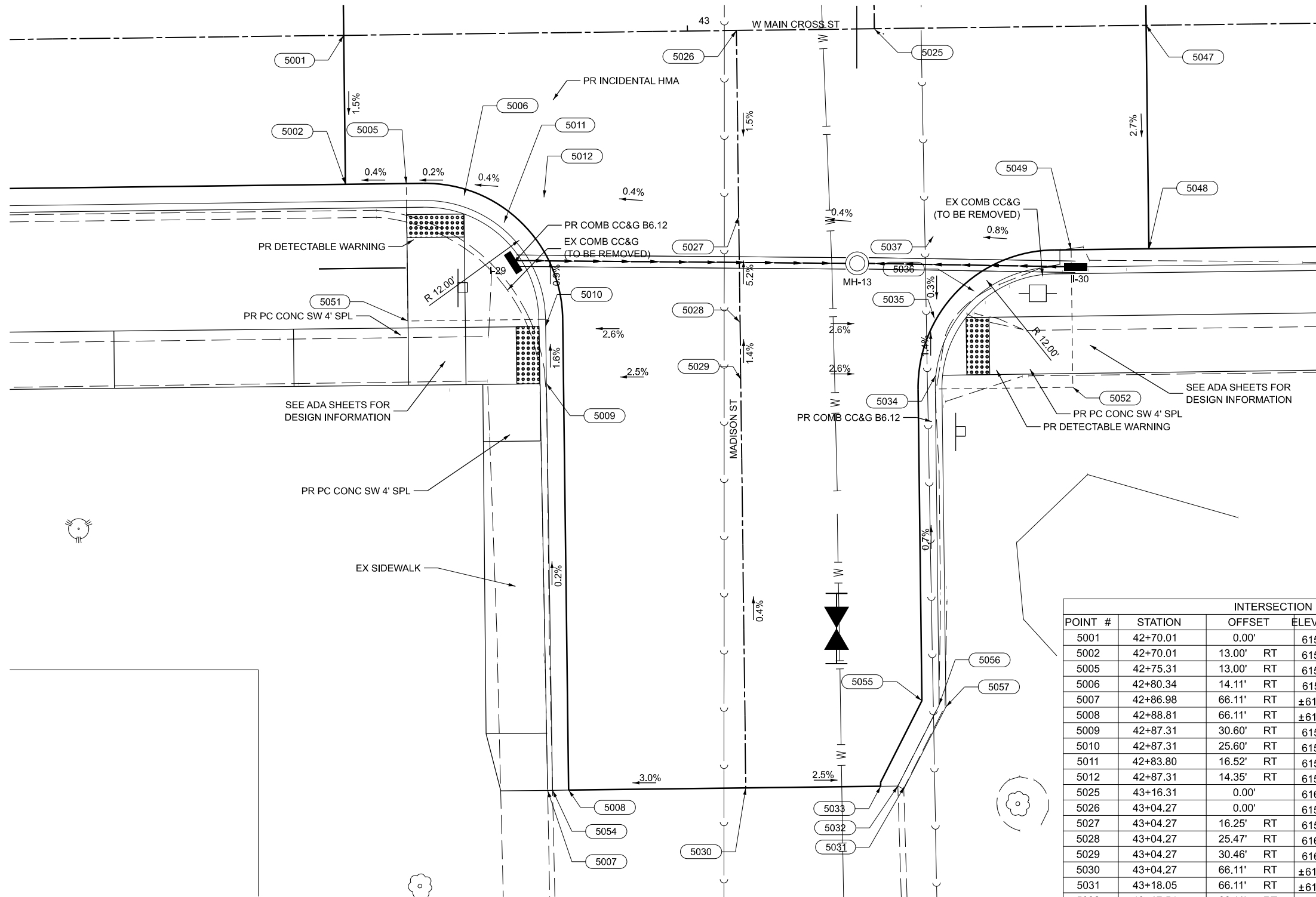
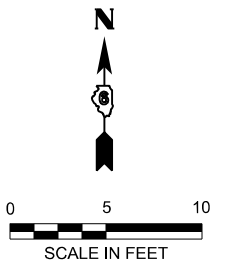
USER NAME = rshaw	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/9/2025	DATE - JUNE 2025	REVISED - .

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION GRADING PLAN
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	40
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



INTERSECTION MADISON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
5001	42+70.01	0.00'	615.77	CENTERLINE W MAIN CROSS
5002	42+70.01	13.00' RT	615.58	EDGE OF PAVEMENT
5005	42+75.31	13.00' RT	615.60	EDGE OF PAVEMENT
5006	42+80.34	14.11' RT	615.61	EDGE OF PAVEMENT
5007	42+86.98	66.11' RT	±616.26	BACK OF CURB/EDGE OF SIDEWALK
5008	42+88.81	66.11' RT	±615.93	EDGE OF PAVEMENT (MATCH EX)
5009	42+87.31	30.60' RT	615.82	EDGE OF PAVEMENT
5010	42+87.31	25.60' RT	615.74	EDGE OF PAVEMENT
5011	42+83.80	16.52' RT	615.67	EDGE OF PAVEMENT
5012	42+87.31	14.35' RT	615.64	SPOT ELEVATION
5025	43+16.31	0.00'	616.00	CENTERLINE W MAIN CROSS AND N MADISON ST
5026	43+04.27	0.00'	615.94	CENTERLINE W MAIN CROSS AND S MADISON ST
5027	43+04.27	16.25' RT	615.70	CENTERLINE S MADISON ST
5028	43+04.27	25.47' RT	616.18	CENTERLINE S MADISON ST
5029	43+04.27	30.46' RT	616.25	CENTERLINE S MADISON ST
5030	43+04.27	66.11' RT	±616.39	EDGE OF PAVEMENT CENTERLINE S MADISON ST (MATCH EX)
5031	43+18.05	66.11' RT	±616.27	BACK OF CURB (MATCH EX)
5032	43+17.54	66.11' RT	±616.06	FLOWLINE (MATCH EX)
5033	43+16.04	66.11' RT	±616.10	EDGE OF PAVEMENT (MATCH EX)
5034	43+21.29	30.32' RT	615.81	EDGE OF PAVEMENT
5035	43+21.23	25.34' RT	615.74	SPOT ELEVATION
5036	43+24.74	23.02' RT	615.68	EDGE OF PAVEMENT
5037	43+21.23	18.15' RT	615.76	SPOT ELEVATION
5047	43+40.01	0.00'	616.12	CENTERLINE W MAIN CROSS
5048	43+40.01	19.50' RT	615.60	EDGE OF PAVEMENT
5049	43+33.23	19.50' RT	615.66	EDGE OF PAVEMENT
5051	42+75.31	25.00' RT	----	RADIUS POINT
5052	43+33.23	31.50' RT	----	RADIUS POINT
5054	42+87.41	66.11' RT	±615.89	FLOWLINE (MATCH EX)

MODEL: Cross_at_Madison (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\34-40-D67878-34-Int-Intersections.dgn

	USER NAME = rshaw PLOT DATE = 6/9/2025	DESIGNED - RDS DRAWN - RDS CHECKED - WJS DATE - JUNE 2025	REVISED - . REVISED - . REVISED - . REVISED - .
--	-------------------------------------------	--------------------------------------------------------------------	----------------------------------------------------------

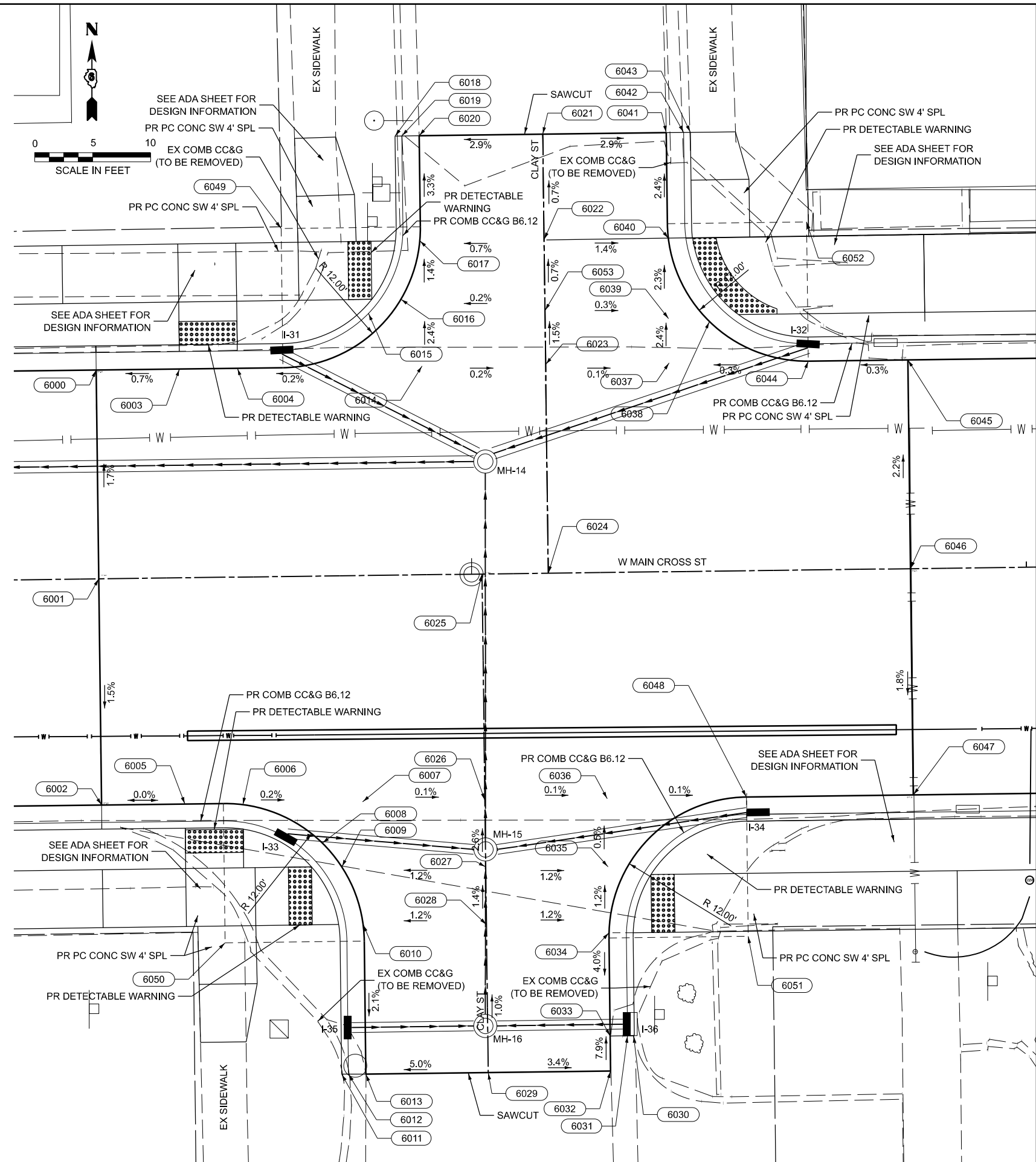
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GRADING PLAN
WEST MAIN CROSS ROADWAY IMPROVEMENTS

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 41
CONTRACT NO. 93841				ILLINOIS FED. AID PROJECT

INTERSECTION MADISON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
6000	46+20.01	18.00' LT	617.23	EDGE OF PAVEMENT
6001	46+20.01	0.00'	617.53	CENTERLINE W MAIN CROSS
6002	46+20.01	19.50' RT	617.23	EDGE OF PAVEMENT
6003	46+27.20	18.00' LT	617.28	EDGE OF PAVEMENT
6004	46+32.20	18.00' LT	617.29	EDGE OF PAVEMENT
6005	46+27.20	19.50' RT	617.23	EDGE OF PAVEMENT
6006	46+32.20	19.62' RT	617.23	EDGE OF PAVEMENT
6007	46+42.51	19.50' RT	617.21	SPOT ELEVATION
6008	46+39.00	23.02' RT	617.26	EDGE OF PAVEMENT
6009	46+40.66	25.0' RT	617.27	EDGE OF PAVEMENT
6010	46+42.43	30.08' RT	617.29	EDGE OF PAVEMENT
6011	46+40.43	42.95' RT	±617.50	BACK OF CURB (MATCH EX)
6012	46+41.01	42.96' RT	±616.92	FACE OF CURB/FLOWLINE/EDGE OF SIDEWALK
6013	46+42.51	42.97' RT	±617.02	EDGE OF PAVEMENT (MATCH EX)
6014	46+48.11	18.00' LT	617.34	SPOT ELEVATION
6015	46+44.60	21.52' LT	617.22	FLOWLINE
6016	46+46.37	23.77' LT	617.20	EDGE OF PAVEMENT
6017	46+48.05	28.80' LT	617.14	EDGE OF PAVEMENT
6018	46+46.03	37.85' LT	±617.31	BACK OF CURB (MATCH EX)
6019	46+46.61	37.85' LT	±616.93	FACE OF CURB/FLOWLINE/EDGE OF SIDEWALK
6020	46+48.11	37.85' LT	±616.84	EDGE OF PAVEMENT (MATCH EX)
6021	46+58.77	37.85' LT	±617.15	CENTERLINE N CLAY ST/EDGE OF PAVEMENT (MATCH EX)
6022	46+58.77	28.77' LT	617.21	CENTERLINE N CLAY ST
6023	46+58.77	18.00' LT	617.32	CENTERLINE N CLAY ST
6024	46+58.77	0.00'	617.64	CENTERLINE W MAIN CROSS AND N CLAY ST
6025	46+53.06	0.00'	617.62	CENTERLINE W MAIN CROSS AND S CLAY ST
6026	46+53.06	19.50' RT	617.20	CENTERLINE S CLAY ST
6027	46+53.06	25.24' RT	617.35	CENTERLINE S CLAY ST
6028	46+53.06	30.21' RT	617.42	CENTERLINE S CLAY ST
6029	46+53.06	42.97' RT	617.55	CENTERLINE S CLAY ST/EDGE OF PAVEMENT (MATCH EX)
6030	46+65.70	39.95' RT	±617.36	BACK OF CURB (MATCH EX)
6031	46+65.11	39.95' RT	±616.86	FACE OF CURB/FLOWLINE/EDGE OF SIDEWALK
6032	46+63.61	42.97' RT	±617.19	EDGE OF PAVEMENT (MATCH EX)
6033	46+63.61	39.95' RT	616.95	EDGE OF PAVEMENT
6034	46+63.62	31.09' RT	617.29	EDGE OF PAVEMENT
6035	46+63.61	25.37' RT	617.22	SPOT ELEVATION
6036	46+63.61	19.50' RT	617.19	SPOT ELEVATION
6037	46+69.42	18.00' LT	617.31	SPOT ELEVATION
6038	46+72.94	21.52' LT	617.21	EDGE OF PAVEMENT
6039	46+69.42	21.81' LT	617.22	SPOT ELEVATION
6040	46+69.49	28.73' LT	617.06	EDGE OF PAVEMENT
6041	46+69.42	37.85' LT	±616.84	EDGE OF PAVEMENT (MATCH EX)
6042	46+70.92	37.85' LT	±617.08	FACE OF CURB/FLOWLINE/EDGE OF SIDEWALK
6043	46+71.51	37.85' LT	±617.35	BACK OF CURB (MATCH EX)
6044	46+81.42	18.00' LT	617.35	EDGE OF PAVEMENT
6045	46+90.01	18.00' LT	617.38	EDGE OF PAVEMENT
6046	46+90.01	0.00'	617.74	CENTERLINE W MAIN CROSS
6047	46+90.01	19.50' RT	617.38	EDGE OF PAVEMENT
6048	46+75.61	19.50' RT	617.18	EDGE OF PAVEMENT
6049	46+36.11	30.00' LT	----	RADIUS POINT
6050	46+30.51	31.50' RT	----	RADIUS POINT
6051	46+75.61	31.50' RT	----	RADIUS POINT
6052	46+81.42	30.00' LT	----	RADIUS POINT
6053	46+58.77	22.64' LT	617.25	CENTERLINE N CLAY ST



MODEL: Cross.at.Clay/Sheet
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\35-42-D67878-eh-Int-Intersections.dgn

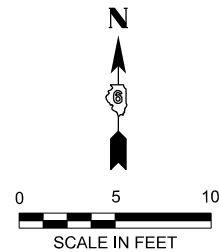
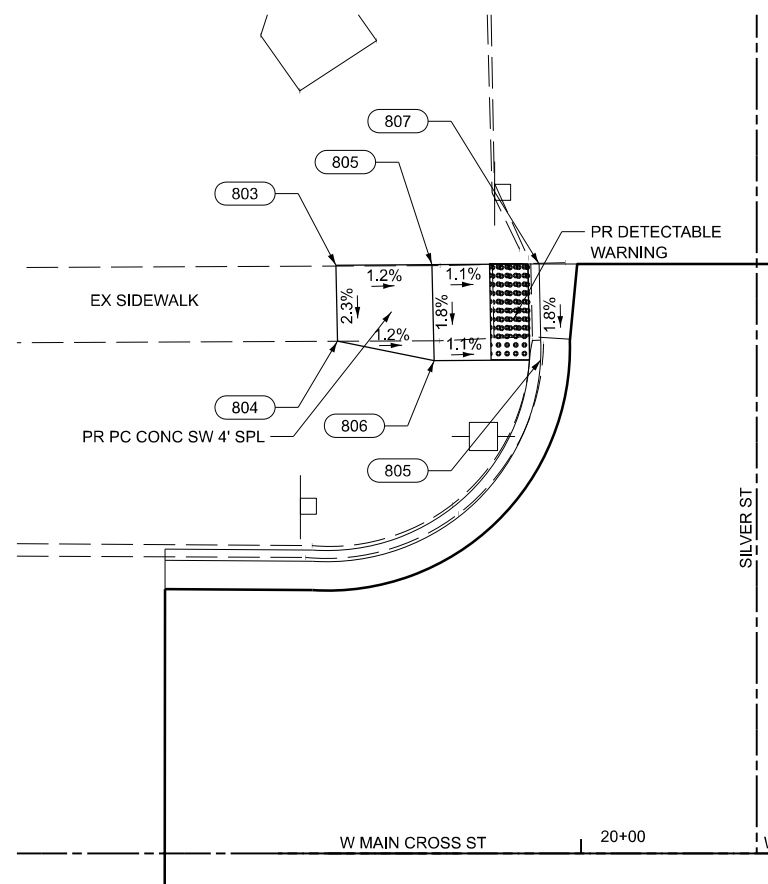
 BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS (LAND SURVEYORS) 1075 WEST LAURETTE AVE. JACKSONVILLE, IL 62650 PHONE: 217-264-1181 FAX: 217-264-1183 IL DESIGN FIRM REGISTRATION NO. 184-000852	USER NAME = knlchois	DESIGNED - RDS	REVISED - .
		DRAWN - RDS	REVISED - .
		CHECKED - WJS	REVISED - .
	PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

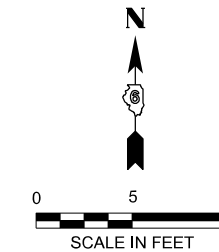
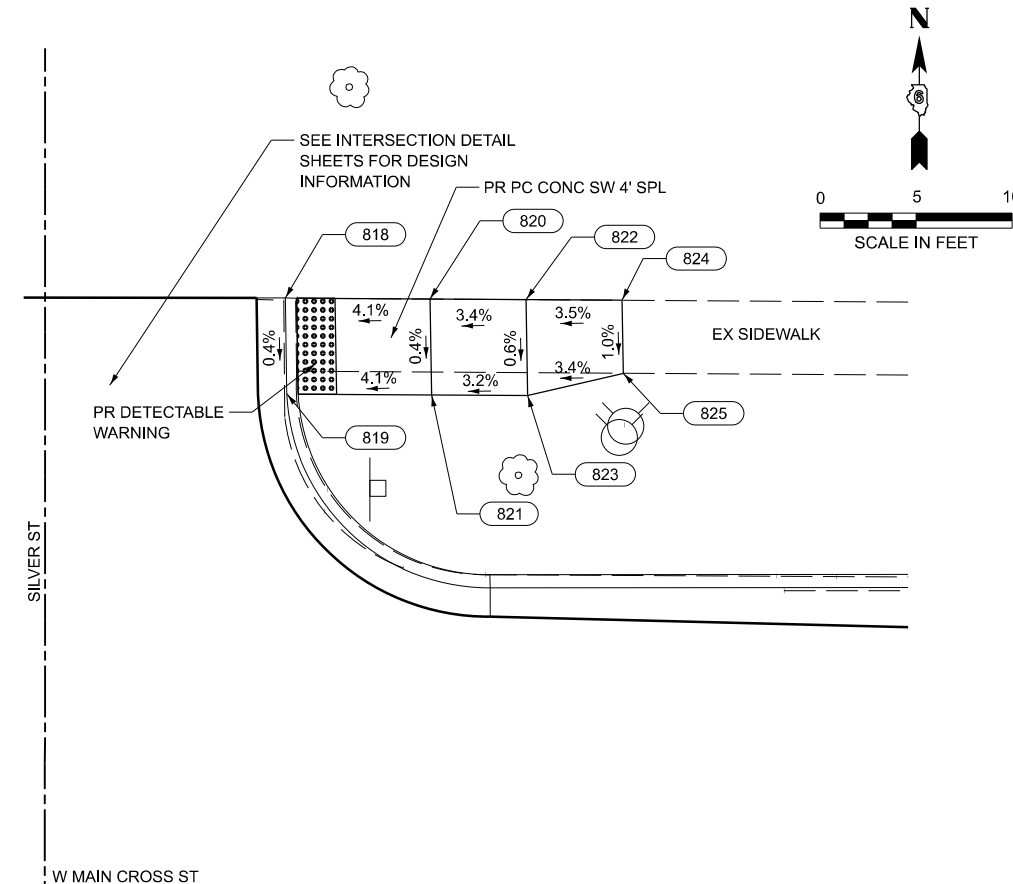
INTERSECTION GRADING PLAN
WEST MAIN CROSS ROADWAY IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	42
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



**NW QUADRANT
W MAIN CROSS & SILVER ST**



**NE QUADRANT
W MAIN CROSS & SILVER ST**

NORTHWEST QUADRANT OF SILVER ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
803	19+87.22	30.63' LT	±610.94	EDGE OF SIDEWALK (MATCH EX)
804	19+87.31	26.67' LT	±610.85	EDGE OF SIDEWALK (MATCH EX)
805	19+92.22	30.67' LT	610.88	EDGE OF SIDEWALK
805	19+97.89	25.70' LT	±610.73	EDGE OF FLOWLINE GUTTER
806	19+92.33	25.66' LT	610.79	EDGE OF SIDEWALK
807	19+97.81	30.70' LT	±610.82	EDGE OF FLOWLINE GUTTER

NORTHEAST QUADRANT OF SILVER ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
818	20+21.65	30.69' LT	±610.34	EDGE OF SIDEWALK (MATCH EX)
819	20+21.74	25.69' LT	±610.32	EDGE OF FLOWLINE GUTTER
820	20+29.19	30.64' LT	610.65	EDGE OF SIDEWALK
821	20+29.27	25.64' LT	610.63	EDGE OF SIDEWALK
822	20+34.19	30.61' LT	610.82	EDGE OF SIDEWALK
823	20+34.27	25.61' LT	610.79	EDGE OF SIDEWALK
824	20+39.19	30.58' LT	±611.00	EDGE OF SIDEWALK (MATCH EX)
825	20+39.25	26.77' LT	±610.96	EDGE OF SIDEWALK (MATCH EX)

MODEL: Northeast_Cheney (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD_Sheets\41-46-D67878-est-ADA.dgn



BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1075 WEST LAURETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-264-1180 FAX: 217-264-1189
 IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = rshaw
 DESIGNED - RDS
 DRAWN - RDS
 CHECKED - WJS
 PLOT DATE = 3/3/2025

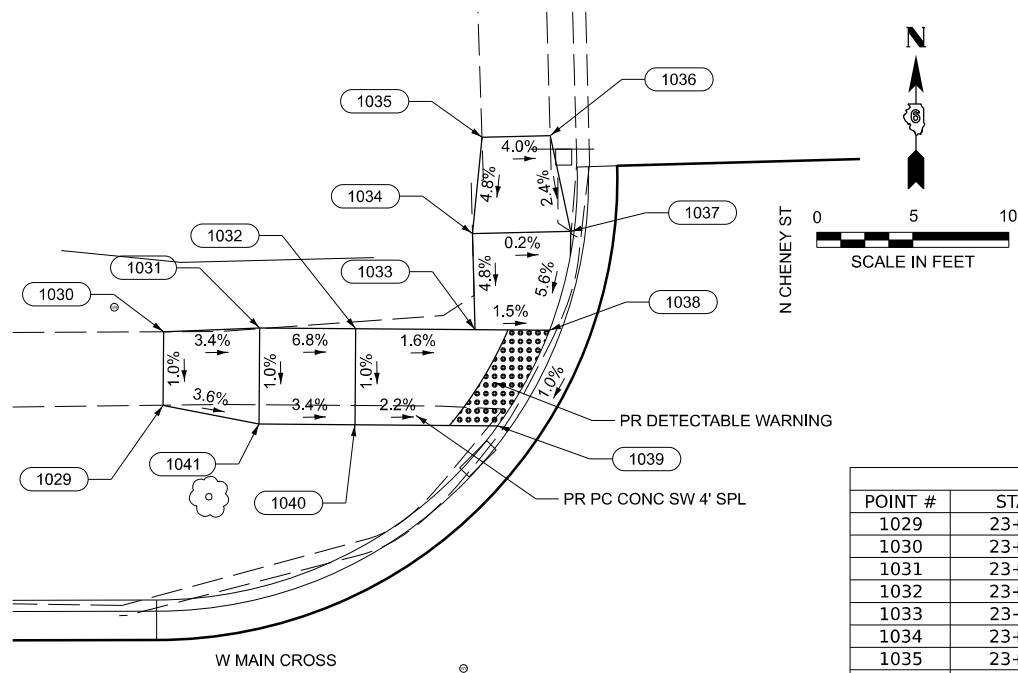
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA PLAN
 WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	43
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

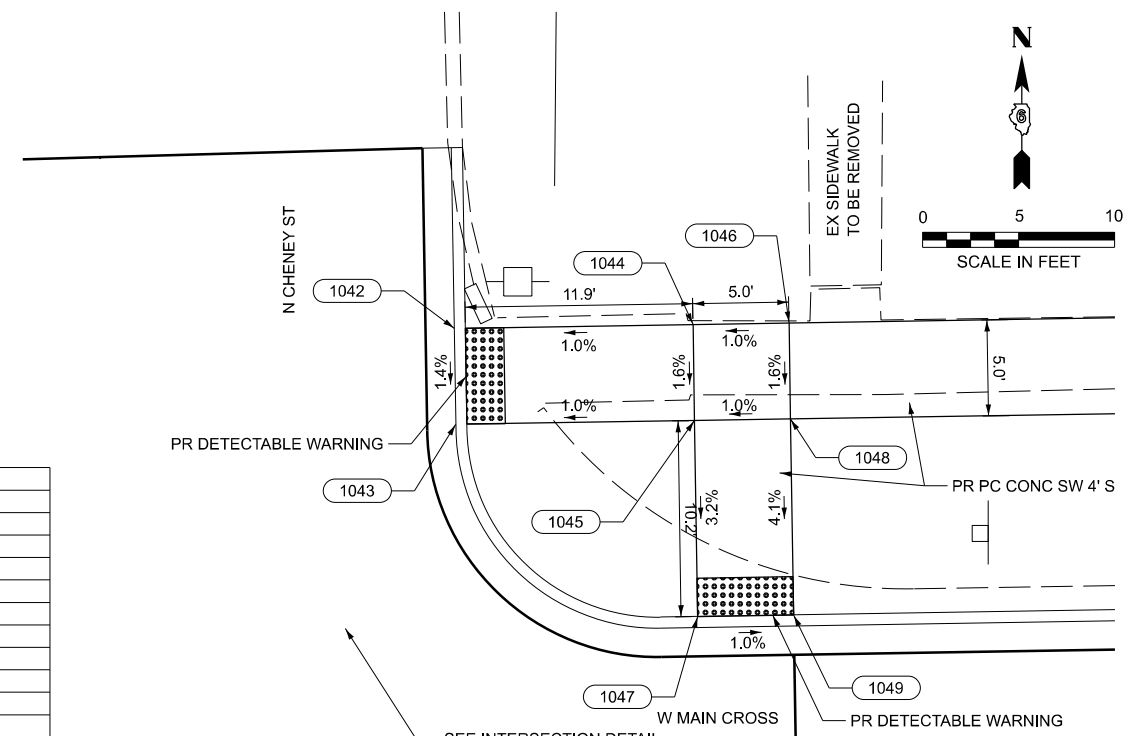


**NW QUADRANT
W MAIN CROSS & CHENEY ST**

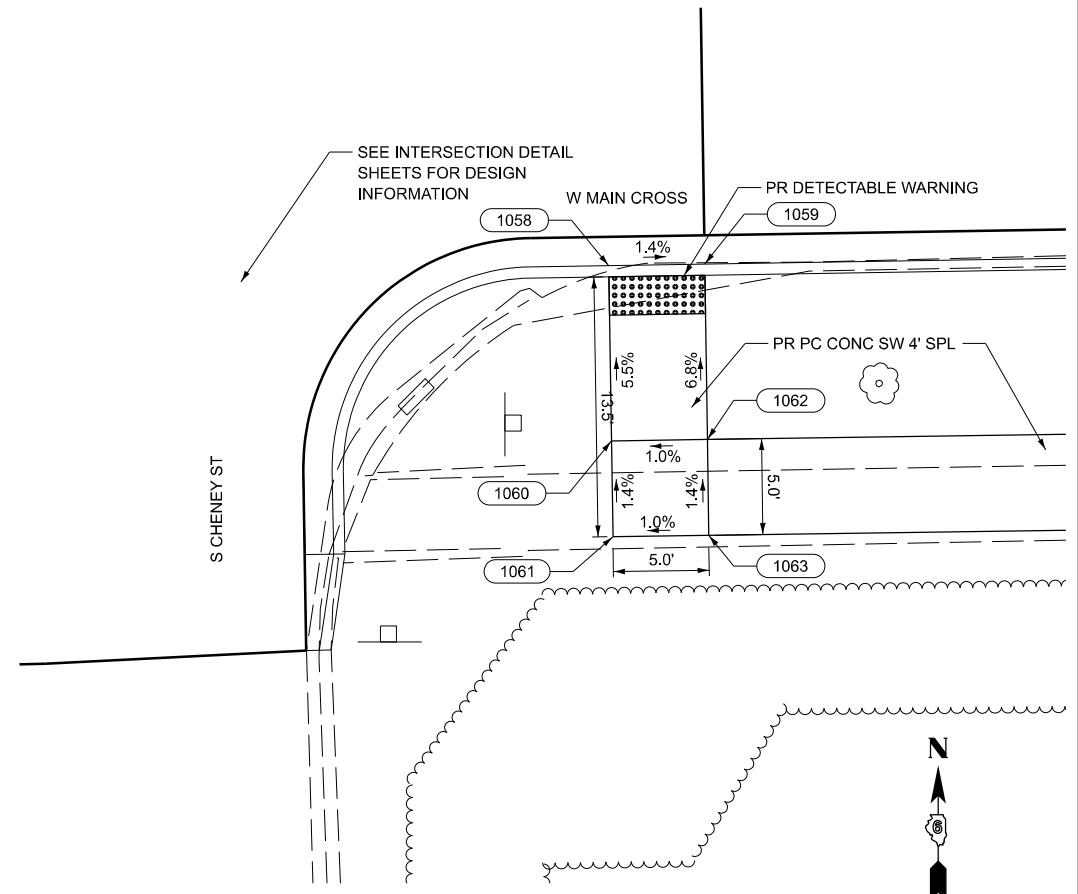
NORTHWEST QUADRANT OF CHENEY ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
1029	23+73.87	26.65' LT	±611.27	EDGE OF SIDEWALK (MATCH EX)
1030	23+73.90	30.48' LT	±611.31	EDGE OF SIDEWALK (MATCH EX)
1031	23+78.90	30.67' LT	611.14	EDGE OF SIDEWALK
1032	23+83.90	30.63' LT	610.97	EDGE OF SIDEWALK
1033	23+90.12	30.59' LT	610.87	CORNER SIDEWALK
1034	23+89.99	35.59' LT	611.11	EDGE OF SIDEWALK
1035	23+90.49	40.60' LT	611.36	EDGE OF SIDEWALK (MATCH EX)
1036	23+94.03	40.69' LT	611.22	EDGE OF SIDEWALK (MATCH EX)
1037	23+95.10	35.72' LT	611.10	EDGE OF SIDEWALK
1038	23+94.00	30.56' LT	610.81	EDGE SIDEWALK / BACK OF CURB
1039	23+91.30	25.58' LT	610.76	EDGE SIDEWALK / BACK OF CURB
1040	23+83.87	25.63' LT	610.92	EDGE OF SIDEWALK
1041	23+78.87	25.67' LT	611.09	EDGE OF SIDEWALK

NORTHEAST QUADRANT OF CHENEY ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
1042	24+32.59	30.30' LT	611.11	FLOWLINE GUTTER
1043	24+32.58	25.30' LT	611.04	FLOWLINE GUTTER
1044	24+45.02	30.29' LT	611.24	BACK EDGE OF SIDEWALK
1045	24+45.02	25.29' LT	611.16	CORNER SIDEWALK
1046	24+50.02	30.29' LT	611.29	BACK EDGE OF SIDEWALK
1047	24+45.02	14.50' LT	610.82	EDGE SIDEWALK/BACK OF CURB
1048	24+50.02	25.29' LT	611.21	CORNER SIDEWALK
1049	24+50.02	14.50' LT	610.77	EDGE OF SIDEWALK/BACK OF CURB

SOUTHEAST QUADRANT OF CHENEY ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
1058	24+44.99	14.50' RT	610.78	FLOWLINE GUTTER
1059	24+49.99	14.50' RT	610.71	FLOWLINE GUTTER
1060	24+44.99	23.63' RT	611.28	EDGE/CORNER SIDEWALK
1061	24+44.99	28.62' RT	611.35	CORNER SIDEWALK
1062	24+49.99	23.63' RT	611.33	CORNER SIDEWALK
1063	24+49.98	28.63' RT	611.40	BACK EDGE OF SIDEWALK



**NE QUADRANT
W MAIN CROSS & CHENEY ST**



**SE QUADRANT
W MAIN CROSS & CHENEY ST**

MODEL: Northeast Cheney (Sheet)
FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\43-49-D67278-shr-ADA.dgn



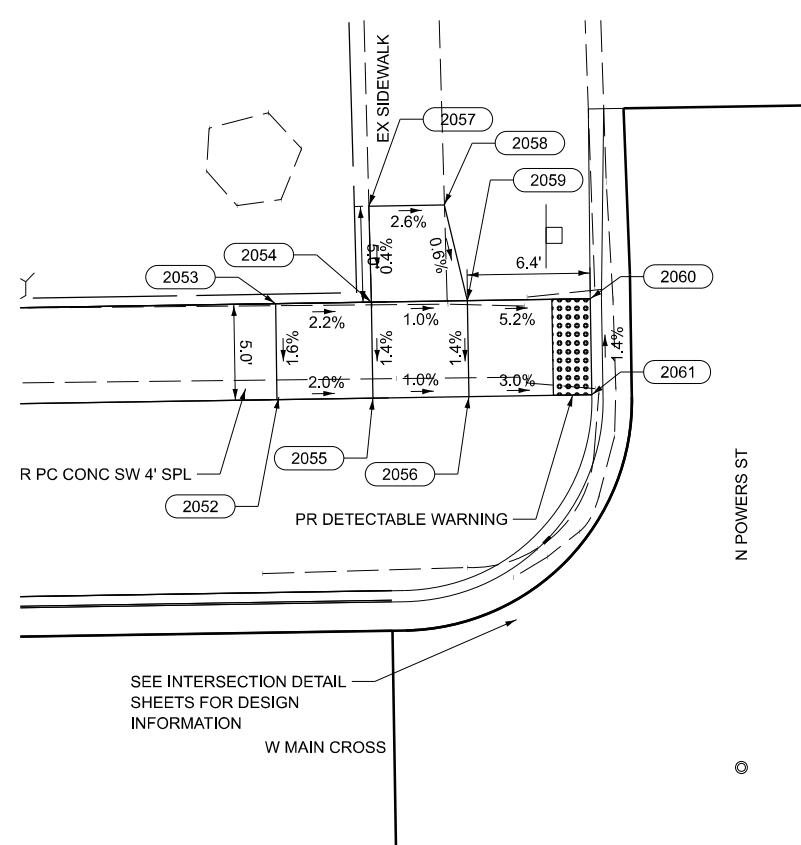
BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS (LAND SURVEYORS) 1075 WEST LAURETTE AVE JACKSONVILLE, IL 62550 PHONE: 217-264-1180 FAX: 217-264-1189 IL DESIGN FIRM REGISTRATION NO. 184-000852	USER NAME = knlchois	DESIGNED - RDS	REVISED -
		DRAWN - RDS	REVISED -
		CHECKED - WJS	REVISED -
	PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

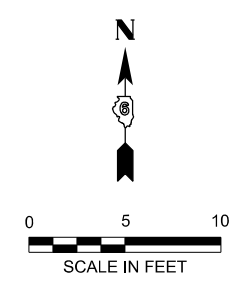
**ADA PLAN
WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS**

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	44
CONTRACT NO. 93841				
ILLINOIS		FED. AID PROJECT		



**NW QUADRANT
W MAIN CROSS & POWERS ST**

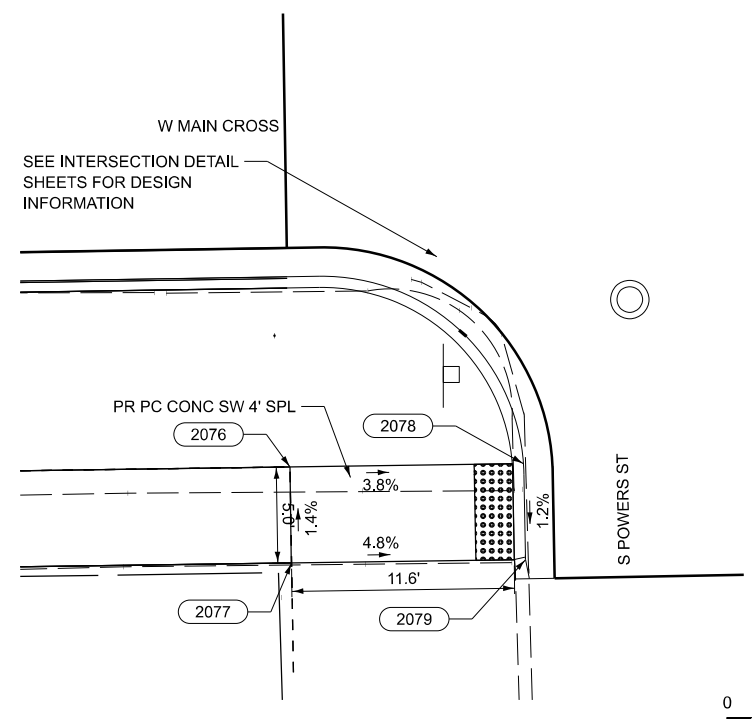


NORTHWEST QUADRANT OF POWERS ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
2052	28+19.19	25.12' LT	612.02	EDGE SIDEWALK
2053	28+19.19	30.12' LT	612.1	EDGE SIDEWALK
2054	28+24.19	30.12' LT	611.99	CORNER SIDEWALK
2055	28+24.19	25.12' LT	611.92	EDGE SIDEWALK
2056	28+29.19	25.12' LT	611.87	EDGE OF SIDEWALK
2057	28+24.14	35.12' LT	612.01	EDGE OF SIDEWALK (MATCH EX)
2058	28+28.06	35.12' LT	611.91	EDGE OF SIDEWALK (MATCH EX)
2059	28+29.19	30.12' LT	611.94	CORNER SIDEWALK
2060	28+35.59	30.12' LT	611.61	EDGE OF SIDEWALK/BACK OF CURB
2061	28+35.59	25.12' LT	611.68	EDGE OF SIDEWALK/BACK OF CURB

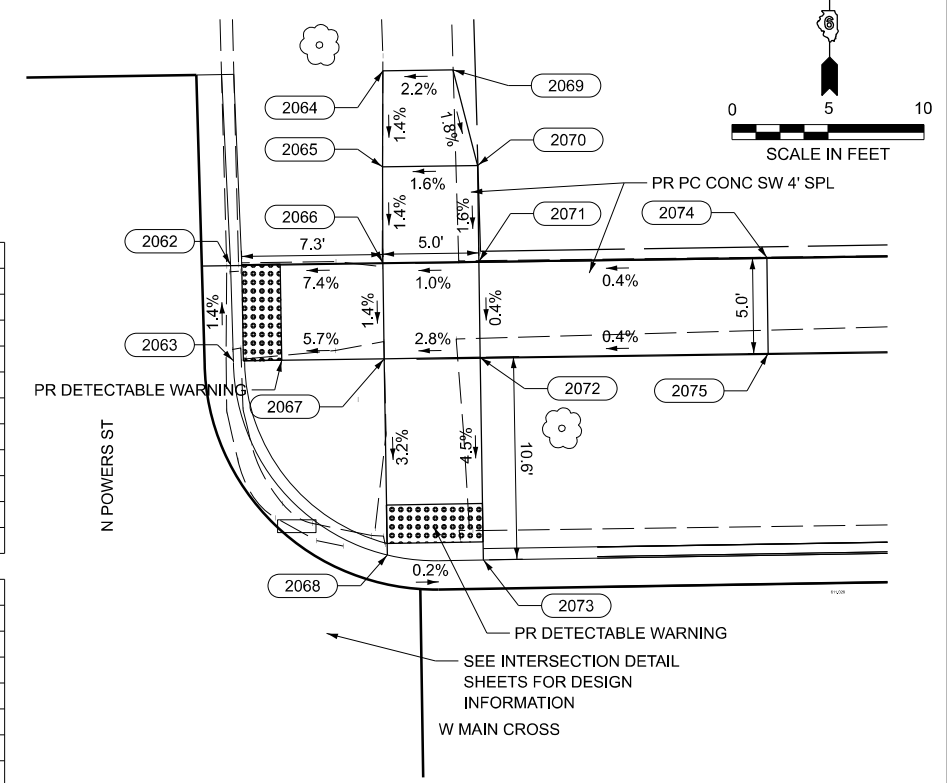
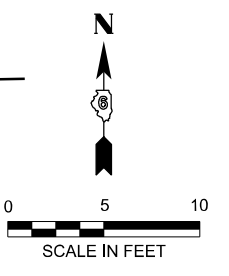
NORTHEAST QUADRANT OF POWERS ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
2062	28+60.40	30.08' LT	611.53	FLOWLINE GUTTER
2063	28+60.47	25.08' LT	611.60	FLOWLINE GUTTER
2064	28+68.50	40.06' LT	612.26	EDGE OF SIDEWALK (MATCH EX)
2065	28+68.40	35.06' LT	612.19	EDGE OF SIDEWALK
2066	28+68.34	30.06' LT	612.12	CORNER SIDEWALK
2067	28+68.32	25.06' LT	612.05	CORNER SIDEWALK
2068	28+68.32	14.84' LT	611.72	FLOWLINE GUTTER
2069	28+72.16	40.05' LT	612.34	EDGE OF SIDEWALK (MATCH EX)
2070	28+73.35	35.05' LT	612.25	EDGE OF SIDEWALK
2071	28+73.34	30.05' LT	612.17	CORNER SIDEWALK
2072	28+73.32	25.05' LT	612.19	CORNER SIDEWALK
2073	28+73.32	14.50' LT	611.71	FLOWLINE GUTTER
2074	28+88.34	30.01' LT	612.33	EDGE OF SIDEWALK
2075	28+88.32	25.01' LT	612.25	EDGE OF SIDEWALK

SOUTHWEST QUADRANT OF POWERS ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
2076	28+25.00	24.41' RT	611.80	EDGE OF SIDEWALK
2077	28+24.99	29.41' RT	611.86	EDGE OF SIDEWALK
2078	28+37.16	24.43' RT	611.49	FLOWLINE GUTTER
2079	28+37.18	29.43' RT	611.42	FLOWLINE GUTTER

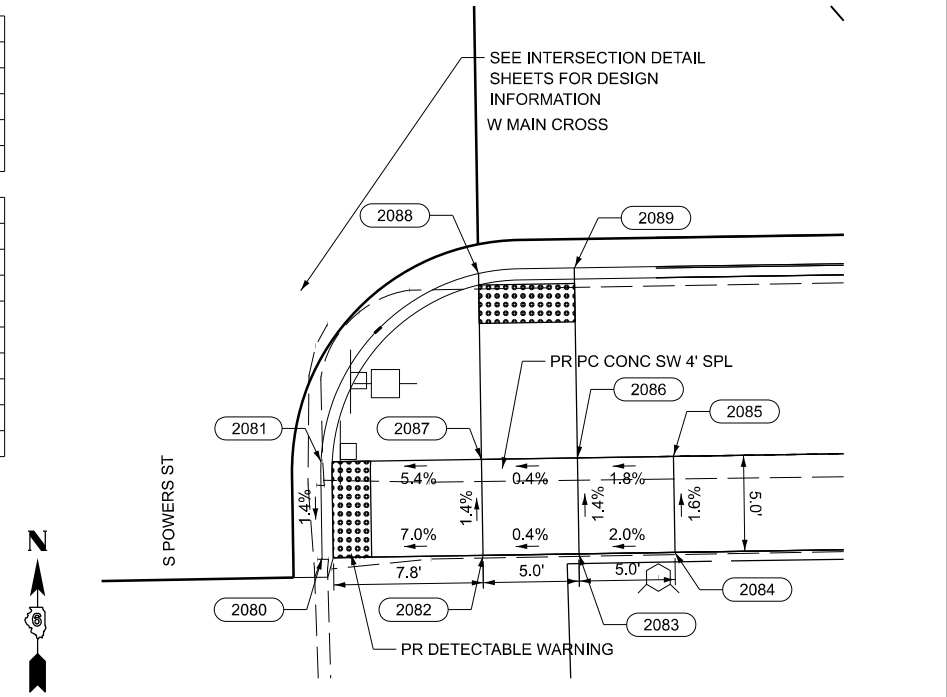
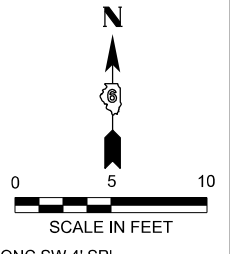
SOUTHWEST QUADRANT OF POWERS ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
2080	28+61.63	29.39' RT	611.29	FLOWLINE GUTTER
2081	28+61.65	24.39' RT	611.36	FLOWLINE GUTTER
2082	28+70.01	29.40' RT	611.88	EDGE OF SIDEWALK
2083	28+75.01	29.40' RT	611.90	EDGE OF SIDEWALK
2086	28+75.01	24.40' RT	611.83	EDGE OF SIDEWALK
2087	28+70.01	24.40' RT	611.81	EDGE OF SIDEWALK
2088	28+70.01	14.72' RT	611.69	FLOWLINE GUTTER
2089	28+75.01	14.50' RT	611.69	FLOWLINE GUTTER



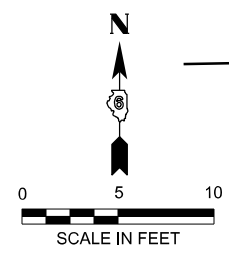
**SW QUADRANT
W MAIN CROSS & POWERS ST**



**NE QUADRANT
W MAIN CROSS & POWERS ST**



**SE QUADRANT
W MAIN CROSS & POWERS ST**



MODEL: W_Main_Cross_Powers [Sheet]
FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\3-49-D672765-eh-ADA.dgn



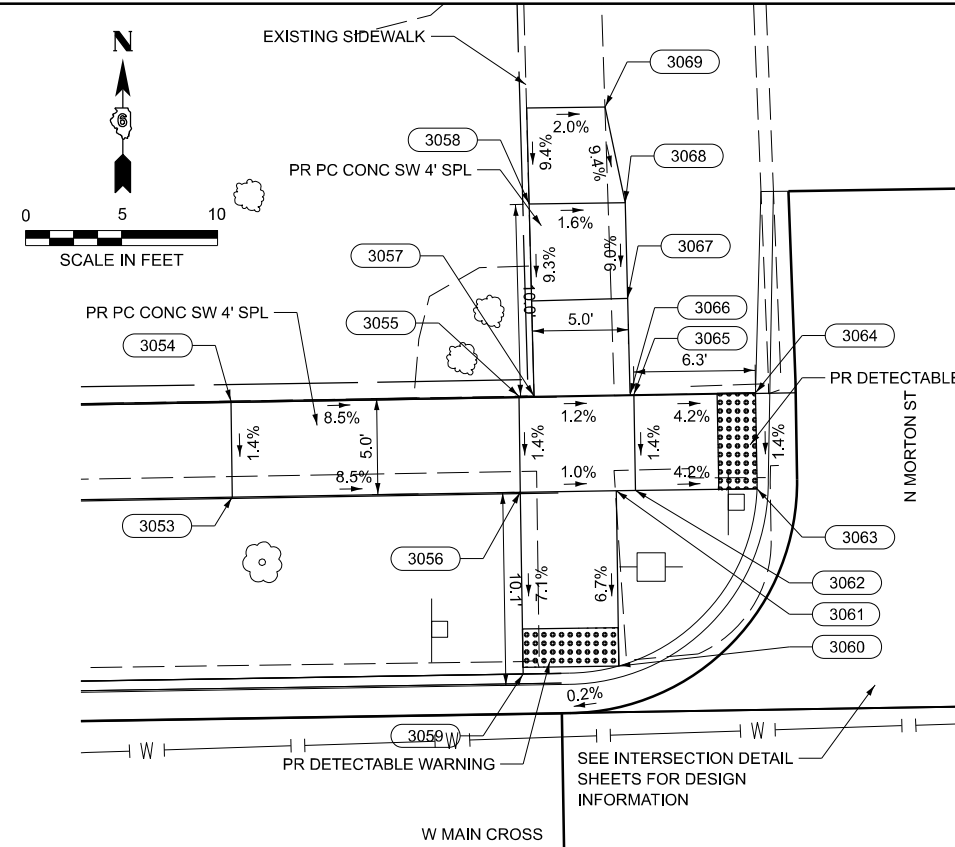
USER NAME = knlchois	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

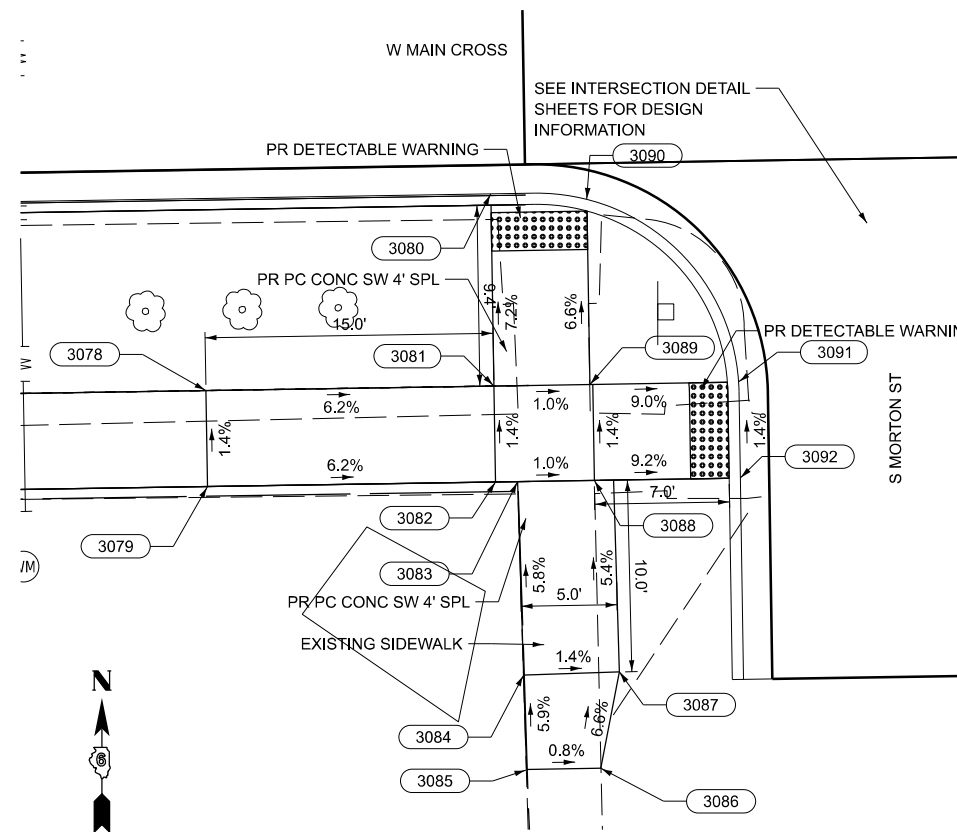
**ADA PLAN
WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS**

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

F.A.U. RTE. 7878	SECTION 20-00065-00RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 45
CONTRACT NO. 93841			ILLINOIS FED. AID PROJECT	



**NW QUADRANT
W MAIN CROSS & MORTON ST**



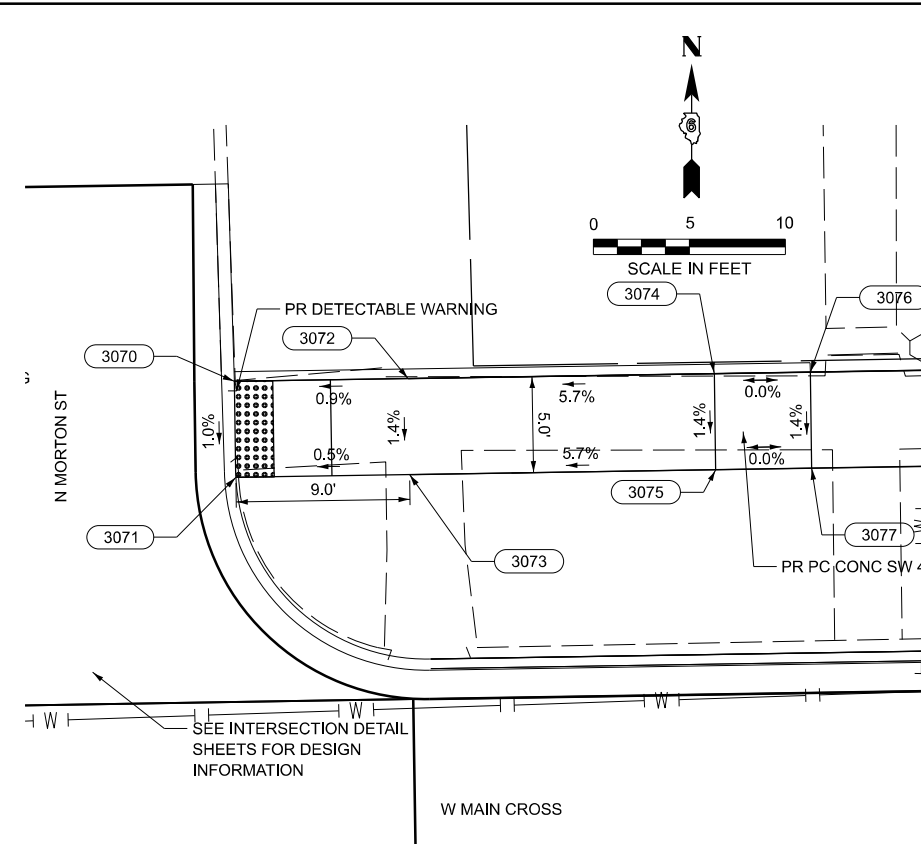
**SW QUADRANT
W MAIN CROSS & MORTON ST**

NORTHWEST QUADRANT OF MORTON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
3053	32+58.02	24.55' LT	613.3	EDGE OF SIDEWALK
3054	32+58.04	29.55' LT	613.37	EDGE OF SIDEWALK
3055	32+73.04	29.56' LT	612.09	EDGE OF SIDEWALK
3056	32+73.02	24.55' LT	612.02	CORNER SIDEWALK
3057	32+73.83	29.55' LT	612.09	EDGE OF SIDEWALK
3058	32+73.73	39.55' LT	±613.02	EDGE OF SIDEWALK (MATCH EX)
3059	32+73.02	14.50' LT	611.31	EDGE OF SIDEWALK/BACK OF CURB
3060	32+78.02	14.82' LT	611.32	EDGE OF SIDEWALK/BACK OF CURB
3061	32+78.02	24.55' LT	611.97	CORNER SIDEWALK
3062	32+79.02	24.54' LT	611.96	EDGE OF SIDEWALK
3063	32+85.94	24.52' LT	611.67	EDGE OF SIDEWALK/BACK OF CURB
3064	32+85.95	29.52' LT	611.74	EDGE OF SIDEWALK/BACK OF CURB
3065	32+79.04	29.54' LT	612.03	EDGE OF SIDEWALK
3066	32+78.83	29.54' LT	612.03	CORNER SIDEWALK
3067	32+78.78	34.55' LT	612.48	EDGE OF SIDEWALK (MATCH EX)
3068	32+78.73	39.55' LT	±612.94	EDGE OF SIDEWALK (MATCH EX)
3069	32+77.77	44.55' LT	±613.41	EDGE OF SIDEWALK (MATCH EX)

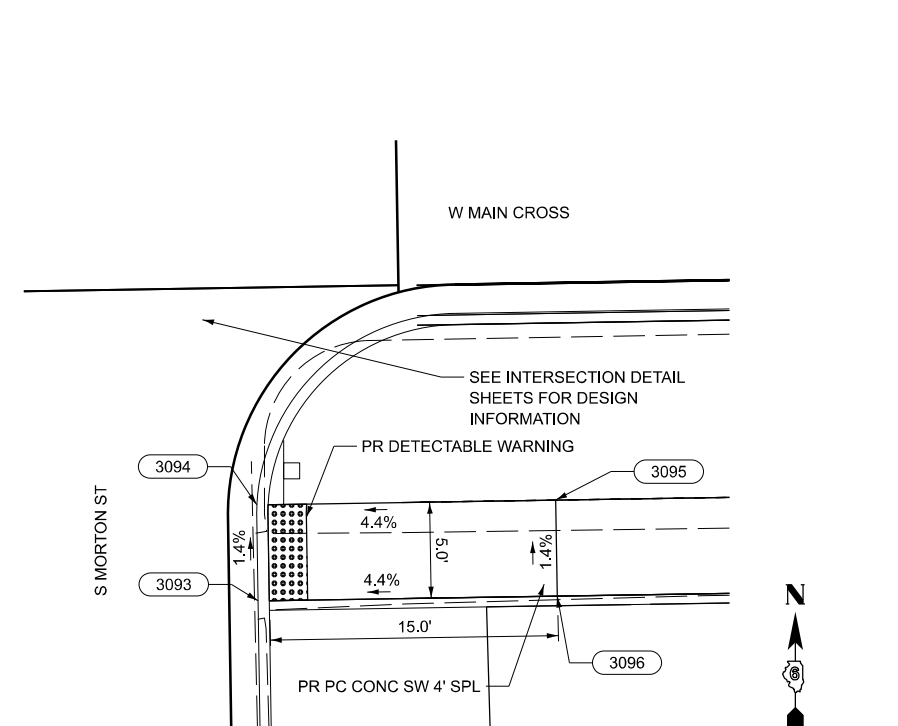
NORTHEAST QUADRANT OF MORTON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
3070	33+10.38	29.71' LT	612.12	EDGE OF SIDEWALK/BACK OF CURB
3071	33+10.38	24.71' LT	612.07	EDGE OF SIDEWALK/BACK OF CURB
3072	33+15.96	29.71' LT	612.17	EDGE OF SIDEWALK
3073	33+15.96	24.71' LT	612.10	EDGE OF SIDEWALK
3074	33+35.96	29.70' LT	613.30	EDGE OF SIDEWALK
3075	33+35.96	24.70' LT	613.23	EDGE OF SIDEWALK
3076	33+40.96	29.70' LT	±613.30	EDGE OF SIDEWALK (MATCH EX)
3077	33+40.96	24.70' LT	±613.23	EDGE OF SIDEWALK (MATCH EX)

SOUTHWEST QUADRANT OF MORTON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
3078	32+58.20	24.50' RT	±612.95	EDGE OF SIDEWALK (MATCH EX)
3079	32+58.20	29.50' RT	±613.02	EDGE OF SIDEWALK (MATCH EX)
3080	32+73.20	14.58' RT	611.31	EDGE SIDEWALK/FLOWLINE GUTTER
3081	32+73.20	24.50' RT	612.02	EDGE OF SIDEWALK
3082	32+73.20	29.50' RT	612.09	EDGE OF SIDEWALK
3083	32+74.36	29.50' RT	612.07	EDGE OF SIDEWALK
3084	32+74.50	39.58' RT	612.65	EDGE OF SIDEWALK
3085	32+74.57	44.50' RT	±612.94	EDGE OF SIDEWALK (MATCH EX)
3086	32+78.45	44.50' RT	±612.91	EDGE OF SIDEWALK (MATCH EX)
3087	32+79.50	39.50' RT	612.58	EDGE OF SIDEWALK
3088	32+78.36	29.50' RT	612.04	EDGE OF SIDEWALK
3089	32+78.20	24.50' RT	611.97	EDGE OF SIDEWALK
3090	32+78.20	14.86' RT	611.33	EDGE OF SIDEWALK/FLOWLINE GUTTER
3091	32+85.96	24.51' RT	611.90	FLOWLINE GUTTER
3092	32+85.96	29.51' RT	611.97	FLOWLINE GUTTER

SOUTHEAST QUADRANT OF MORTON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
3093	33+12.43	29.31' RT	612.16	FLOWLINE GUTTER
3094	33+12.46	24.31' RT	612.09	FLOWLINE GUTTER
3095	33+28.02	24.31' RT	612.77	EDGE OF SIDEWALK (MATCH EX)
3096	33+28.02	29.31' RT	612.84	EDGE OF SIDEWALK (MATCH EX)



**NE QUADRANT
W MAIN CROSS & MORTON ST**



**SE QUADRANT
W MAIN CROSS & MORTON ST**

MODEL: W_Main_Cross_Morton [Sheet]
FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\3-49-D67278-shr-ADA.dgn



BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS (LAND SURVEYORS)
1075 WEST LAURETTE AVE.
JACKSONVILLE, IL 62250
PHONE: 217-264-1181 FAX: 217-264-1183
IL DESIGN FIRM REGISTRATION NO. 194-000852

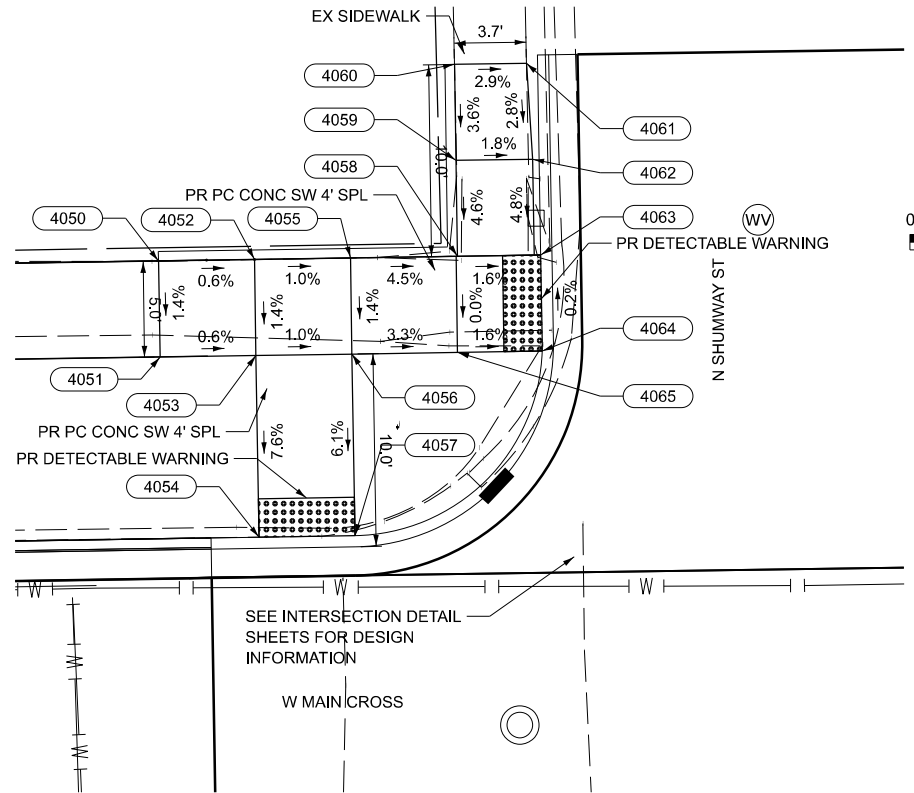
USER NAME = knlchois	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA PLAN
WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS**

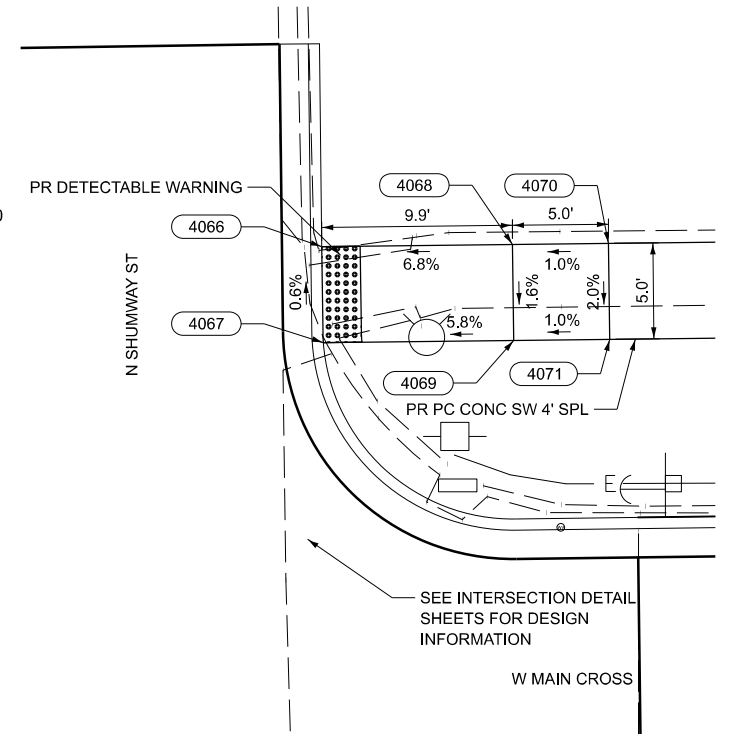
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	46
CONTRACT NO. 93841				
ILLINOIS		FED. AID PROJECT		

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



NORTHWEST QUADRANT OF SHUMWAY ST AND WEST MAIN CROSS

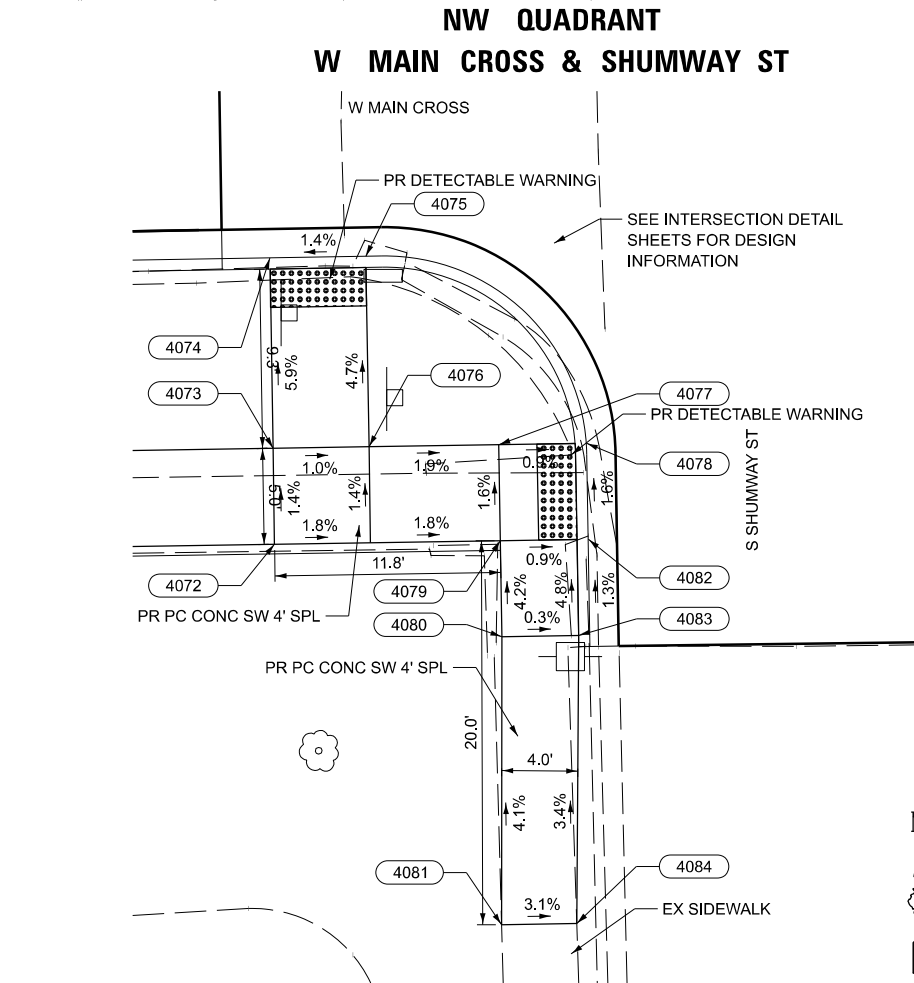
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
4050	36+58.69	29.55' LT	613.57	EDGE OF SIDEWALK
4051	36+58.69	24.55' LT	613.50	EDGE OF SIDEWALK
4052	36+63.69	29.54' LT	613.54	EDGE OF SIDEWALK
4053	36+63.69	24.54' LT	613.47	CORNER SIDEWALK
4054	36+63.69	14.50' LT	612.71	EDGE OF SIDEWALK
4055	36+68.69	29.54' LT	613.49	EDGE OF SIDEWALK
4056	36+68.69	24.54' LT	613.42	CORNER SIDEWALK
4057	36+68.69	14.50' LT	612.81	EDGE OF SIDEWALK
4058	36+74.26	29.54' LT	613.24	CORNER SIDEWALK
4059	36+74.26	34.54' LT	613.47	EDGE OF SIDEWALK
4060	36+74.27	39.54' LT	±613.65	EDGE OF SIDEWALK (MATCH EX)
4061	36+78.02	39.54' LT	±613.54	EDGE OF SIDEWALK (MATCH EX)
4062	36+78.26	34.53' LT	613.40	EDGE OF SIDEWALK
4063	36+79.19	29.53' LT	613.16	EDGE OF SIDEWALK
4064	36+79.18	24.53' LT	613.17	EDGE OF SIDEWALK
4065	36+74.19	24.54' LT	613.24	EDGE OF SIDEWALK



NORTHEAST QUADRANT OF SHUMWAY ST AND WEST MAIN CROSS

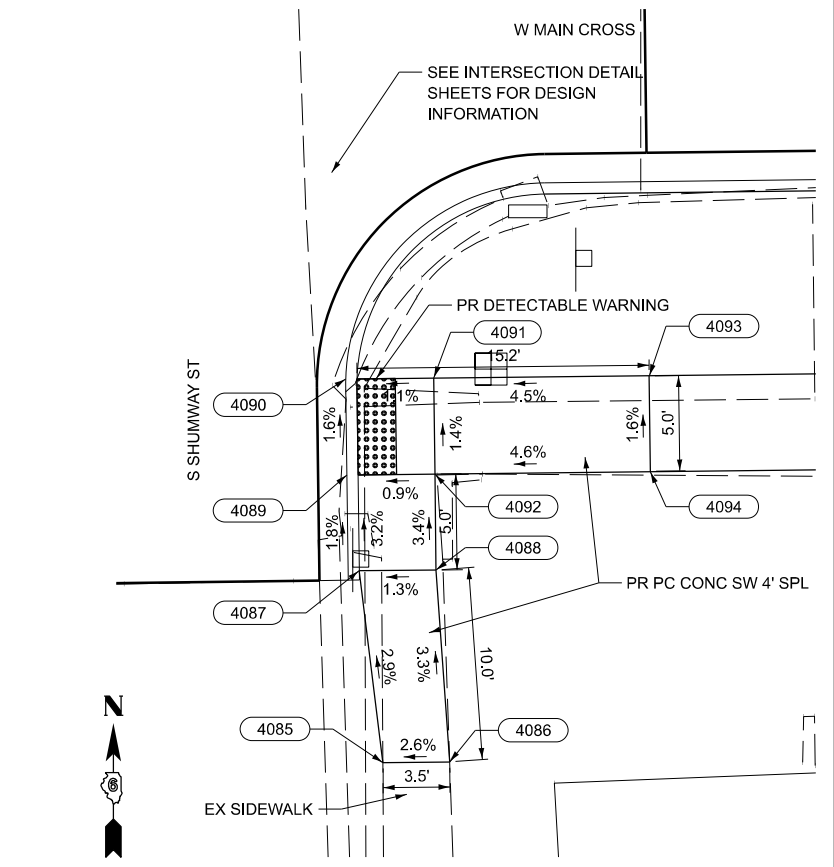
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
4066	37+18.16	29.40' LT	613.44	EDGE OF SIDEWALK
4067	37+18.18	24.40' LT	613.47	EDGE OF SIDEWALK
4068	37+28.68	29.38' LT	614.16	EDGE OF SIDEWALK
4069	37+28.67	24.38' LT	614.08	EDGE OF SIDEWALK
4070	37+33.68	29.38' LT	614.21	EDGE OF SIDEWALK
4071	37+33.67	24.38' LT	614.13	EDGE OF SIDEWALK

**NE QUADRANT
W MAIN CROSS & SHUMWAY ST**



SOUTHWEST QUADRANT OF SHUMWAY ST AND WEST MAIN CROSS

POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
4072	36+63.68	29.42' RT	613.42	EDGE OF SIDEWALK
4073	36+63.69	24.42' RT	613.35	CORNER SIDEWALK
4074	36+63.69	14.50' RT	612.76	FLOWLINE GUTTER
4075	36+68.69	14.50' RT	612.83	FLOWLINE GUTTER
4076	36+68.69	24.42' RT	613.30	CORNER SIDEWALK
4077	36+75.44	24.43' RT	613.17	EDGE OF SIDEWALK
4078	36+80.01	24.43' RT	613.13	FLOWLINE GUTTER
4079	36+75.44	29.43' RT	613.25	CORNER SIDEWALK
4080	36+75.44	34.43' RT	613.46	EDGE OF SIDEWALK
4081	36+75.18	49.43' RT	±614.08	EDGE OF SIDEWALK (MATCH EX)
4082	36+80.02	29.43' RT	613.21	FLOWLINE GUTTER
4083	36+79.44	34.43' RT	613.45	EDGE OF SIDEWALK
4084	36+79.10	49.43' RT	±613.96	EDGE OF SIDEWALK (MATCH EX)



SOUTHEAST QUADRANT OF SHUMWAY ST AND WEST MAIN CROSS

POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
4085	37+20.89	44.58' RT	±613.64	EDGE OF SIDEWALK (MATCH EX)
4086	37+24.36	44.59' RT	±613.73	EDGE OF SIDEWALK (MATCH EX)
4087	37+19.78	34.58' RT	613.35	EDGE OF SIDEWALK
4088	37+23.78	34.59' RT	613.40	EDGE OF SIDEWALK
4089	37+19.20	29.58' RT	613.19	FLOWLINE GUTTER
4090	37+19.20	24.58' RT	613.11	FLOWLINE GUTTER
4091	37+23.79	24.59' RT	613.16	EDGE OF SIDEWALK
4092	37+23.78	29.59' RT	613.23	CORNER SIDEWALK
4093	37+35.00	24.59' RT	613.67	EDGE OF SIDEWALK
4094	37+35.00	29.59' RT	613.75	EDGE OF SIDEWALK

**SE QUADRANT
W MAIN CROSS & SHUMWAY ST**

MODEL: W_Main_Cross_Shumway (Sheet) | USER: knlchois | DESIGNED: RDS | REVISED: - | DATE: JUNE 2025

BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS (LAND SURVEYORS)
1075 WEST LAURETTE AVE.
JACKSONVILLE, IL 62650
PHONE: 217-264-1180 FAX: 217-264-1183
IL DESIGN FIRM REGISTRATION NO. 184-000852

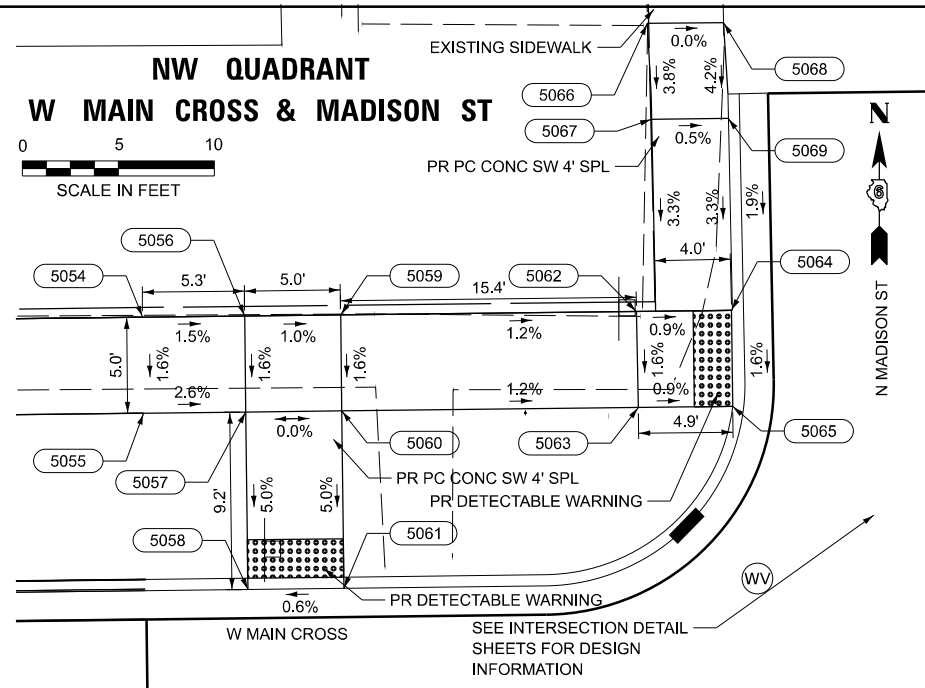
USER NAME = knlchois	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

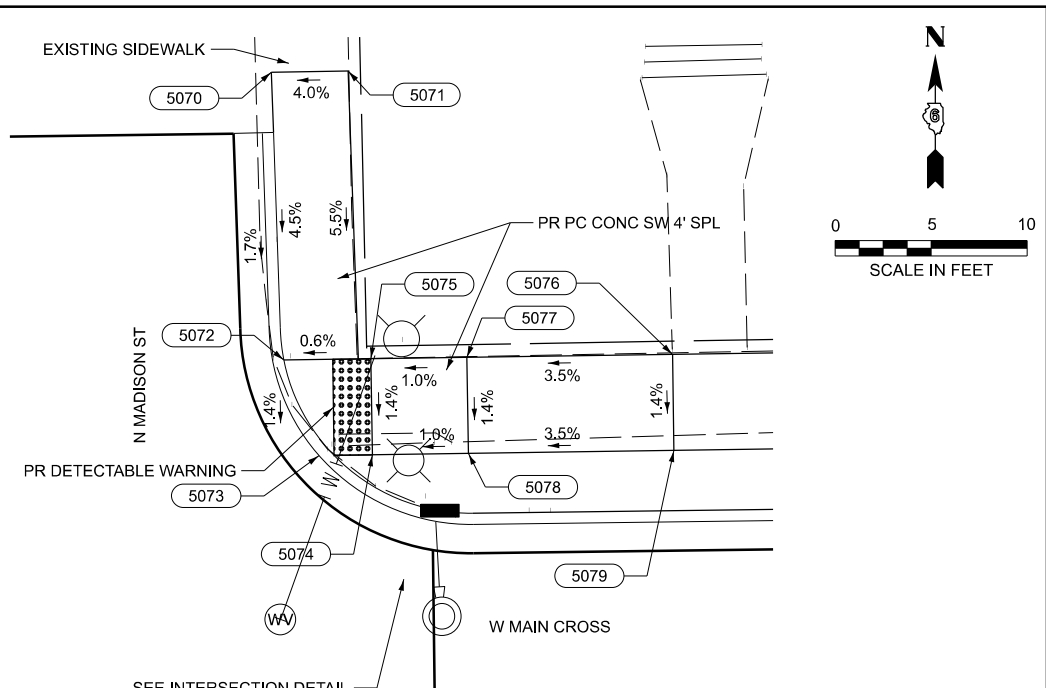
**ADA PLAN
WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS**

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

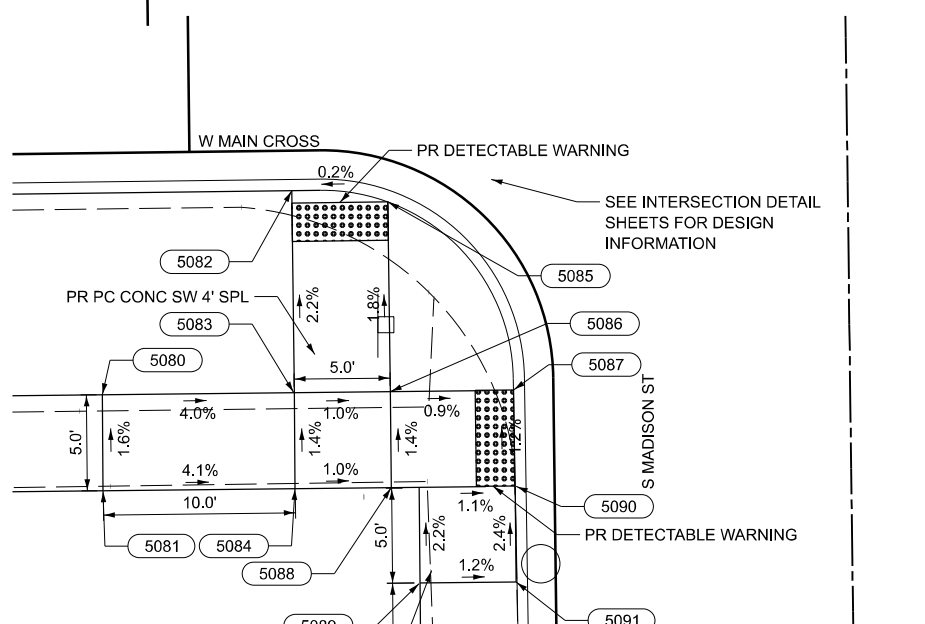
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	47
CONTRACT NO. 93841				
		ILLINOIS FED. AID PROJECT		



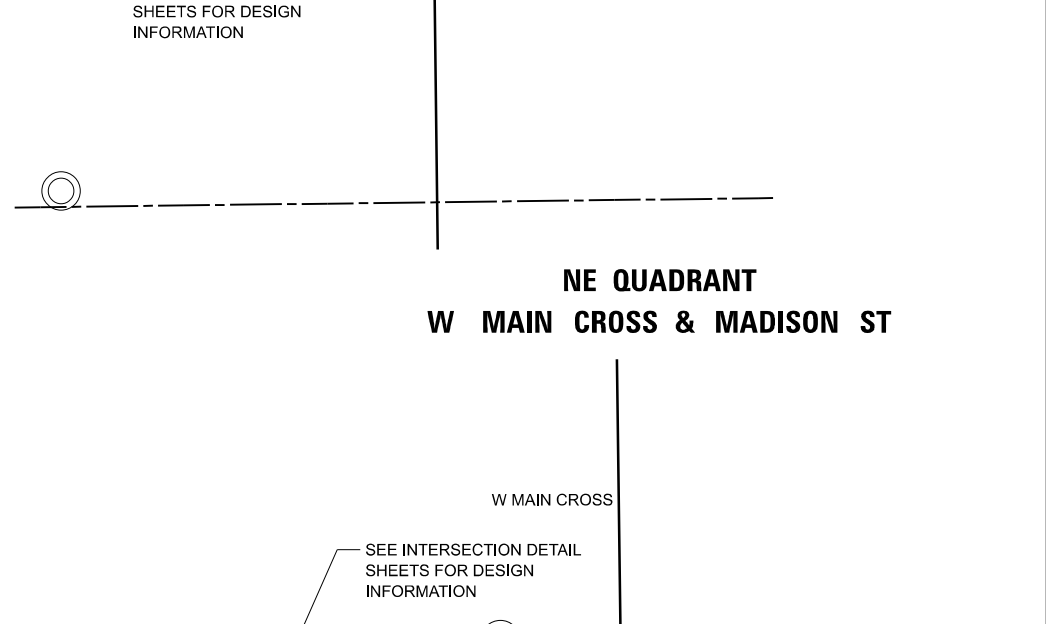
NORTHWEST QUADRANT OF MADISON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
5054	42+70.00	28.75' LT	616.27	EDGE OF SIDEWALK
5055	42+70.00	23.75' LT	616.19	EDGE OF SIDEWALK
5056	42+75.32	28.75' LT	616.19	EDGE OF SIDEWALK
5057	42+75.31	23.75' LT	616.06	CORNER SIDEWALK
5058	42+75.31	14.50' LT	615.60	FLOWLINE GUTTER
5059	42+80.32	28.74' LT	616.14	EDGE OF SIDEWALK
5060	42+80.31	23.74' LT	616.06	CORNER SIDEWALK
5061	42+80.31	14.50' LT	615.59	FLOWLINE GUTTER
5062	42+95.73	28.72' LT	615.96	EDGE OF SIDEWALK
5063	42+95.77	23.72' LT	615.88	EDGE OF SIDEWALK
5064	43+01.31	28.72' LT	615.91	EDGE OF SIDEWALK/BACK OF CURB
5065	43+01.26	23.72' LT	615.83	EDGE OF SIDEWALK/BACK OF CURB
5066	42+96.49	43.72' LT	±616.45	EDGE OF SIDEWALK (MATCH EX)
5067	42+96.64	38.72' LT	616.26	EDGE OF SIDEWALK
5068	43+00.46	43.72' LT	±616.45	EDGE OF SIDEWALK (MATCH EX)
5069	43+00.64	38.72' LT	616.24	EDGE OF SIDEWALK



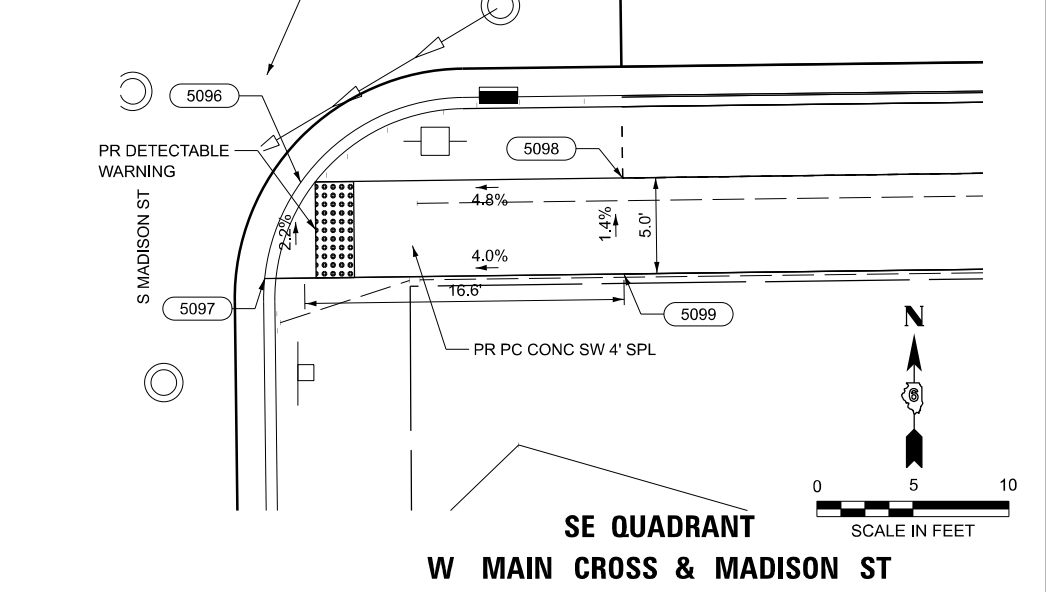
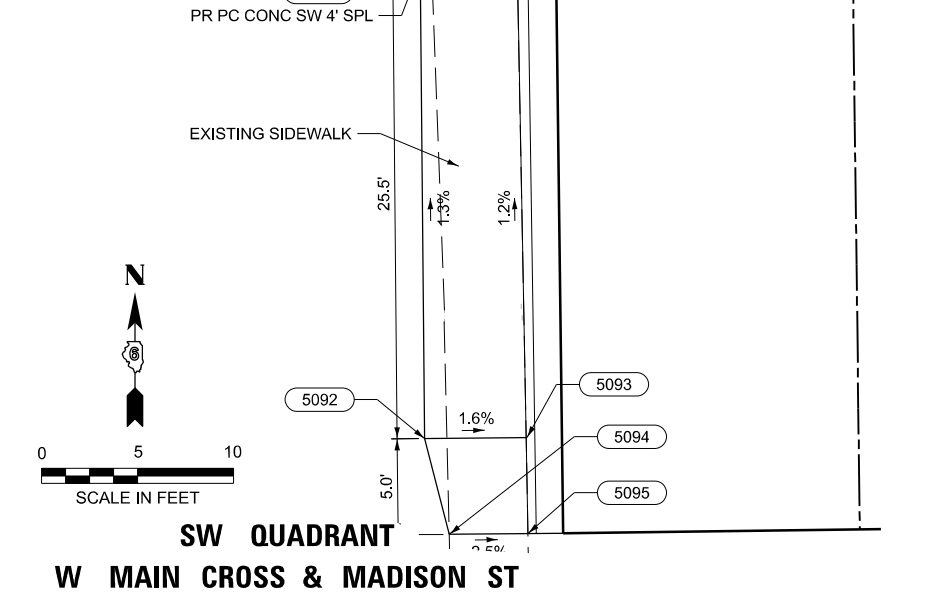
NORTHEAST QUADRANT OF MADISON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
5070	43+31.91	43.18' LT	±616.59	EDGE OF SIDEWALK (MATCH EX)
5071	43+35.91	43.18' LT	±616.75	EDGE OF SIDEWALK (MATCH EX)
5072	43+31.78	28.18' LT	615.91	EDGE OF SIDEWALK/BACK OF CURB
5073	43+34.13	23.20' LT	615.85	FLOWLINE GUTTER
5074	43+36.92	23.19' LT	615.87	EDGE OF SIDEWALK
5075	43+36.91	28.19' LT	615.94	EDGE OF SIDEWALK
5076	43+52.61	28.22' LT	616.36	EDGE OF SIDEWALK
5077	43+41.91	28.20' LT	615.99	EDGE OF SIDEWALK
5078	43+41.92	23.20' LT	615.92	EDGE OF SIDEWALK
5079	43+52.62	23.22' LT	616.29	EDGE OF SIDEWALK



SOUTHWEST QUADRANT OF MADISON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
5080	42+65.31	25.58' RT	616.22	EDGE OF SIDEWALK
5081	42+65.30	30.58' RT	616.30	EDGE OF SIDEWALK
5082	42+75.31	14.50' RT	615.58	EDGE OF SIDEWALK/BACK OF CURB
5083	42+75.31	25.60' RT	615.82	CORNER SIDEWALK
5084	42+75.30	30.59' RT	615.89	EDGE OF SIDEWALK
5085	42+80.31	15.77' RT	615.59	EDGE OF SIDEWALK/BACK OF CURB
5086	42+80.31	25.60' RT	615.77	CORNER SIDEWALK
5087	42+85.81	25.62' RT	615.72	EDGE OF SIDEWALK/BACK OF CURB
5088	42+80.20	30.64' RT	615.84	CORNER SIDEWALK
5089	42+81.75	35.60' RT	615.95	EDGE OF SIDEWALK
5090	42+85.81	30.61' RT	615.78	EDGE OF SIDEWALK/BACK OF CURB
5091	42+86.75	35.61' RT	615.90	EDGE OF SIDEWALK/BACK OF CURB
5092	42+81.67	61.11' RT	616.28	EDGE OF SIDEWALK
5093	42+87.00	61.11' RT	616.20	EDGE OF SIDEWALK/BACK OF CURB
5094	42+82.89	66.11' RT	±616.36	EDGE OF SIDEWALK (MATCH EX)
5095	42+86.98	66.11' RT	±616.26	EDGE OF SIDEWALK (MATCH EX)



SOUTHEAST QUADRANT OF MADISON ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
5096	43+24.75	25.30' RT	615.66	FLOWLINE GUTTER
5097	43+22.80	30.31' RT	615.77	FLOWLINE GUTTER
5098	43+40.01	25.29' RT	616.39	EDGE OF SIDEWALK
5099	43+40.01	30.29' RT	616.46	EDGE OF SIDEWALK



MODEL: W_Main_Cross_Madison_Sheet.dgn
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD_Sheets\43-49-D67276-shr-ADA.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1075 WEST LAURETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-264-1181 FAX: 217-264-1183
 IL DESIGN FIRM REGISTRATION NO. 184-000852

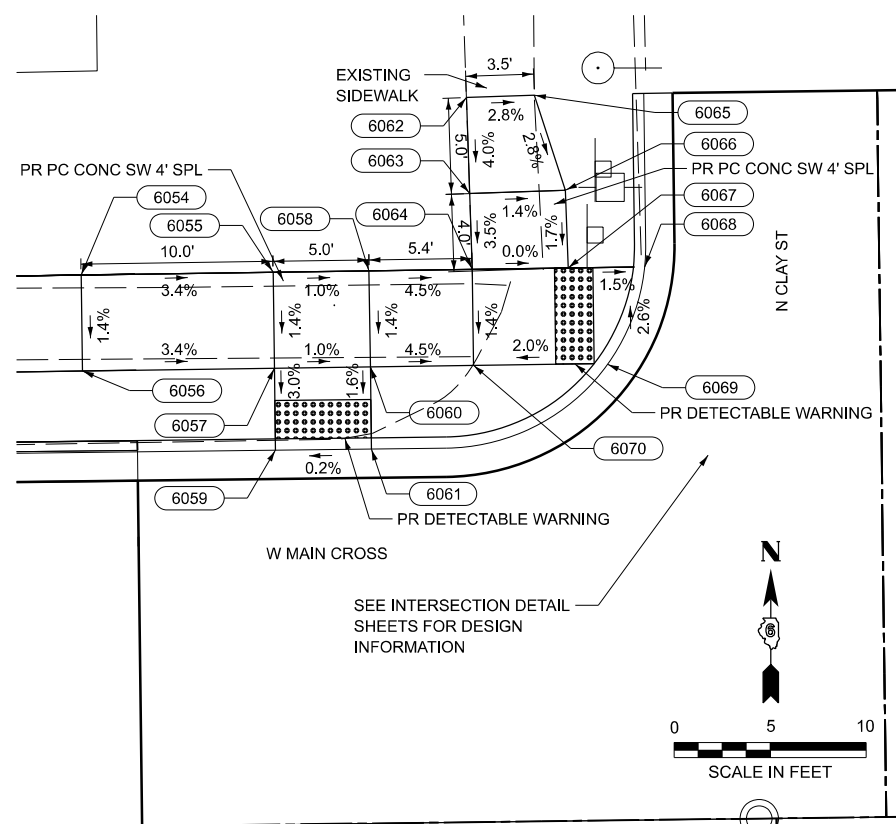
USER NAME = rshaw	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA PLAN
 WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS**

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

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 48
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



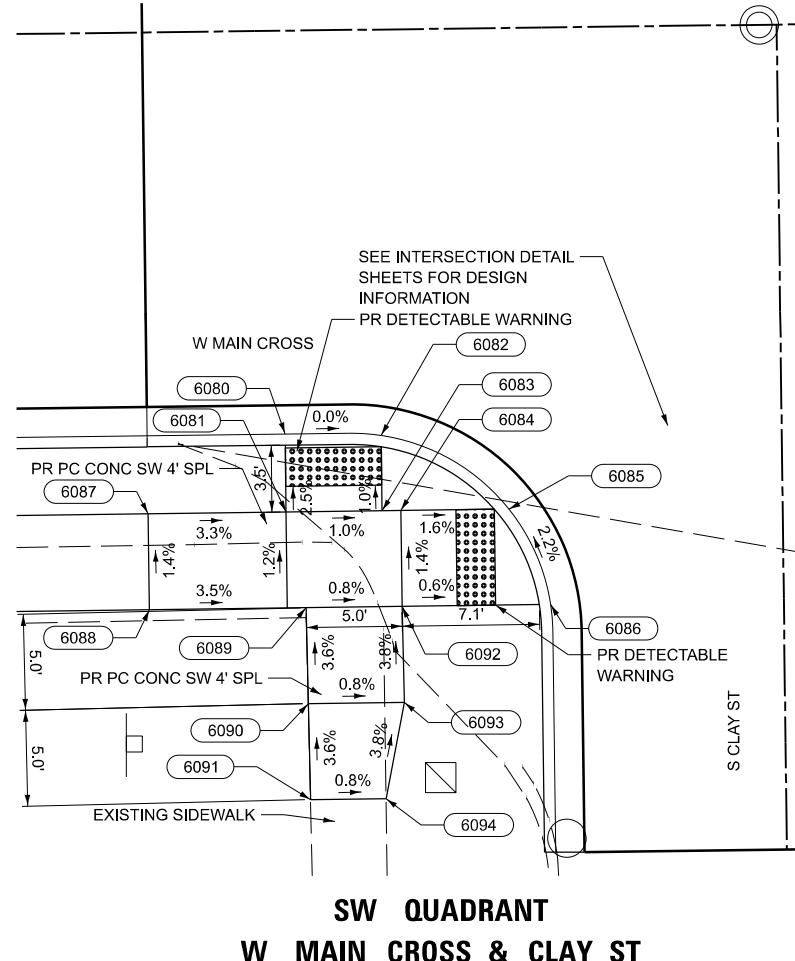
**NW QUADRANT
W MAIN CROSS & CLAY ST**

NORTHWEST QUADRANT OF CLAY ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
6054	46+17.19	28.75' LT	617.76	EDGE OF SIDEWALK
6055	46+27.19	28.77' LT	617.42	EDGE OF SIDEWALK
6056	46+17.20	23.75' LT	617.69	EDGE OF SIDEWALK
6057	46+27.20	23.77' LT	617.35	CORNER SIDEWALK
6058	46+32.19	28.78' LT	617.37	EDGE OF SIDEWALK
6059	46+27.20	19.50' LT	617.22	FLOWLINE GUTTER
6060	46+32.20	23.78' LT	617.30	CORNER SIDEWALK
6061	46+32.20	19.50' LT	617.23	FLOWLINE GUTTER
6062	46+37.47	37.74' LT	±617.44	EDGE OF SIDEWALK (MATCH EX)
6063	46+37.47	32.74' LT	617.27	EDGE OF SIDEWALK
6064	46+37.56	28.79' LT	617.13	CORNER SIDEWALK
6065	46+40.92	37.81' LT	±617.34	EDGE OF SIDEWALK (MATCH EX)
6066	46+42.47	32.85' LT	617.20	EDGE OF SIDEWALK
6067	46+42.56	28.80' LT	617.13	CORNER SIDEWALK
6068	46+46.55	28.81' LT	617.07	FLOWLINE GUTTER
6069	46+44.59	23.80' LT	617.20	FLOWLINE GUTTER
6070	46+37.57	23.79' LT	617.06	EDGE OF SIDEWALK

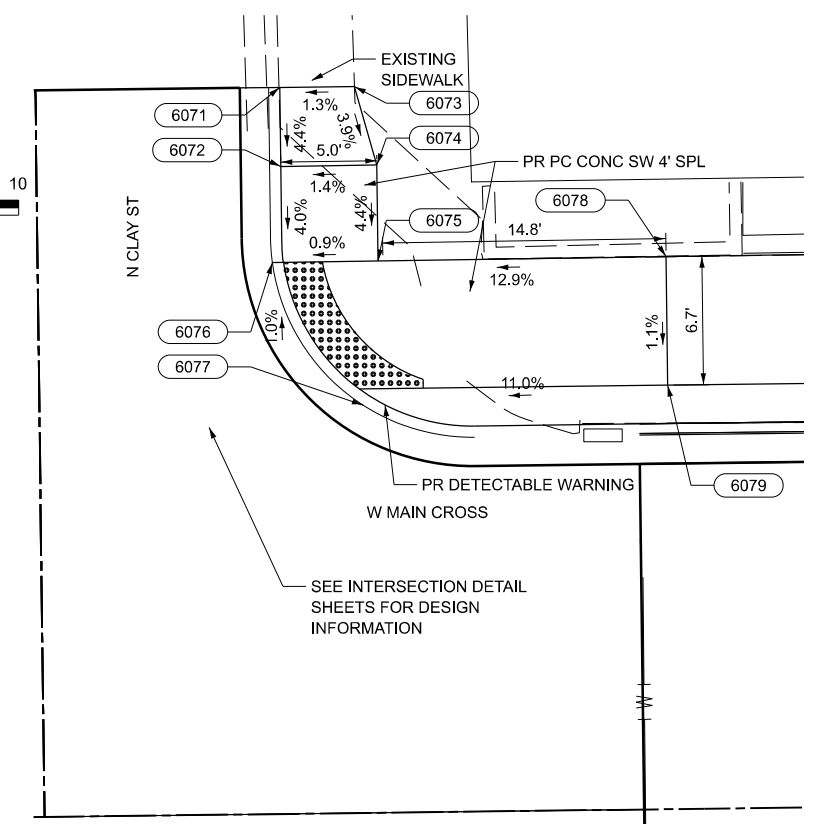
NORTHEAST QUADRANT OF CLAY ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
6071	46+71.51	37.85' LT	±617.35	EDGE OF SIDEWALK (MATCH EX)
6072	46+71.51	33.73' LT	617.17	EDGE OF SIDEWALK
6073	46+75.38	37.85' LT	±617.40	EDGE OF SIDEWALK (MATCH EX)
6074	46+76.51	33.74' LT	617.24	EDGE OF SIDEWALK
6075	46+76.51	28.74' LT	617.02	CORNER SIDEWALK
6076	46+71.00	28.73' LT	616.97	FLOWLINE GUTTER
6077	46+75.64	21.24' LT	617.12	FLOWLINE GUTTER
6078	46+91.51	28.78' LT	618.95	EDGE OF SIDEWALK
6079	46+91.51	21.28' LT	618.87	EDGE OF SIDEWALK

SOUTHWEST QUADRANT OF CLAY ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
6080	46+27.20	21.00' RT	617.21	FLOWLINE GUTTER
6081	46+27.20	25.06' RT	617.31	CORNER SIDEWALK
6082	46+32.20	21.14' RT	617.21	FLOWLINE GUTTER
6083	46+32.20	25.06' RT	617.26	CORNER SIDEWALK
6084	46+33.17	25.06' RT	617.25	EDGE OF SIDEWALK
6085	46+38.81	25.06' RT	617.16	EDGE OF SIDEWALK
6086	46+40.91	30.06' RT	617.27	EDGE OF SIDEWALK
6087	46+20.01	25.07' RT	617.55	EDGE OF SIDEWALK
6088	46+20.02	30.07' RT	617.62	EDGE OF SIDEWALK
6089	46+27.20	30.06' RT	617.37	CORNER SIDEWALK
6090	46+28.23	35.06' RT	617.55	EDGE OF SIDEWALK
6091	46+28.29	40.06' RT	±617.73	EDGE OF SIDEWALK (MATCH EX)
6092	46+33.18	30.06' RT	617.32	CORNER SIDEWALK
6093	46+33.23	35.06' RT	617.51	EDGE SIDEWALK
6094	46+32.22	40.06' RT	±617.70	EDGE OF SIDEWALK (MATCH EX)

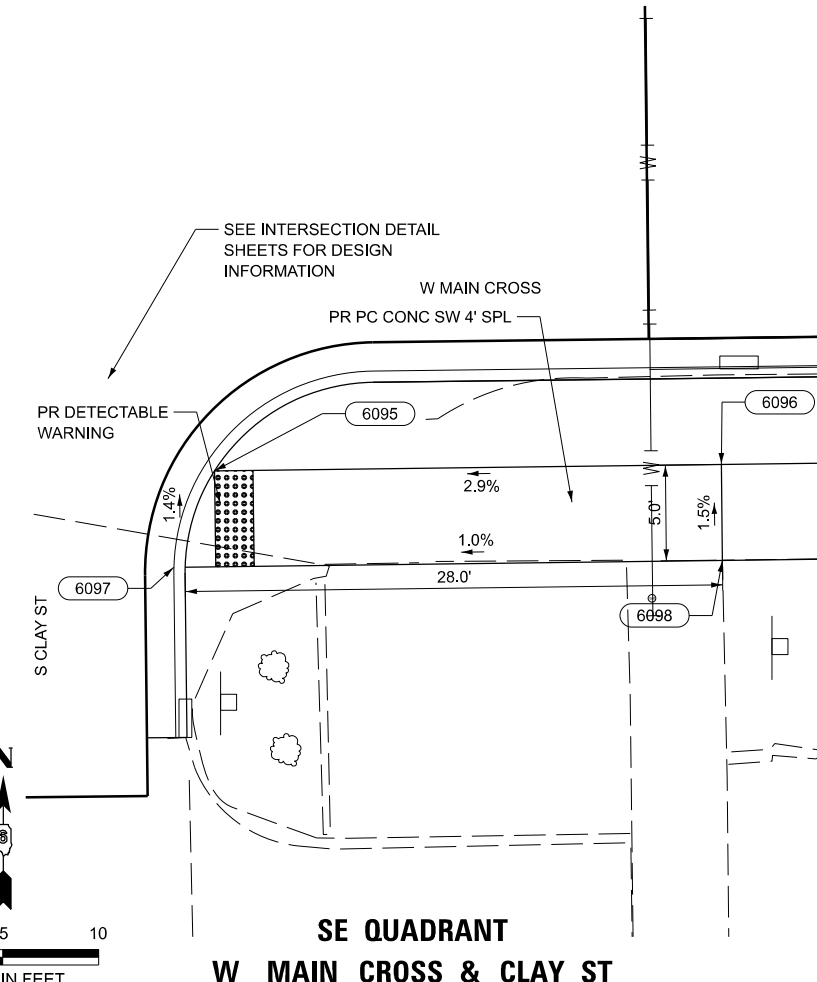
SOUTHEAST QUADRANT OF CLAY ST AND WEST MAIN CROSS				
POINT #	STATION	OFFSET	ELEVATION	DESCRIPTION
6095	46+67.31	26.08' RT	617.20	EDGE OF SIDEWALK/BACK OF CURB
6096	46+93.70	26.08' RT	617.65	EDGE OF SIDEWALK
6097	46+65.12	31.08' RT	617.27	FLOWLINE GUTTER
6098	46+93.70	31.08' RT	617.72	EDGE OF SIDEWALK



**SW QUADRANT
W MAIN CROSS & CLAY ST**



**NE QUADRANT
W MAIN CROSS & CLAY ST**



**SE QUADRANT
W MAIN CROSS & CLAY ST**

MODEL: W_Main_Cross_Clay (Sheet)
FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD_Sheets\43-49-D67776-shr-ADA.dgn



BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS (LAND SURVEYORS)
1075 WEST LAURETTE AVE.
JACKSONVILLE, IL 62550
PHONE: 217-264-1181 FAX: 217-264-1183
IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = rshaw
DESIGNED - RDS
DRAWN - RDS
CHECKED - WJS
PLOT DATE = 6/10/2025

DESIGNED - RDS
DRAWN - RDS
CHECKED - WJS
DATE - JUNE 2025

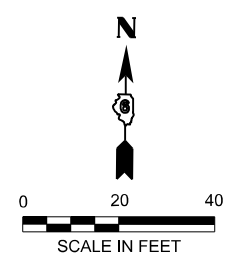
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA PLAN
WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	49
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



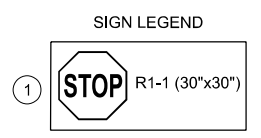
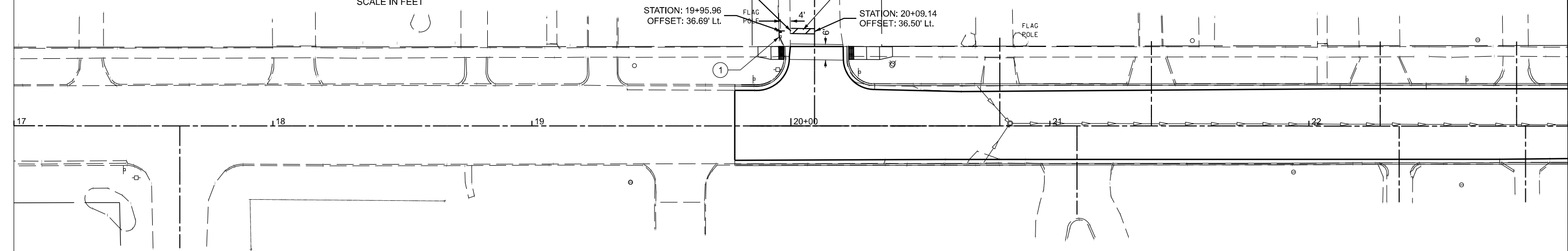
STOP LINE - PAINT PAVEMENT MARKING LINE 24" (TYPICAL)

STATION: 19+99.96
OFFSET: 36.69' Lt.

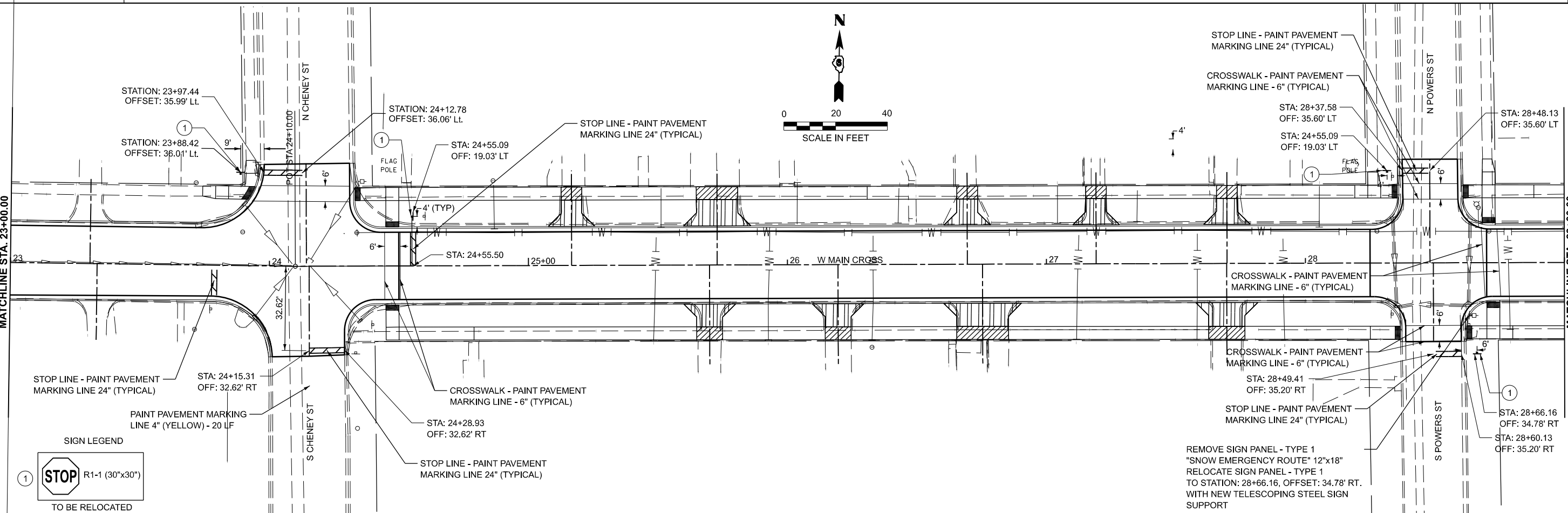
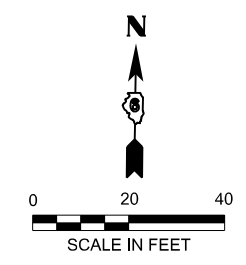
FLAG POLE

STATION: 20+09.14
OFFSET: 36.50' Lt.

FLAG POLE



MATCHLINE STA. 23+00.00



MATCHLINE STA. 23+00.00

MATCHLINE STA. 29+00.00

MODEL: P:\MK-Plan1 - P\MK-Plan 1 (Sheet)
FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\50-52-D67276-shp\mk-plan1.dwg

BA BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS (LAND SURVEYORS)
1070 WEST LAURETTE AVE.
JACKSONVILLE, IL 62250
PHONE: 217-264-4140 FAX: 217-264-4149
IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = knichois
PLOT DATE = 7/8/2025

DESIGNED - RDS
DRAWN - RDS
CHECKED - WJS
DATE - JUNE 2025

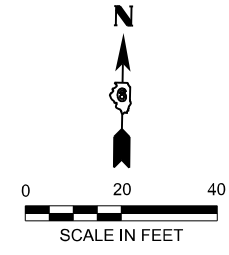
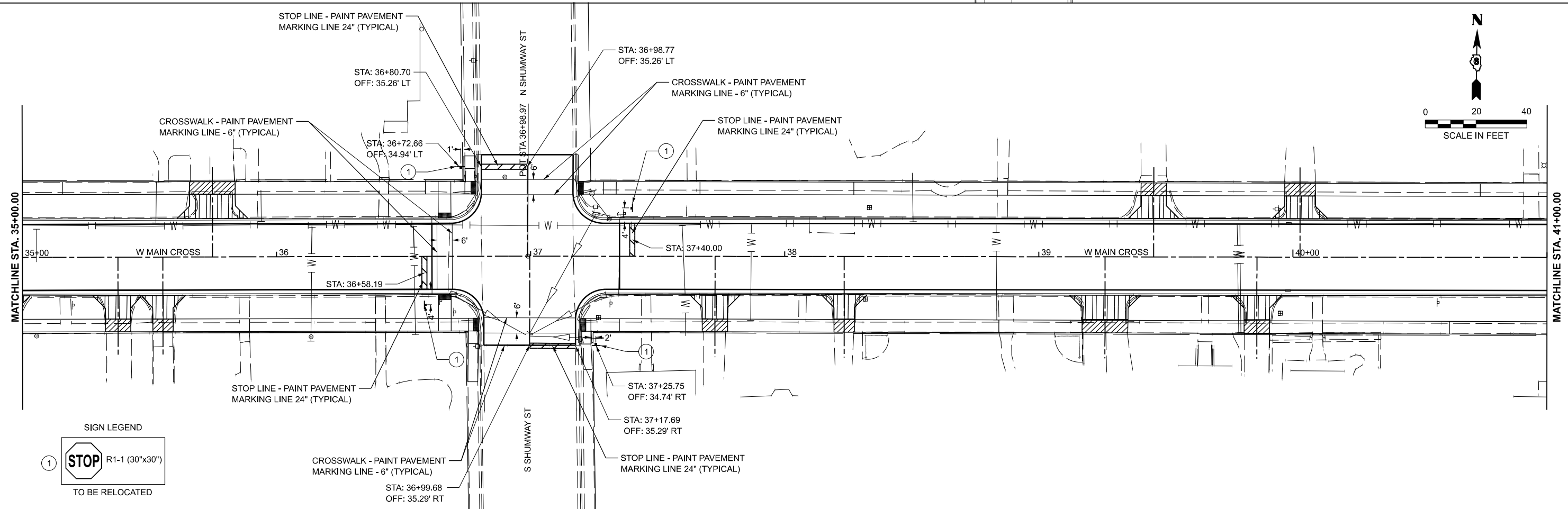
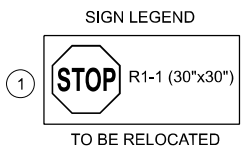
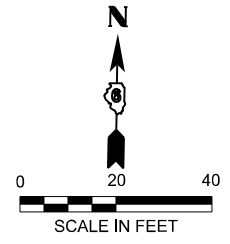
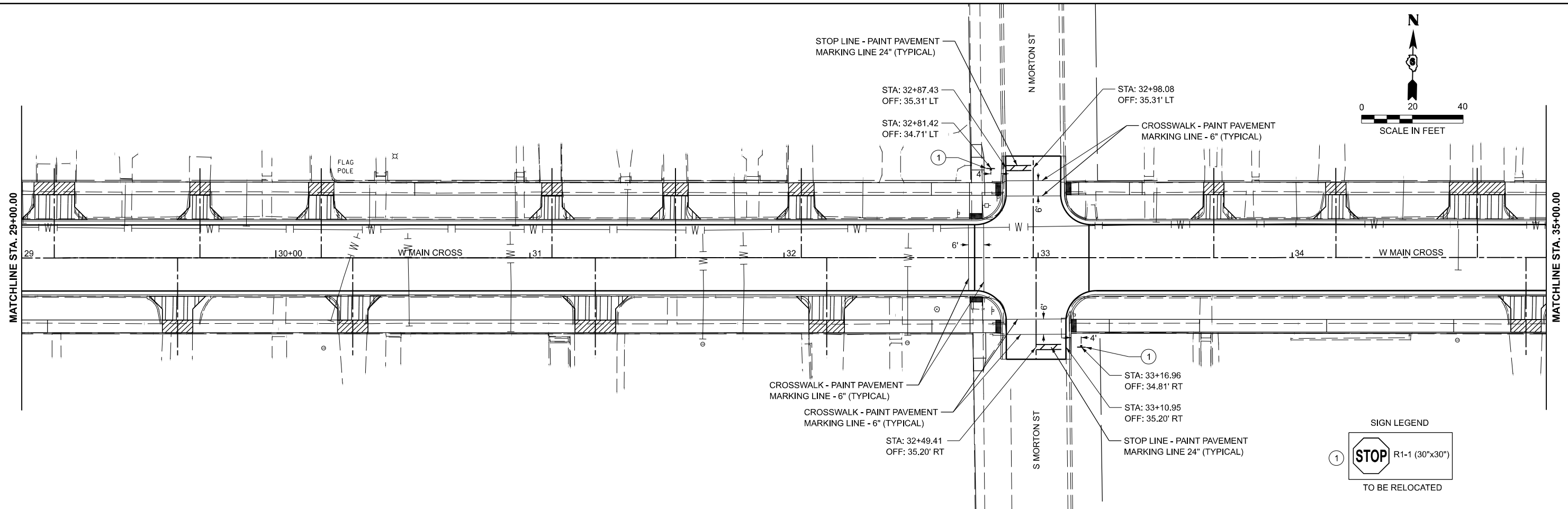
REVISED - .
REVISED - .
REVISED - .
REVISED - .

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

SCALE: 1"=20' SHEET 1 OF 3 SHEETS STA. 19+86.00 TO STA. 29+00.00

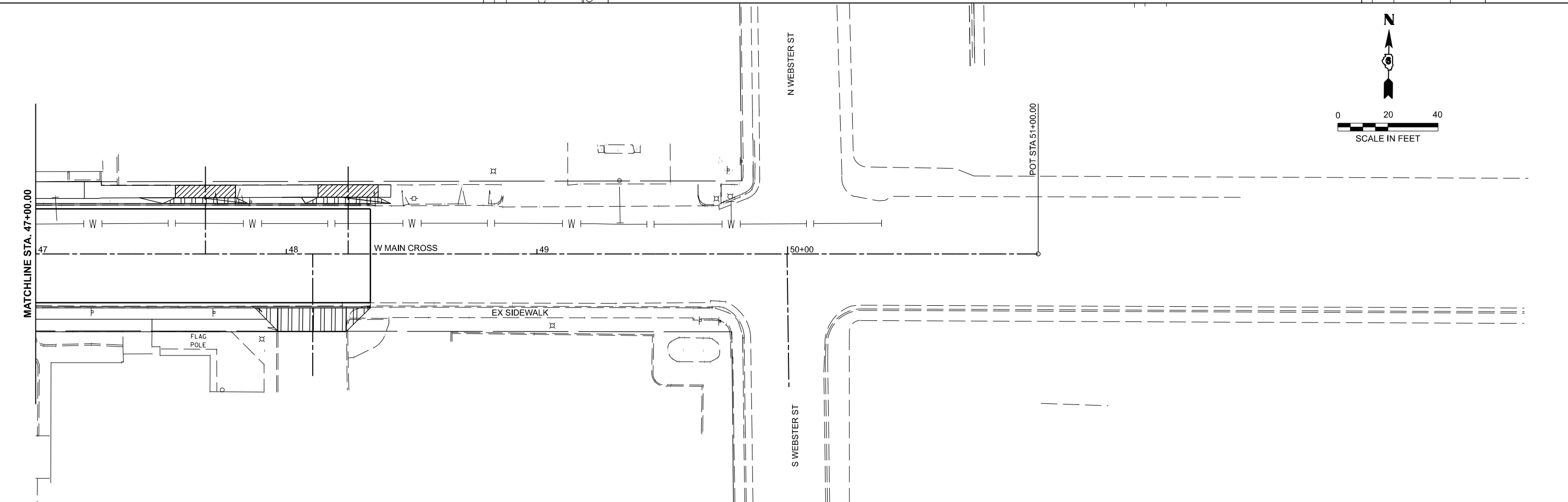
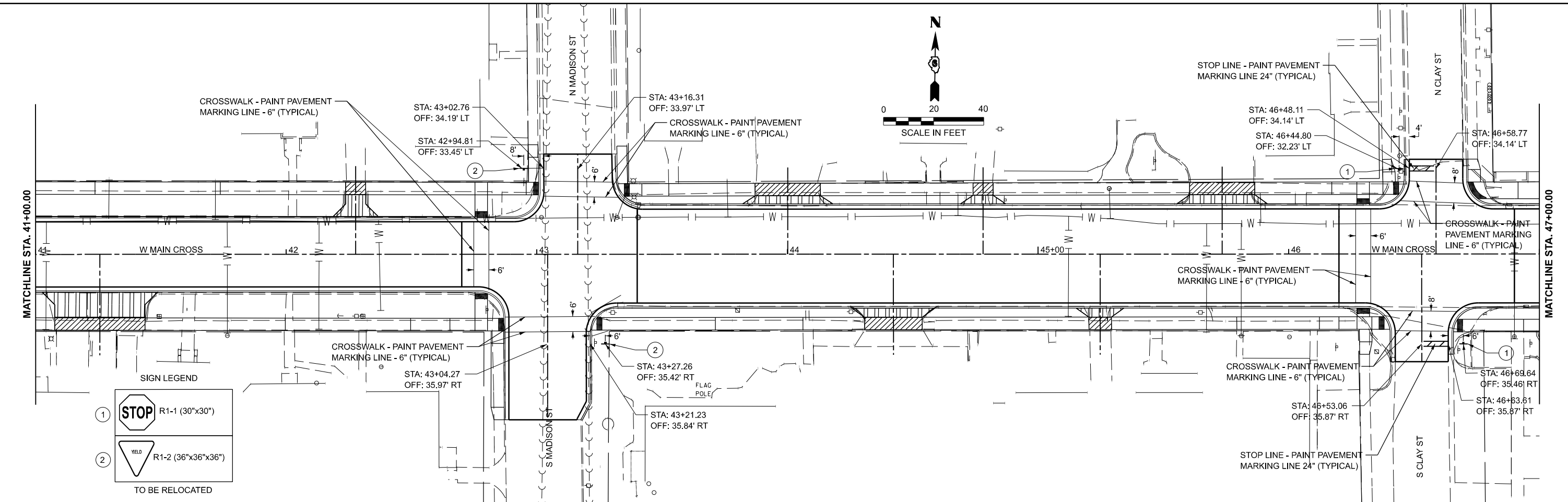
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	50
CONTRACT NO. 93841				
		ILLINOIS	FED. AID PROJECT	



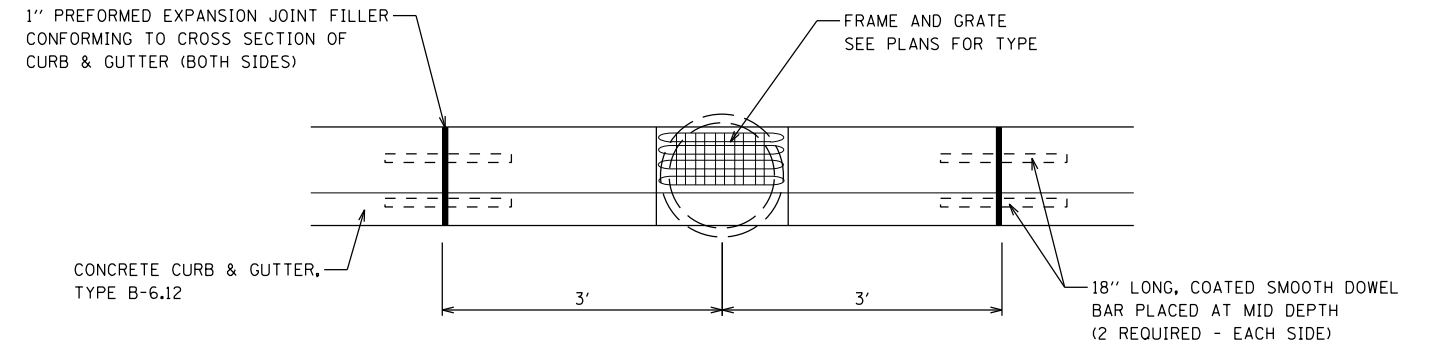
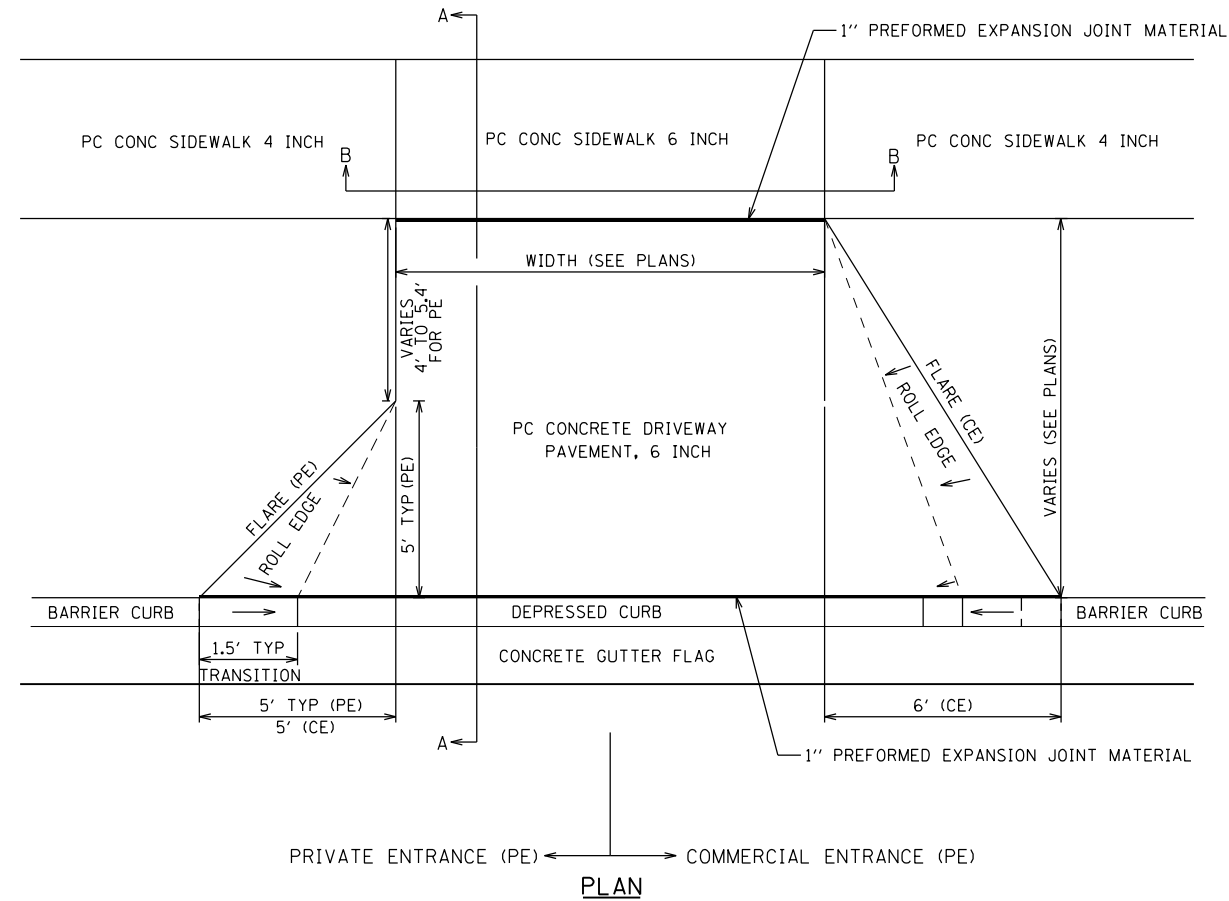
MODEL: P:\MK-Plan1 - P\MK-Plan 3 (Sheet)
 FILE NAME: P:\19E3342FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\50-52-D67278-shp\p\mk-plan3.dwg

BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS (LAND SURVEYORS) 1075 WEST LAURETTE AVE. JACKSONVILLE, IL 62550 PHONE: 217-264-1180 FAX: 217-264-1189 IL DESIGN FIRM REGISTRATION NO. 194-000852	USER NAME = knlchois PLOT DATE = 7/8/2025	DESIGNED - RDS DRAWN - RDS CHECKED - WJS DATE - JUNE 2025	REVISED - . REVISED - . REVISED - . REVISED - .	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN WEST MAIN CROSS ROADWAY IMPROVEMENTS	SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. 29+00.00 TO STA. 41+00.00	F.A.U. RTE. 7878 SECTION 20-00065-00-RS COUNTY CHRISTIAN TOTAL SHEETS 77 SHEET NO. 51 CONTRACT NO. 93841 ILLINOIS FED. AID PROJECT
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------	--------------------------------------------------------------------	----------------------------------------------------------	-----------------------------------------------------------------	-----------------------------------------------------------------------------	------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------

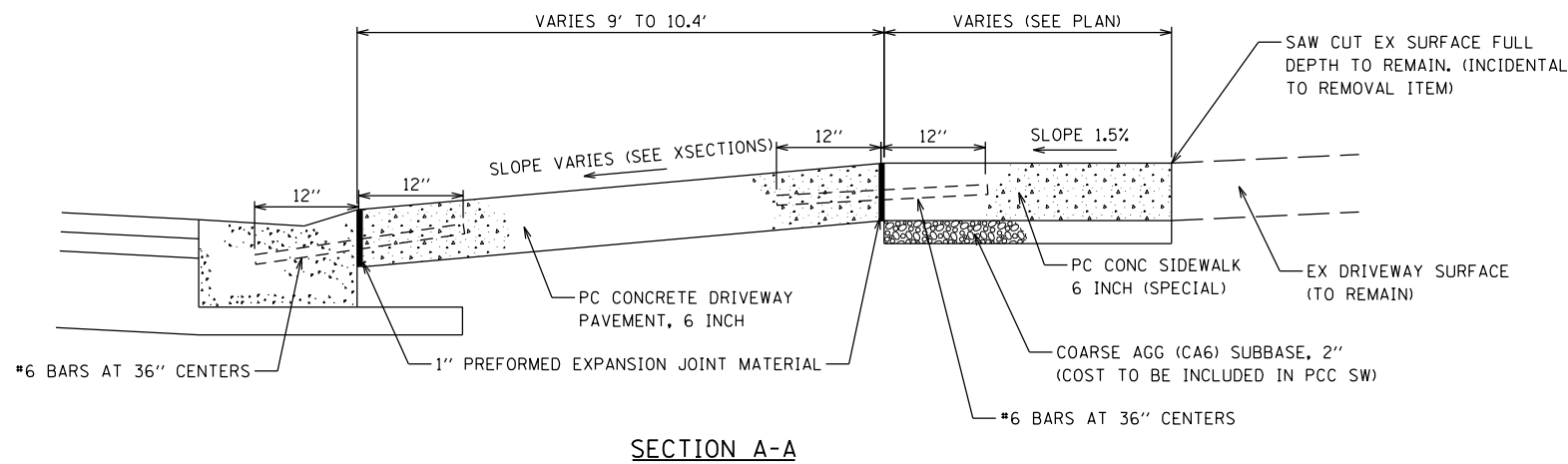
MODEL: P:\MK-Plan1 - P\MK-Plan 5 (Sheet)
 FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD_Sheets\50-52-D67278-shp\p\mk-plan5.dgn



BENTON & ASSOCIATES, INC. CONSULTING ENGINEERS (LAND SURVEYORS) 1075 WEST LAURETTE AVE. JACKSONVILLE, IL 62550 PHONE: 217-264-1180 FAX: 217-264-1189 IL DESIGN FIRM REGISTRATION NO. 184-000852	USER NAME = knichois	DESIGNED - RDS	REVISED - .	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN WEST MAIN CROSS ROADWAY IMPROVEMENTS			F.A.U. RTE. = 7878	SECTION = 20-00065-00-RS	COUNTY = CHRISTIAN	TOTAL SHEETS = 77	SHEET NO. = 52
	PLOT DATE = 7/8/2025	DRAWN - RDS CHECKED - WJS DATE - JUNE 2025	REVISED - . REVISED - . REVISED - . REVISED - .		SCALE: 1"=20' SHEET 3 OF 3 SHEETS STA. 41+00.00 TO STA. 48+33.51	CONTRACT NO. 93841 ILLINOIS FED. AID PROJECT						

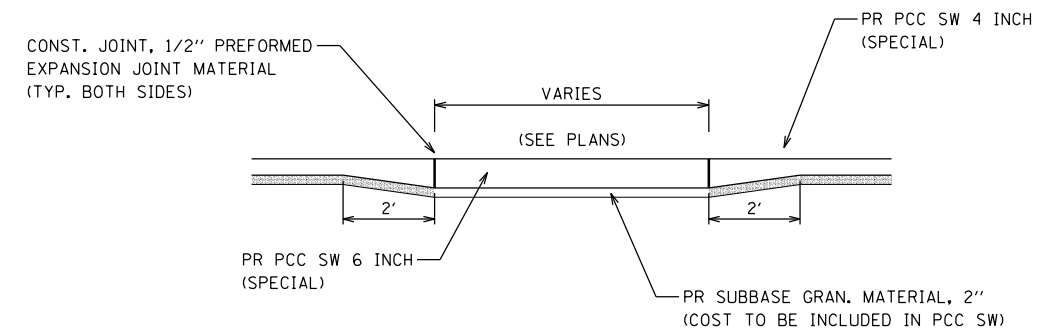


DETAIL CURB AND GUTTER INLET EXPANSION JOINT
NOT TO SCALE



SECTION A-A

DRIVEWAY ENTRANCE DETAIL
NOT TO SCALE



SECTION B-B

MODEL: Construction_Details-1 (Sheet)
FILE NAME: P:\18E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD_Sheets\51-52-D67878-ehh-construction-details.dgn



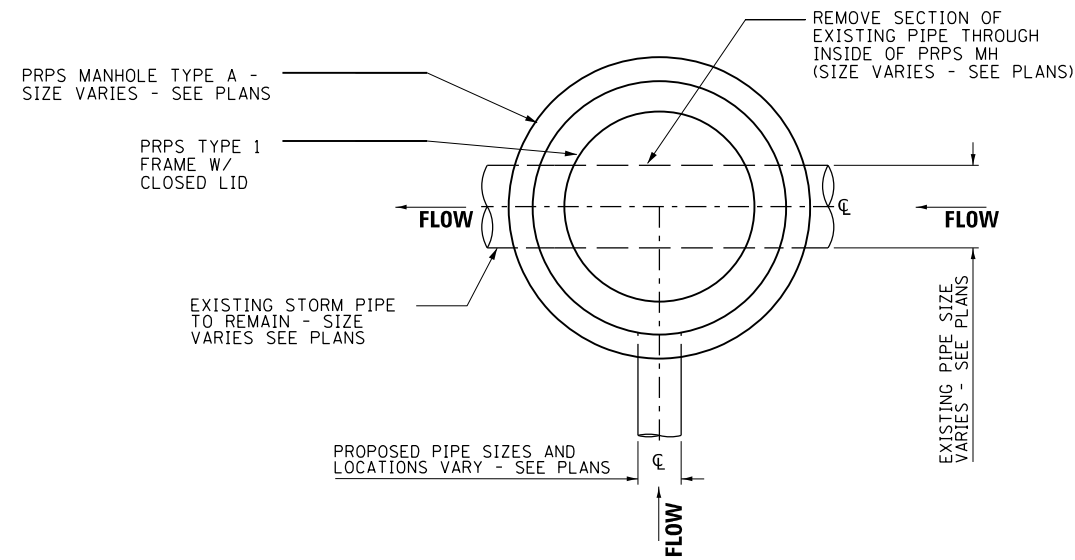
USER NAME = knlchois	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

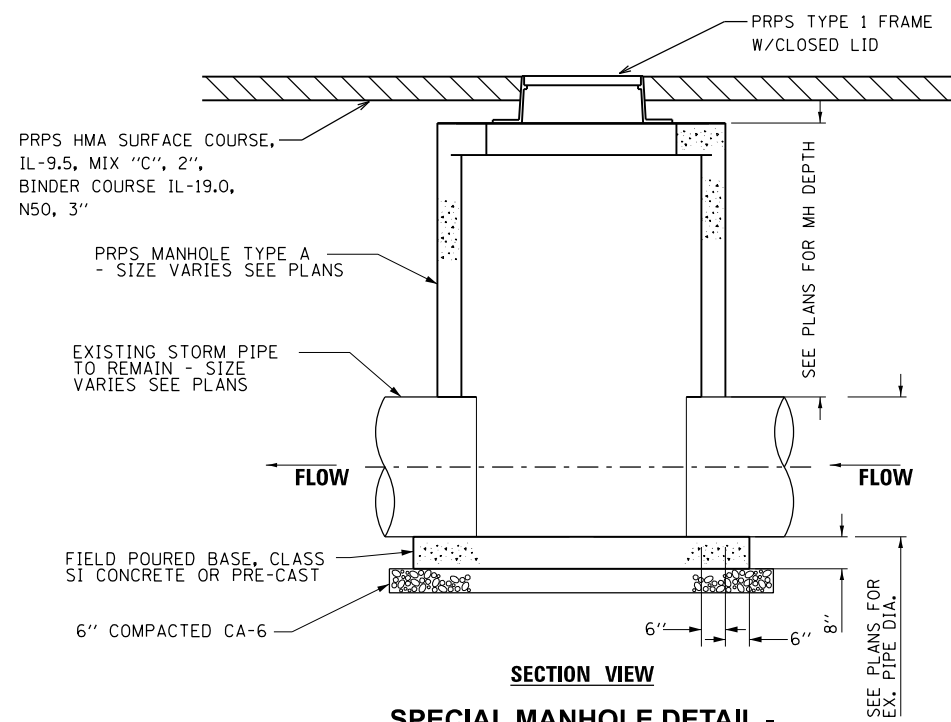
CONSTRUCTION DETAILS
WEST MAIN CROSS ST. ROADWAY IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	53
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



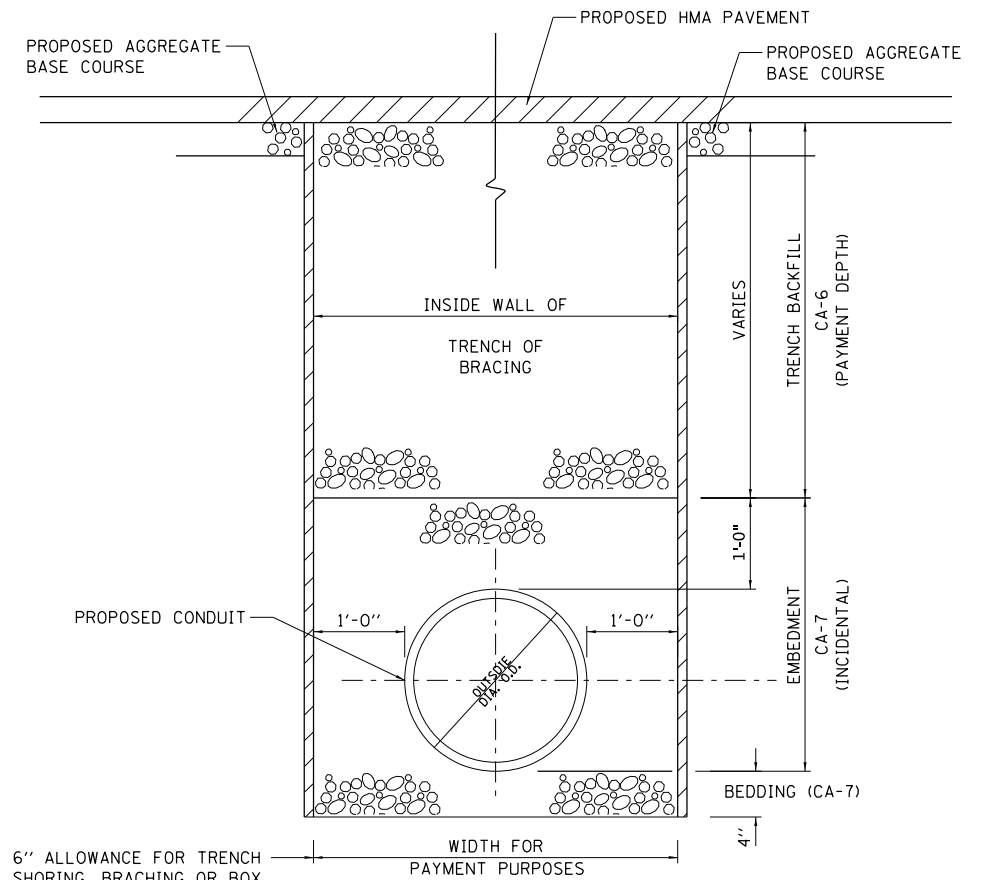
PLAN VIEW



SECTION VIEW

**SPECIAL MANHOLE DETAIL -
MANHOLE #5, MANHOLE #12
& MANHOLE #13 "DOGHOUSE"**

NOT TO SCALE



**TYPICAL DETAIL OF STORM SEWER INSTALLATION
UNDER HOT MIX ASPHALT**

NOT TO SCALE

MODEL: Construction_Details-3 (Sheet)
FILE NAME: P:\18E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD_Sheets\51-52-D67878-eh-construction-details.dgn



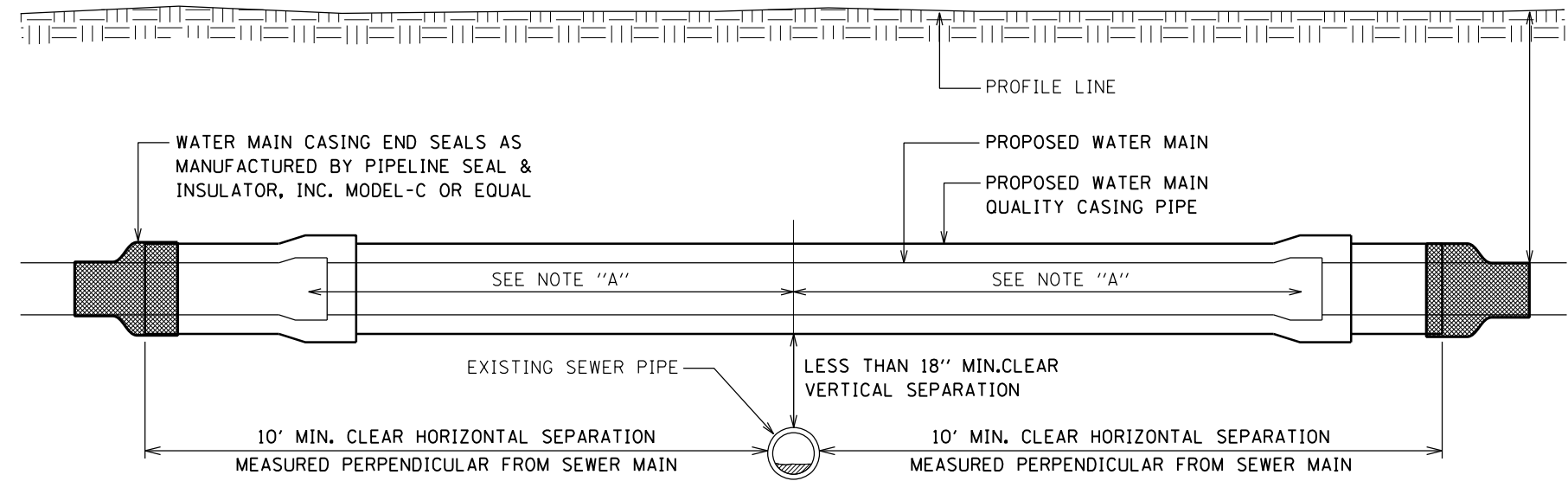
USER NAME = knlchois	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
WEST MAIN CROSS ROADWAY IMPROVEMENTS

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

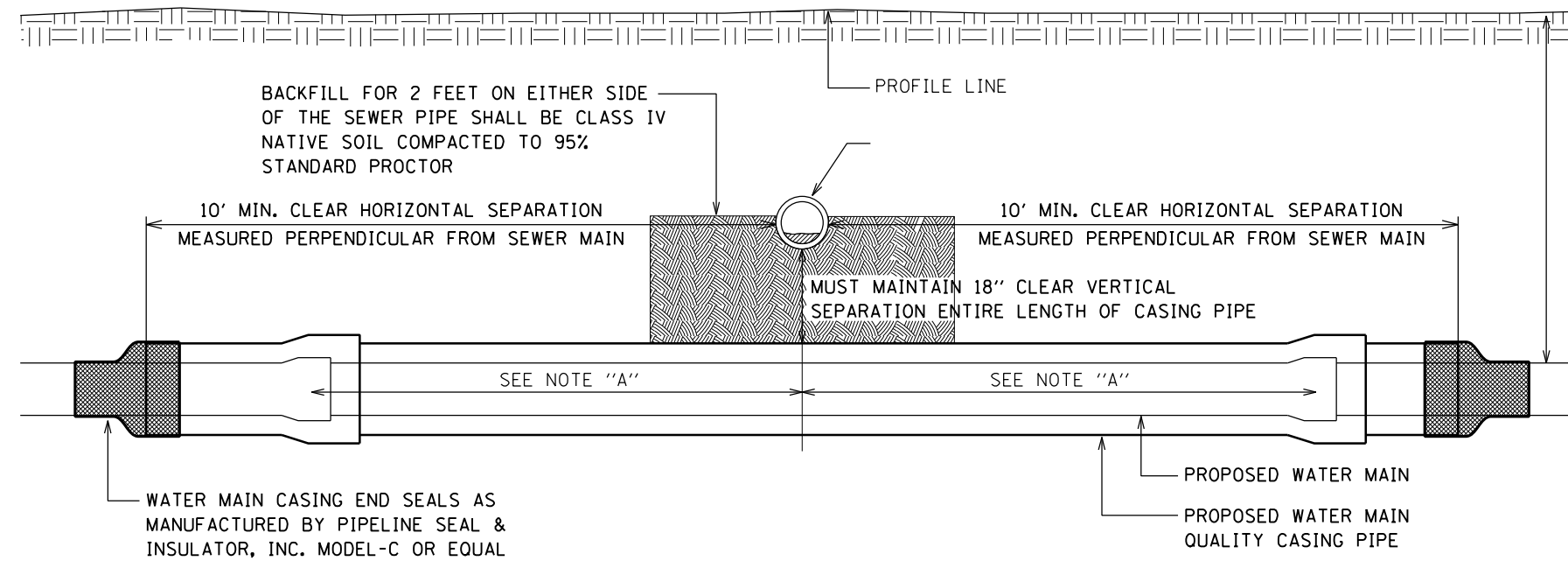
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	54
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				



WATER MAIN CASING DETAIL - WATER ABOVE SEWER

NOT TO SCALE

NOTE "A"
JOINTS IN WATER MAIN PIPE AND WATER MAIN CASING PIPE SHALL BE SPACED EQUIDISTANT FROM THE CENTER OF THE EXISTING SEWER PIPE



WATER MAIN CASING DETAIL - SEWER ABOVE WATER

NOT TO SCALE

MODEL: WM_Casing_Details [Sheet]
FILE NAME: P:\19E3342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD_Sheets\56-D67878-1\Water Main Casing_Details.dgn



USER NAME = rshaw	DESIGNED - JLH	REVISED - .
	DRAWN - ARH	REVISED - .
	CHECKED - JAM	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATERMAIN CASING DETAILS
WEST MAIN CROSS ROADWAY IMPROVEMENTS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	55
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

DIVISION IV: WATER DISTRIBUTION
SECTION 41. PIPE INSTALLATION FOR WATER MAINS

All additional Requirements are in Italics

41-1 GENERAL
 Pipe shall be installed in accordance with the manufacturer's specifications and instructions for the type of pipe used and applicable AWWA Standards, such as C 600, C 604, and C 605 unless modified or changed in the Special Provisions.

41-2 CONSTRUCTION

41-2.01 PROTECTION OF WATER MAIN AND WATER SERVICE LINES
 Water mains and water service lines shall be protected from sanitary sewers, combined sewers, house sewer service connections and drains as follows:

41-2.01A HORIZONTAL SEPARATION - WATER MAINS AND SEWERS
 (1) Water mains shall be located at least ten (10) feet (3.1 m) horizontally from any existing or proposed drain, storm sewer, sanitary sewer, combined sewer or sewer service connection.

(2) Water mains may be located closer than ten (10) feet (3.1 m) to a sewer line when:

- (a) local conditions prevent a lateral separation of ten (10) feet (3.1 m); and
- (b) the water main invert is at least eighteen (18) inches (460 mm) above the crown of the sewer; and
- (c) the water main is either in a separate trench or in the same trench on an undisturbed earth shelf located to one side of the sewer.

(3) When it is impossible to meet (1) or (2) above, both the water main and drain or sewer shall be constructed of slip-on or mechanical joint cast or ductile iron pipe, prestressed concrete pipe, PVC pipe, or HDPE pipe equivalent to water main standards of construction. The drain or sewer shall be pressure tested to the maximum expected surcharge head before backfilling. See Standard Drawing No. 18. Requires agency approval during permitting or construction.

41.201B VERTICAL SEPARATION - WATER MAINS AND SEWERS

(1) A water main shall be separated from a sewer so that its invert is a minimum of eighteen (18) inches (460 mm) above the crown of the drain or sewer whenever water mains cross storm sewers, sanitary sewers or service connections. The vertical separation shall be maintained for that portion of the water main located within ten (10) feet (3.1m) horizontally of any sewer or drain crossed. A length of water main pipe shall be centered over the sewer to be crossed with joints equidistant from the sewer or drain.

(2) Both the water main and sewer shall be constructed of slip-on or mechanical joint cast or ductile iron pipe, prestressed concrete pipe, PVC pipe, or HDPE pipe equivalent to water main standards of construction when: Requires agency approval during permitting or construction.

(a) it is impossible to obtain the proper vertical separation as described in

- (1) above; or
- (b) the water main passes under a sewer or drain.

(3) A vertical separation of eighteen (18) inches (460 mm) between the invert of the sewer or drain and the crown of the water main shall be maintained where a water main crosses under a sewer. Support the sewer or drain lines to prevent settling and breaking the water main, as shown on the Plans or as approved by the ENGINEER.

(4) Construction of water main quality pipe shall extend on each side of the crossing until the perpendicular distance from the water main to the sewer or drain line is at least ten (10) feet (3.1 m). See Standard Drawings No. 19-20.

41-2.01C WATER SERVICE LINES

(1) The horizontal and vertical separation between water service lines and all storm sewers, sanitary sewers, combined sewers or any drain or sewer service connection shall be the same as water main separation described in 41-2.01A and 41-2.01B above, and the Illinois Plumbing Code.

(2) Water pipe described in 41-2.01A above shall be used for sewer service lines when minimum horizontal and vertical separation cannot be maintained.

41-2.01D SPECIAL CONDITIONS

Conditions in 41-2.01A, 41-2.01B and 41-2.01C or as shown on Standard Drawing Nos. 18 through 22 shall be met unless special considerations are covered in the Plans and Special Provisions.

41-2.01E PROTECTION OF WATER MAINS AND FORCEMAINS

Force mains shall not be installed over water mains. There shall be at least ten (10) foot horizontal separation between water mains and sewer force mains. There shall be an eighteen (18) inch vertical separation between the invert of the water main and the crown of the forcemain.

41-2.01F SEWER MANHOLES

No water pipe shall pass through or come into contact with any part of a sewer or sewer manhole.

41-2.01G SEPARATION FROM SEPTIC TANKS, DISPOSAL FIELDS AND SEEPAGE BEDS

Water mains shall be separated from septic tanks, disposal fields and seepage beds by a minimum of 25 feet.

41-2.01H PROTECTION FROM THE ENTRANCE OF HYDROCARBONS

Water mains and water service lines shall be protected against entrance of hydrocarbons by diffusion through any material used in construction of the line.

41-2.02 EXCAVATION, BACKFILL, AND CLEAN UP OF PIPE COVER

Excavation, backfill, and cleanup for water mains shall conform to the provisions of existing ground surface or established grade to the top of the barrel of the pipe. Minimum depth will range from three (3) to five (5) feet (1m to 1.5m) from Southern to Northern Illinois, respectively. In areas subject to subsequent excavation or fill, the mains shall be laid to grades shown on the Plans. For pipe bedding and unsuitable trench conditions, see Section 20. DIVISION II and the requirements below.

All pipe shall be laid to a minimum depth as shown on the Plans and measured from the existing ground surface or established grade to the top of the barrel of the pipe. Minimum depth will range from three (3) to five (5) feet from Southern to Northern Illinois, respectively. In areas subject to subsequent excavation or fill, the mains shall be laid to grades shown on the Plans.

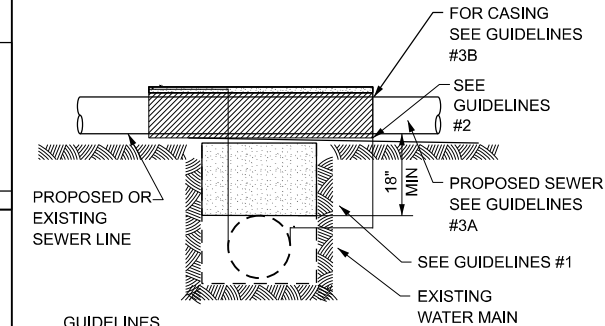
NOTE: ALL DETAILS, REFERENCES AND NOTES ARE FROM, AND REFER TO, THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS," 2020. ALL INSTALLATION OTHER THAN PRIORITY NO. 1 REQUIRES EPA, OWNER, & IDPH PRIOR APPROVAL.

REQUIRES AGENCY PRIOR APPROVAL

PROPOSED SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION. ABOVE EXISTING WATER MAIN.

NOTE: COMPACTION REQUIREMENTS REFER TO ARTICLE 20-4.

NOTE: "S" IS THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN.



- GUIDELINES**
- IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.

- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.

- CONSTRUCT "L" FEET OF PROPOSED SEWER OR WATER MAIN MATERIAL AND PRESSURE TEST, OR;
- USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

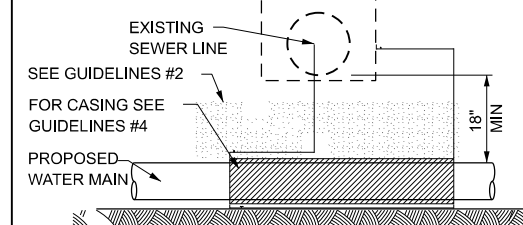
WATER AND SEWER SEPARATION REQUIREMENTS
 VERTICAL SEPARATION
 STD. DWG. NO. 19

REQUIRES AGENCY PRIOR APPROVAL

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION.

NOTE: COMPACTION REQUIREMENTS REFER TO ARTICLE 20-4.

NOTE: "S" IS THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.



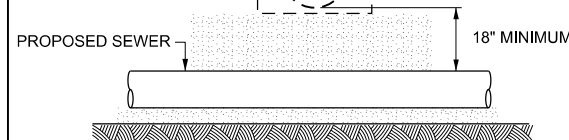
- GUIDELINES**
- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.

- IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
- PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
- USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.

WATER AND SEWER SEPARATION REQUIREMENTS
 VERTICAL SEPARATION
 STD. DWG. NO. 23

PRIORITY #1

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH 18" MIN. VERT. SEPARATION

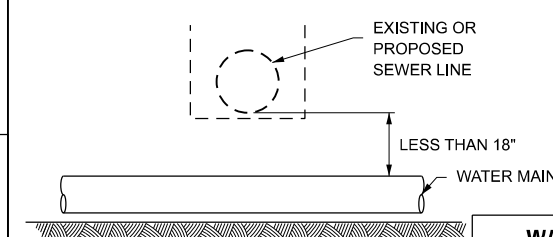


- GUIDELINES**
- PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

WATER AND SEWER SEPARATION REQUIREMENTS
 VERTICAL SEPARATION
 STD. DWG. NO. 20

REQUIRES AGENCY PRIOR APPROVAL

PLACEMENT OF WATER MAIN BELOW EXISTING OR PROPOSED SEWER LINE WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION. NOT ALLOWED*



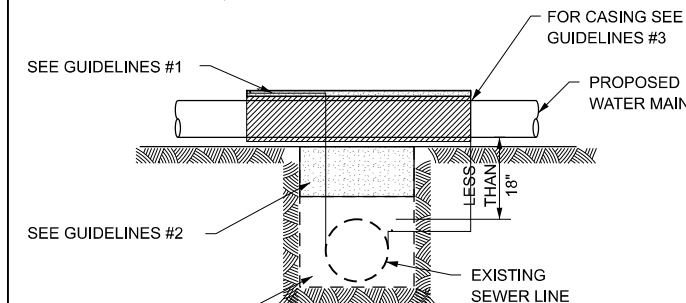
NOT ALLOWED*
 MUST MAINTAIN 18" VERTICAL SEPARATION

WATER AND SEWER SEPARATION REQUIREMENTS
 VERTICAL SEPARATION
 STD. DWG. NO. 24

REQUIRES AGENCY PRIOR APPROVAL

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" VERTICAL SEPARATION.

NOTE: COMPACTION REQUIREMENTS REFER TO ARTICLE 20-4.



NOTE: "S" IS THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.

- GUIDELINES**
- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.

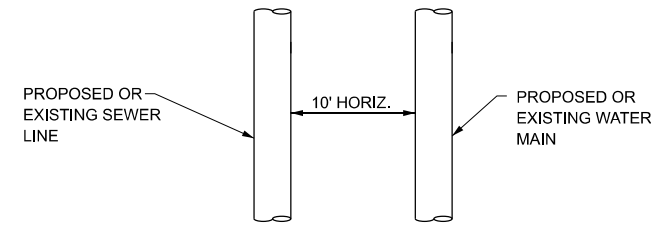
- IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.

- USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
- POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER.

WATER AND SEWER SEPARATION REQUIREMENTS
 VERTICAL SEPARATION
 STD. DWG. NO. 22

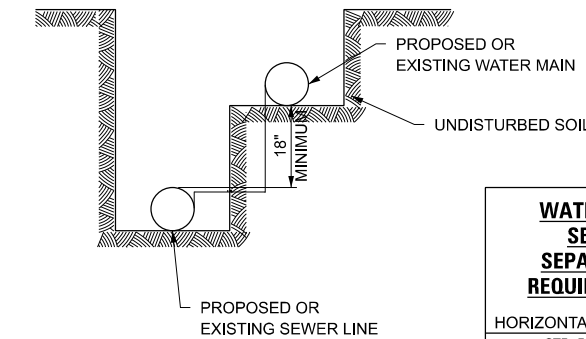
PRIORITY #1

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED. SEE ARTICLE 41-2.01A (1).



PLAN VIEW

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10 FEET FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY. SEE ARTICLE 41-2.01B (2).



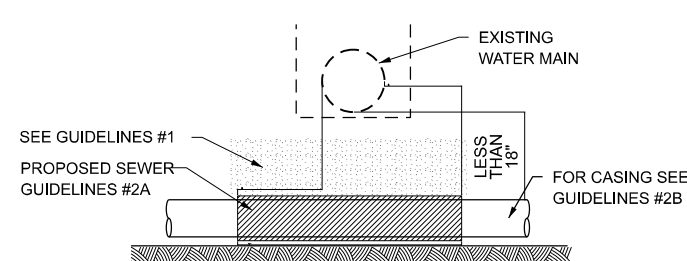
WATER AND SEWER SEPARATION REQUIREMENTS
 HORIZONTAL SEPARATION
 STD. DWG. NO. 18

REQUIRES AGENCY PRIOR APPROVAL

PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH LESS THAN 18" VERTICAL SEPARATION.

NOTE: COMPACTION REQUIREMENTS REFER TO ARTICLE 20-4.

NOTE: "S" IS THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AS MEASURED PERPENDICULAR TO THE EXISTING WATER MAIN.



- GUIDELINES**
- OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT FOR "S" FEET ON EACH SIDE OF WATER MAIN.

- CONSTRUCT "L" FEET OF PROPOSED SEWER, OF WATER MAIN MATERIAL AND PRESSURE TEST, OR;

- USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

- PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

WATER AND SEWER SEPARATION REQUIREMENTS
 VERTICAL SEPARATION
 STD. DWG. NO. 21

MODEL - Separation_Details (Sheet)
 FILE NAME - P:\19E3342\FAU 1878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\55-067878-sh1-Separation_details.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS (LAND SURVEYORS)
 1075 WEST LAURETTE AVE.
 JACKSONVILLE, IL 62650
 PHONE: 217-264-1180 FAX: 217-264-1183
 IL DESIGN FIRM REGISTRATION NO. 194-000852

USER NAME = rshaw	DESIGNED - JLH	REVISED - .
	DRAWN - ARH	REVISED - .
	CHECKED - JAM	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

DESIGNED - JLH	REVISED - .
DRAWN - ARH	REVISED - .
CHECKED - JAM	REVISED - .
DATE - JUNE 2025	REVISED - .

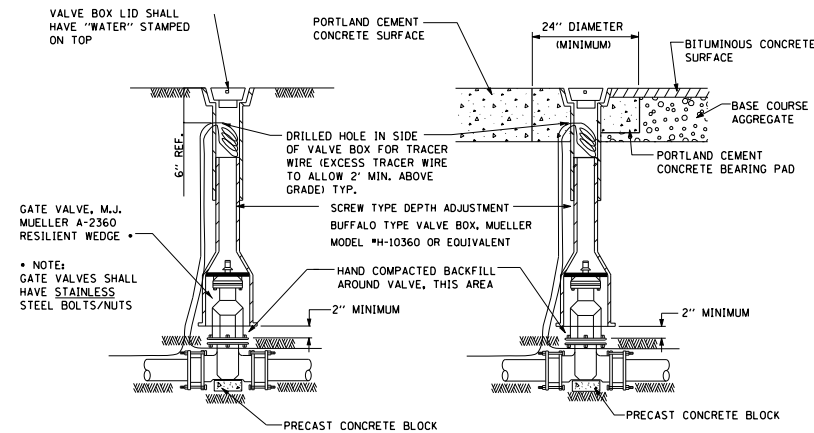
DESIGNED - JLH	REVISED - .
DRAWN - ARH	REVISED - .
CHECKED - JAM	REVISED - .
DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

SEPARATION DETAILS
 WEST MAIN CROSS ROADWAY IMPROVEMENTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	56
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

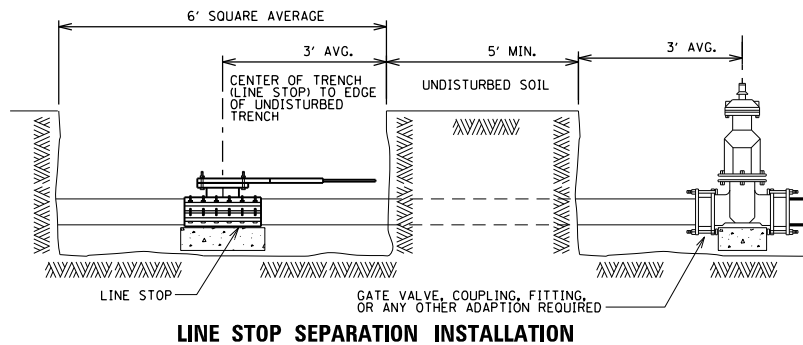


VALVE BOX INSTALLATION

VALVE BOX INSTALLATION IN PERMANENT SURFACE ROADWAYS

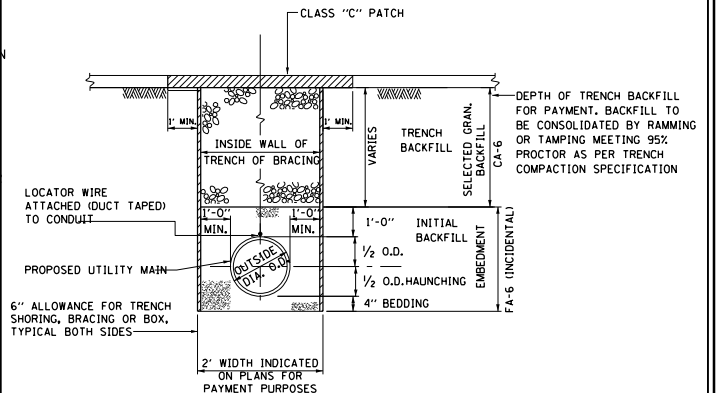
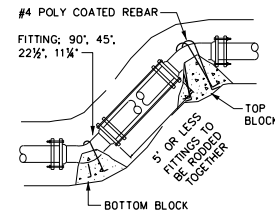
AVERAGE CONCRETE BEARING AREA OF VERTICAL TIE DOWNS TYPICAL OF ALL BENDS			BEARING AREA OF HORIZONTAL THRUST BLOCK			
WATER MAIN SIZE	TYPICAL OF ALL BENDS		BLOCK SIZE IN SQ. FT.		BLOCK SIZE IN CU. YD.	
	TOP BLOCK SIZE IN CU. YDS.	BOTTOM BLOCK SIZE IN CU. YDS.	TEE, 45°, 22½°, 11¼°, PLUG	90°	TEE, 45°, 22½°, 11¼°, PLUG	90°
4"	3.10x3.10x3.10=1.10	1.30x1.30x1=0.06	1.7	2.3	0.10	0.10
6"	3.55x3.55x3.55=1.66	1.60x1.60x1=0.09	3.4	4.8	0.13	0.18
8"	3.90x3.90x3.90=2.20	1.85x1.85x1=0.13	5.8	8.2	0.22	0.30
10"	4.25x4.25x4.25=2.84	2.00x2.00x1=0.15	8.7	12.4	0.32	0.46
12"	4.50x4.50x4.50=3.38	2.25x2.25x1=0.19	12.4	17.5	0.46	0.65
14"	4.75x4.75x4.75=3.96	1.75x1.75x2=0.24	16.6	23.4	0.62	0.80
16"	4.90x4.90x4.90=4.36	1.90x1.90x2=0.27	21.4	30.3	0.79	1.12
18"	5.15x5.15x5.15=5.06	2.00x2.00x2=0.29	26.9	38.0	1.0	1.41
20"	5.30x5.30x5.30=5.51	2.10x2.10x2=0.32	33	46.7	1.2	1.73
24"	5.60x5.60x5.60=6.50	2.25x2.25x2=0.38	47.1	66.5	1.8	2.50

- NOTES :
1. ALL BLOCKS TO BE CLASS S1 CONCRETE (3500 PSI / 14 DAYS)
 2. MINIMUM BEARING AREA (SEE HORIZONTAL OR VERTICAL CHART)
 3. ASSUMES 2000 PSI BEARING FOOTING CONTRACTOR RESPONSIBLE FOR ACTUAL SOIL CONDITION AND THRUST BLOCK ADEQUACY
 4. ALL VERTICAL FITTINGS SHALL BE RODDED TOGETHER IF LENGTH IS 5 L.F. OR LESS, MIN. 2 EA. #4 (1/2") STAINLESS STEEL THREADED RODS.
 5. ALL BLOCKS (HORIZONTAL) SHALL BE A MINIMUM OF 12" THICK, PLACED BETWEEN SOLID GROUND AND THE FITTINGS, AND SHALL BE ANCHORED IN SUCH A MANNER THAT PIPE AND FITTING JOINTS WILL BE ACCESSIBLE FOR REPAIRS. PROVIDE 3 MIL POLYETHYLENE SHEETING TO BE SECURELY WRAPPED AROUND FITTING TO PREVENT CONTACT WITH THE CONCRETE.
 6. RETAINER GLANDS SHALL BE USED IN LIEU OF STANDARD GLANDS ON ALL FITTINGS IN CONJUNCTION WITH THRUST BLOCKING. NO EXTRA COMPENSATION WILL BE ALLOWED.
 7. TEST PRESSURE SHALL BE 150 PSI OR AS NOTED ON NOTE PLAN SHEET.

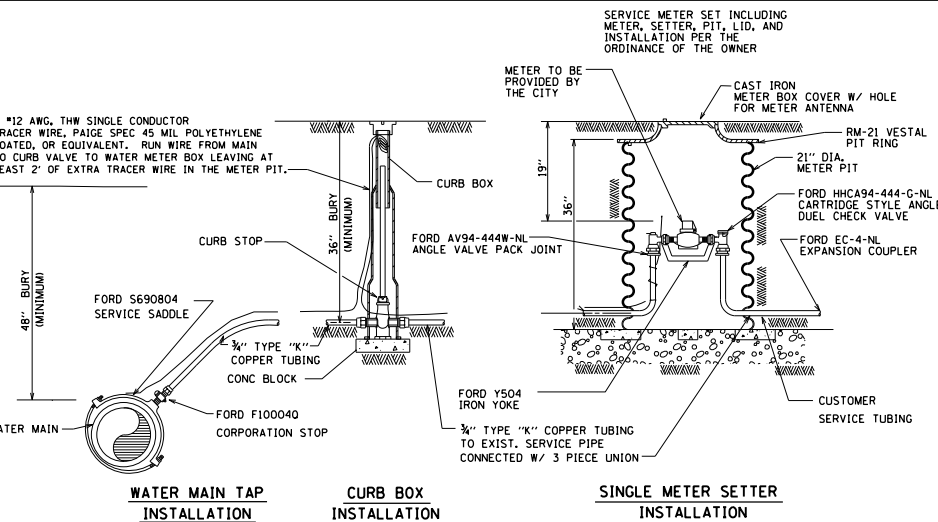


LINE STOP SEPARATION INSTALLATION

VERTICAL THRUST BLOCKING



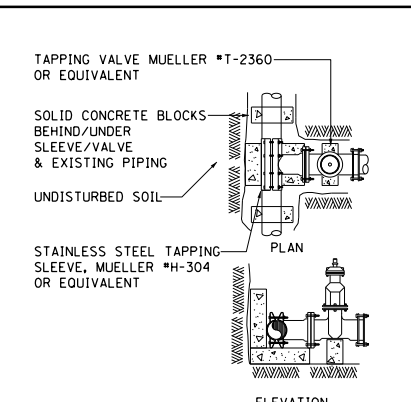
TYPICAL DETAIL OF UTILITY LINE INSTALLATION UNDER EXISTING PAVEMENT



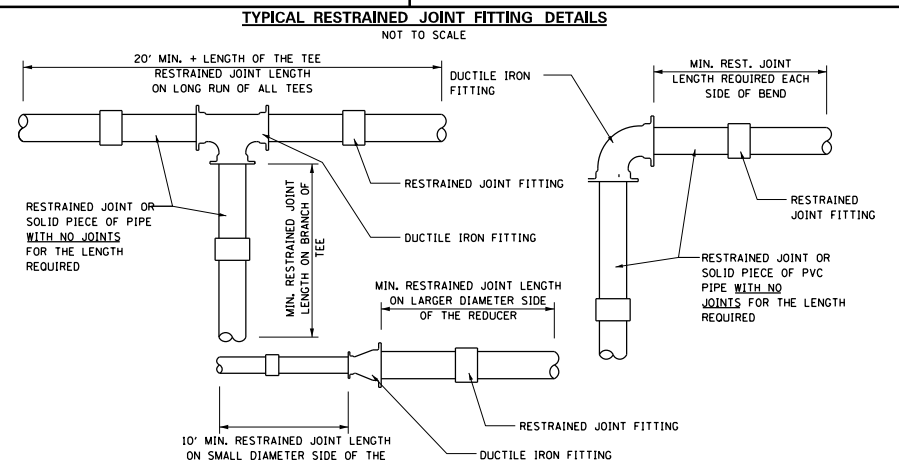
WATER MAIN TAP INSTALLATION

CURB BOX INSTALLATION

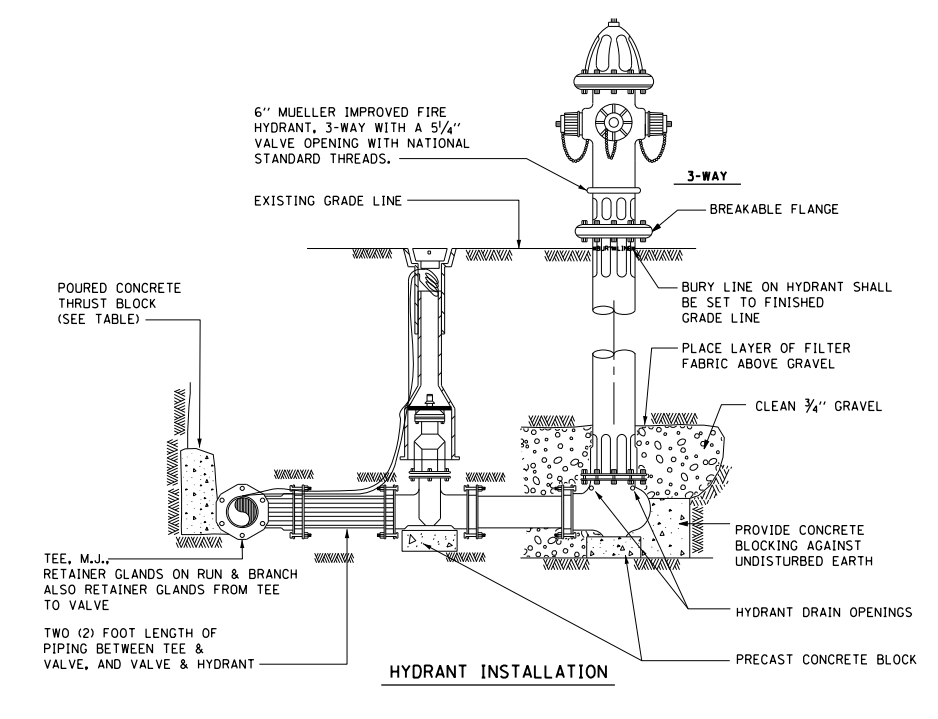
SINGLE METER SETTER INSTALLATION



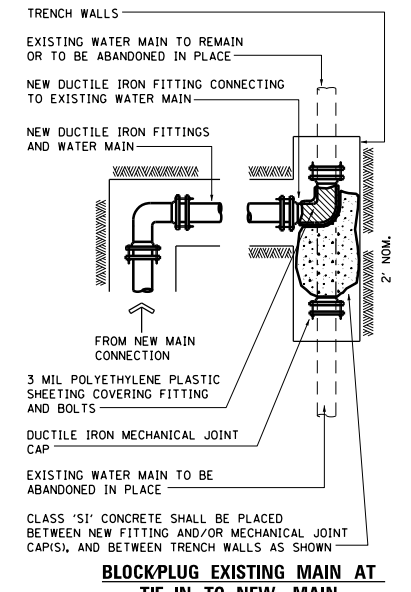
TAPPING SLEEVE & VALVE BLOCKING



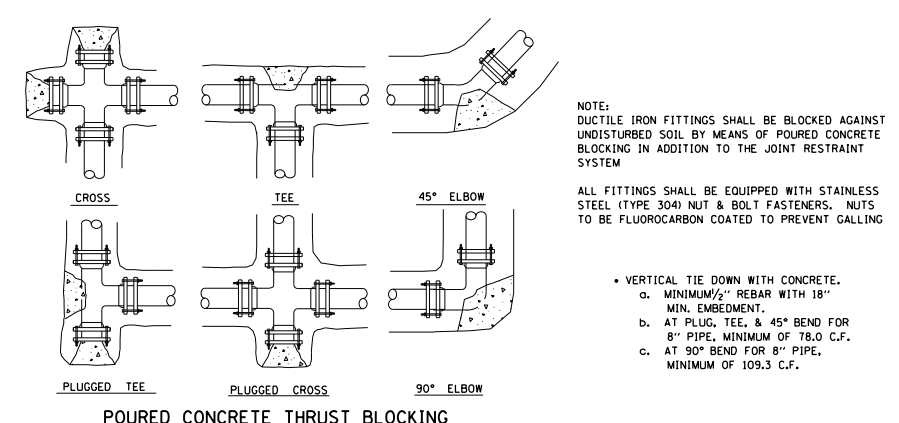
TYPICAL RESTRAINED JOINT FITTING DETAILS



HYDRANT INSTALLATION

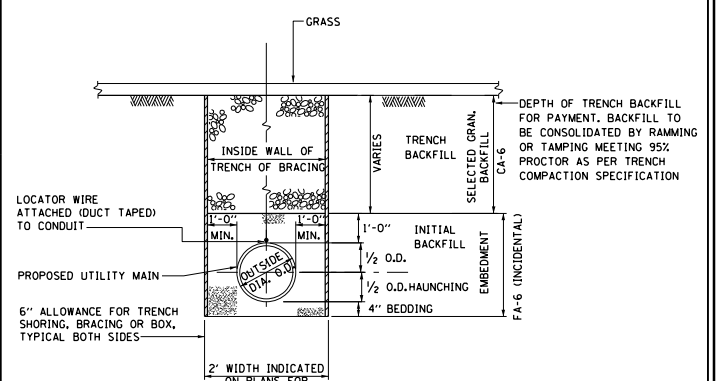


BLOCK/PLUG EXISTING MAIN AT TIE-IN TO NEW MAIN

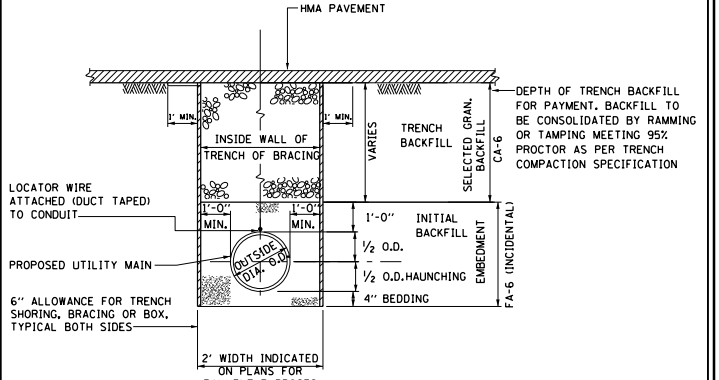


POURED CONCRETE THRUST BLOCKING

- NOTES:
- ALL BLOCKS TO BE CLASS S1 CONCRETE (3500 PSI / 14 DAYS)
 - MINIMUM BEARING AREA (SEE CHART)
 - ASSUMES 2000 PSI BEARING FOOTING
 - 4" W.M. SHALL HAVE A MIN. OF 0.10 C.Y. OF CONCRETE
 - 6" W.M. SHALL HAVE A MIN. OF 0.20 C.Y. OF CONCRETE
 - 8" W.M. SHALL HAVE A MIN. OF 0.30 C.Y. OF CONCRETE
 - 10" W.M. SHALL HAVE A MIN. OF 0.46 C.Y. OF CONCRETE
 - ALL VERTICAL FITTINGS SHALL BE RODDED TOGETHER MIN 1/2" RODS.
 - ALL BLOCKS SHALL BE A MINIMUM OF 12" THICK, PLACED BETWEEN SOLID GROUND AND THE FITTINGS, AND SHALL BE ANCHORED IN SUCH A MANNER THAT PIPE AND FITTING JOINTS WILL BE ACCESSIBLE FOR REPAIRS. PLASTIC SHEETING (3 MIL POLYETHYLENE) SHALL BE LAID BETWEEN CONCRETE AND FITTING.
 - RETAINER GLANDS SHALL BE USED IN CONJUNCTION WITH THRUST BLOCKING. (SEE SPECIFICATIONS FOR TABLE)
 - MINIMUM TEST PRESSURE = 150 PSI.



TYPICAL DETAIL OF UTILITY LINE INSTALLATION OUTSIDE PROPOSED HMA PAVEMENT



TYPICAL DETAIL OF UTILITY LINE INSTALLATION UNDER EXISTING/PROPOSED PAVEMENT

- NOTES:
- EMBEDMENT: THE COST OF MATERIAL & INSTALLATION FOR FA-6 SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE PROPOSED MAIN.
 - CONTRACTOR TO PROVIDE A TEMPORARY TRENCH SURFACE (CA-6) ON ALL ROADWAY & DRIVEWAY CROSSINGS DURING CONSTRUCTION, WHEN REQUIRED AND AS DIRECTED BY THE ENGINEER. ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS NECESSARY TO INSTALL & REMOVE THIS SURFACE SHALL BE CONSIDERED INCIDENTAL TO THE PROPOSED MAIN INSTALLATION.

MODEL: W.M. Details (Sheet) FILE NAME: P:\19E\3342\W.M. Details (Sheet) (CADD) Sheets\57-DE2828-sha\W.M. Details.dgn

BA BENTON & ASSOCIATES, INC.
CONSULTING ENGINEERS (LAND SURVEYORS)
1001 WEST LAURETTE AVE.
JACKSONVILLE, IL 62250
PHONE: 217-264-1180 FAX: 217-264-1189
IL DESIGN FIRM REGISTRATION NO. 184-000852

USER NAME = rshaw	DESIGNED - JAL	REVISED - .
	DRAWN - ARH	REVISED - .
	CHECKED - JAM	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WATER MAIN DETAILS
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	57
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: WESTCROSS NEW - 20+32.77 (Sheet) .dgn
 FILE NAME: P:\1193342\FAU 7878 (West Main Cross) Sec (20-00065-00-RS)\CADD Sheets\57-59-D87878-8pt-A\sevtions.dgn

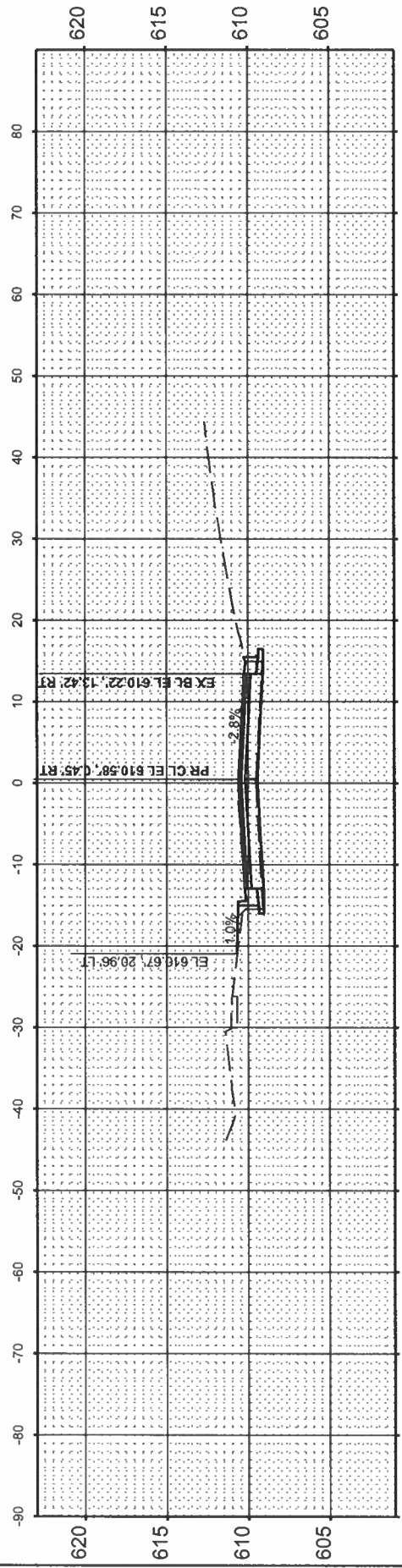


USER NAME	= rshaw
DESIGNED	- RDS
DRAWN	- RDS
CHECKED	- WJS
DATE	= 11/02/2025
REVISIONS	
REVISED	-
REVISED	-
REVISED	-
REVISED	-

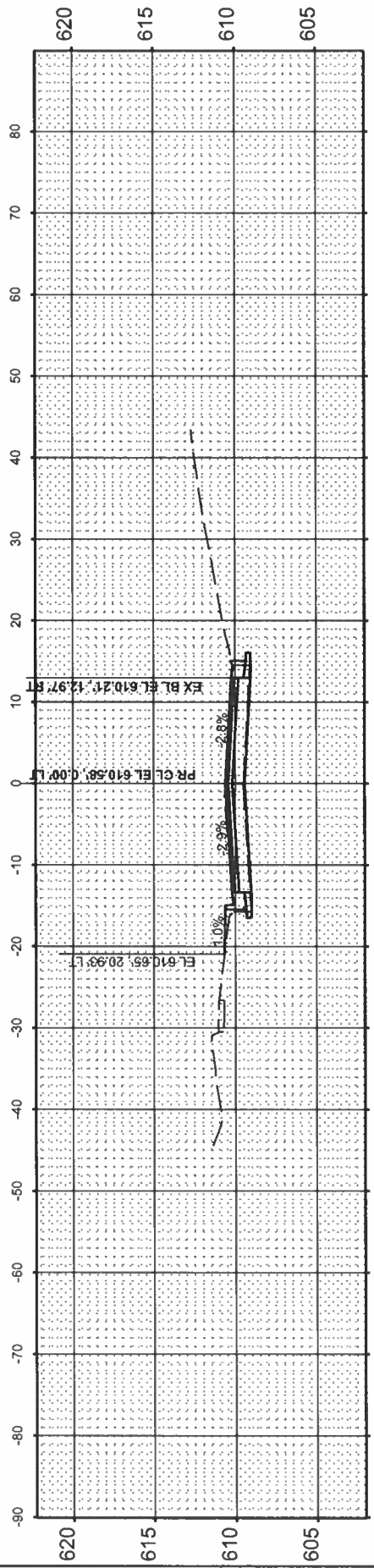
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WEST MAIN CROSS ROADWAY IMPROVEMENTS**

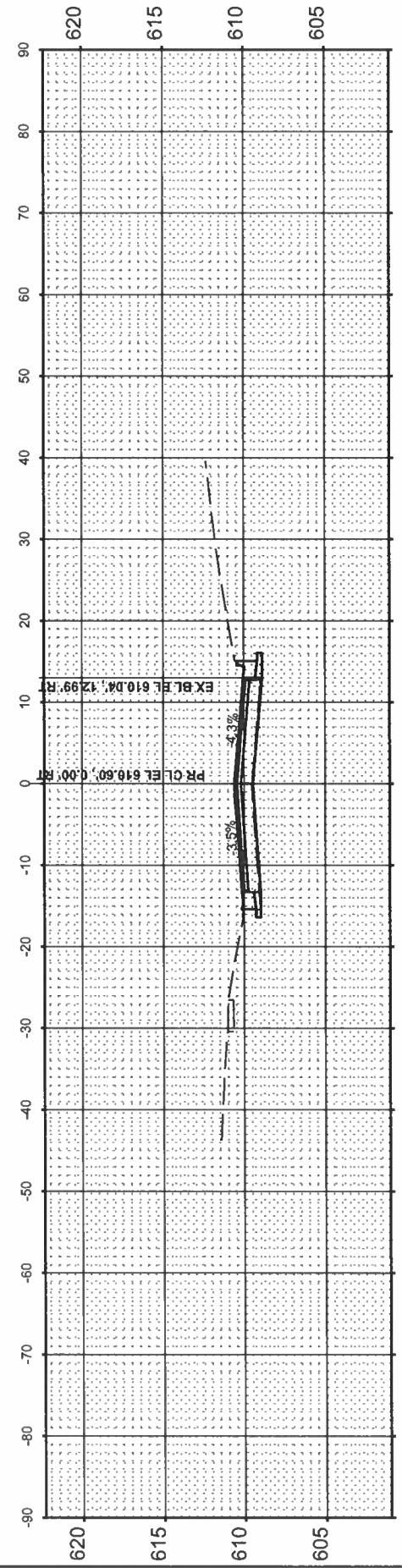
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	58
			CONTRACT NO. 93841	



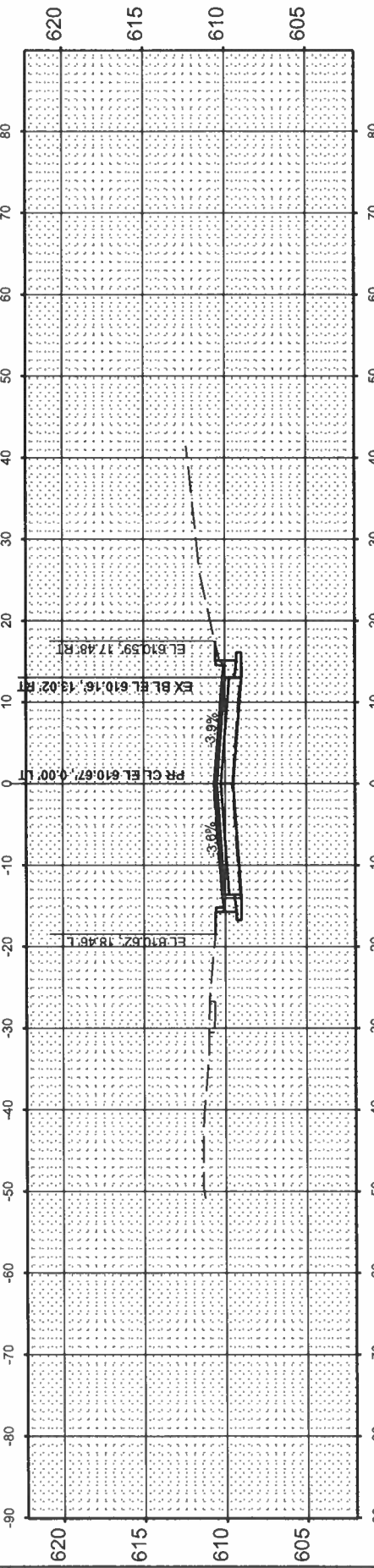
P.E. RIGHT - STA 21+10.47



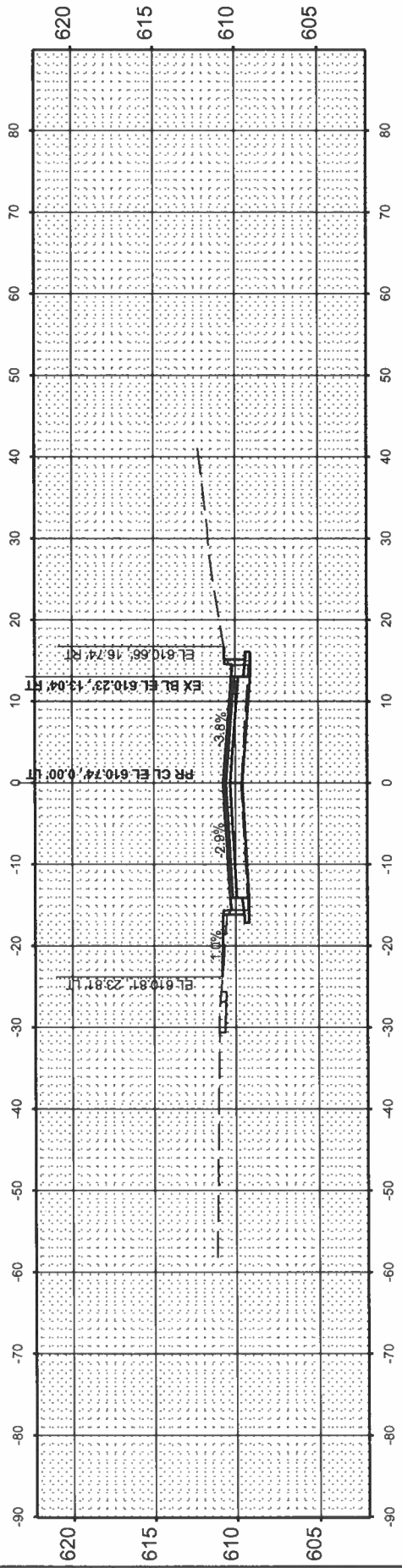
STA 21+00.00



P.E. LEFT - STA 20+80.34



STA 20+50.00



STA 20+32.77

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

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

MODEL: WESTCROSS NEW_21+39.60 [Sheet] No.
 FILE NAME: P:\18E332\FAU 7878 (West Main Cross) Sec (21-00065-00-RS)\CADD Sheets\57-59-D\5778-shl-X-sections.dgn

BA BENTON & ASSOCIATES, INC.
 CONSULTING ENGINEERS / LAND SURVEYORS
 1010 WEST LARKCREEK AVE
 JACKSONVILLE, IL 62652
 PHONE: 217-265-1148 FAX: 217-265-1149
 IL DESIGN FIRM REGISTRATION NO. 184-00862

USER NAME	= knichols
PLOT DATE	= 6/10/2025

DESIGNED	- RDS
DRAWN	- RDS
CHECKED	- WJS
DATE	- JUNE 2025

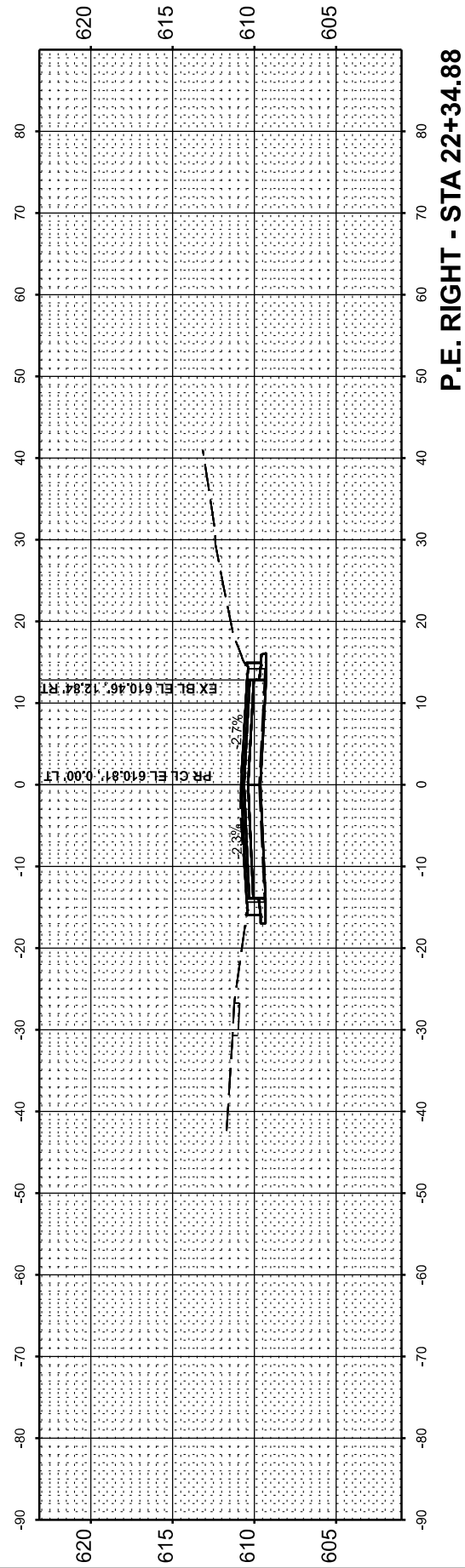
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

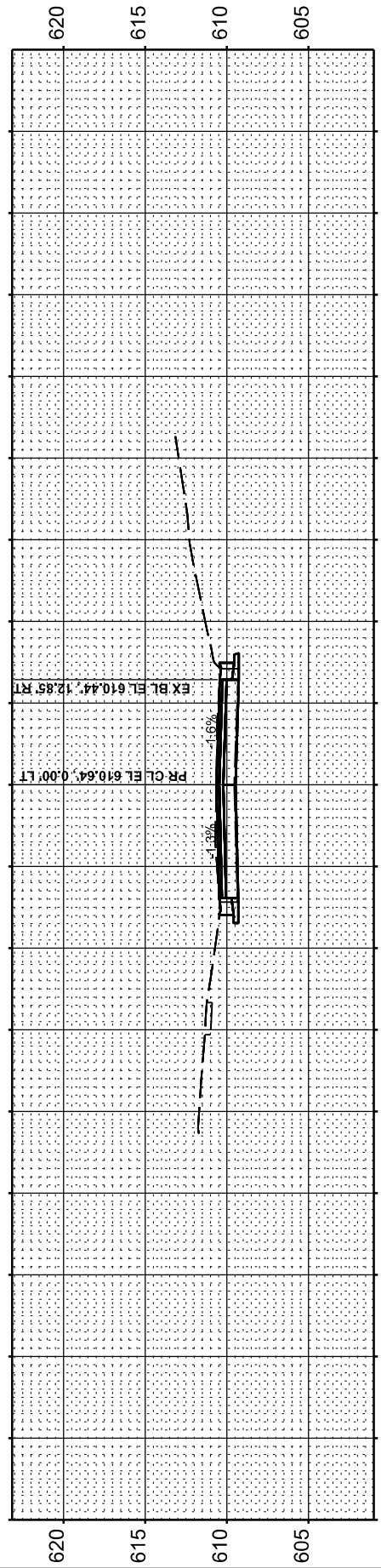
SCALE: 1"=10' SHEET 2 OF 20 SHEETS STA. 21+39.60 TO STA. 22+34.88

**CROSS SECTIONS
 WEST MAIN CROSS ROADWAY IMPROVEMENTS**

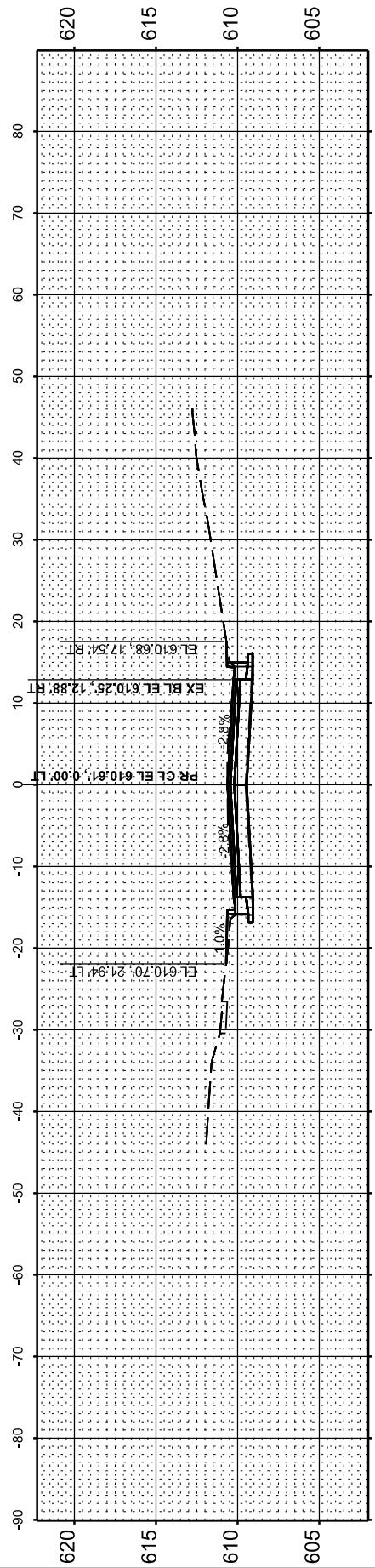
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	59
CONTRACT NO. 93841			ILLINOIS FED. AID PROJECT	



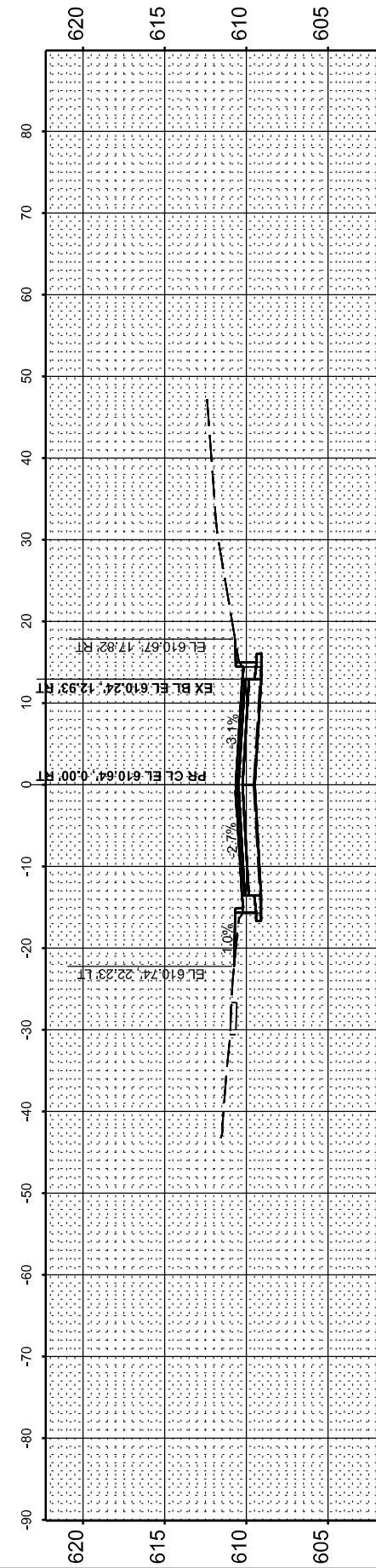
P.E. RIGHT - STA 22+34.88



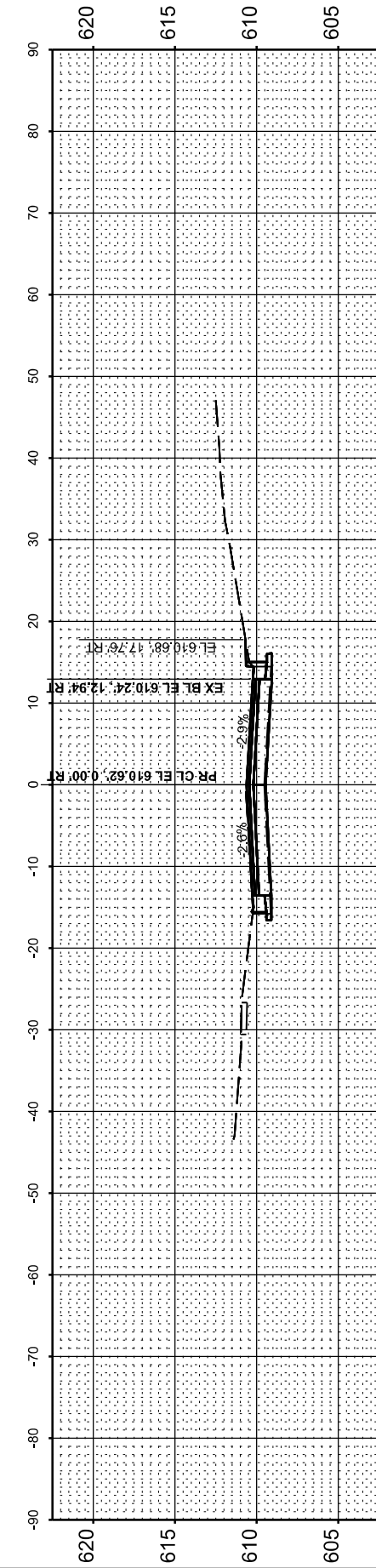
P.E. LEFT - STA 22+27.50



STA 22+00.00



STA 21+50.00

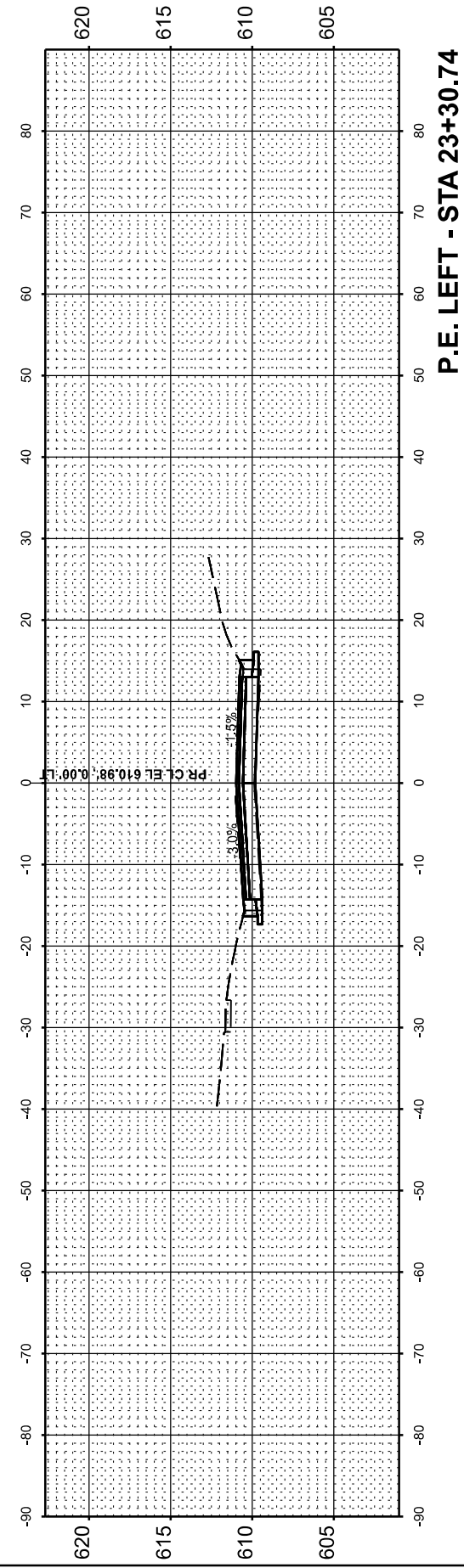


P.E. LEFT - STA 21+39.60

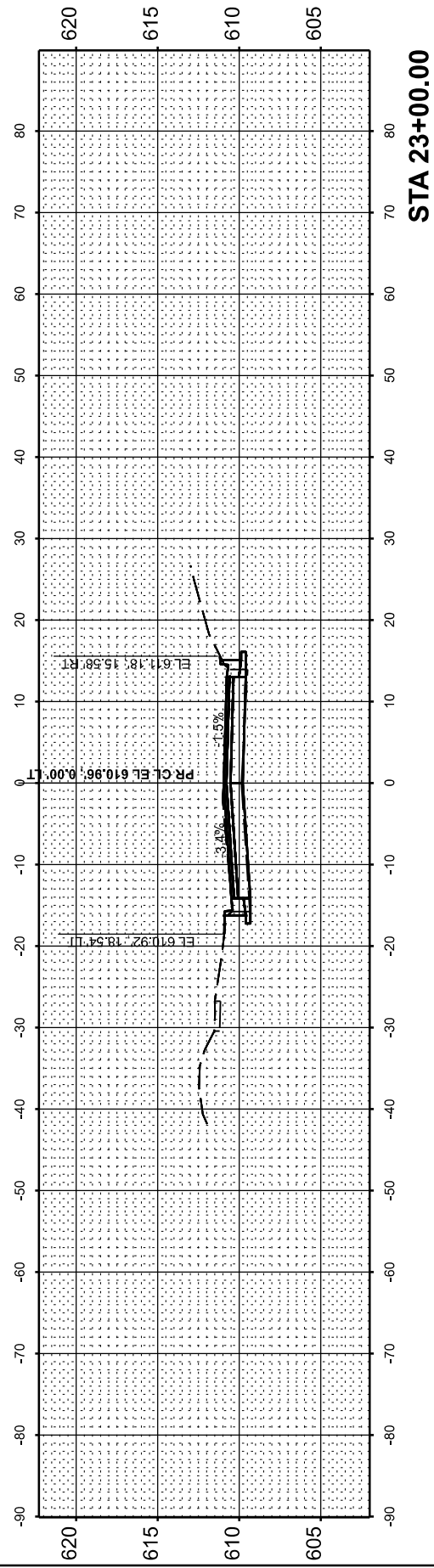
FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

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

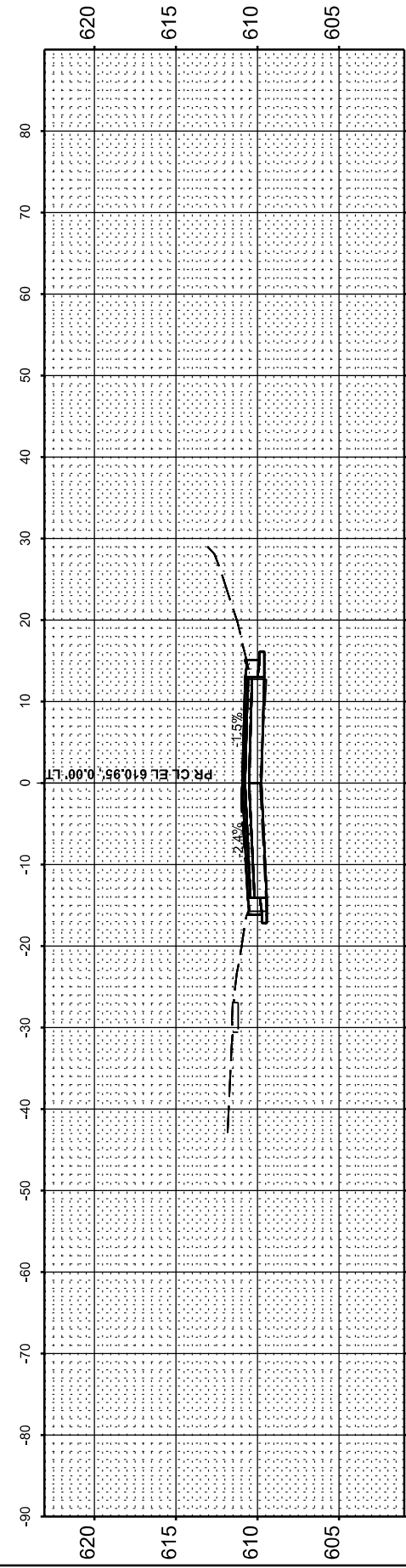
MODEL: WESTCROSS NEW_22+50.00 [Sheet] No. 1
 FILE NAME: P:\18E332\FAU 7878 (West Main Cross) Sec (2)-00065-00-RS\CADD Sheets\57-59-D\5778-shl-X-sections.dgn



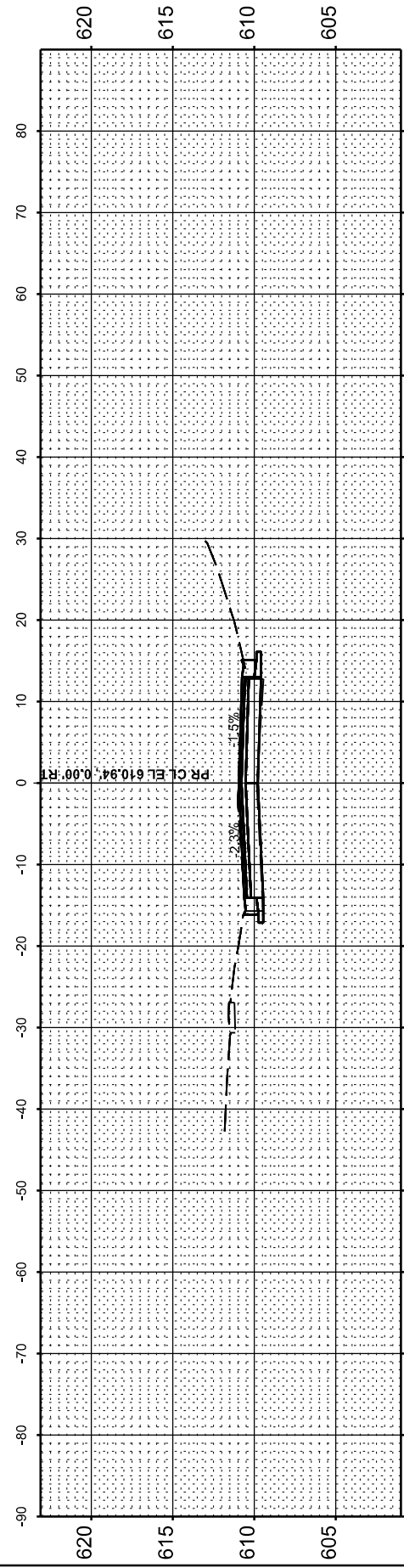
P.E. LEFT - STA 23+30.74



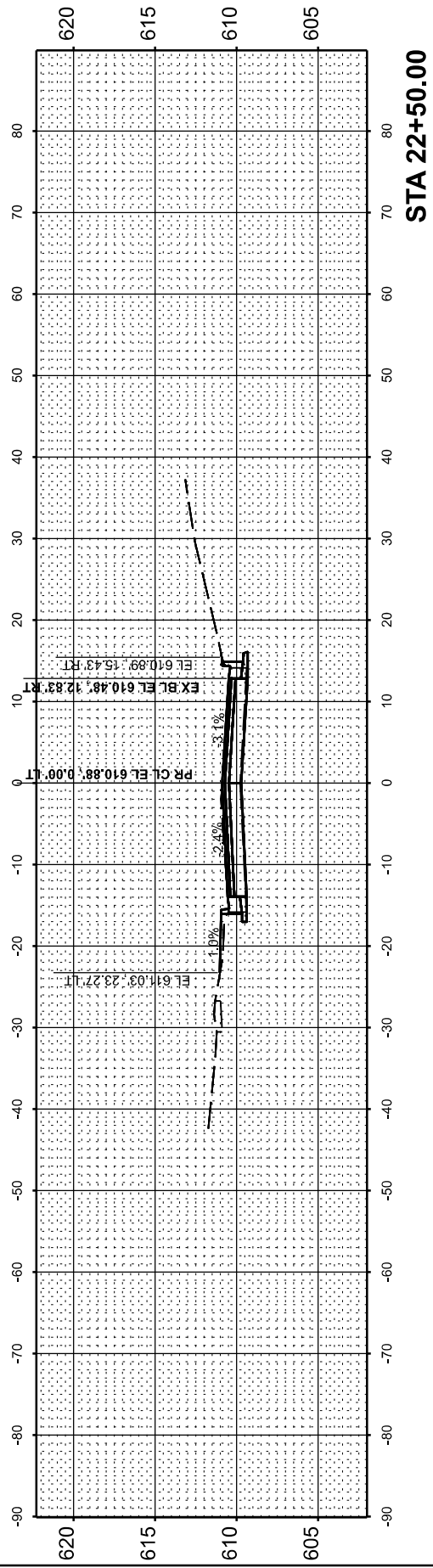
STA 23+00.00



P.E. RIGHT - STA 22+83.67



P.E. LEFT - STA 22+80.19



STA 22+50.00



USER NAME = knichols	DESIGNED - RDS	REVISED -
	DRAWN - RDS	REVISED -
	CHECKED - WJS	REVISED -
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

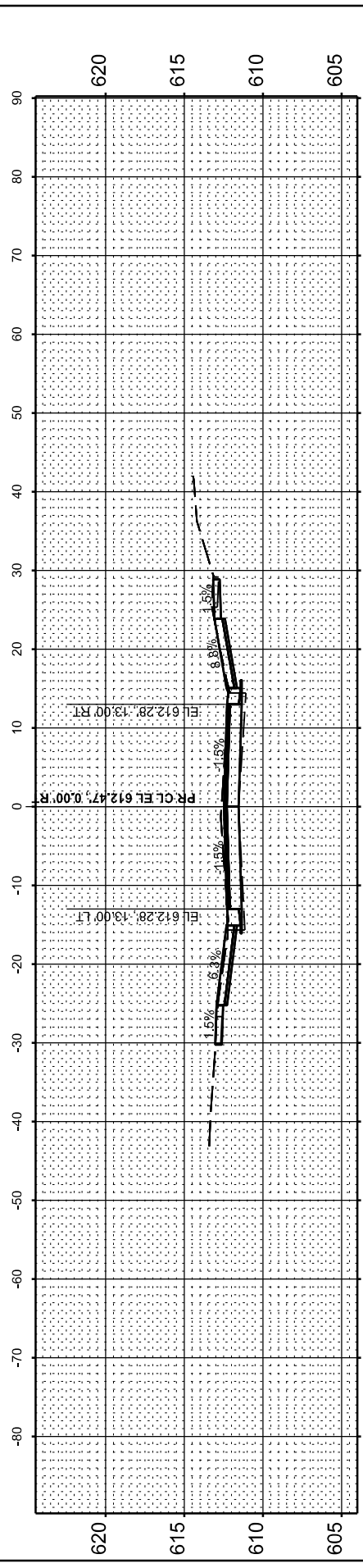
CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 3	OF 20 SHEETS	STA. 22+50.00 TO STA. 23+30.74

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	60
CONTRACT NO. 93841				
ILLINOIS				FED. AID PROJECT

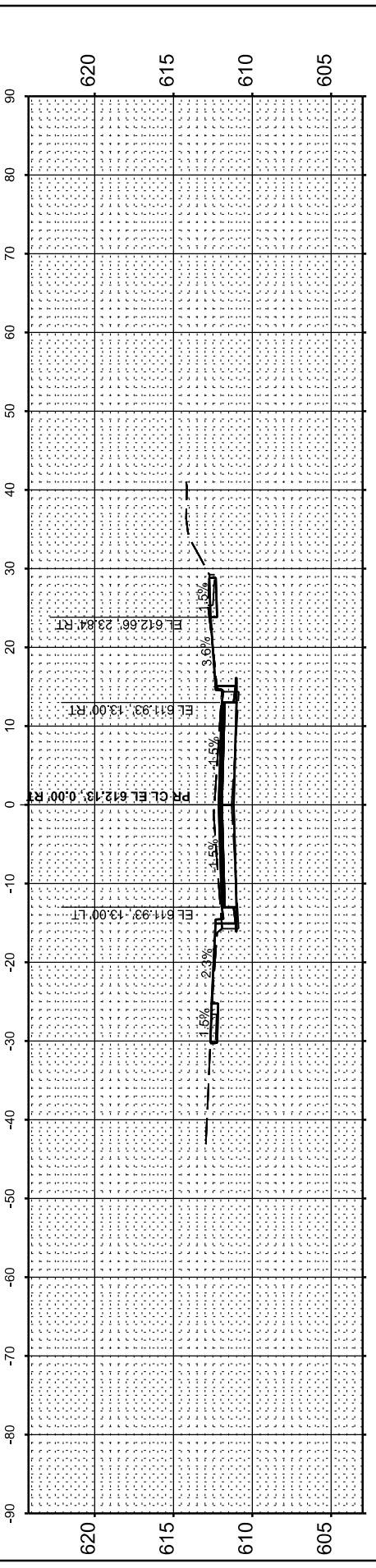
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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

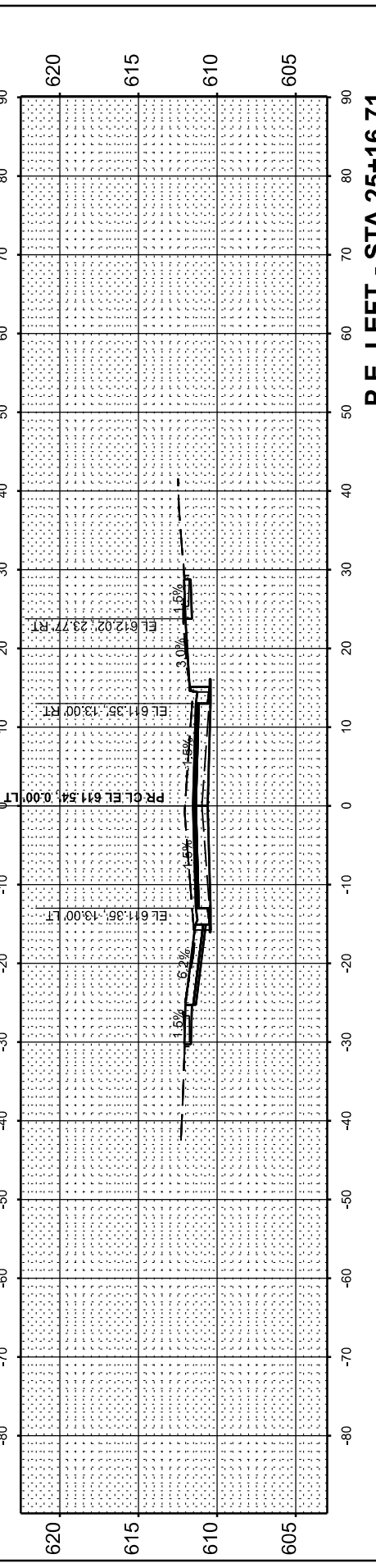
MODEL: P:\CL WESTCROSS_24+50.00 (Sheet) No. 1
 FILE NAME: P:\B332\PAU 7878 (West Main Cross) Sec (20-00065-00-RS) (CADD Sheets)60-76-D07578-shl-xsextions.dgn



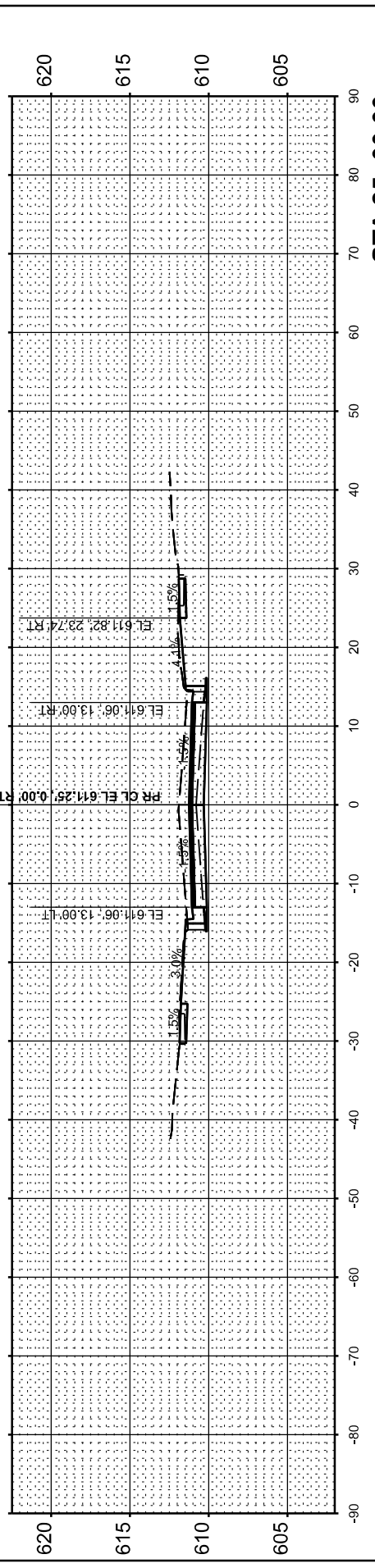
P.E. RIGHT - STA 25+69.94



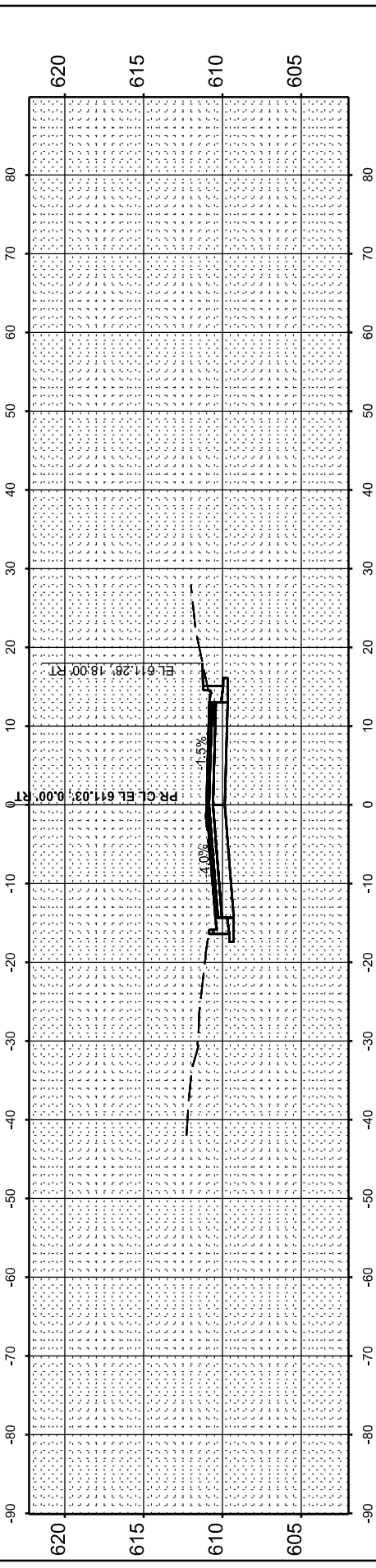
STA 25+50.00



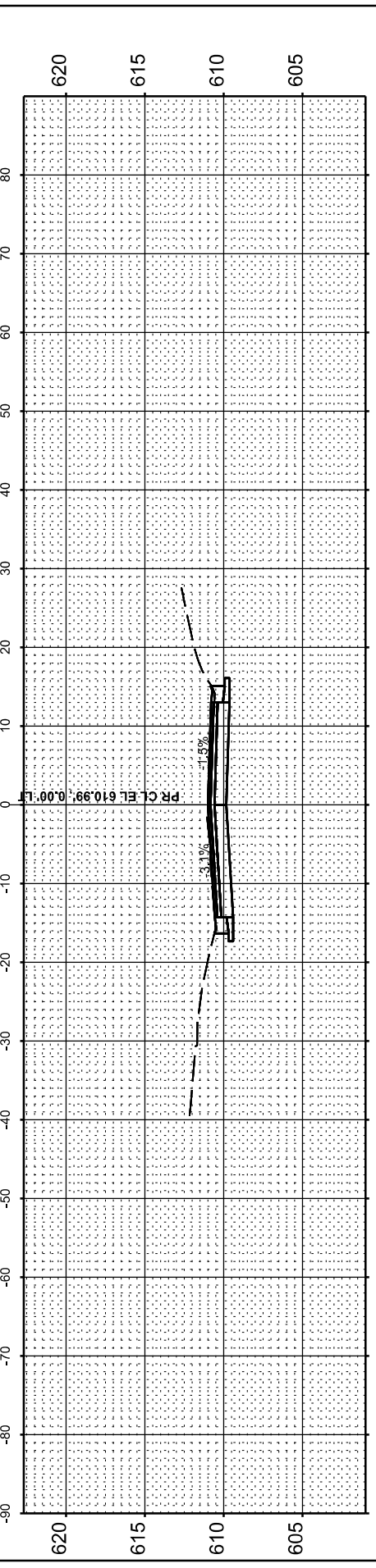
P.E. LEFT - STA 25+16.71



STA 25+00.00



STA 23+50.00



P.E. RIGHT - STA 23+33.50

USER NAME =	rshaw	DESIGNED -	RDS	REVISED -	.
		DRAWN -	RDS	REVISED -	.
		CHECKED -	WJS	REVISED -	.
PLOT DATE =	6/10/2025	DATE -	JUNE 2025	REVISED -	.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

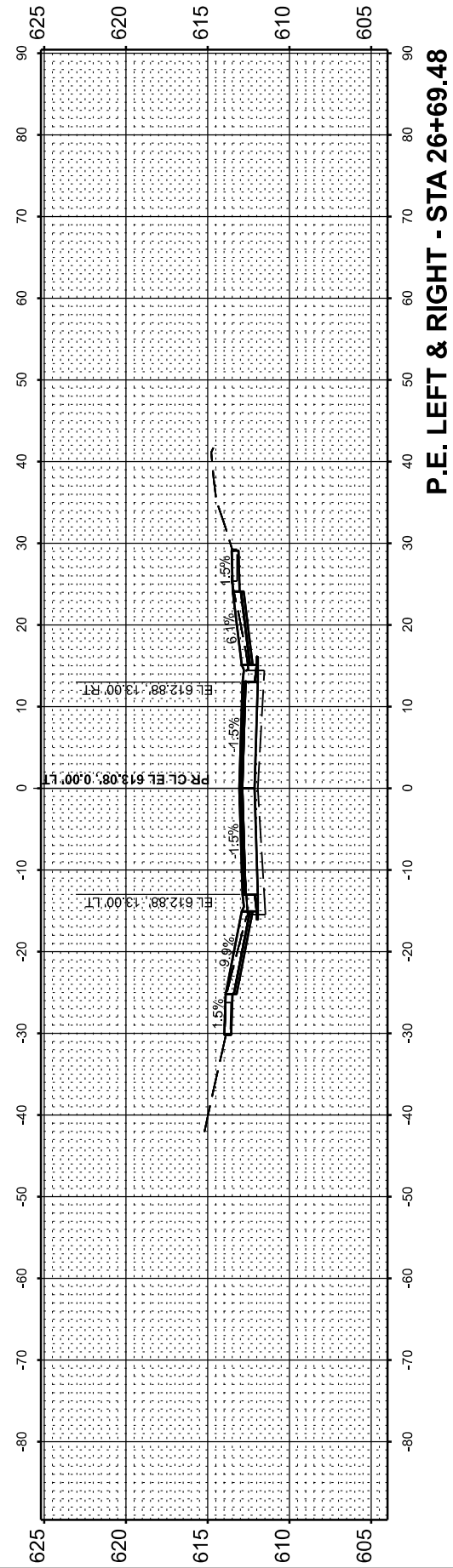
CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 4	OF 20 SHEETS	STA. 23+33.50 TO STA. 25+69.94

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	61
				CONTRACT NO. 93841
				ILLINOIS FED. AID PROJECT

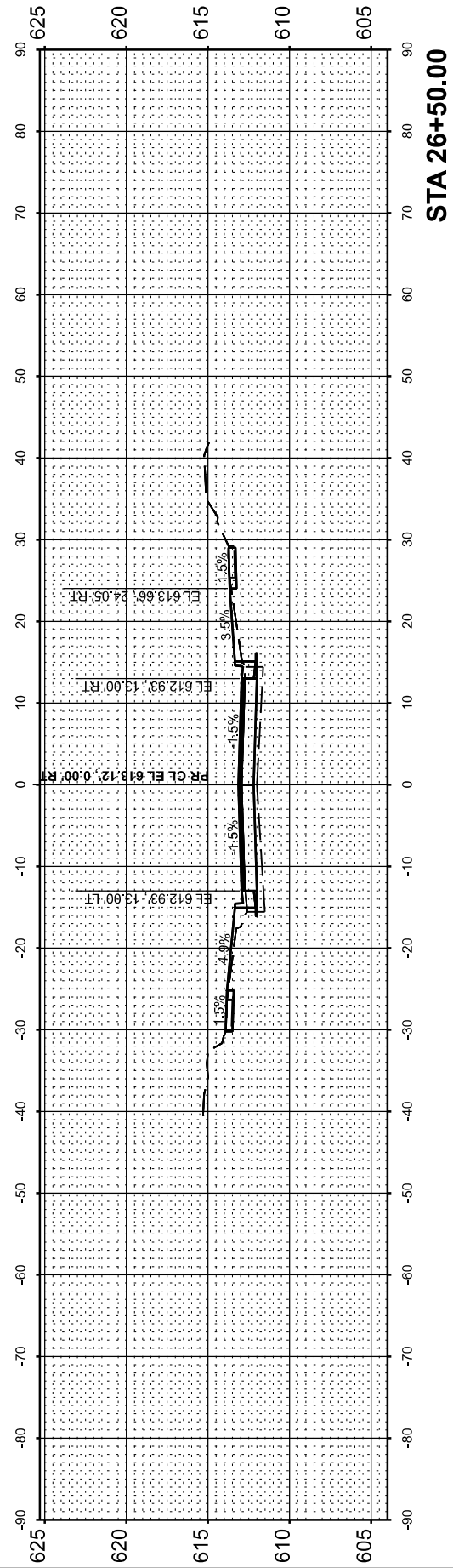
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		

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

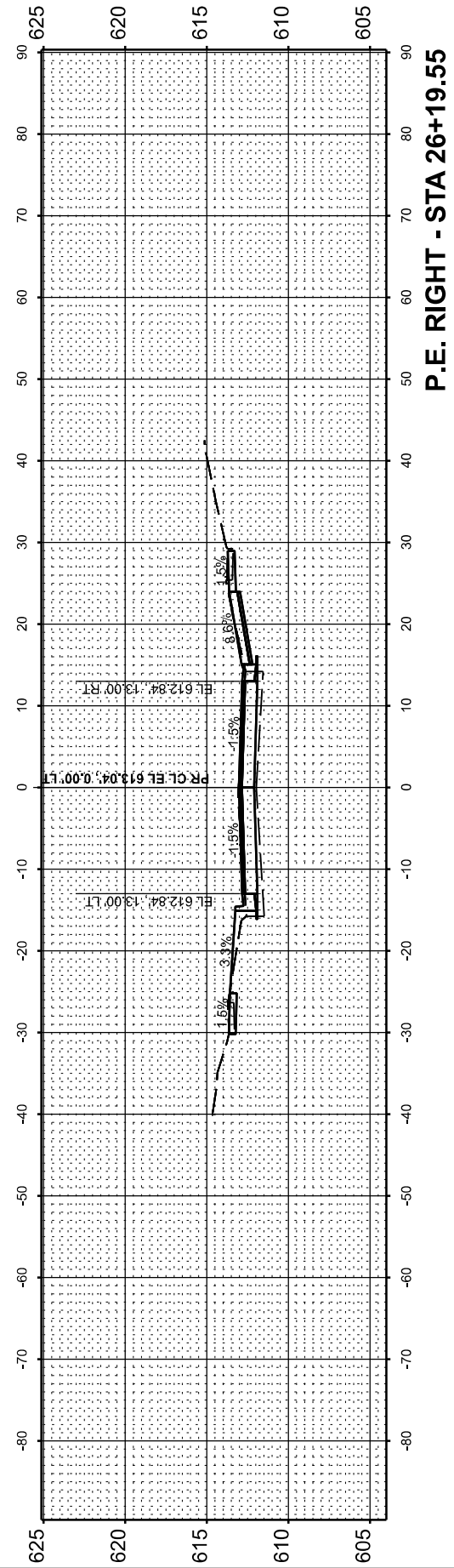
MODEL: P:\CL\WESTCROSS_25+72.92 (Sheet) No. 62
 FILE NAME: P:\BE3321FAU 7878 (West Main Cross) Sec (2) 20-0065-00-RS (CADD Sheets) 60+76-D07778-shl-Xsect1015.dgn



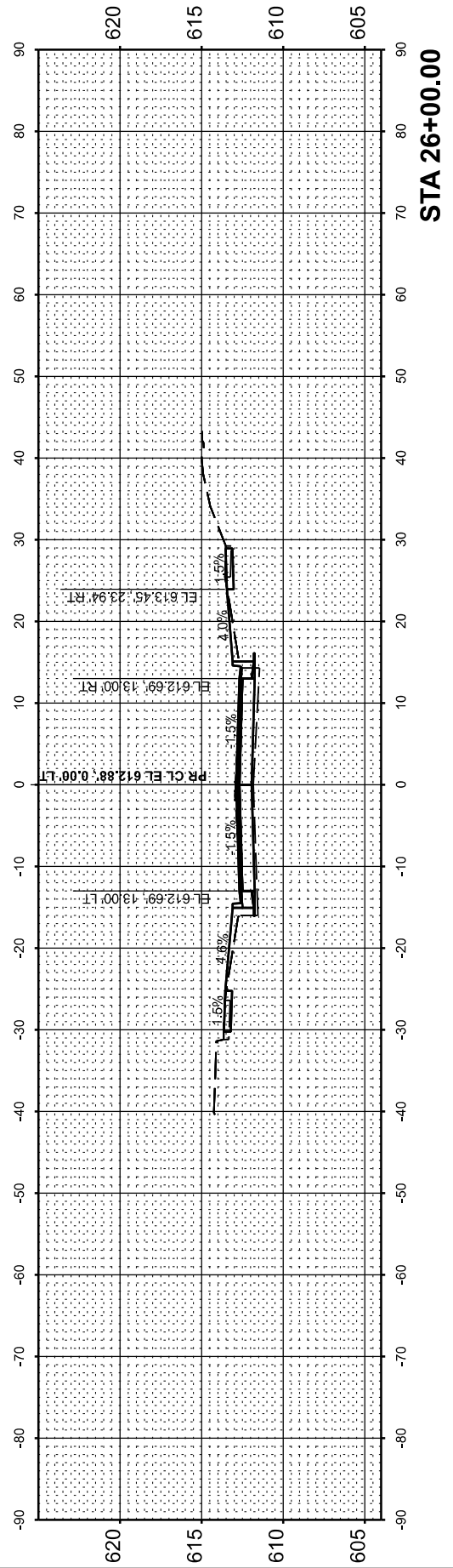
P.E. LEFT & RIGHT - STA 26+69.48



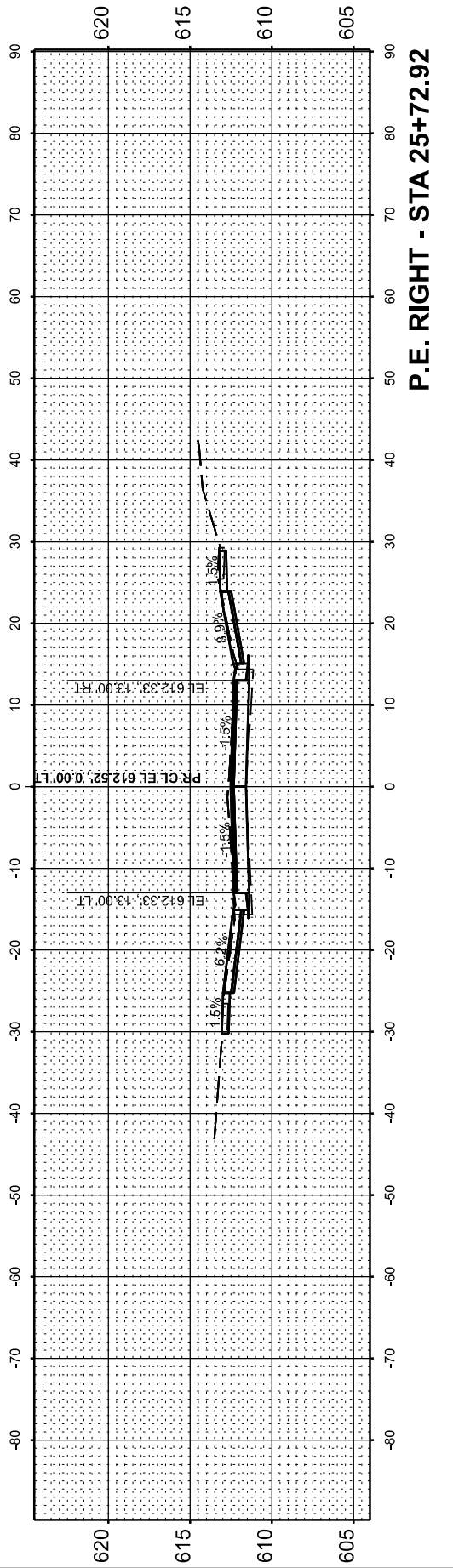
STA 26+50.00



P.E. RIGHT - STA 26+19.55



STA 26+00.00



P.E. RIGHT - STA 25+72.92

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

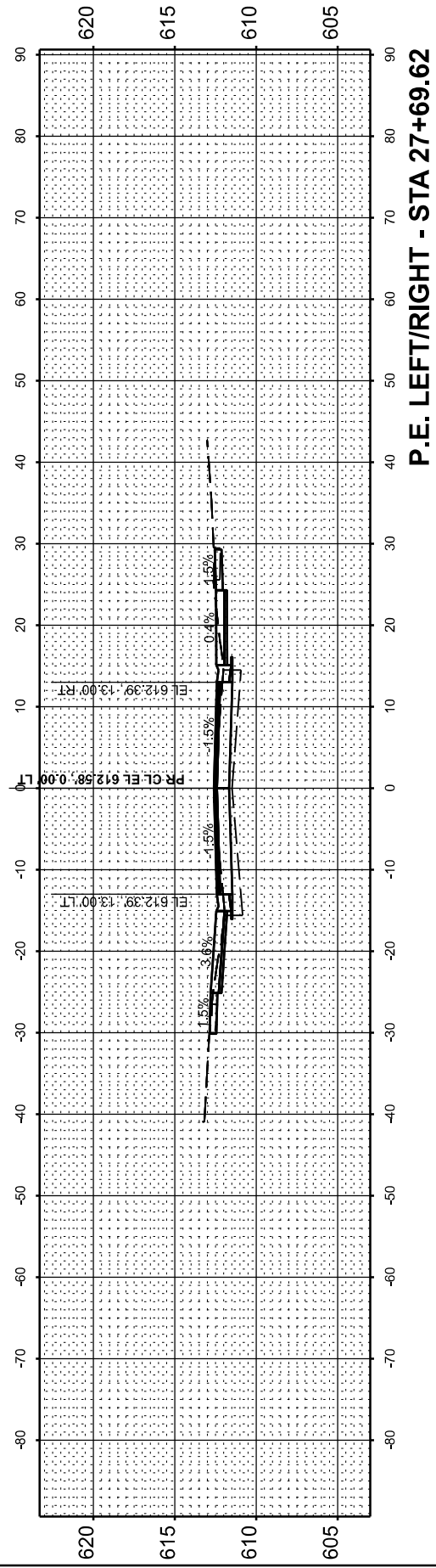
CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 5	OF 20 SHEETS	STA. 25+72.92 TO STA. 26+69.48

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-0065-00-RS	CHRISTIAN	77	62
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

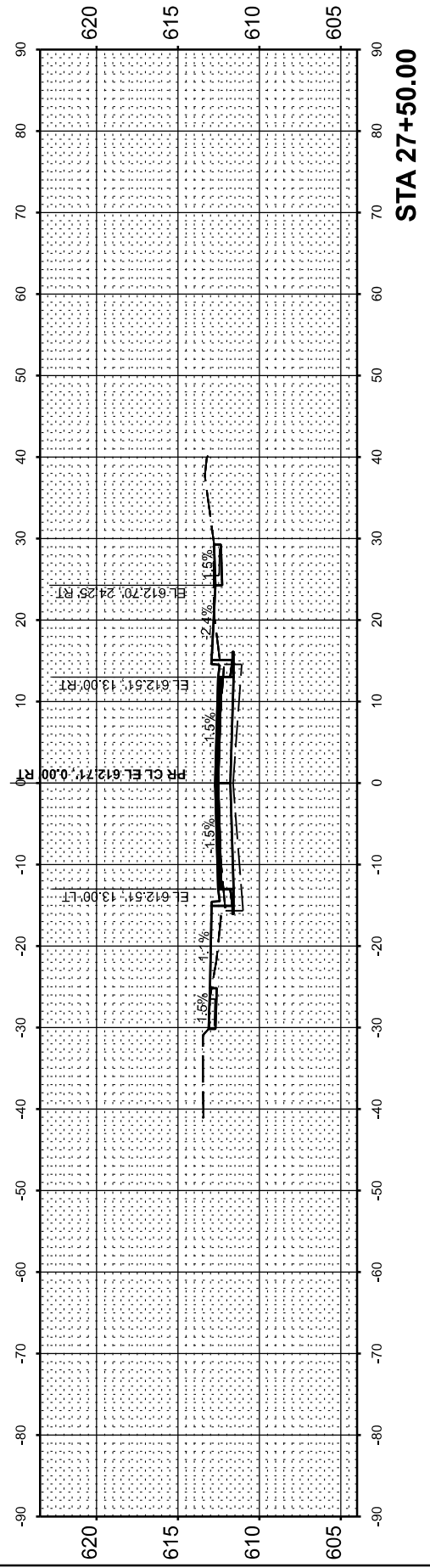
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

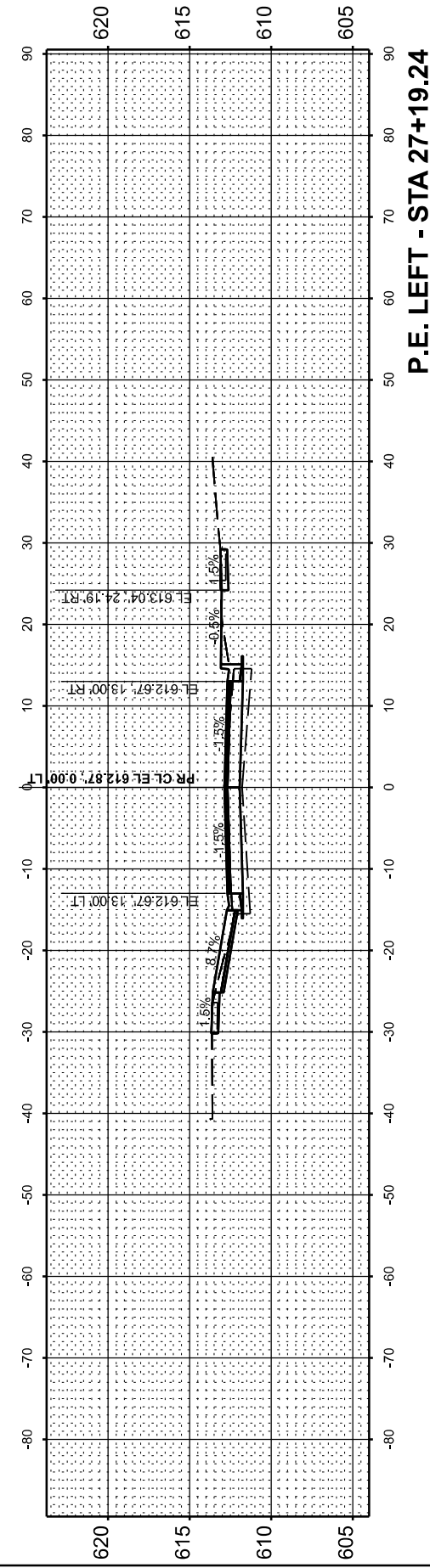
MODEL: P:\C1\WESTCROSS_26+75.34 (Sheet) No. 63
 FILE NAME: P:\18E321FAU 1878 (West Main Cross) Sec (2)-00065-00-RS\CADD Sheets\60+76-D07578-shl-Xsect\1878.dgn



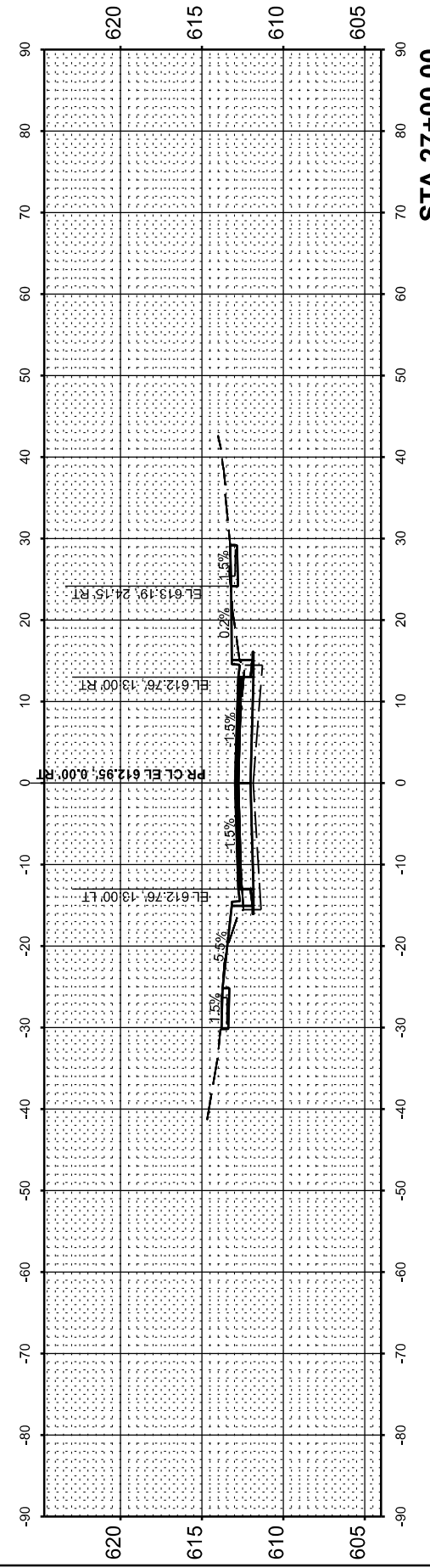
P.E. LEFT/RIGHT - STA 27+69.62



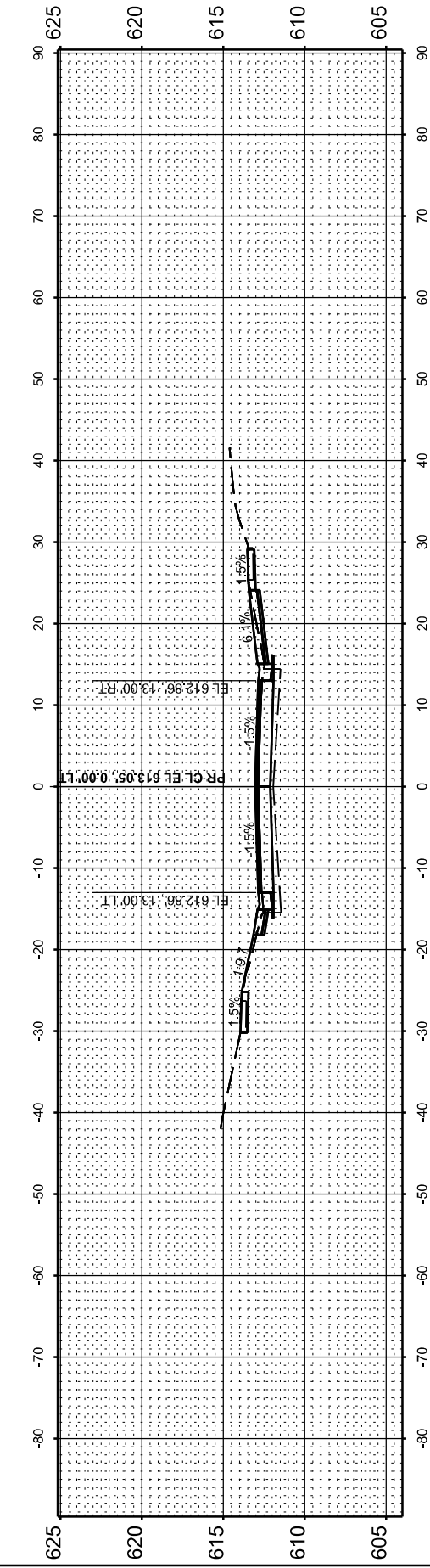
STA 27+50.00



P.E. LEFT - STA 27+19.24



STA 27+00.00



P.E. RIGHT - STA 26+75.34

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 WEST MAIN CROSS ROADWAY IMPROVEMENTS

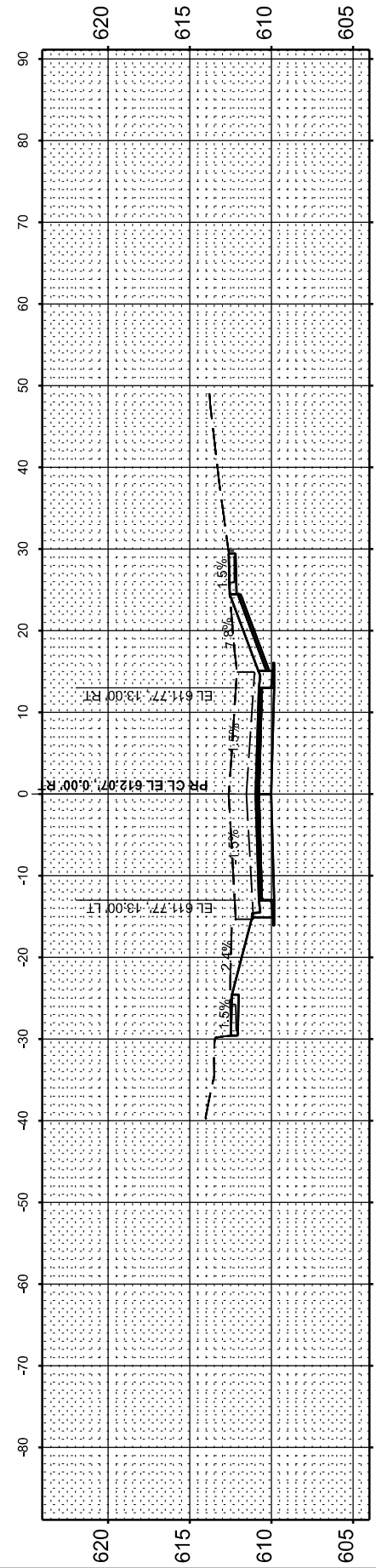
SCALE: 1"=10' SHEET 6 OF 20 SHEETS STA. 26+75.34 TO STA. 27+69.62

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	63
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

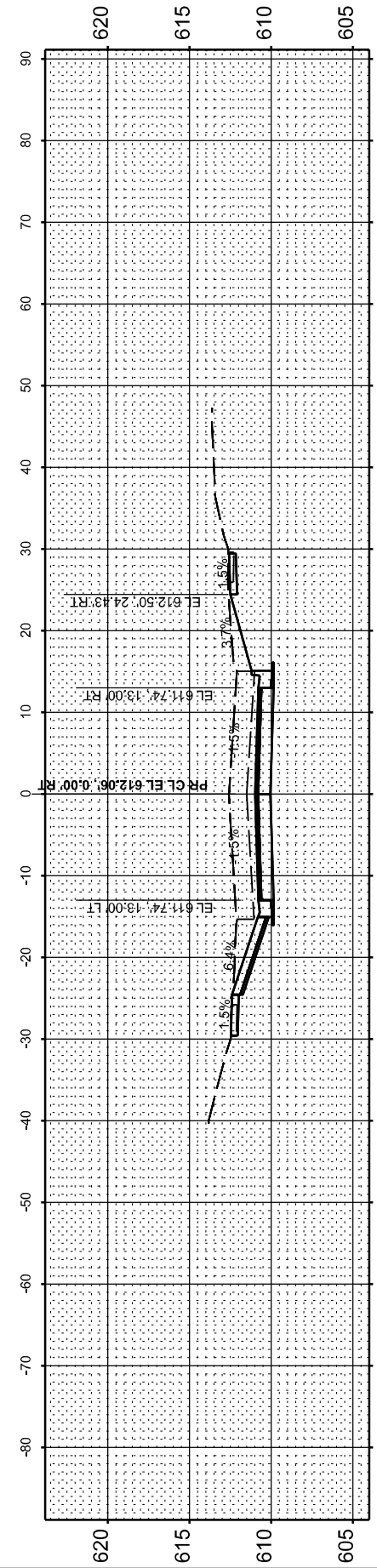
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
AREAS CHECKED	AREAS CHECKED		

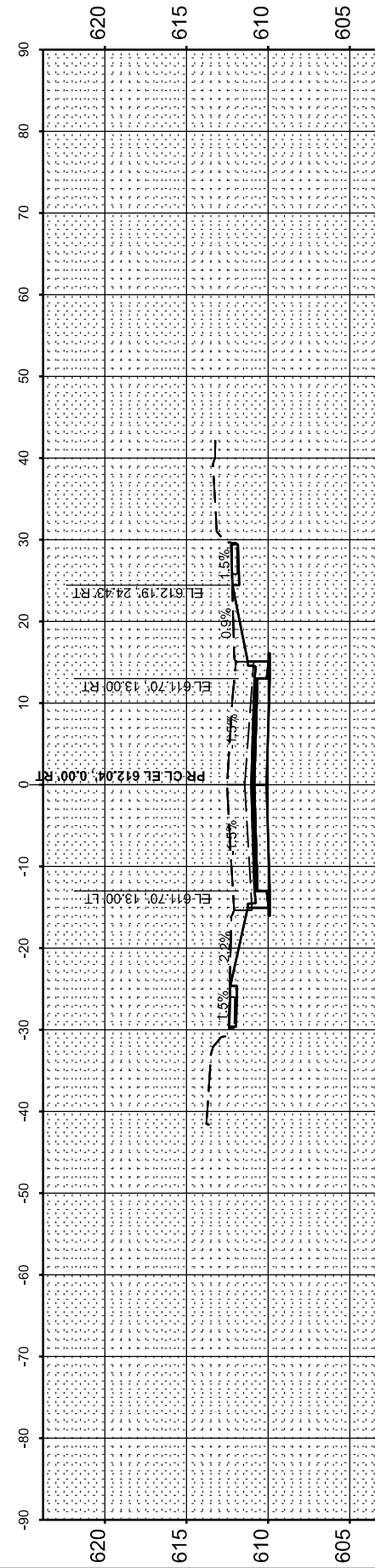
MODEL: P:\C1\WESTCROSS_29+61.37 (Sheet) No. 7878
 FILE NAME: P:\BES321FAU 7878 (West Main Cross) Sec (2)-00065-00-RS\CADD Sheets\60-76-D07878-shl-X-sections.dgn



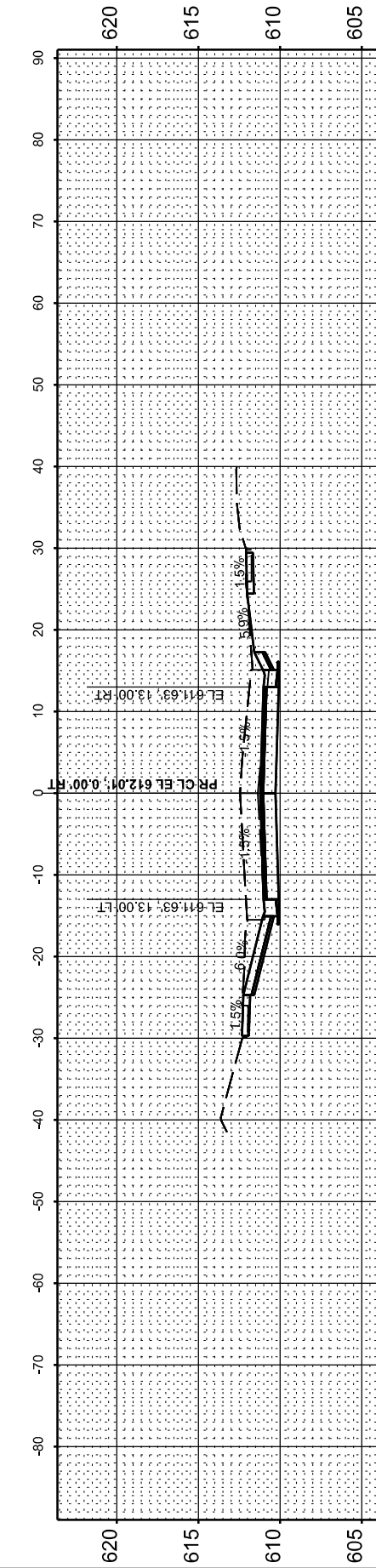
P.E. RIGHT - STA 30+30.29



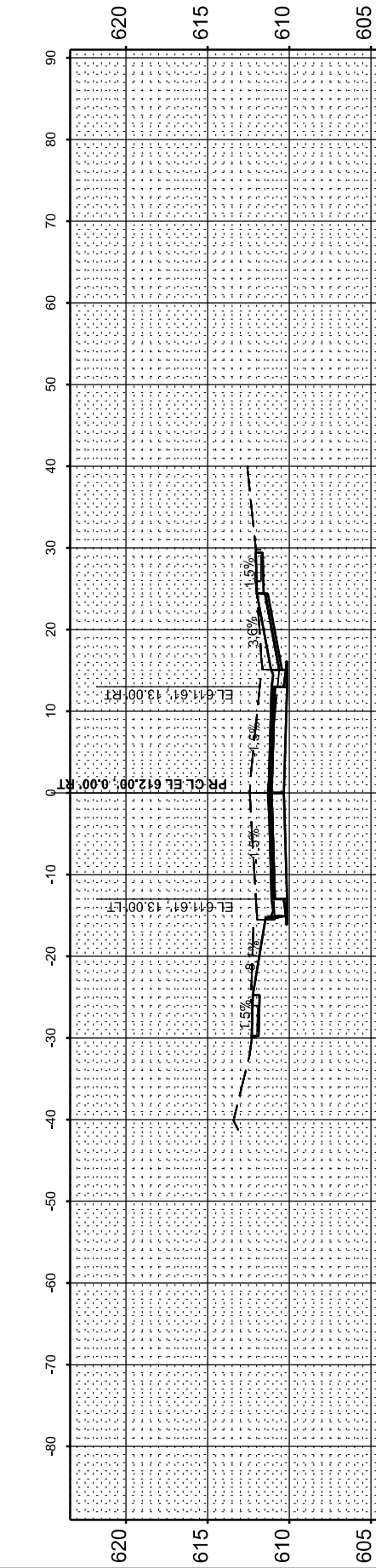
P.E. LEFT - STA 30+17.88



STA 30+00.00



P.E. LEFT - STA 29+70.17



P.E. RIGHT - STA 29+61.37

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

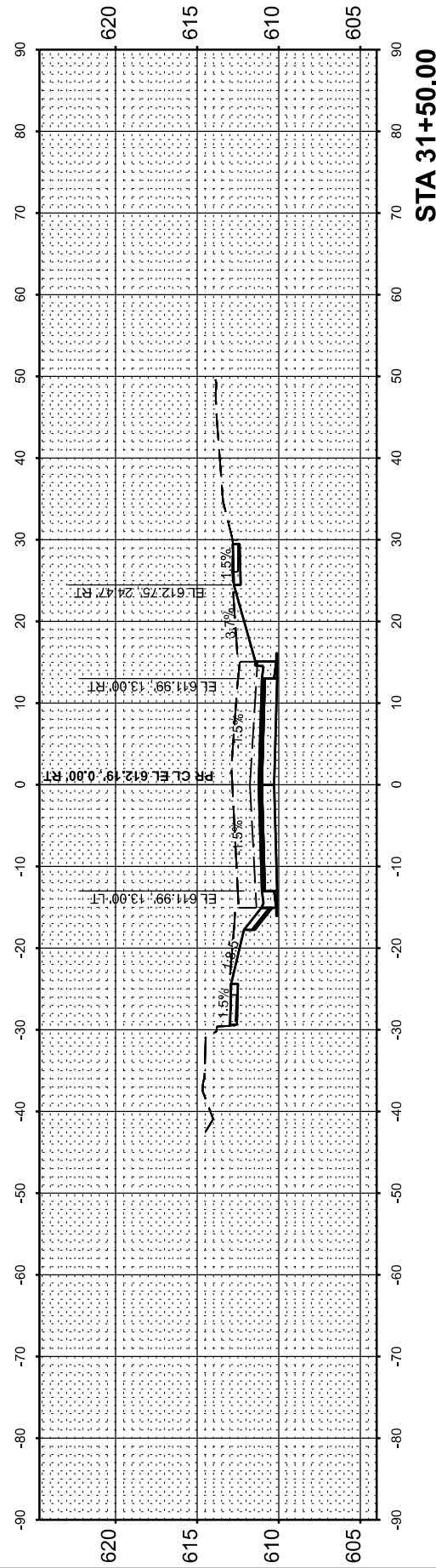
CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 8	OF 20 SHEETS	STA. 29+61.37 TO STA. 30+30.29

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	65
				CONTRACT NO. 93841
				ILLINOIS FED. AID PROJECT

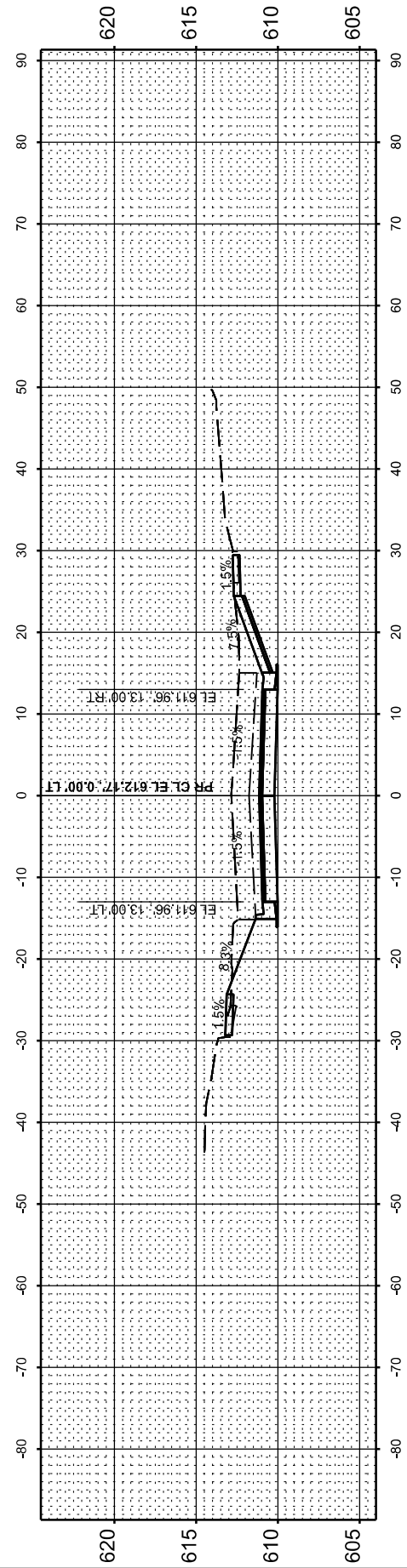
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

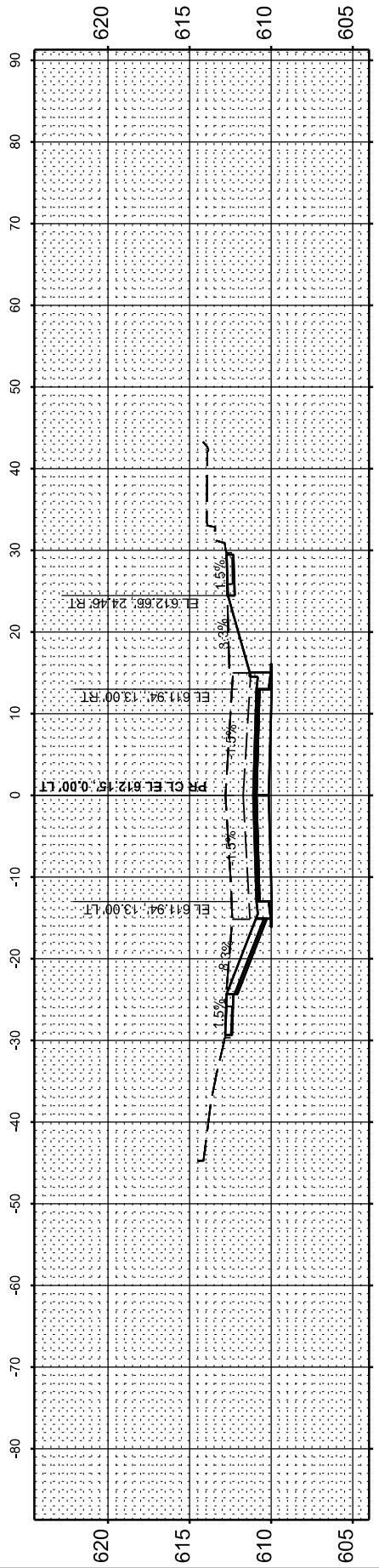
MODEL: P:\CL\WESTCROSS_30+50.00 (Sheet) No. 66
 FILE NAME: P:\BES32FAU 7878 (West Main Cross) Sec (2) 00065-00-RS\CADD Sheets\60+76-D\7878-shl-Xsect\93841.rvt



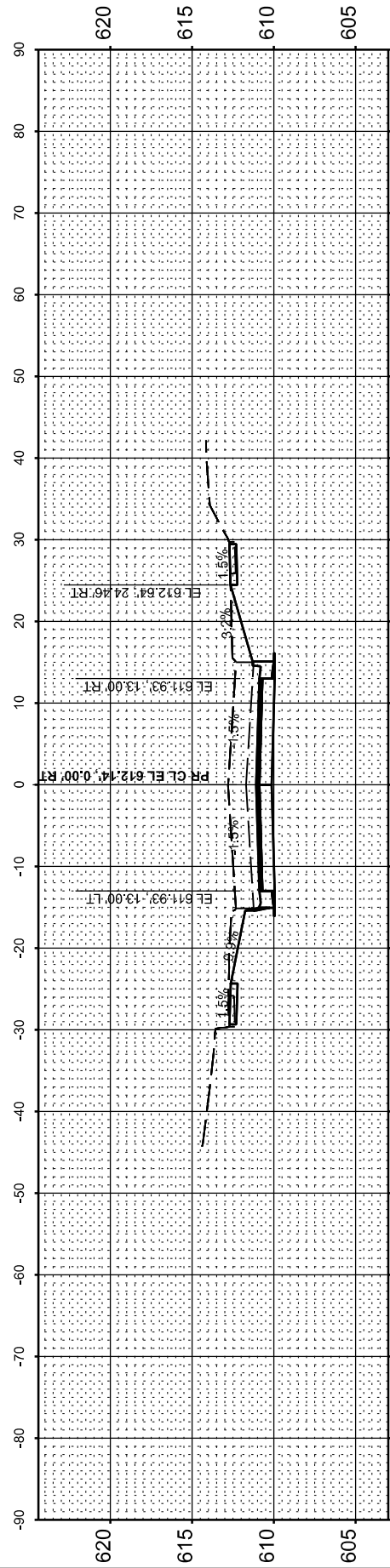
STA 31+50.00



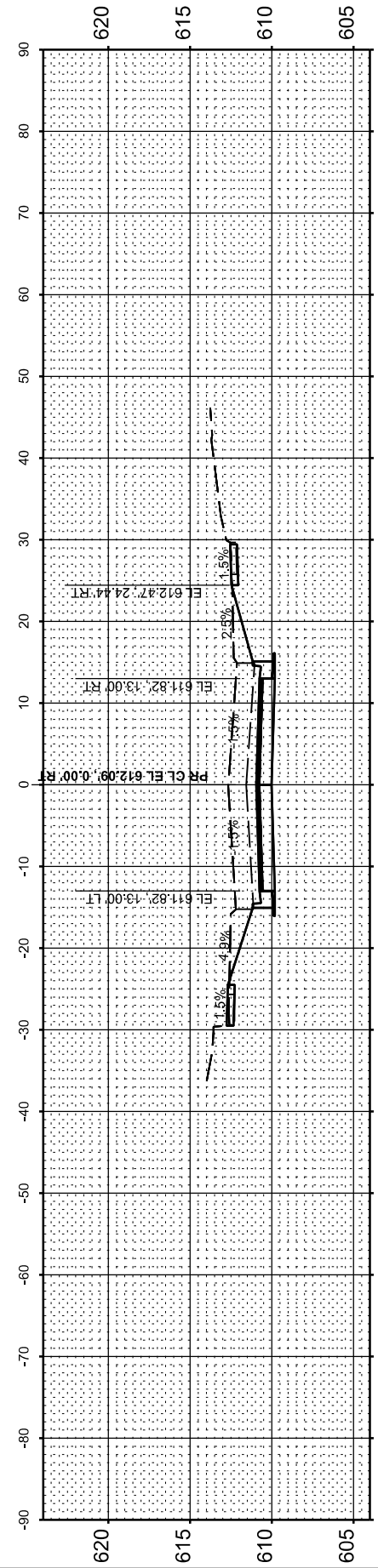
P.E. RIGHT - STA 31+25.77



P.E. LEFT - STA 31+08.68



STA 31+00.00



STA 30+50.00

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 WEST MAIN CROSS ROADWAY IMPROVEMENTS

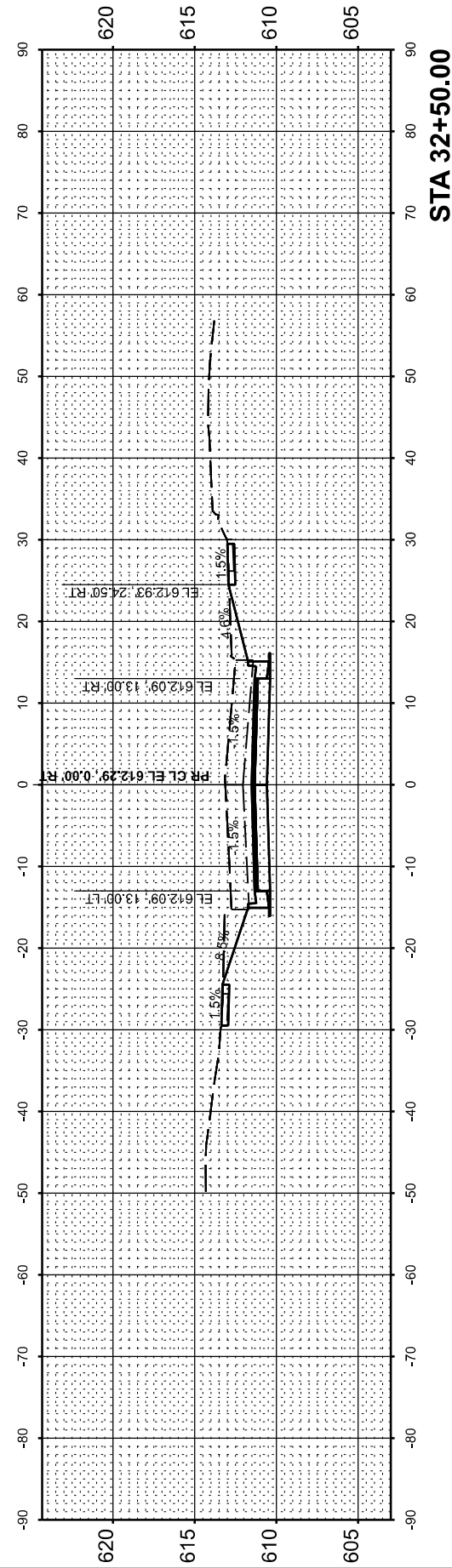
SCALE: 1"=10' SHEET 9 OF 20 SHEETS STA. 30+50.00 TO STA. 31+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	66
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

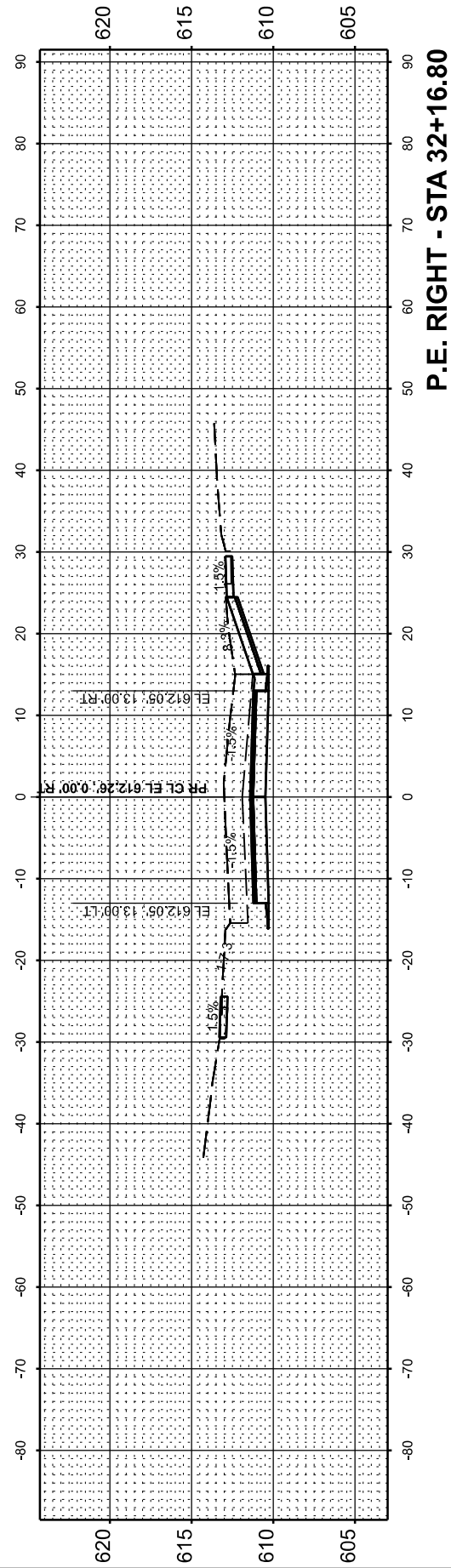
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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

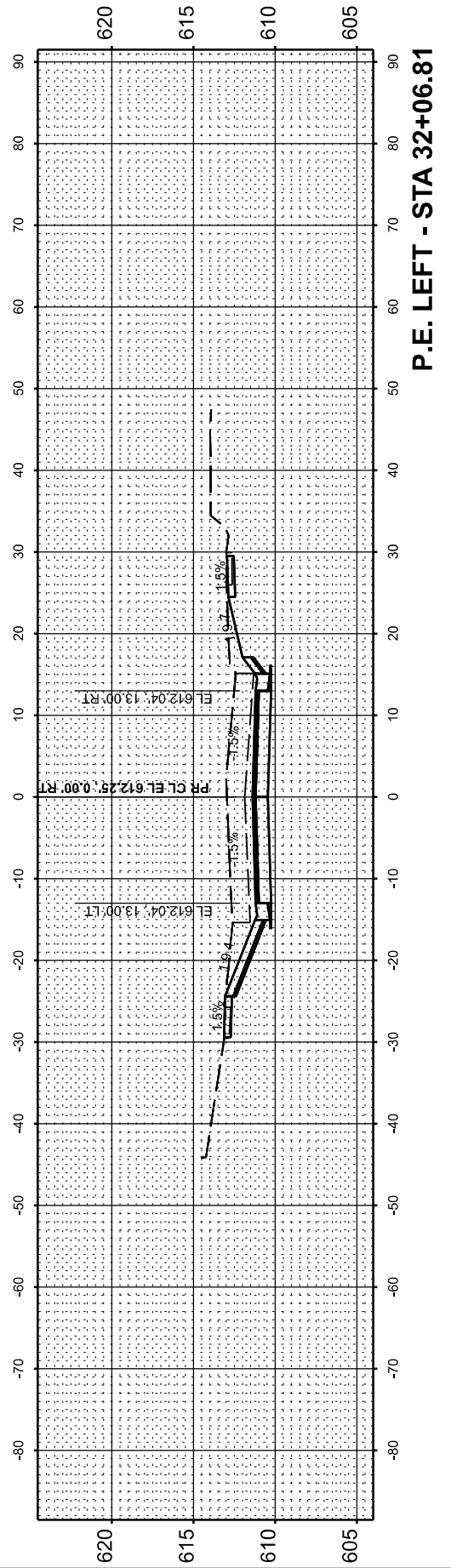
MODEL: P:\CL WESTCROSS_31+57.33 (Sheet) No. 67
 FILE NAME: P:\315733\FAU 7878 (West Main Cross) Sec (2) 20-00065-00-RS (CADD Sheets) 60-76-D07578-sh1-xsect10.rvt.dgn



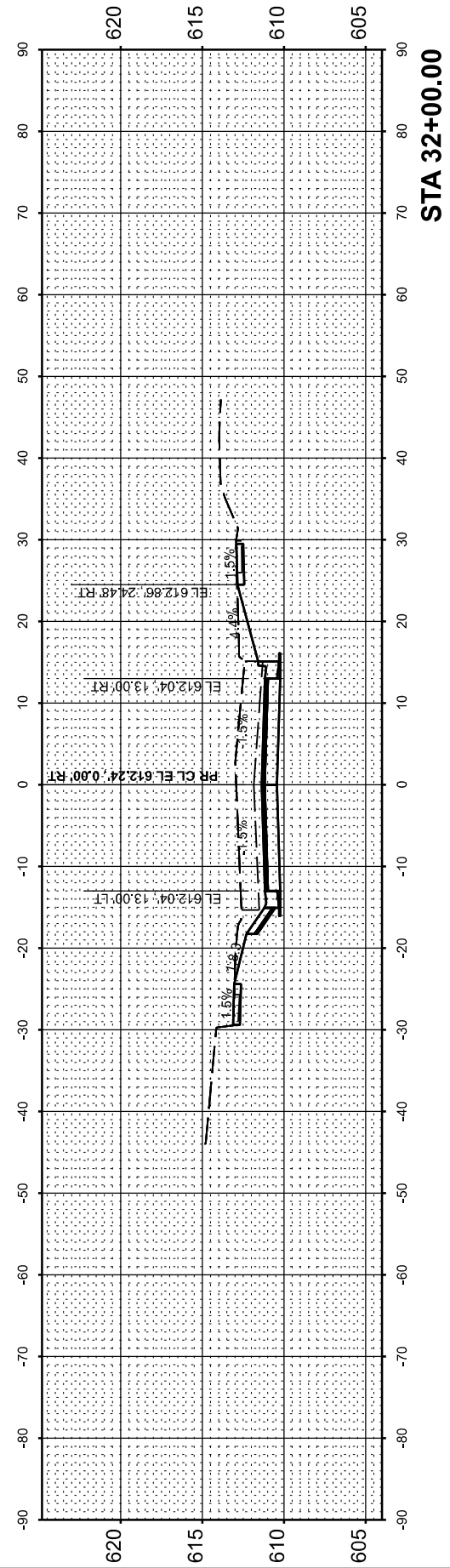
STA 32+50.00



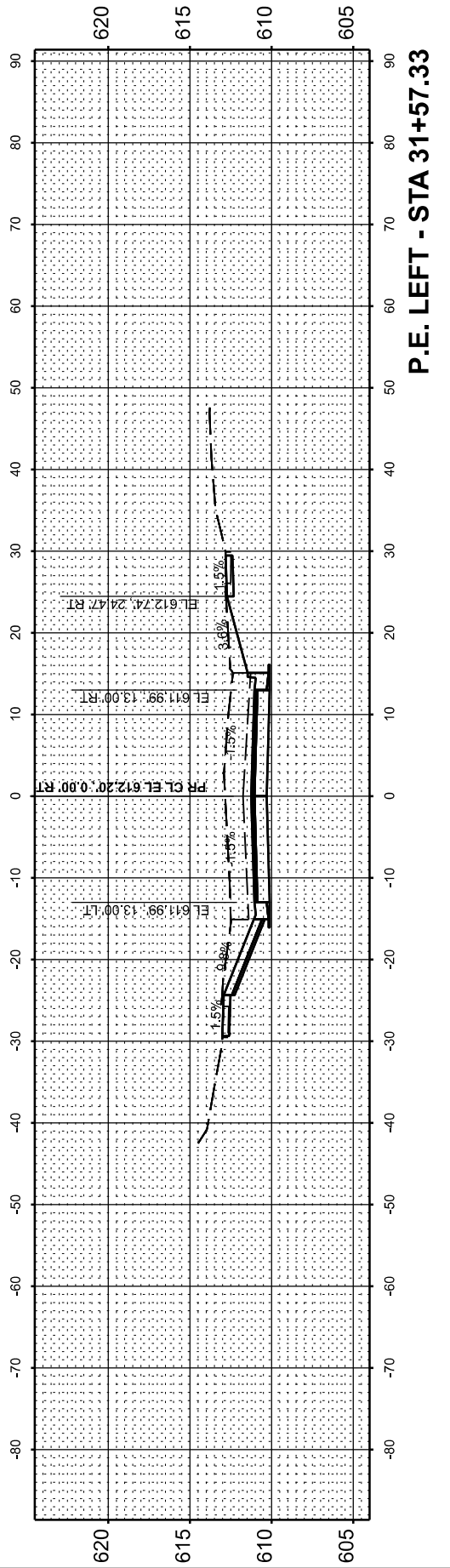
P.E. RIGHT - STA 32+16.80



P.E. LEFT - STA 32+06.81



STA 32+00.00



P.E. LEFT - STA 31+57.33

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
WEST MAIN CROSS ROADWAY IMPROVEMENTS

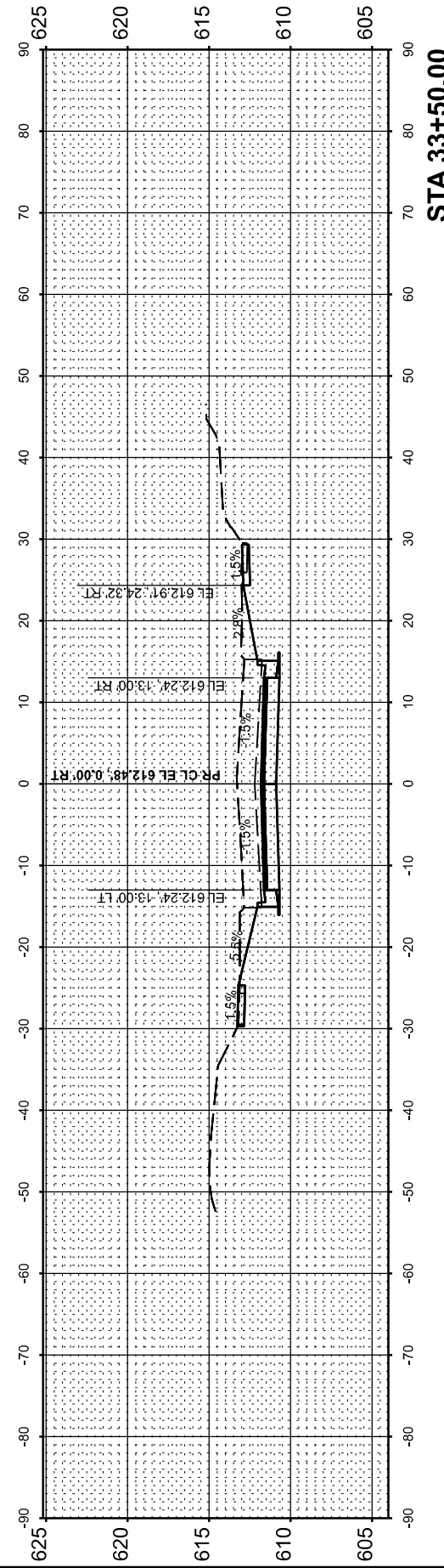
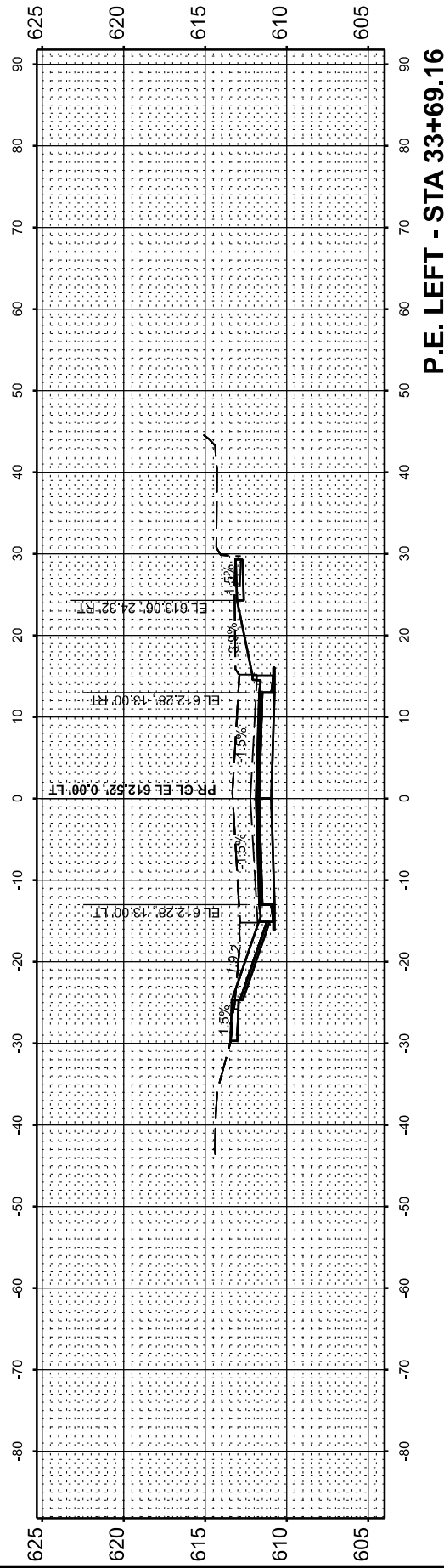
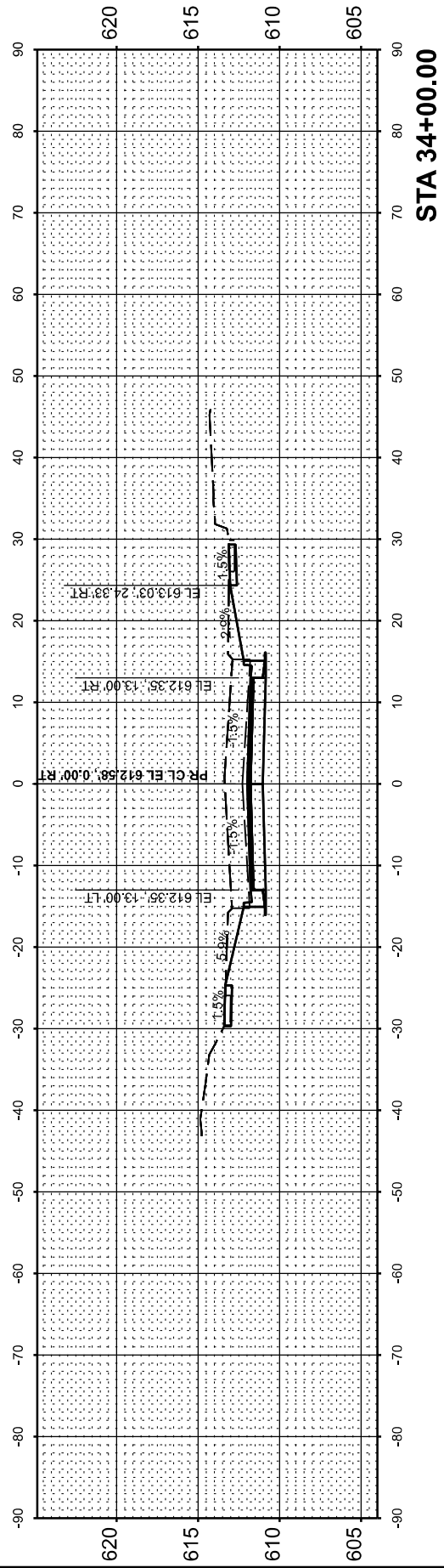
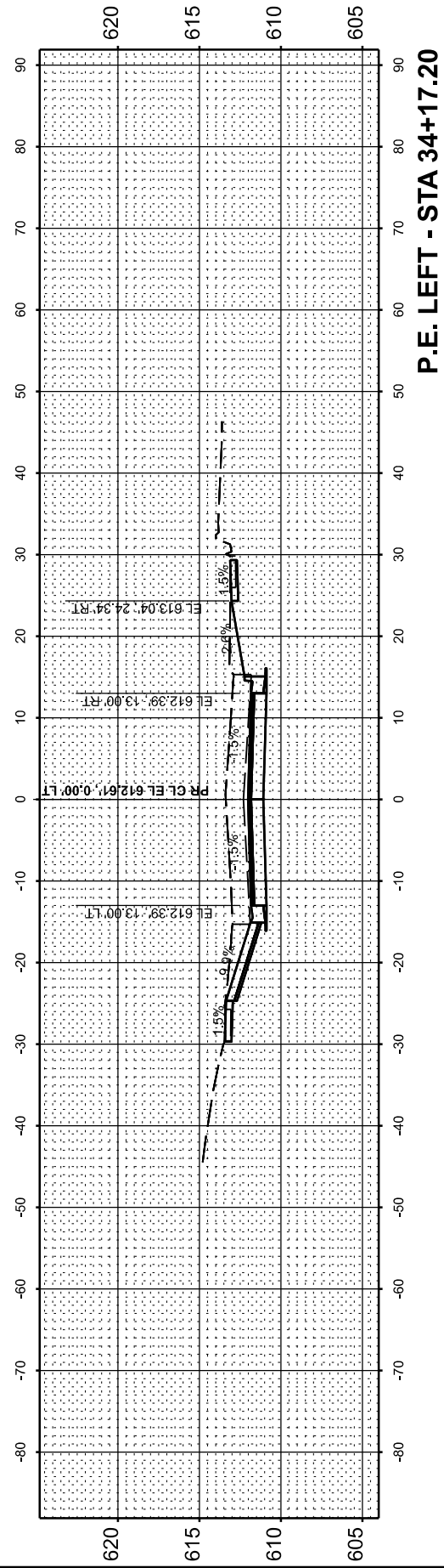
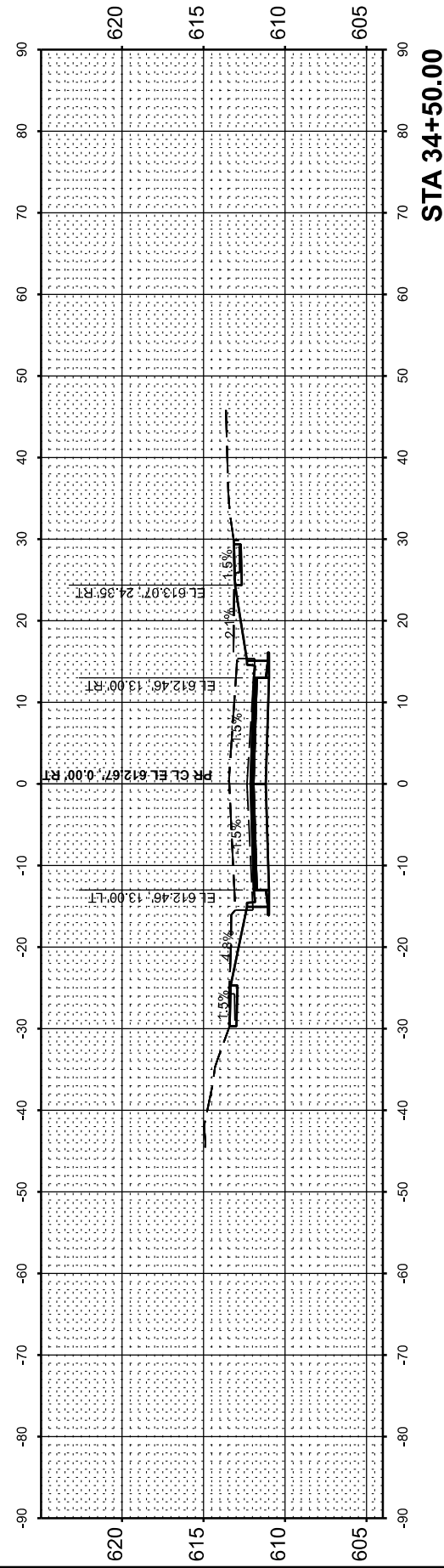
SCALE: 1"=10' SHEET 10 OF 20 SHEETS STA. 31+57.33 TO STA. 32+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	67
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: P:\CL\WESTCROSS_33+50.00 (Sheet) No.
 FILE NAME: P:\BES32FAU 7878 (West Main Cross) Sec (2) 20-00065-00-RS (CADD Sheets) 60-76-D07878-shl-Xsect1015.dgn



USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

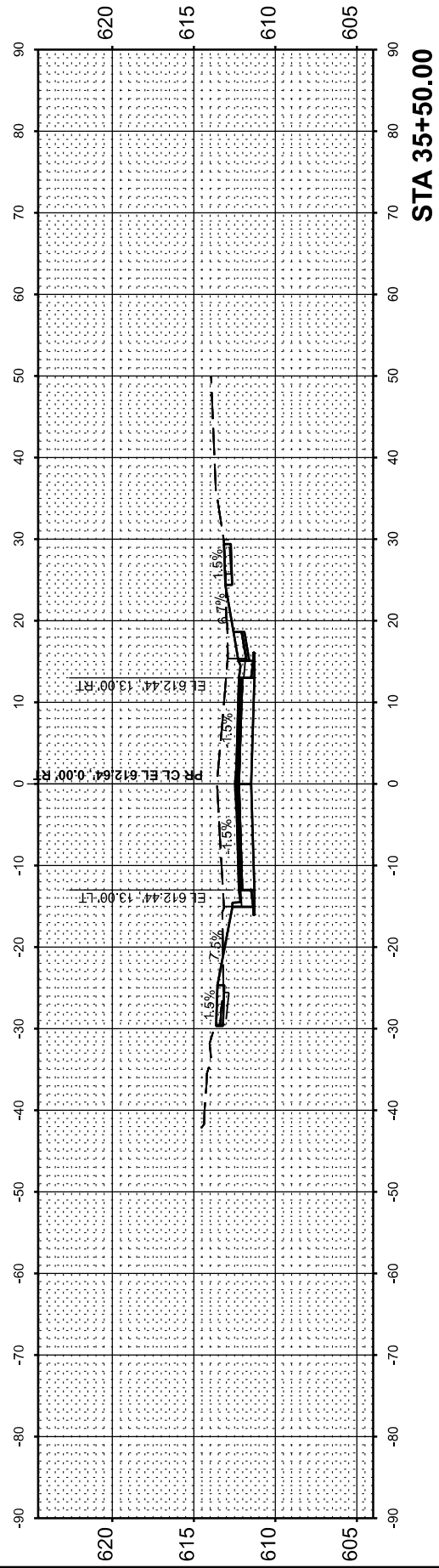
CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 11	OF 20 SHEETS	STA. 33+50.00 TO STA. 34+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	68
				CONTRACT NO. 93841
				ILLINOIS FED. AID PROJECT

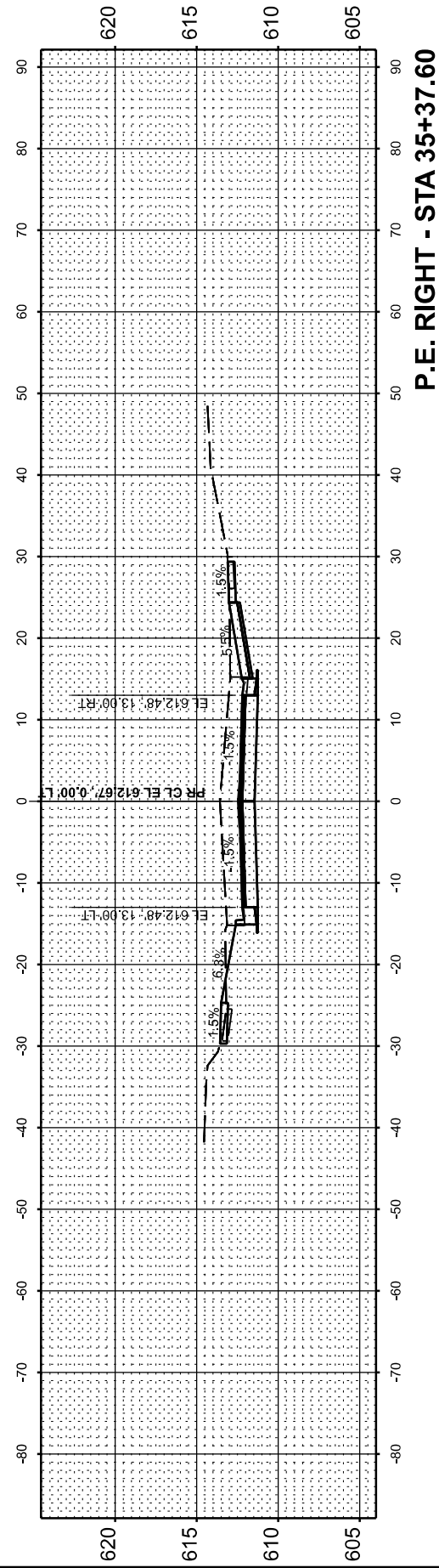
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	AREAS CHECKED		

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

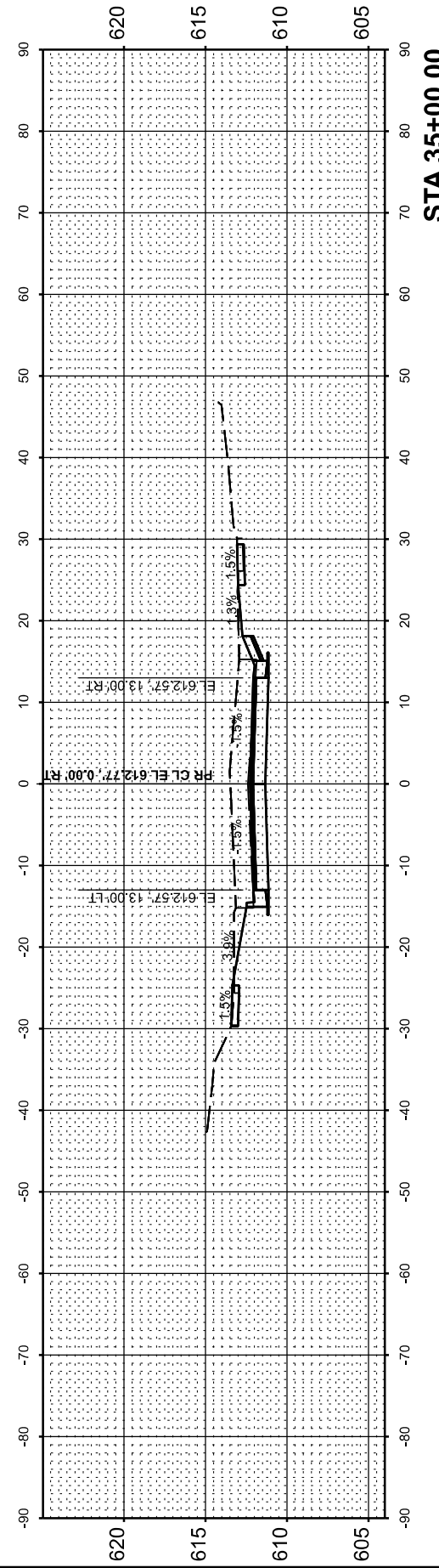
MODEL: P:\CL WESTCROSS_34+72.86 (Sheet) No. 69
 FILE NAME: P:\B342FAU 7878 (West Main Cross) Sec (2) 20-0065-00-RS\CADD Sheets\60-76-D\7878-sh11-xsect\sh11.dgn



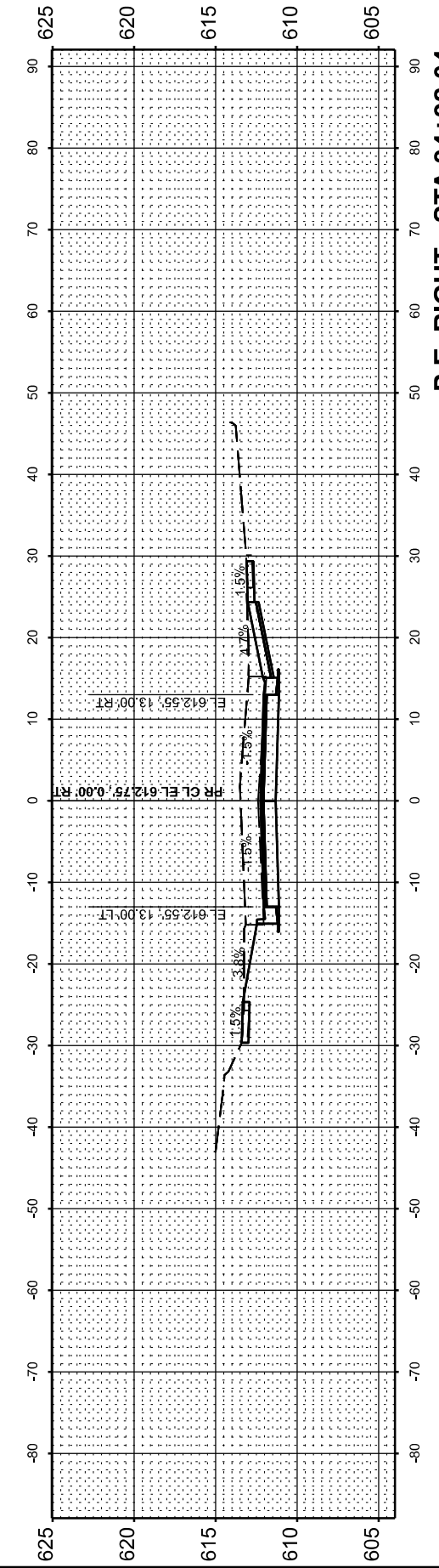
STA 35+50.00



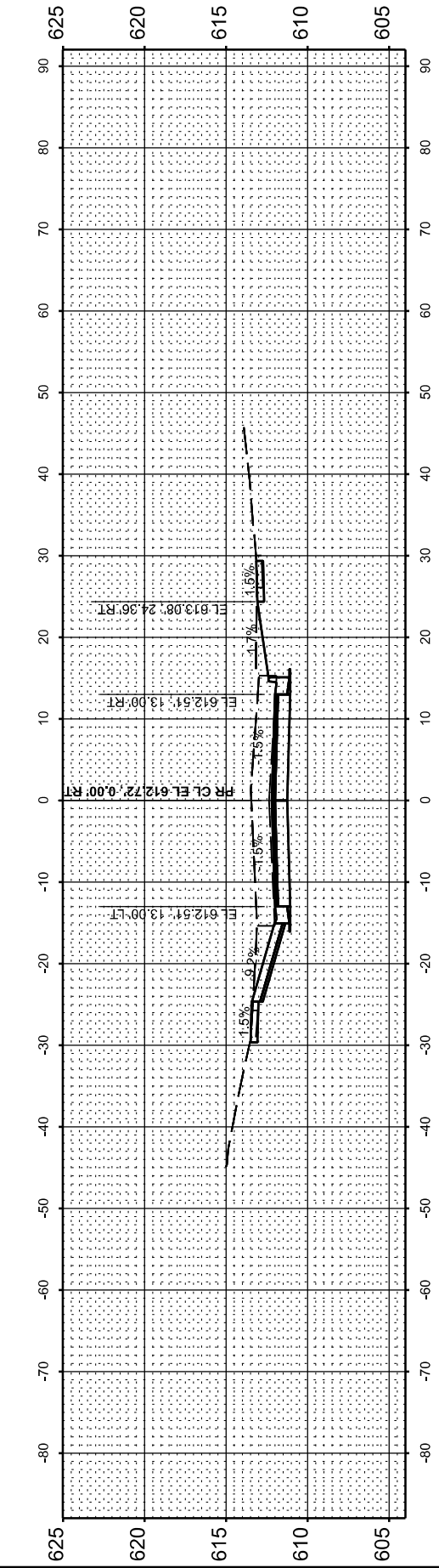
P.E. RIGHT - STA 35+37.60



STA 35+00.00



P.E. RIGHT - STA 34+92.04



P.E. LEFT - STA 34+72.86

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

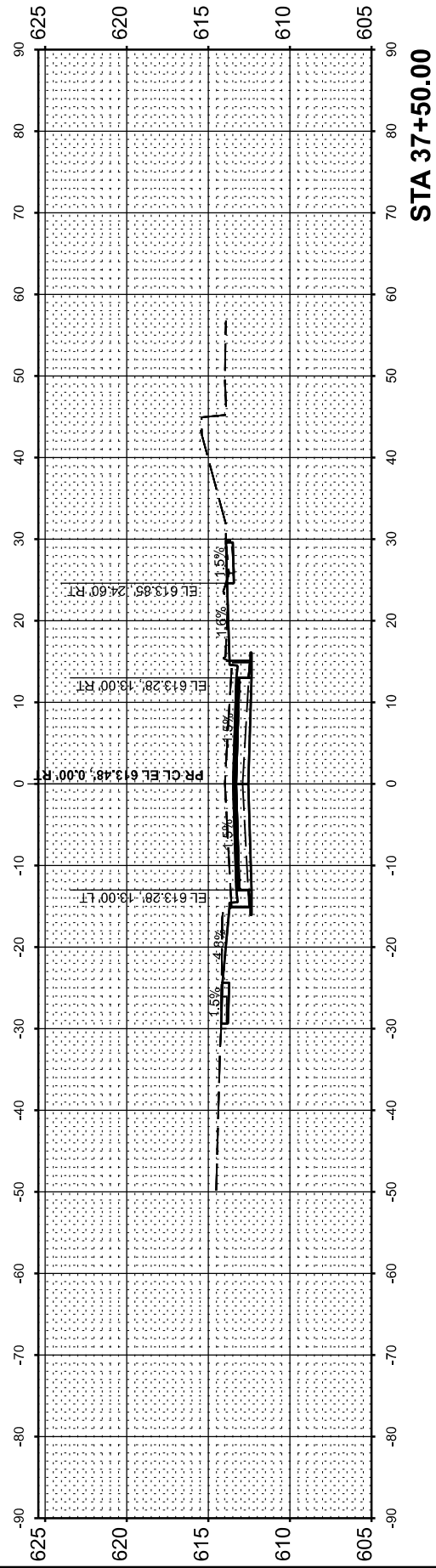
CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 12	OF 20 SHEETS	STA. 34+72.86 TO STA. 35+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-0065-00-RS	CHRISTIAN	77	69
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

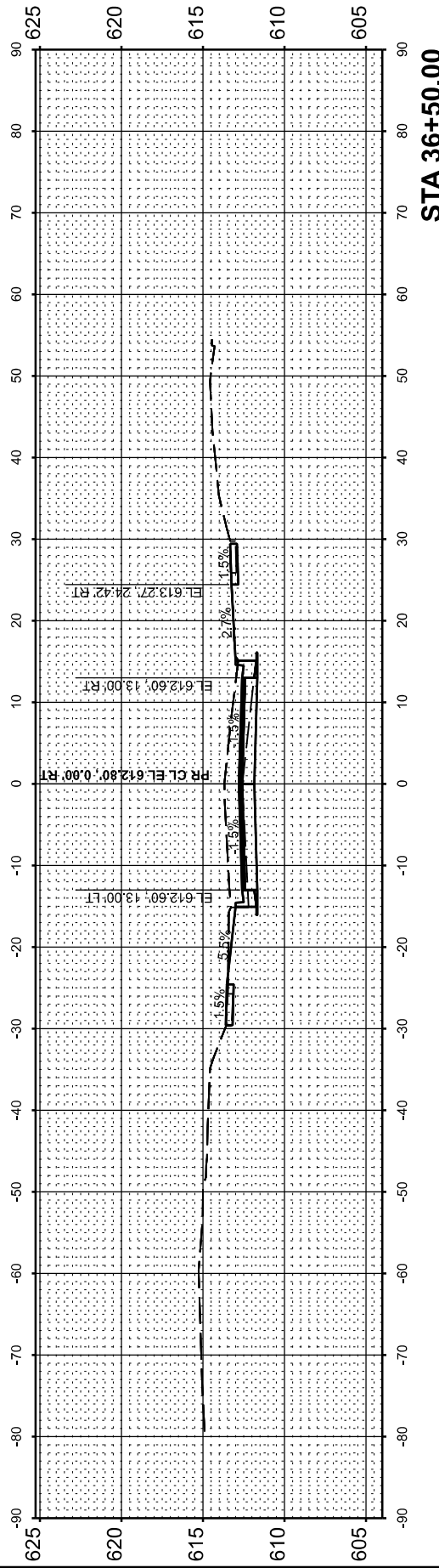
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		

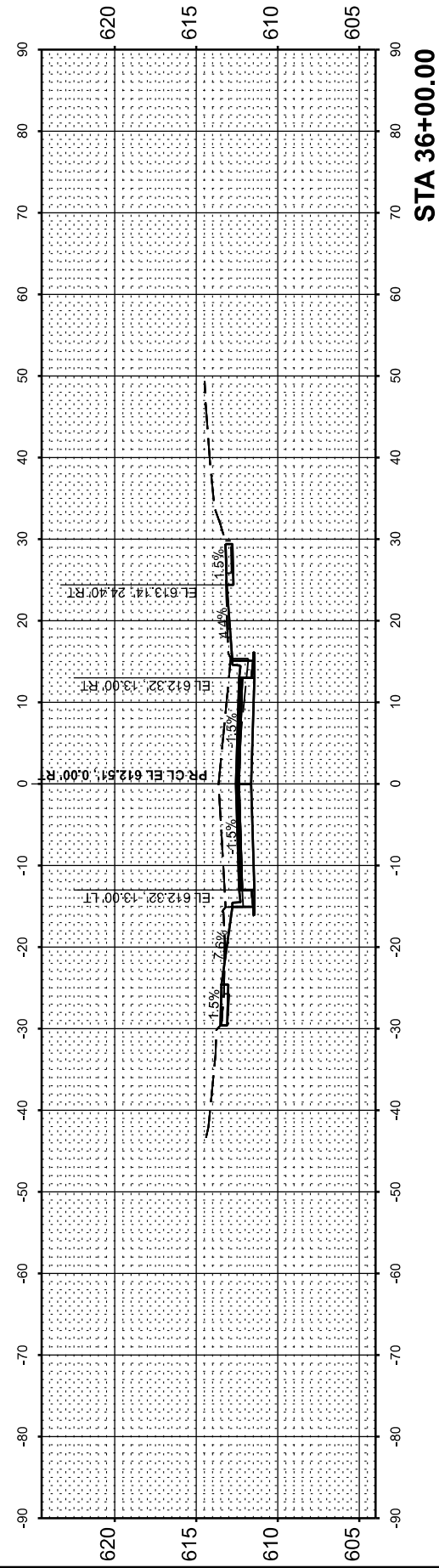
MODEL: P:\CL\WESTCROSS_35+55.25 (Sheet) No. 70
 FILE NAME: P:\B3321FAU 7878 (West Main Cross) Sec (2) 00065-00-RS\CADD Sheets\60-76-D07778-shl-Xsect\015.dgn



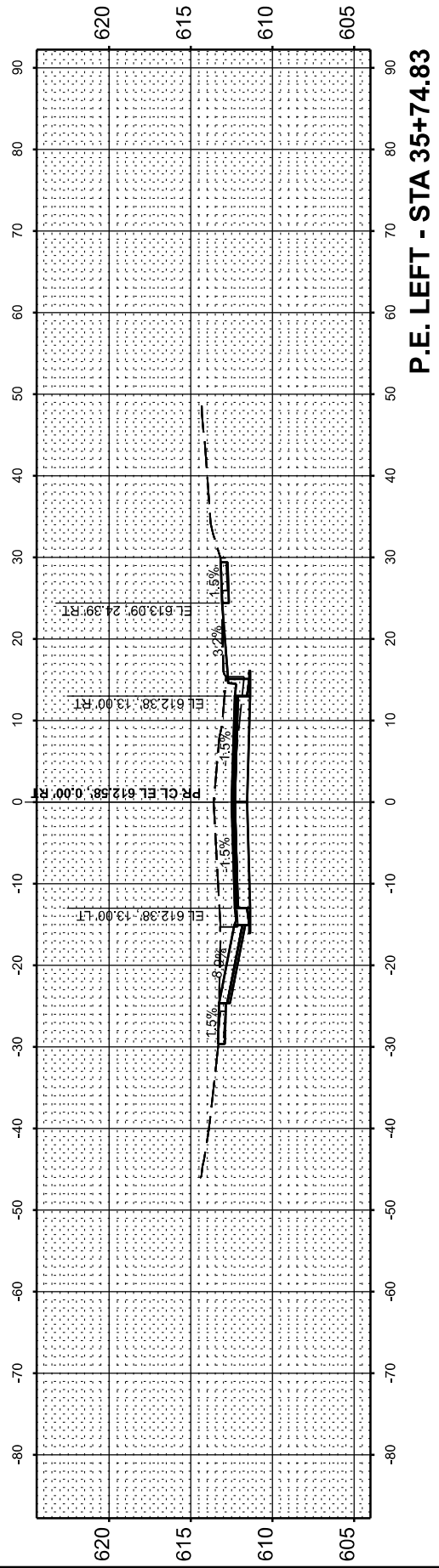
STA 37+50.00



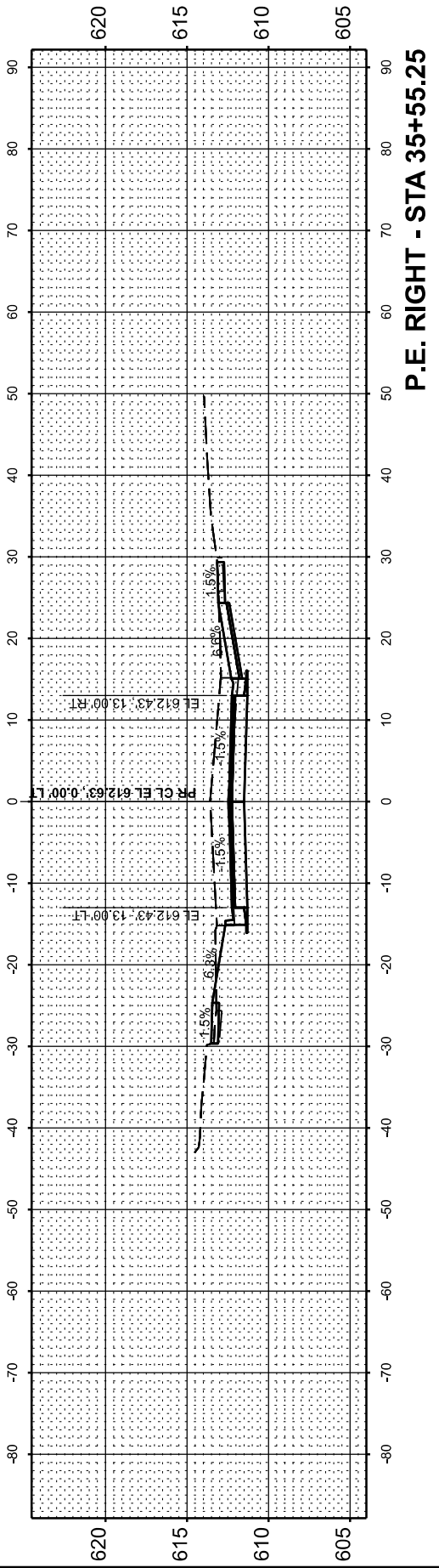
STA 36+50.00



STA 36+00.00



P.E. LEFT - STA 35+74.83



P.E. RIGHT - STA 35+55.25

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

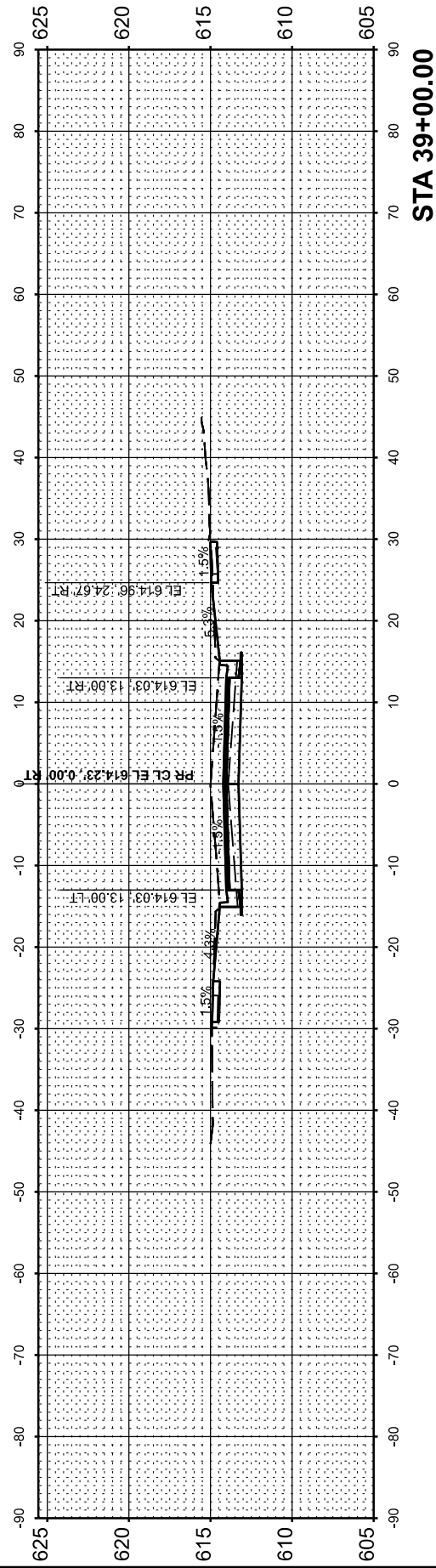
CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 13	OF 20 SHEETS	STA. 35+55.25 TO STA. 37+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	70
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

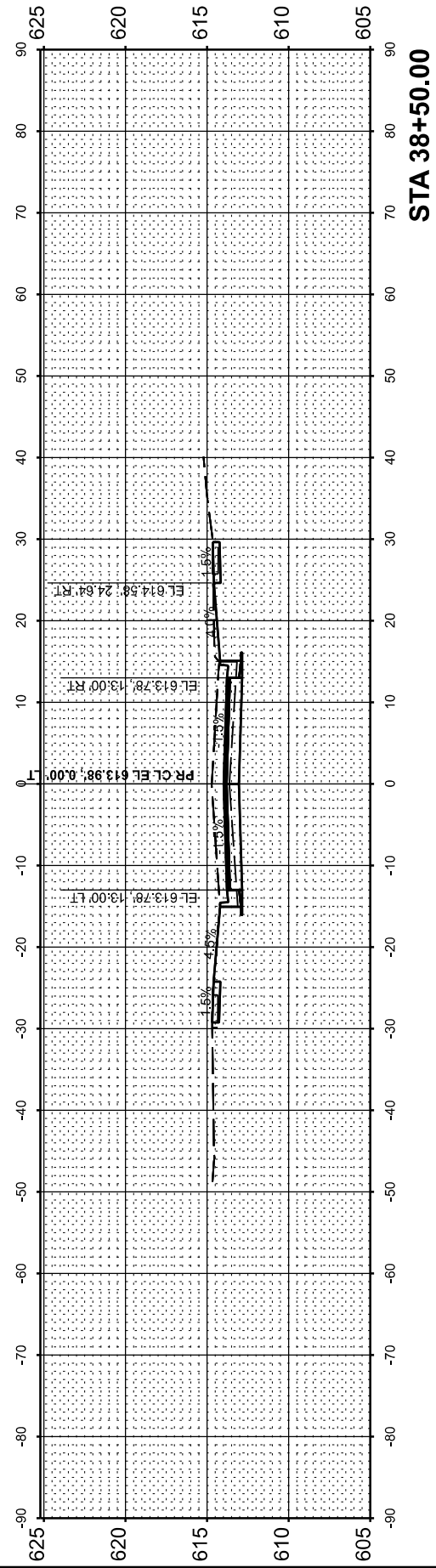
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

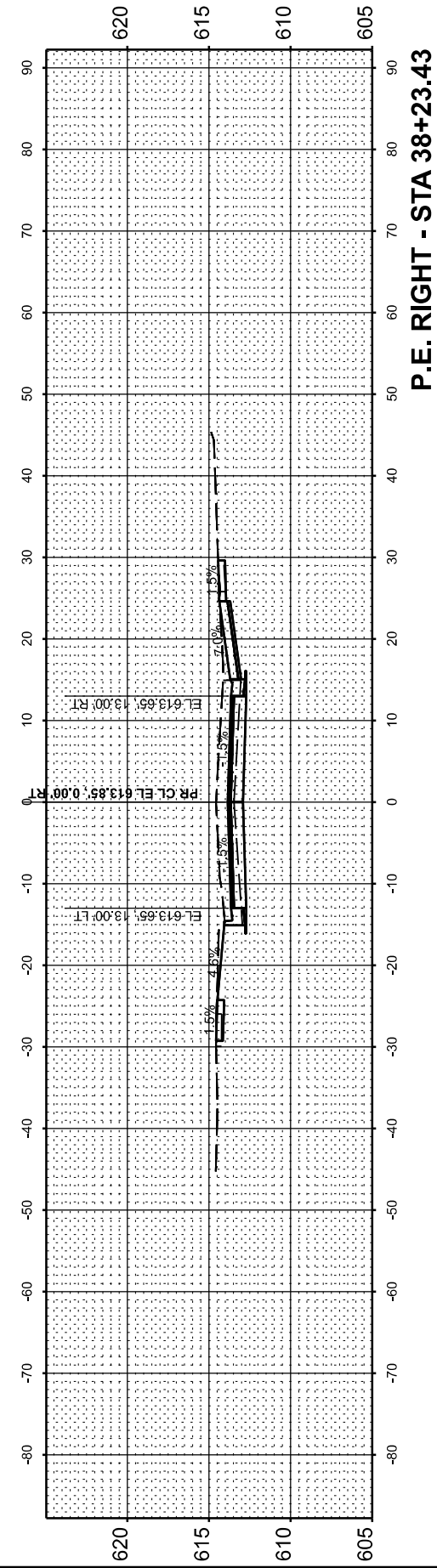
MODEL: P:\CL WESTCROSS_37+72.59 (Sheet) No. 1
 FILE NAME: P:\18E342FAU 7878 (West Main Cross) Sec (2) 00065-00-RS (CADD Sheets) 60-76-D07878-shl-Xsect1010.dgn



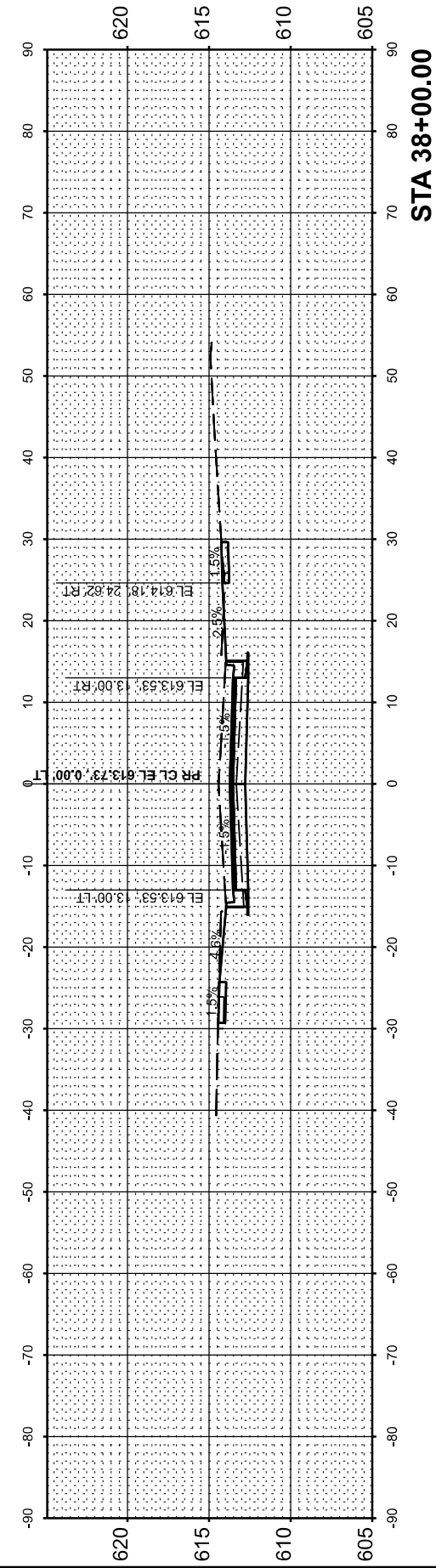
STA 39+00.00



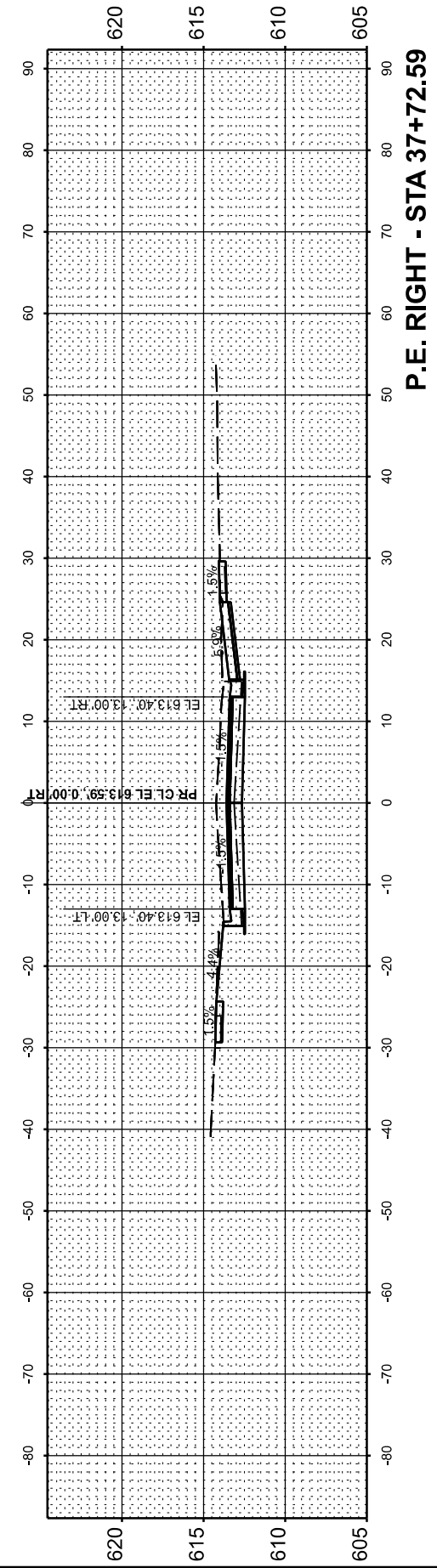
STA 38+50.00



P.E. RIGHT - STA 38+23.43



STA 38+00.00



P.E. RIGHT - STA 37+72.59

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 WEST MAIN CROSS ROADWAY IMPROVEMENTS

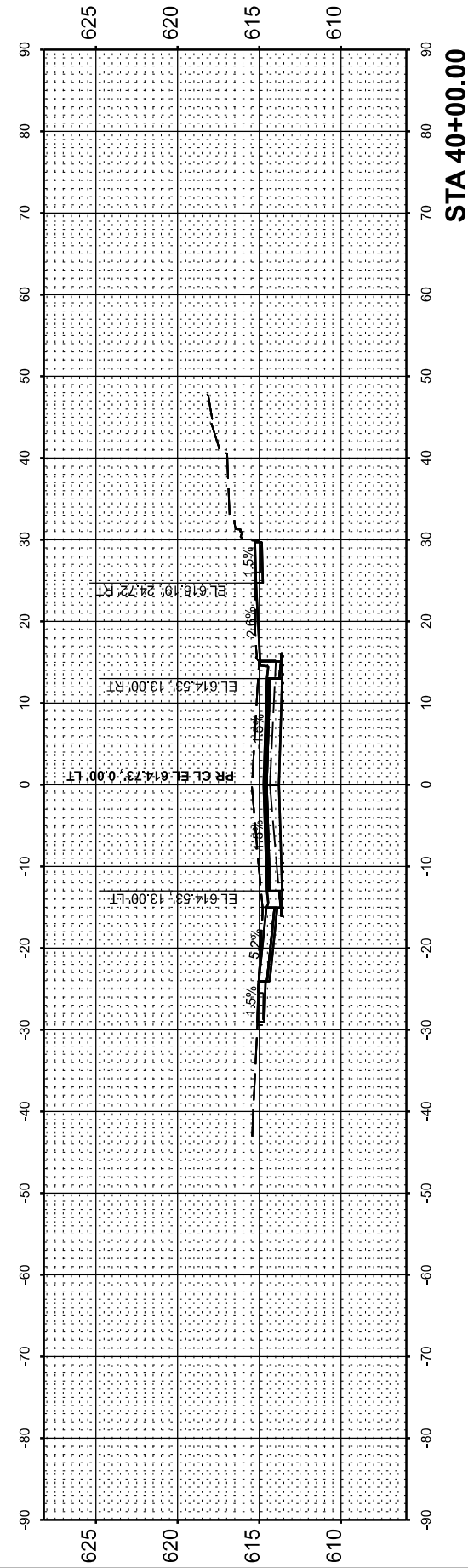
SCALE: 1"=10' SHEET 14 OF 20 SHEETS STA. 37+72.59 TO STA. 39+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	20-00065-00-RS	CHRISTIAN	77	71
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

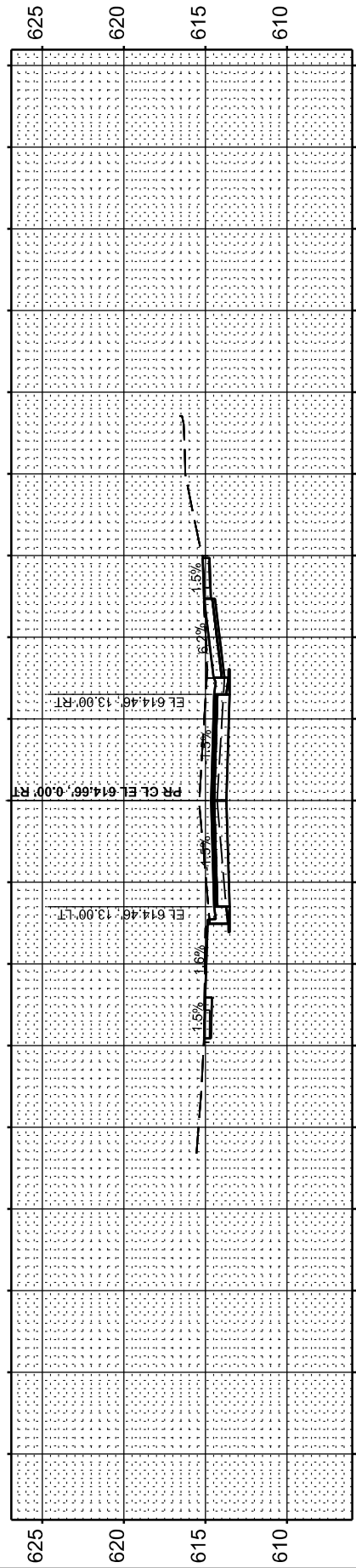
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

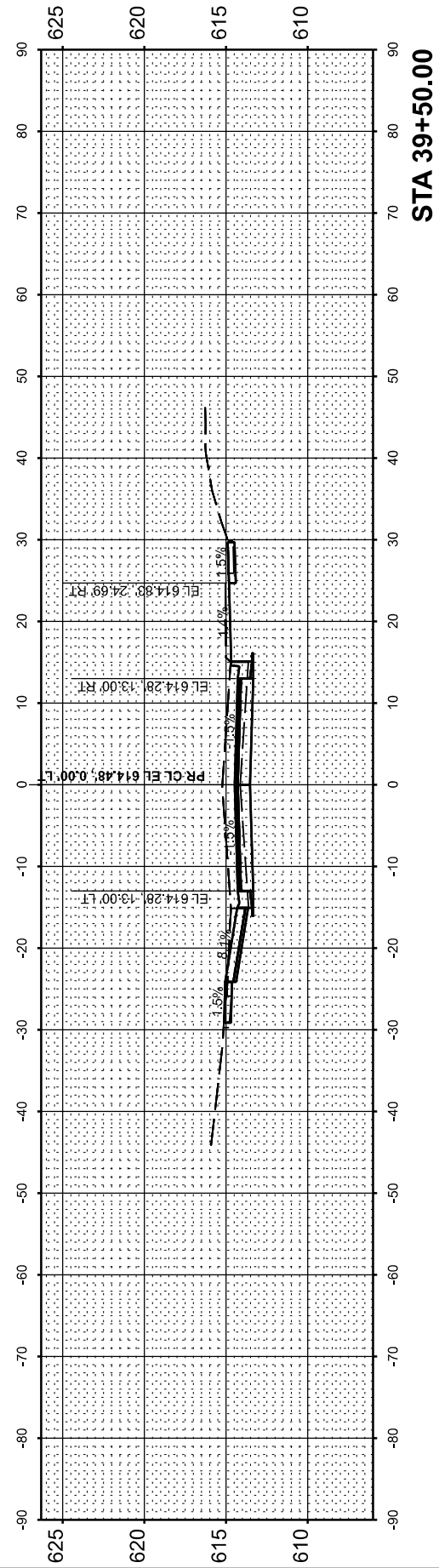
MODEL: P:\CL WESTCROSS_39+26.08 (Sheet) No. 72
 FILE NAME: P:\B3321FAU 7878 (West Main Cross) Sec (2) 20-00065-00-RS\CADD Sheets\60-76-D07878-sh1-Xsect\sh1.dgn



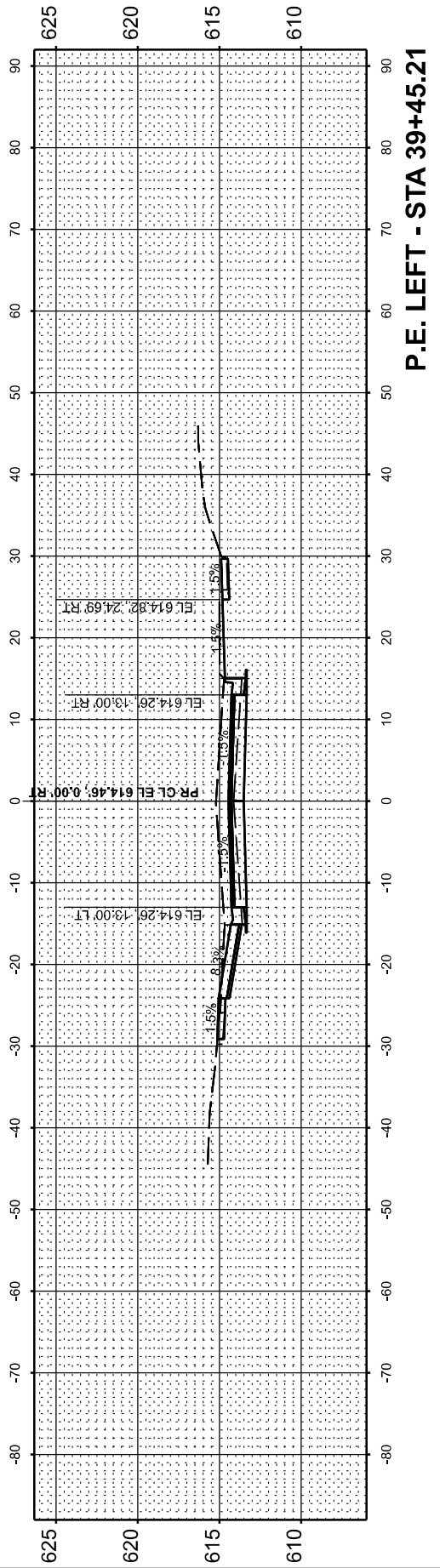
STA 40+00.00



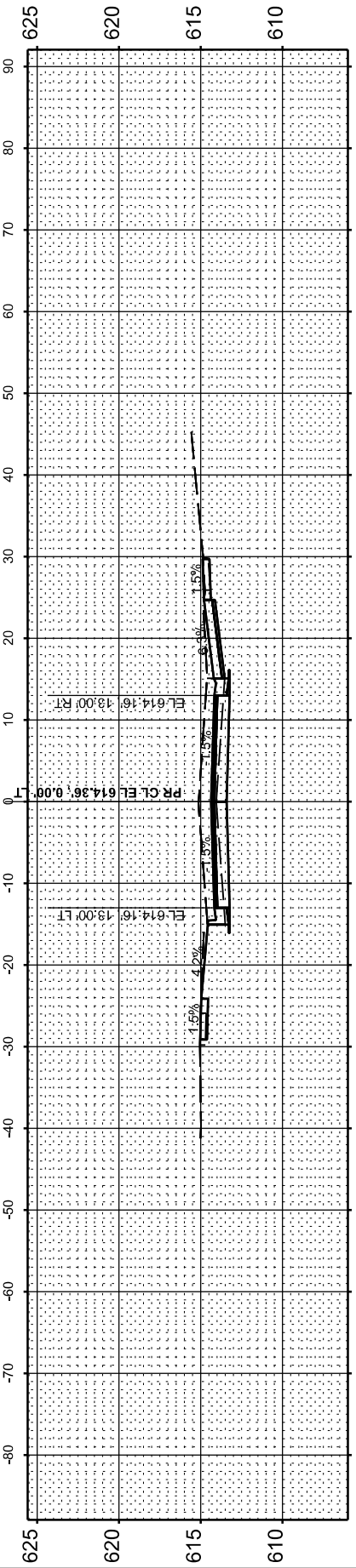
P.E. RIGHT - STA 39+85.85



STA 39+50.00



P.E. LEFT - STA 39+45.21



P.E. RIGHT - STA 39+26.08

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 WEST MAIN CROSS ROADWAY IMPROVEMENTS

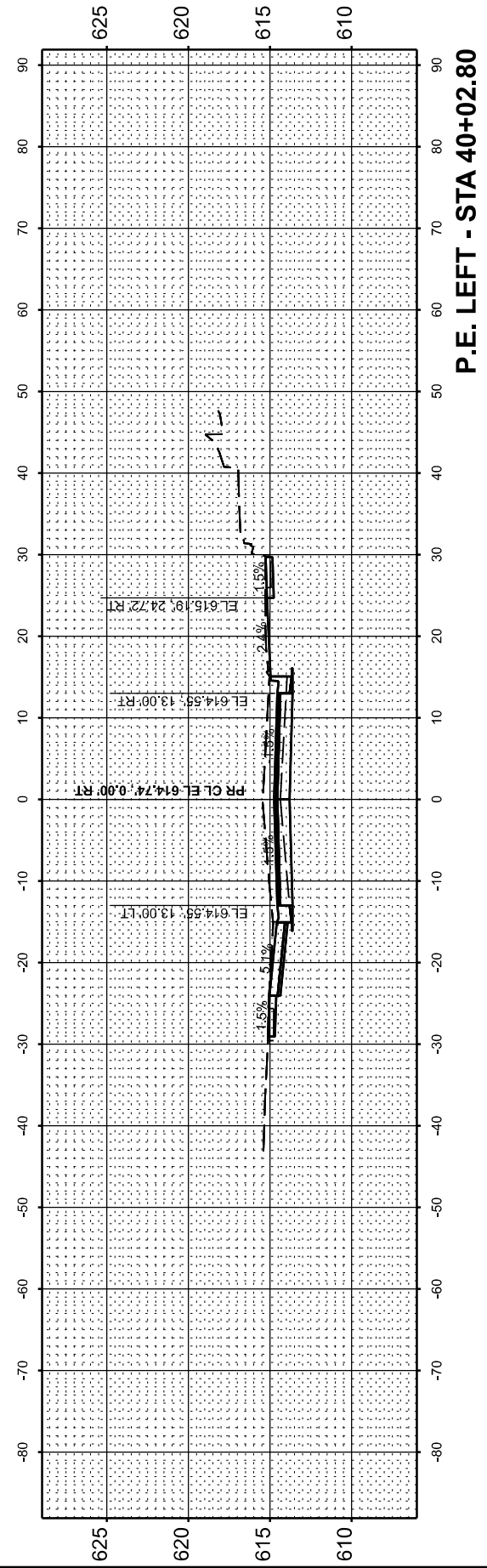
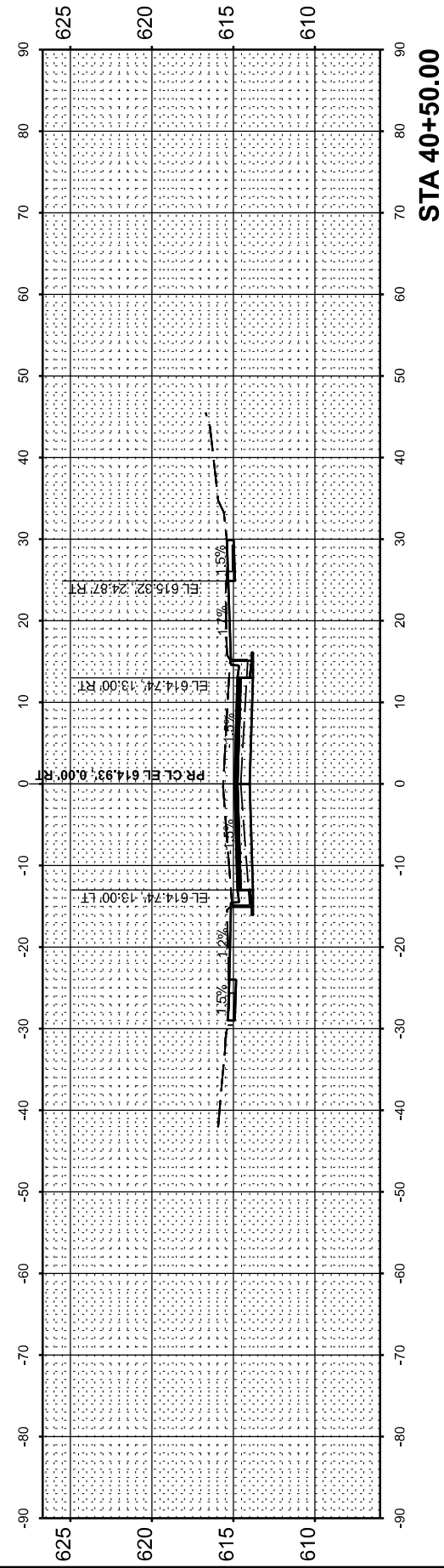
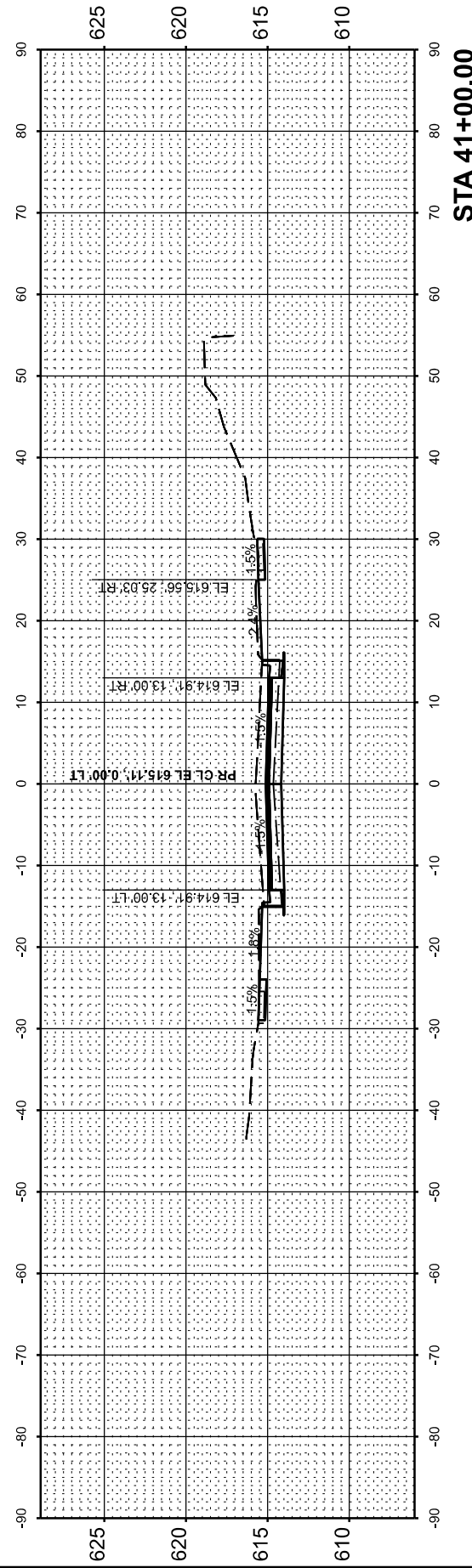
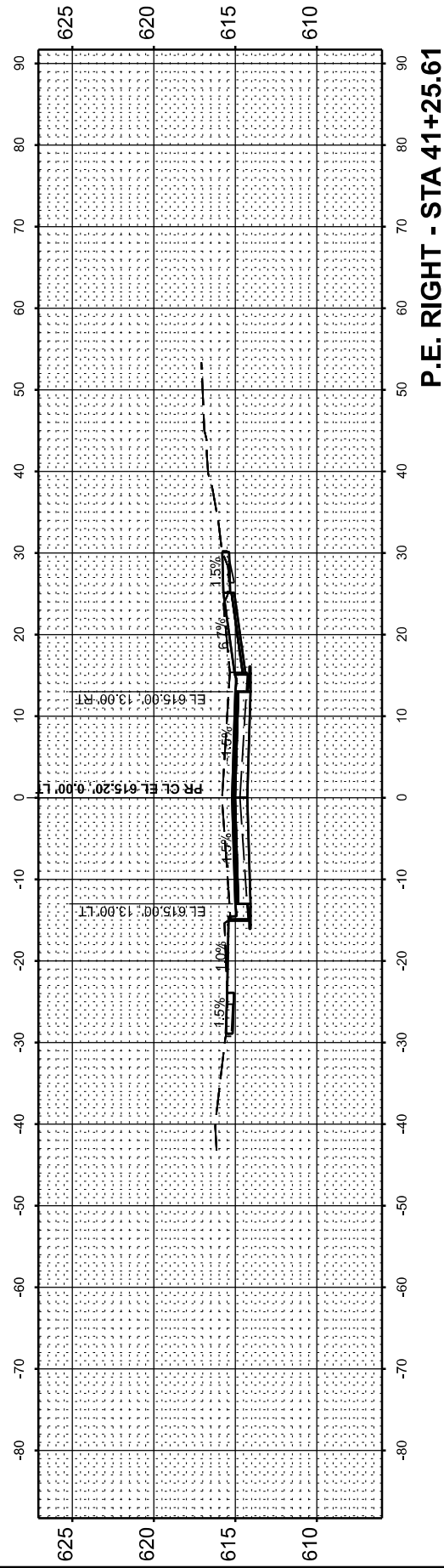
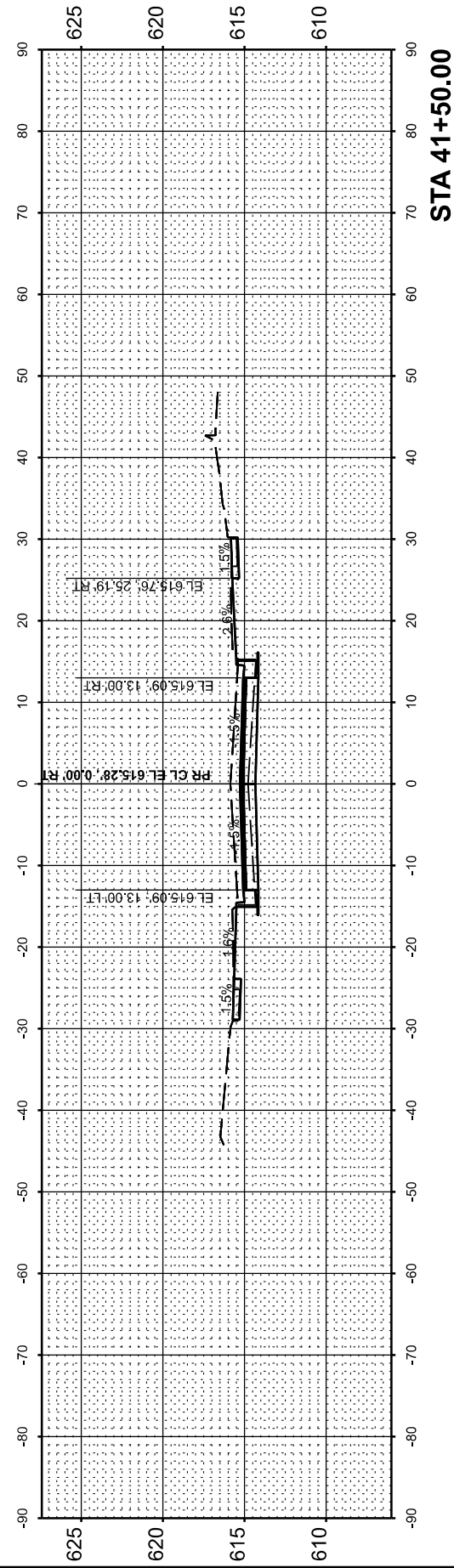
SCALE: 1"=10' SHEET 15 OF 20 SHEETS STA. 39+26.08 TO STA. 40+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	72
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

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

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

MODEL: P:\CL\WESTCROSS_40+02.80 (Sheet) No. 73
 FILE NAME: P:\B332\FAU 7878 (West Main Cross) Sec (2) 20-0065-00-RS\CADD Sheets\60-76-D\7878-sh1-xsections.dgn



USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

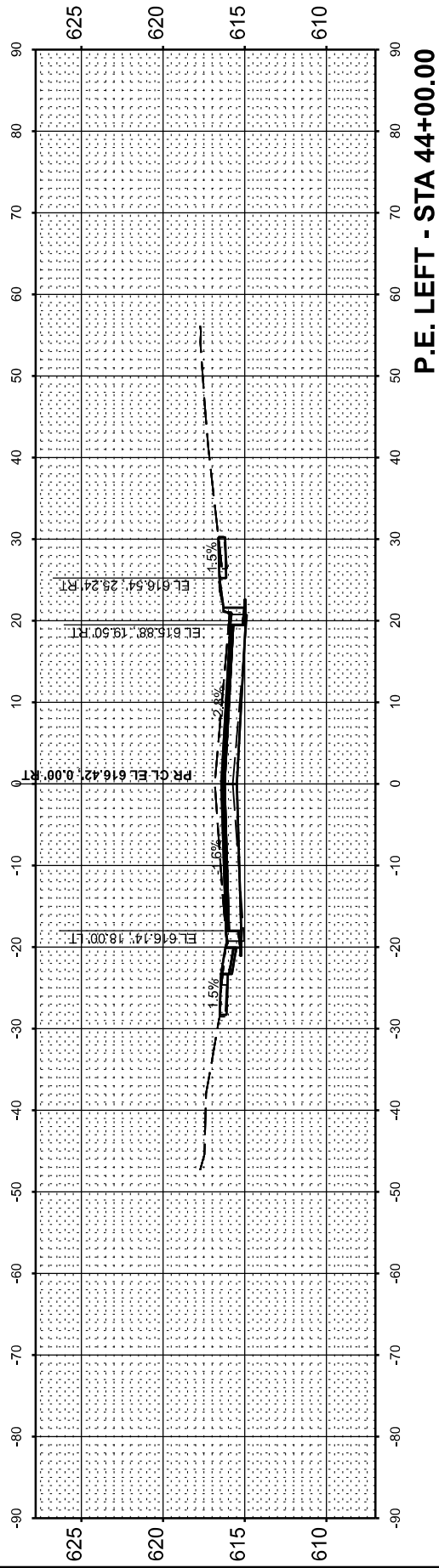
CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 16	OF 20 SHEETS	STA. 40+02.80 TO STA. 41+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-0065-00-RS	CHRISTIAN	77	73
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

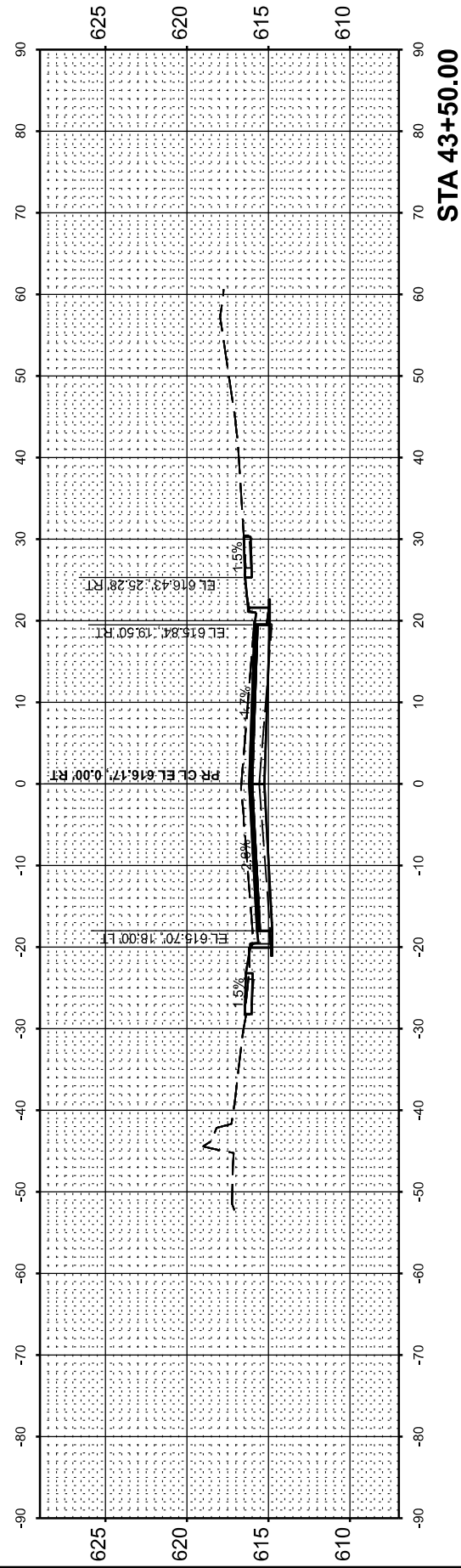
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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

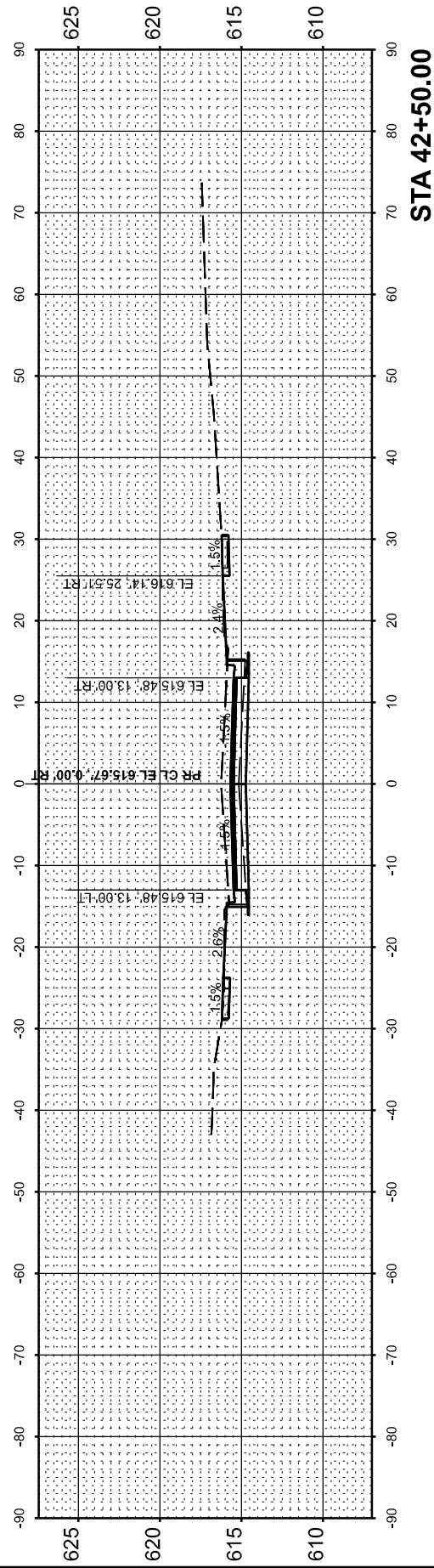
MODEL: P:\CL\WESTCROSS_42+00.00 (Sheet) No. 74
 FILE NAME: P:\B3321FAU 7878 (West Main Cross) Sec (20-00065-00-RS) (CADD Sheets60-76-D07878-shl-Xsect\shl5.dgn)



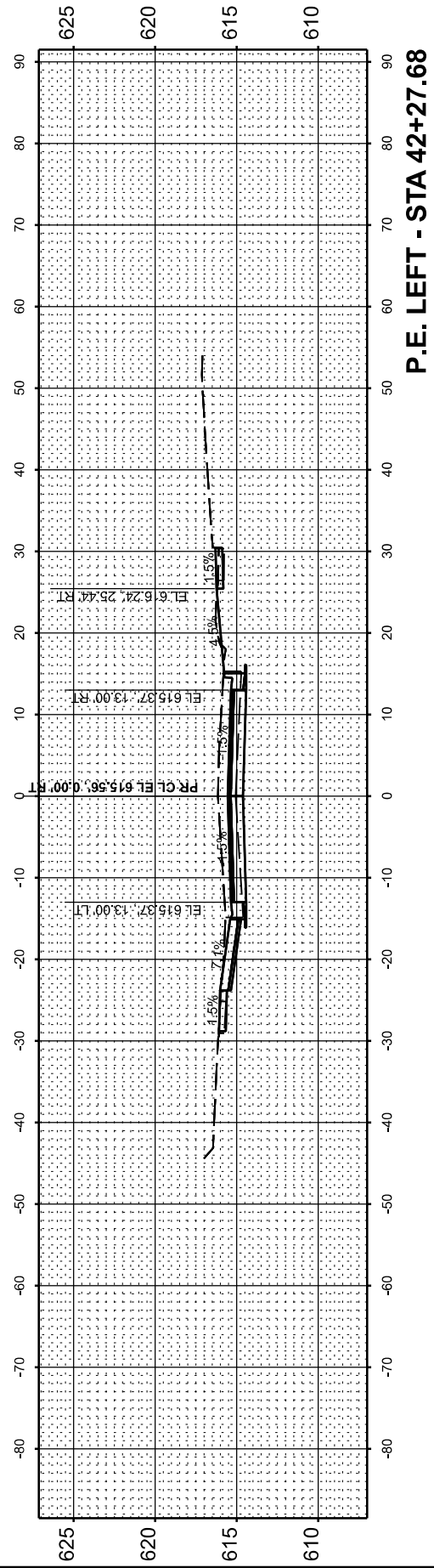
P.E. LEFT - STA 44+00.00



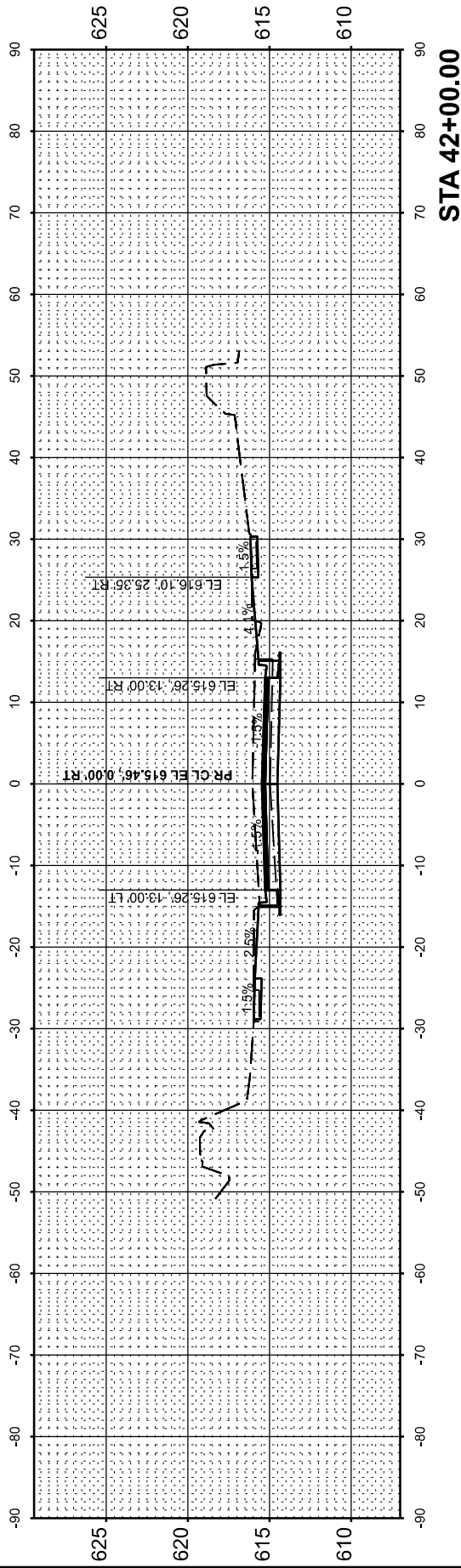
STA 43+50.00



STA 42+50.00



P.E. LEFT - STA 42+27.68



STA 42+00.00

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

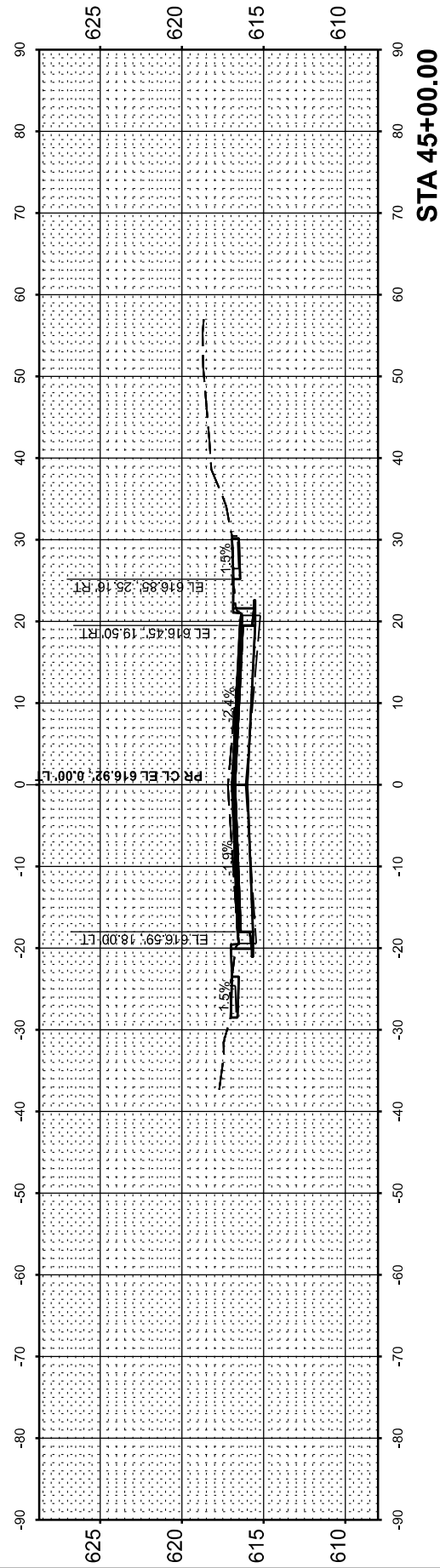
CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 17	OF 20 SHEETS	STA. 42+00.00 TO STA. 44+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	74
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

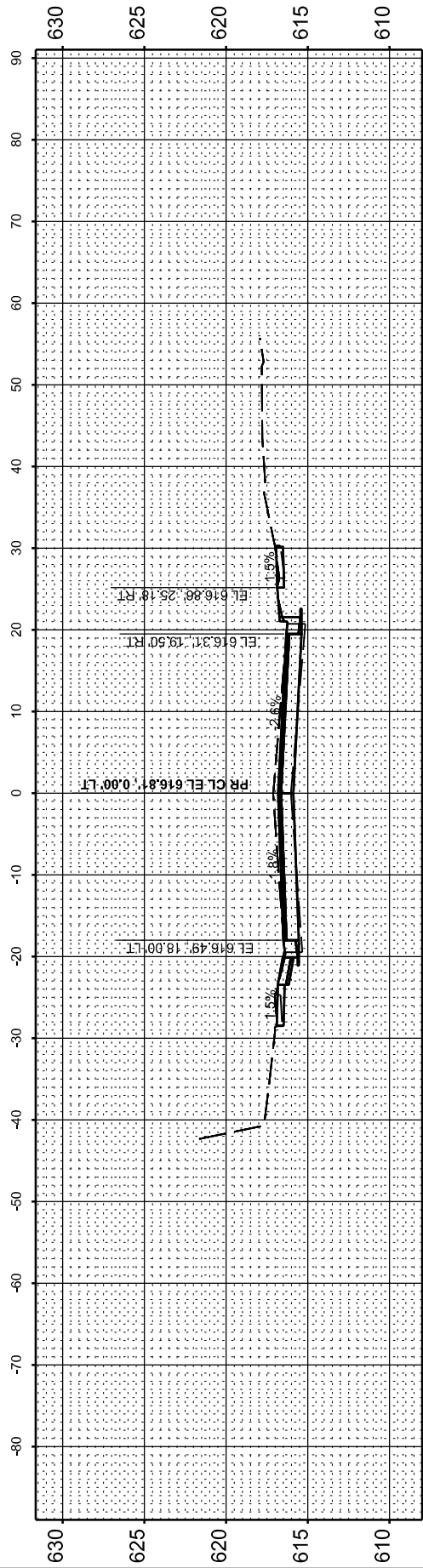
FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

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

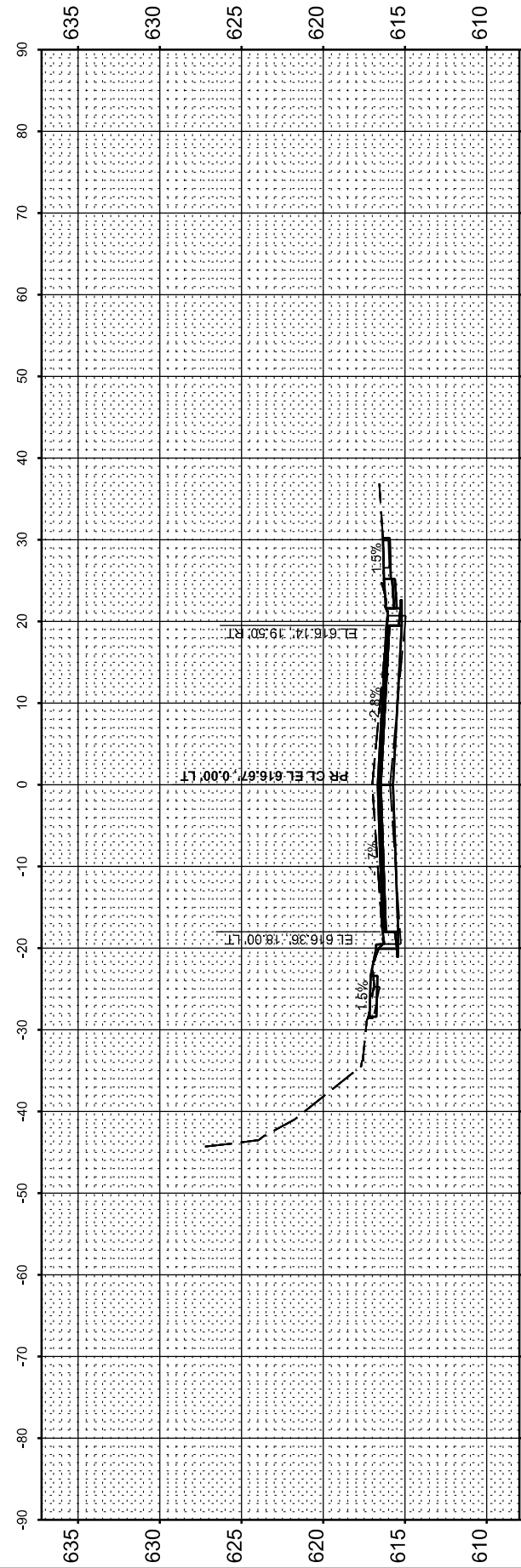
MODEL: P:\C1\WESTCROSS_44+42.26 (Sheet) No. 75
 FILE NAME: P:\B332\FAU 7878 (West Main Cross) Sec (2) 20-0065-00-RS\CADD Sheets\60-76-D\7878-shh-Xsect\shh.dgn



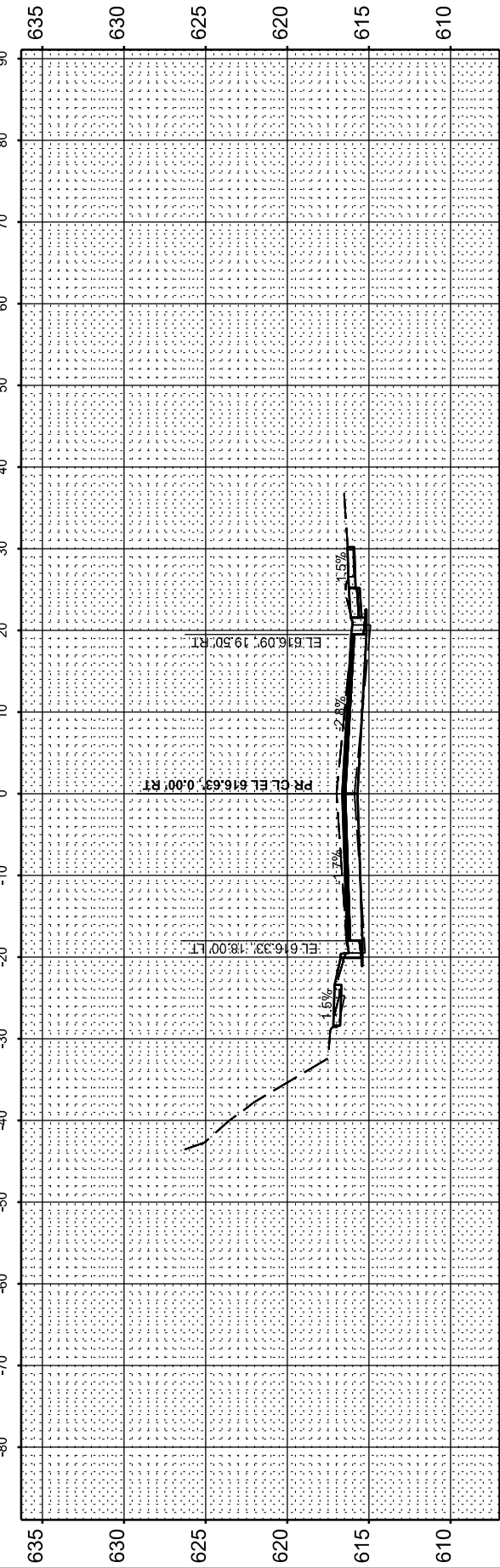
STA 45+00.00



P.E. LEFT - STA 44+78.06



STA 44+50.00



P.E. RIGHT - STA 44+42.26

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

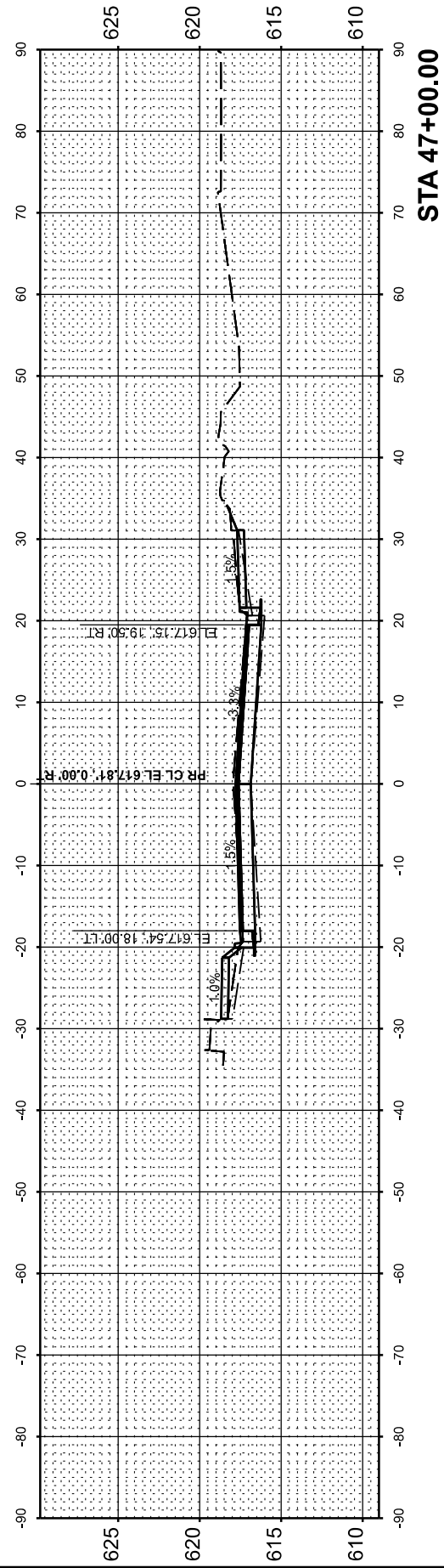
CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 18	OF 20 SHEETS	STA. 44+42.26 TO STA. 45+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-0065-00-RS	CHRISTIAN	77	75
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

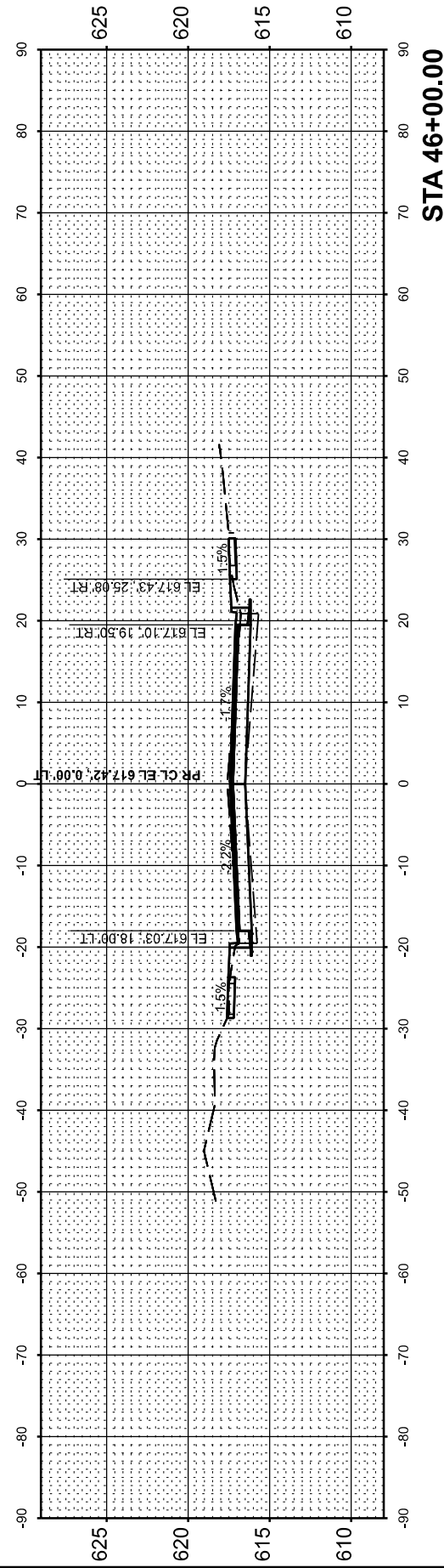
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
	AREAS CHECKED		

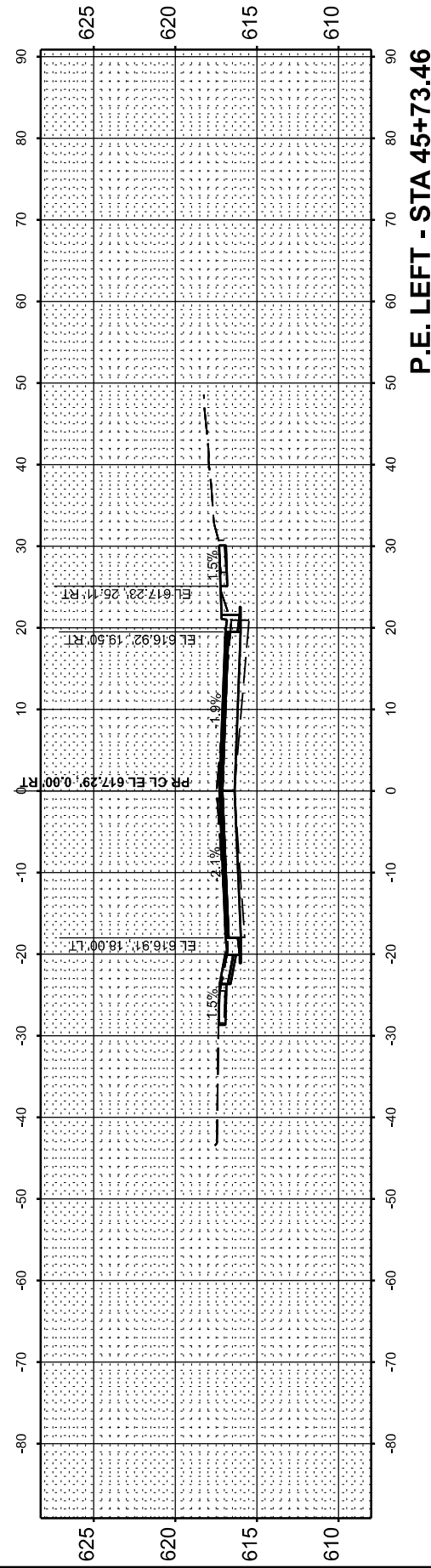
MODEL: P:\CL\WESTCROSS_45+24.76 (Sheet) No. 7878
 FILE NAME: P:\B332\PAU 7878 (West Main Cross) Sec (2) 00065-00-RS (CADD Sheets) 60-76-D07778-shl-Xsect19.rvt



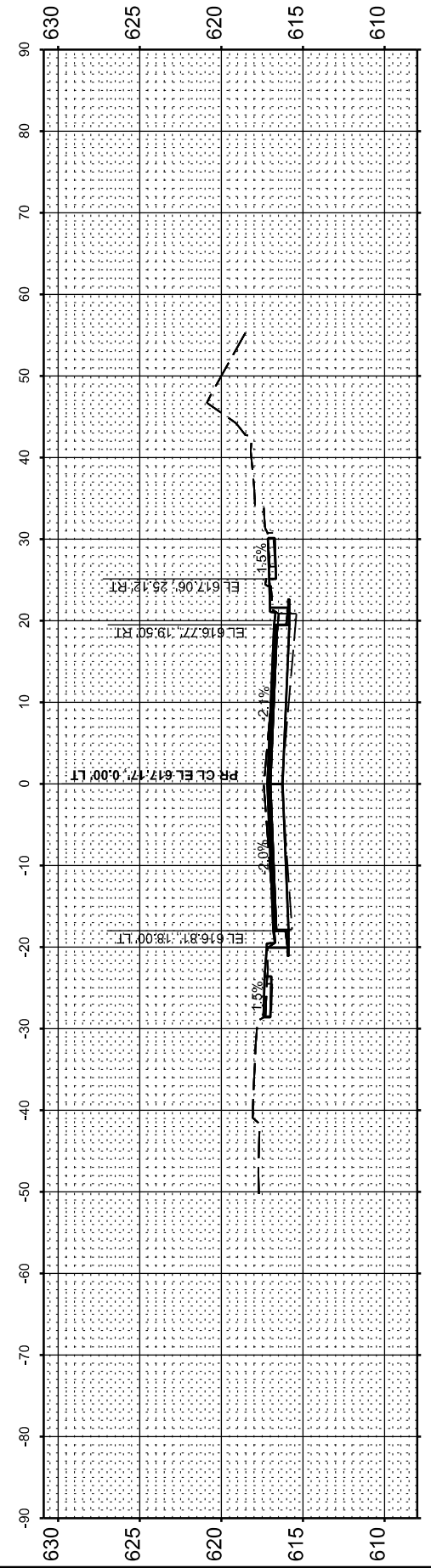
STA 47+00.00



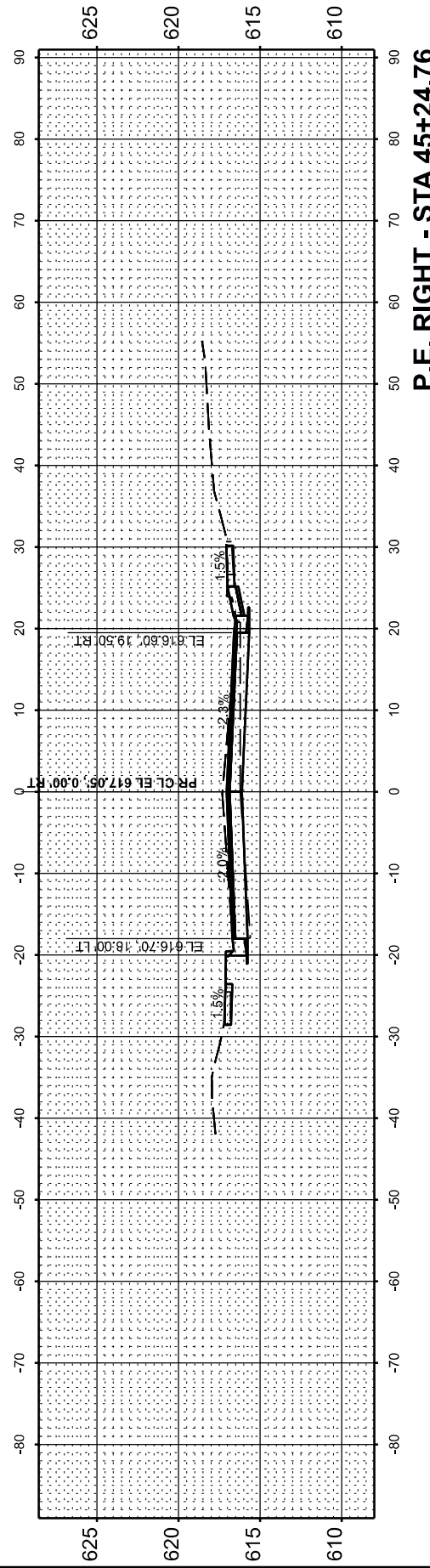
STA 46+00.00



P.E. LEFT - STA 45+73.46



STA 45+50.00



P.E. RIGHT - STA 45+24.76

USER NAME = knichols	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

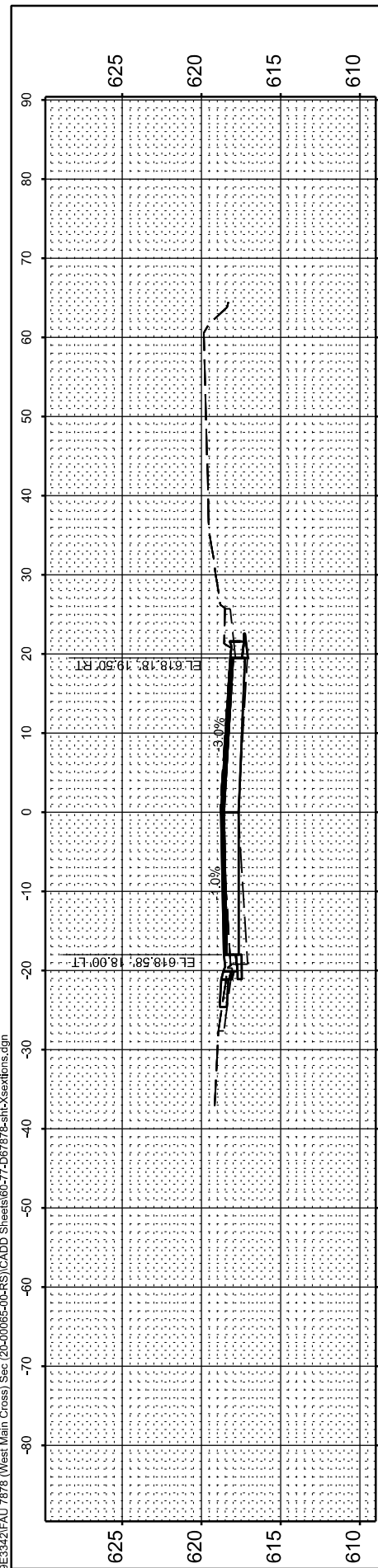
CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 19	OF 20 SHEETS	STA. 45+24.76 TO STA. 47+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7878	20-00065-00-RS	CHRISTIAN	77	76
CONTRACT NO. 93841				
ILLINOIS FED. AID PROJECT				

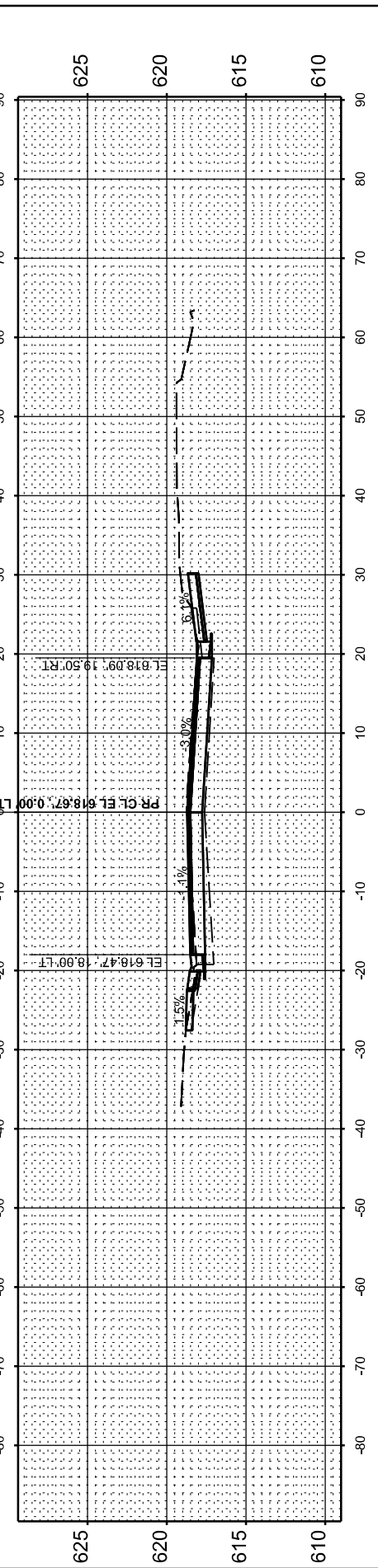
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		

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

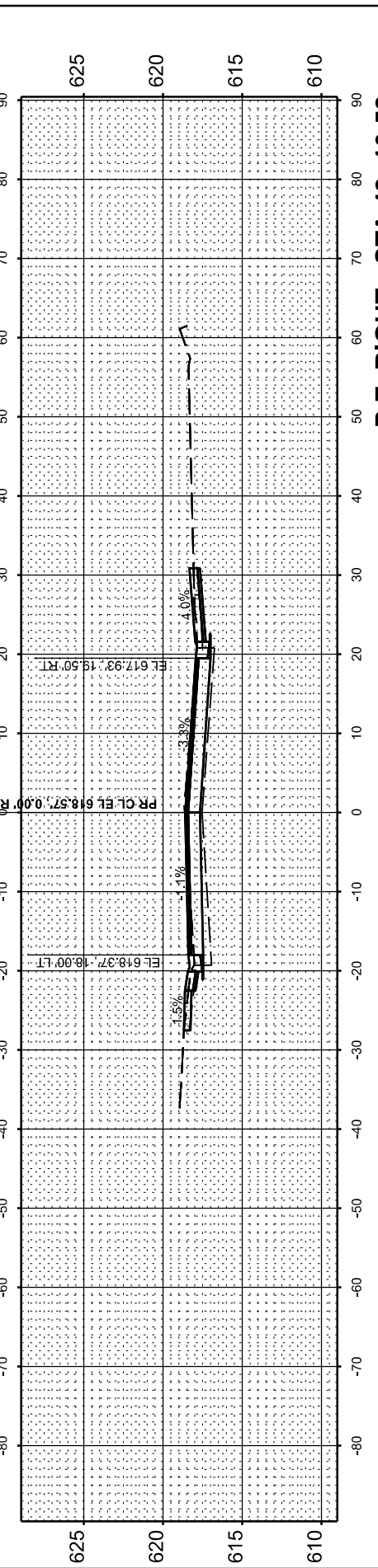
MODEL: P:\CL WESTCROSS_47+50.00 (Sheet) No. 77
 FILE NAME: P:\BES32\PAU 7878 (West Main Cross) Sec (20-00065-00-RS) (CADD Sheets)60-77-D07478-shh-Xsxf\shh.dgn



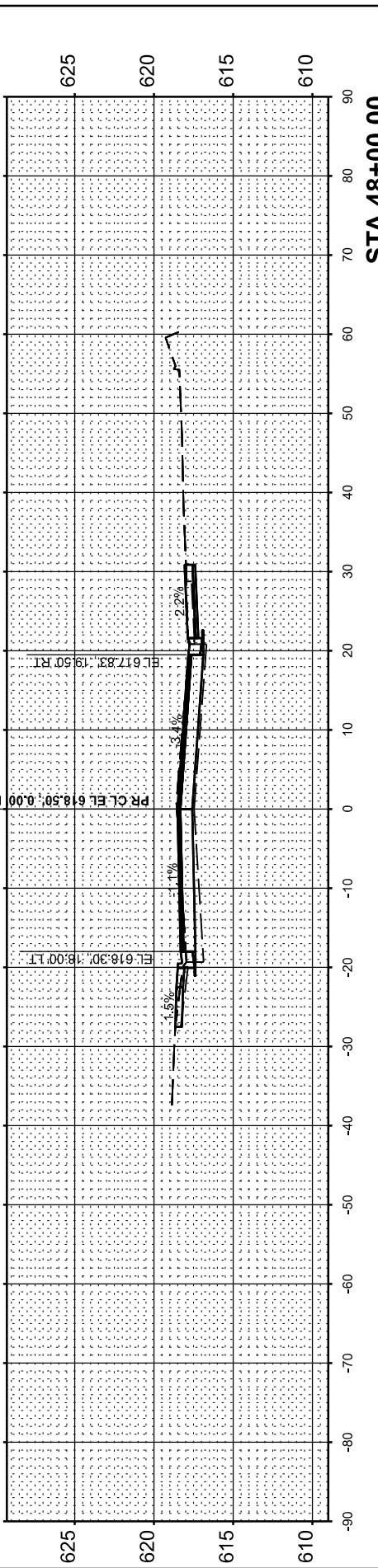
END PROJECT - STA 48+33.51



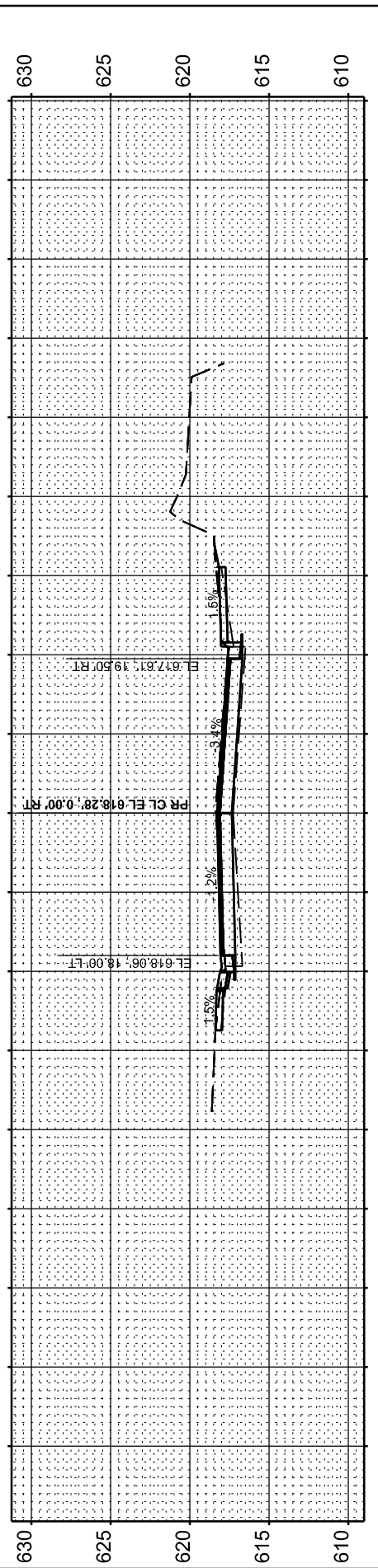
P.E. LEFT - STA 48+24.68



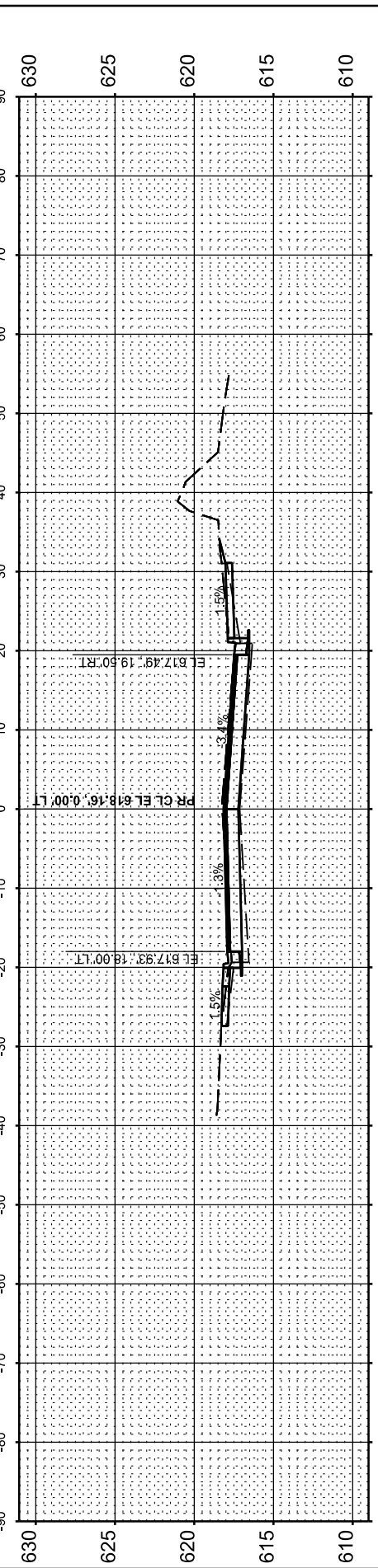
P.E. RIGHT - STA 48+10.52



STA 48+00.00



P.E. LEFT - STA 47+67.76



STA 47+50.00

USER NAME = rshaw	DESIGNED - RDS	REVISED - .
	DRAWN - RDS	REVISED - .
	CHECKED - WJS	REVISED - .
PLOT DATE = 6/10/2025	DATE - JUNE 2025	REVISED - .

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS			
WEST MAIN CROSS ROADWAY IMPROVEMENTS			
SCALE: 1"=10'	SHEET 20	OF 20 SHEETS	STA. 47+50.00 TO STA. 48+33.51

F.A.U. RTE. 7878	SECTION 20-00065-00-RS	COUNTY CHRISTIAN	TOTAL SHEETS 77	SHEET NO. 77
ILLINOIS FED. AID PROJECT				CONTRACT NO. 93841