

06/17/2022 LETTING ITEM 186

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	1
FEO. ROAD DIST. NO 1		ILLINOIS	CONTRACT NO. 61H80	
* 4003 & 4004				

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

TRAFFIC DATA

AOT:
SOUWANAS TRAIL
SCHUETT STREET

2014 TRAFFIC
15,070 VPO
8,870 VPO

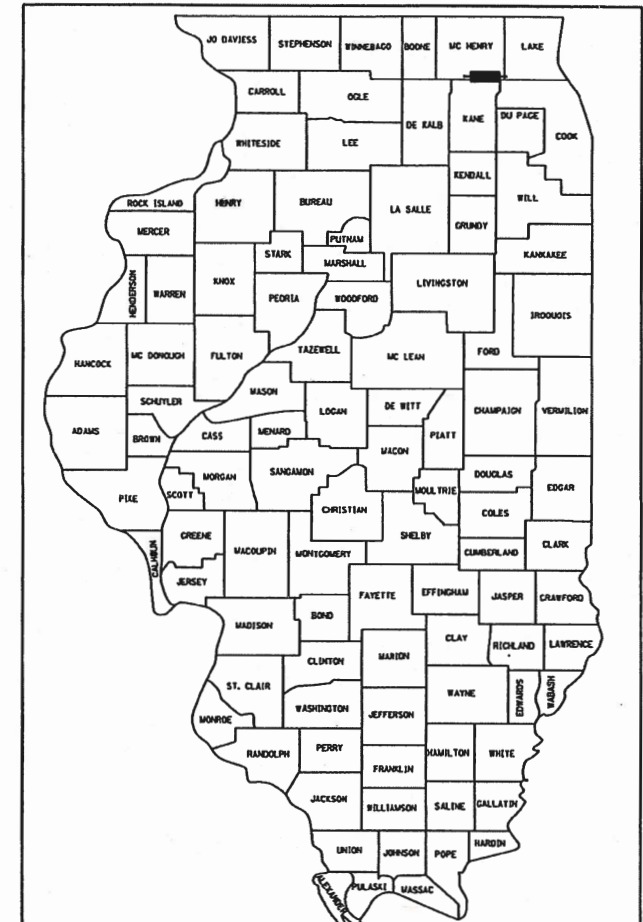
ROADWAY	SPEED POSTED	DESIGN SPEED
SOUWANAS TRAIL SCHUETT STREET	30 MPH 30 MPH	30 MPH 30 MPH

DESIGN DESIGNATION

FAU 4004 (SOUWANAS TRAIL) - MAJOR COLLECTOR
FAU 4003 (SCHUETT STREET) - MINOR COLLECTOR

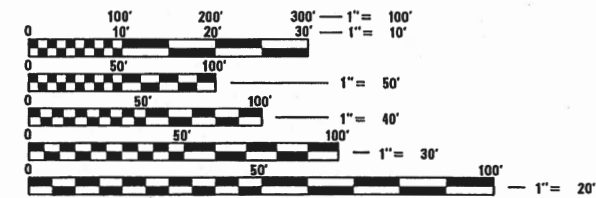
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL-AID HIGHWAY

SOUWANAS TRAIL (FAU 4004)
FROM OCEOLA TRAIL TO SANDBLOOM ROAD
SCHUETT STREET (FAU 4003)
FROM SCOTT STREET TO HUBBARD STREET
RECONSTRUCTION
SECTION: 17-00092-00-PV
PROJECT NO.: 9132(817)
VILLAGE OF ALGONQUIN
MCHENRY COUNTY
C-91-098-22



LOCATION OF SECTION INDICATED THUS: - [shaded box] -

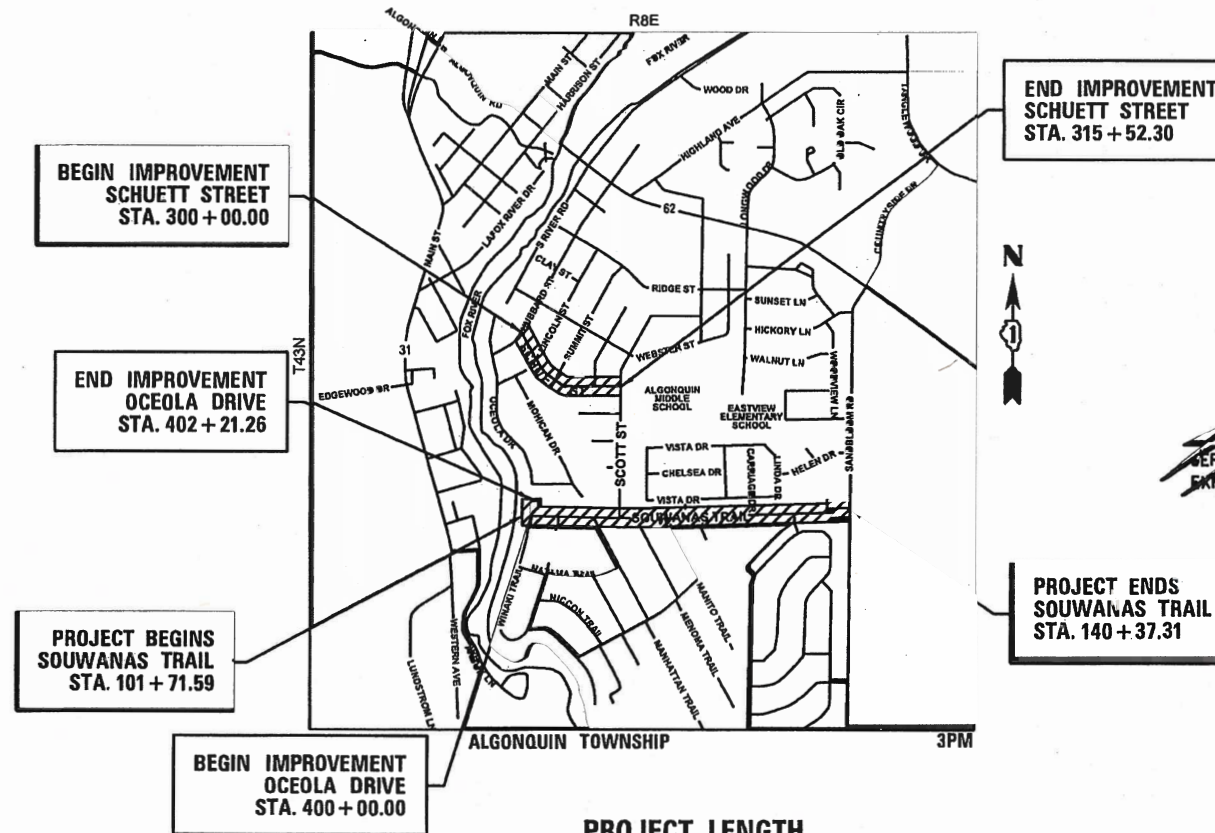
FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZE 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

**PROJECT LOCATION MAP
N.T.S.**



PROJECT LENGTH
NET AND GROSS LENGTH OF PROJECT = 5,621 FT. = 1.07 MILES



SEAL
JEFFREY J. STRZALKA, P.E.
EXPIRES: 11-30-23

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED 03/30/2022 2022
[Signature]
PUBLIC WORKS DIRECTOR, VILLAGE OF ALGONQUIN

PASSED APRIL 14 2022
[Signature]
DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW
APRIL 16 2022
[Signature]
REGIONAL ENGINEER

1391 CORPORATE DRIVE, SUITE 203 | MCHENRY, ILLINOIS 60050
Phone: 815.385.1778 | Toll Free: 800.728.7805 | Fax: 815.385.1781 | HRGreen.com
ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

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

CONTRACT NO. 61H80

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS AND LIST OF HIGHWAY STANDARDS
3	GENERAL NOTES
4 - 16	SUMMARY OF QUANTITIES
17 - 18	TYPICAL SECTIONS
19	ALIGNMENT, TIES AND BENCHMARKS
20 - 23	REMOVAL PLAN
24 - 28	ROADWAY PLAN AND PROFILE
29	SUGGESTED DETOUR PLAN
30 - 32	EROSION CONTROL & RESTORATION PLANS
33 - 35	DRAINAGE AND UTILITY REMOVAL & ADJUSTMENT PLAN
36 - 38	STRUCTURE ADJUSTMENT SCHEDULES
39 - 51	DRAINAGE AND UTILITY PLAN
52 - 57	STORM, SANITARY AND WATER MAIN SCHEDULES
58 - 62	SIDEWALK RAMP DETAILS
63 - 65	CULVERT PLANS
66 - 69	RETAINING WALL PLANS
70	SEGMENTAL BLOCK WALL PLAN
71 - 75	IDOT DISTRICT 1 DETAILS
76 - 78	CONSTRUCTION DETAILS
79 - 85	VILLAGE OF ALGONQUIN DETAILS
86 - 101	CROSS SECTIONS - SOUWANAS TRAIL
102 - 108	CROSS SECTIONS - SCHUETT STREET

VILLAGE STANDARDS

DEPRESSED CORNER FOR SIDEWALKS
 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
 FIRE HYDRANT
 INLET FILTER PROTECTION
 DOMESTIC MAILBOX
 MANHOLE COVER W/LOGO
 VALVE AND VAULT
 B6:12 CURB & GUTTER
 CURB EXPANSION JOINT
 FLARED END SECTION
 RESIDENTIAL APRON
 SANITARY MANHOLE
 SANITARY SERVICE
 SANITARY SERVICE - RISER
 STREET SIGNAGE
 SILTATION CONTROL FENCE
 CATCH BASIN TYPES A & B
 INLET TYPE A
 STORM MANHOLE
 SIDEWALK
 TREE PROTECTION & ROOT PRUNING
 TREE PLANTING
 TRENCH SECTIONS
 TRENCH ADJACENT TO PAVEMENT
 WATER SERVICE
 SANITARY SEWER REPAIR @ CROSSING
 COMMERCIAL/INDUSTRIAL ENTRANCE
 CATCH BASIN TYPE C
 TEMPORARY GANG MAILBOX INSTALLATION
 PRESSURE CONNECTION
 SANITARY DROP MANHOLE
 STORM STRUCTURES AT PIPE UNDERDRAINS
 WATER MAIN LOWERING

GENERAL NOTES CONTINUED..

- CONSTRUCTION WORK MAY BE PERFORMED MONDAY THRU FRIDAY DURING THE HOURS OF 7:00 A.M. TO 7:00 P.M. AND ON WEEKENDS FROM 8:00 A.M. TO 6:00 P.M. NO WORK MAY BE PERFORMED PRIOR OR BEYOND THIS PERIOD WITHOUT PRIOR WRITTEN APPROVAL FROM THE VILLAGE. NO COMPENSATION WILL BE PAID FOR ANY INCONVENIENCE, DELAY, OR LOSS EXPERIENCE BY THE CONTRACTOR BECAUSE OF ADJUSTMENTS TO THEIR NORMAL SCHEDULE.
- WHEN CONDITIONS ARE ENCOUNTERED WHERE THE EXCAVATION FOR STRUCTURE OR PIPE CANNOT BE KEPT FREE OF WATER FOR PROSECUTING THE WORK THE CONTRACTOR SHALL PUMP AND/OR DIVERT WATER TO ACCOMMODATE CONSTRUCTION ACTIVITIES. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STRUCTURE OR PIPE BEING INSTALLED.
- STATE OF ILLINOIS PUBLIC ACT 094-0042 (CONSTRUCTION SITE TEMPORARY RESTROOM FACILITY ACT) STIPULATES THAT THE CONTRACTOR MUST PROVIDE AND MAINTAIN, FOR THEIR WORK FORCE, TEMPORARY RESTROOM FACILITIES. PLEASE REVIEW THIS ACT OR THE MOST RECENT UPDATE TO THE LEGISLATION IN ORDER TO HAVE A CLEAR UNDERSTANDING OF THE PROVISIONS OF THE ACT SUCH AS THE QUANTITY, TYPE, AND APPURTENANCES NECESSARY FOR THE PROJECT. PER THE LANGUAGE OF THE ACT THE VILLAGE HAS THE AUTHORITY TO PENALIZE THE CONTRACTOR IF THE PROVISIONS OF THE ACT ARE NOT FOLLOWED.
- THIS CONTRACT SHALL CONSIST OF THE EXCLUSIVE CONTROL OF DUST RESULTING FROM CONSTRUCTION OPERATIONS AND IS NOT INTENDED FOR USE IN THE COMPACTION OF EARTH EMBANKMENTS, AS SPECIFIED UNDER ARTICLE 107.36 OF THE STANDARD SPECIFICATIONS. DUST SHALL BE CONTROLLED BY THE UNIFORM APPLICATION OF SPRINKLED WATER AND SHALL BE APPLIED ONLY WHEN DIRECTED BY THE ENGINEER, IN A MANNER MEETING HIS APPROVAL. ALL EQUIPMENT USED FOR THIS WORK SHALL MEET THE ENGINEERS APPROVAL AND SHALL BE EQUIPPED WITH ADEQUATE MEASURING DEVICES FOR METERING THE EXACT AMOUNT OF WATER DISCHARGED. THIS WORK SHALL INCLUDE FURNISHING ALL LABOR, WATER AND EQUIPMENT FOR CONTROLLING DUST AS HEREIN SPECIFIED.
- THE CONTRACTOR SHALL OBTAIN A WATER METER FROM THE VILLAGE OF ALGONQUIN TO USE WATER FOR DUST CONTROL, MIXING MORTAR, ETC. THE CONTRACTOR WILL PAY FOR THE QUANTITY OF WATER USED AND WILL NOT BE REIMBURSED FOR THE USE OF VILLAGE WATER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING AND CLEANING STREETS OF ANY DEBRIS AND MATERIAL THAT HAS ACCUMULATED AS A RESULT OF THE CONSTRUCTION ACTIVITY. A MECHANICAL SWEEPER, MECHANICALLY DRIVEN AIR AND HANDWORK WITH SHOVEL AND BROOM SHALL BE UTILIZED TO PROVIDE A CLEAN STREET FOR THE MOTORING PUBLIC. WITHIN 24 HOURS OF PLACING PRIME COAT AND THE LAYING OF HMA, THE CONTRACTOR SHALL SWEEP THE PAVEMENT AND REMOVE STANDING WATER, EARTH, WEEDS, LEAVES, DIRT, CONSTRUCTION DEBRIS, AND ALL LOOSE MATERIAL.

DISTRICT ONE DETAILS

STANDARD NO.	LIST OF DESCRIPTION
BD-07	STORM SEWER CONNECTION TO EXISTING SEWER
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2022. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT THEM TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL ELEVATIONS SHOWN ON THE PLANS ARE ON THE NAVD88 DATUM.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS AND SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE IN THE PORTION REMAINING.
- DRIVEWAYS ARE TO BE CONSTRUCTED TO THE R.O.W. UNLESS OTHERWISE NOTED.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE 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 INCLUDED IN THE COST OF THE ITEM BEING CONSTRUCTED.
- COMBINATION CURB AND GUTTER REMOVAL INCLUDES REMOVAL OF EXISTING COMBINATION CURB AND GUTTER, REGARDLESS OF CURB AND GUTTER TYPE.
- THE ELEVATIONS SHOWN ON THE PLANS ARE FINISHED GRADES OF PROPOSED PAVEMENT, UNLESS OTHERWISE NOTED.
- ALL SIGNS TO BE REMOVED ALONG THE PROJECT SHALL REMAIN THE PROPERTY OF THE VILLAGE OF ALGONQUIN AND SHALL BE RETURNED TO THE VILLAGE UPON REMOVAL.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON VILLAGE PROPERTY WITHOUT WRITTEN CONSENT FROM THE VILLAGE OF ALGONQUIN.

STORM SEWERS, WATER MAINS, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
- THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE OF ALGONQUIN IF ANY UTILITY IMPROVEMENTS ARE REQUIRED BY THE VILLAGE WITHIN THE DURATION OF THE CONTRACT.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE INSTALLATION ADJUSTMENT OR RECONSTRUCTION.
- ALL FRAMES, GRATES, LIDS, HYDRANTS AND BOXES SCHEDULED TO BE REMOVED FROM EXISTING STRUCTURES SHALL REMAIN THE PROPERTY AND BE DELIVERED TO THE VILLAGE OF ALGONQUIN AT 110 MEYER DRIVE, AS APPLICABLE.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS AS PART OF THE STRUCTURE INSTALLATION, ADJUSTMENT OR RECONSTRUCTION.
- ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLE, CATCH BASIN, INLET, VALVE VAULT OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: VILLAGE OF ALGONQUIN : ALL LIDS TO BE USED ON WATER STRUCTURES SHALL BEAR THE WORD "WATER." ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM." ALL LIDS TO BE USED ON SANITARY SYSTEM STRUCTURES SHALL BEAR THE WORD "SANITARY."
- ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 8' IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OR RECONSTRUCTION OF CATCH BASIN, MANHOLE, INLET AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED.
- STORM SEWER REMOVAL AND PIPE CULVERT REMOVAL WILL NOT BE PAID FOR SEPARATELY WHEN THE EXISTING PIPE IS IN THE SAME TRENCH AS THE PROPOSED PIPE.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN AN OPERATING CONDITION, TEMPORARY OUTLETS AND CONNECTIONS FOR ALL DRAINS, SEWERS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES WHICH HAVE THE CAPACITY TO RECEIVE AND DISCHARGE THE STORM WATER FLOW RATES NORMALLY ACCEPTED AND RELEASED BY THE EXISTING DRAINAGE FACILITIES. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- ALL STORM SEWER CLASS A, WATER MAIN REQUIREMENTS, SHALL BE PVC C-909 PIPE WITH WATERTIGHT GASKET MEETING THE REQUIREMENTS OF ASTM C361, WATER MAIN REQUIREMENTS.
- GRATING FOR CONCRETE FLARED END SECTIONS WILL BE REQUIRED ON ALL FLARED END SECTIONS IN ACCORDANCE WITH SECTION 542 OF THE STANDARD SPECIFICATIONS.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS, EXISTING STREAMS, CREEKS, WETLANDS, OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE CONTRACTOR PRIOR TO THE USE OF THE WATER.

STATE STANDARDS

STANDARD NO.	LIST OF DESCRIPTION
442201-03	CLASS C AND D PATCHES
602406-11	PRECAST MANHOLE, TYPE A, 6' DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604036-03	GRATE TYPE 8
604051-04	FRAME AND GRATE TYPE 11
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
878001-11	CONCRETE FOUNDATION DETAILS

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-911-gen02.dgn
 PLOT DATE: 4/26/2022
 PER: TABLE: 10/10/2021



USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, DISTRICT 1 DETAILS, STATE STAN 'DARD' & GEN NOTES		F.A.U. R.T.E.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
SOUWANAS TRAIL & SCHUETT STREET		•	17-00092-00-PV	MCHENRY	108	2
SCALE: NTS	SHEET 1 OF 2 SHEETS	STA.	4003, 4004	CONTRACT NO.	61H80	
		TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

GENERAL NOTES CONTINUED...

BACKFILL

- STORM SEWERS, SANITARY SEWERS AND WATER MAINS SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY.
- PROVIDE TRENCH BACKFILL FOR ALL UTILITY LINES WITHIN 2' OF PAVED AREAS. ALL TRENCH BACKFILL QUANTITIES FOR STORM SEWER AND PIPE CULVERTS HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON PIPE SIZE AND INVERT DEPTH FROM SUBGRADE.
- TRENCH BACKFILL MATERIAL SHALL CONSIST OF CA-6 CRUSHED STONE OR CRUSHED AGGREGATE.
- TRENCH BACKFILL REQUIRED IN EXCESS OF THE QUANTITY ESTABLISHED IN THE UTILITY SCHEDULES, INCLUDING BEDDING HAUNCHING AND INITIAL BACKFILL MATERIAL, SHALL BE CONSIDERED INCLUDED FOR TRENCH BACKFILL.
- THE CONTRACTOR SHALL FILL THE HOLES CREATED BY THE REMOVAL OF THE DRIVEWAY PAVEMENT WHERE NEW STORM SEWER, SANITARY SEWER OR WATER MAIN HAVE BEEN INSTALLED WITH AGGREGATE BASE COURSE (CA-6) CRUSHED SO THAT THE RESIDENTS CAN USE THEIR DRIVEWAYS UNTIL THE START OF DRIVEWAY REPLACEMENT. THE AGGREGATE BASE COURSE ABOVE THE TRENCH WILL BE TRENCH BACKFILL.
- TRENCH BACKFILL IS REQUIRED TO FILL AREAS OF STORM SEWER OR WATER MAIN REMOVAL WHERE THERE IS NO REPLACEMENT.

SIGNING AND STRIPING

- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED.
- LONGER POSTS MAY BE REQUIRED AT SOME TEMPORARY OR PERMANENT SIGN LOCATIONS TO MAINTAIN PROPER SIGN ELEVATIONS. THIS WORK SHALL BE COMPLETED IN ACCORDANCE WITH SECTION 729 OF THE STANDARD SPECIFICATIONS.
- ALL SIGNS SHALL BE INSTALLED IN PERMANENT LOCATIONS AS THE ROADWAY IS COMPLETED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSTING 'FRESH OIL' SIGNS (48"x48" MINIMUM) AS NEEDED FOR THE PROJECT. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY SIGNS IN THE PARKWAY TWENTY-FOUR (24) HOURS PRIOR TO STARTING WORK ON EACH STREET. THE SIGNS SHALL READ 'FRESH OIL, TRAVEL AT YOUR OWN RISK.' THE CONTRACTOR SHALL REMOVE THE SIGNS AND REINSTALL THEM AS NEEDED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING VEHICLES OFF THE STREETS AS NEEDED FOR THE PROJECT. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY SIGNS IN THE PARKWAY TWENTY-FOUR (24) HOURS PRIOR TO STARTING WORK ON EACH STREET. THE SIGNS SHALL READ 'NO PARKING, 7:00 AM - 7:00 PM' AND STATE THE DAY OR DAYS OF THE WEEK WORK WILL BE DONE. IMMEDIATELY FOLLOWING EACH STAGE OF WORK ON EACH STREET, THE CONTRACTOR SHALL REMOVE THE SIGNS AND REINSTALL THEM AS NEEDED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSTING ROAD CONSTRUCTION AHEAD SIGNS (48" X 48" MINIMUM) AS NEEDED FOR THE PROJECT. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY SIGNS IN THE PARKWAY SEVENTY-TWO (72) HOURS PRIOR TO BEGINNING WORK IN A PARTICULAR AREA. THE CONTRACTOR SHALL REMOVE THE SIGNS AND REINSTALL THEM AS NEEDED.
- ALL SIGNS TO BE REMOVED ALONG THE PROJECT SHALL REMAIN THE PROPERTY OF THE VILLAGE OF ALGONQUIN AND SHALL BE RETURNED TO THE VILLAGE UPON REMOVAL.

CURB AND GUTTER

- THE MINIMUM GUTTER FLAG DEPTH OF THE NEW GUTTER WILL BE NINE INCHES (9') REGARDLESS OF THE SIZE AND TYPE OF THE EXISTING CURB AND GUTTER.
- INSTALL 2-10" #5 REINFORCING BARS CENTERED ON ALL TRENCH CROSSINGS.
- EXPANSION JOINTS SHALL BE CONSTRUCTED ACCORDING TO THE CURB EXPANSION DETAIL, AT EVERY SIXTY FEET (60') AND AT POINTS OF TANGENCY TO RADII.
- WHERE NEW CURB AND GUTTER MEETS EXISTING CURB AND GUTTER TO REMAIN, THE GUTTERS SHALL BE CONNECTED WITH TWO 5/8" DIAMETER REINFORCING BARS, TWELVE INCHES (12") LONG. HOLES 5/8" IN DIAMETER SHALL BE DRILLED SIX INCHES (6") INTO THE EXISTING CONCRETE CURB AND GUTTER PRIOR TO DRIVING REINFORCING BARS INTO PLACE.
- CONSTRUCTION JOINTS SHALL BE SAWCUT EVERY TEN FEET (10') MAXIMUM, TO A DEPTH OF A HALF INCH.
- ALL CURBS SHALL HAVE A MINIMUM OF FOUR INCHES (4") OF COMPACTED GRADE 9.
- VISUAL INSPECTION OF STRING LINE OR FORMS SHALL BE CONDUCTED PRIOR TO THE INSTALLATION OF ANY CONCRETE UPON TWENTY-FOUR (24) HOURS NOTICE FROM THE CONTRACTOR. THE CONTRACTOR WILL NOT BE PERMITTED TO COVER THE LAYER BEING REVIEWED UNTIL WRITTEN NOTICE HAS BEEN RECEIVED FROM THE ENGINEER. SEGMENTS OF CURB CONSTRUCTION MAY BE SEQUENCED APPROPRIATELY TO PERMIT CONTINUOUS CONSTRUCTION OPERATIONS.

SIDEWALKS

- VISUAL INSPECTION OF STRING LINE OR FORMS SHALL BE CONDUCTED PRIOR TO THE INSTALLATION OF ANY CONCRETE UPON TWENTY-FOUR (24) HOURS NOTICE FROM THE CONTRACTOR. THE CONTRACTOR WILL NOT BE PERMITTED TO COVER THE LAYER BEING REVIEWED UNTIL WRITTEN NOTICE HAS BEEN RECEIVED FROM THE ENGINEER. SEGMENTS OF SIDEWALK CONSTRUCTION MAY BE SEQUENCED APPROPRIATELY TO PERMIT CONTINUOUS CONSTRUCTION OPERATIONS.
- A FULL LUMBER SETUP WILL BE REQUIRED.
- PCC SIDEWALK 5-INCH SHALL BE A MINIMUM OF 4-INCHES THICK, AND INCREASED TO 6-INCHES ACROSS RESIDENTIAL DRIVEWAYS, AND 8-INCHES ACROSS THE WATER TREATMENT PLANT ENTRANCES.

EARTHWORK

- THE ENGINEER WILL COMPLETE A STRING-LINE REVIEW OF THE STABILIZED SUBBASE UPON TWENTY-FOUR (24) HOURS NOTICE FROM THE CONTRACTOR. THE CONTRACTOR WILL NOT BE PERMITTED TO COVER THE LAYER BEING REVIEWED UNTIL WRITTEN NOTICE HAS BEEN RECEIVED FROM THE ENGINEER. SEGMENTS OF ROAD CONSTRUCTION MAY BE SEQUENCED APPROPRIATELY TO PERMIT CONTINUOUS CONSTRUCTION OPERATIONS.

- FOLLOWING ACCEPTANCE OF THE STRING-LINE REVIEW BY THE ENGINEER, THE CONTRACTOR SHALL PERFORM A PROOF ROLL OF THE STABILIZED SUBBASE WITH A LOADED SIX-WHEELER IN THE PRESENCE OF THE ENGINEER AND THE VILLAGE. A WEIGHT TICKET WILL BE REQUIRED. THE PROOF ROLL CANNOT BE SCHEDULED WHEN THERE IS GREATER THAN A TWENTY FIVE PERCENT (25%) CHANCE OF RAIN IN THE FORECAST FOR THE SUBSEQUENT FORTY-EIGHT (48) HOURS AFTER THE PROOF ROLL IN ORDER TO PERMIT THE CONTRACTOR ENOUGH TIME TO TAKE ANY NOTED REMEDIAL ACTION.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- IN ACCORDANCE WITH APPENDIX B.5 OF IDOT'S GEOTECHNICAL MANUAL, THE CONTRACTOR WILL BE REQUIRED TO SUBMIT A REPORT TO THE IDOT GEOTECHNICAL UNIT SPECIFYING THE TEST RESULTS AND MIX DESIGN CRITERIA FOR THE APPLICATION AND MIXING OF CEMENT STABILIZATION. THE CONTRACTOR MAY PROCEED WITH THE WORK UPON CONCURRENCE FROM IDOT.

PAVING

- LONGITUDINAL CONSTRUCTION JOINTS WILL NOT BE PERMITTED.
- TRANSVERSE CONSTRUCTION JOINTS WILL BE ALLOWED DURING PAVING PROVIDED THE CONTRACTOR COMPLETE A SAWCUT AT LEAST SIX INCHES INTO THE ADJACENT MAT AT THE START OF PAVING THE FOLLOWING DAY.
- CONSTRUCTION JOINTS THAT SIT OVERNIGHT WILL REQUIRE CRACK ROUTING AND SEALING UPON COMPLETION OF SURFACE COURSE CONSTRUCTION. JOINT SEALANT SHALL MEET THE REQUIREMENTS OF ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.

SEDIMENTATION AND EROSION CONTROL

- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.
- SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR. DEVELOPMENT SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
- STABILIZATION BY SEEDING SHALL INCLUDE TOPSOIL PLACEMENT AND FERTILIZATION, AS NECESSARY.
- NATIVE SEED MIXTURES SHALL INCLUDE RAPID-GROWING ANNUAL GRASSES OR SMALL GRAINS TO PROVIDE INITIAL, TEMPORARY SOIL STABILIZATION.
- OFFSITE PROPERTY SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT CONCENTRATED DISCHARGE LOCATIONS ALONG THE LENGTH OF ANY OUTFALL CHANNEL, AS NECESSARY TO PREVENT EROSION.
- SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE DISTURBANCE OF TRIBUTARY AREAS.
- STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE, OR TEMPORARY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT NO LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION WORK IN THE AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS INSTANCES WHEN THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE AND IN AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD MAY BE USED.
- DISTURBANCE OF STEEP SLOPES SHALL BE MINIMIZED. AREAS OR EMBANKMENTS HAVING SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH STAKING IN PLACE SOD, EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING, OR EQUIVALENT CONTROL MEASURE.
- PERIMETER CONTROL MEASURES SHALL BE PROVIDED DOWNSLOPE AND PERPENDICULAR TO THE FLOW OF RUNOFF FROM DISTURBED AREAS, WHERE THE TRIBUTARY AREA IS GREATER THAN 5,000 SQUARE FEET, AND WHERE RUNOFF WILL FLOW IN A SHEET FLOW MANNER. PERIMETER EROSION CONTROL SHALL ALSO BE PROVIDED AT THE BASE OF SOIL STOCKPILES.
- THE DRAINAGE SYSTEM SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION DOWNSLOPE FROM DISTURBED AREAS. INLET PROTECTION THAT REDUCES SEDIMENT LOADING, WHILE ALLOWING RUNOFF TO ENTER THE INLET SHALL BE REQUIRED FOR ALL STORM SEWER, CHECK DAMS, OR AN EQUIVALENT CONTROL MEASURE, SHALL BE REQUIRED FOR ALL CHANNELS. FILTER FABRIC INLET PROTECTION AND STRAW BALE DITCH CHECKS ARE NOT ACCEPTABLE CONTROL MEASURES.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE Routed THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G., SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURES). THE ENGINEER AND THE WILL COUNTY SOIL AND WATER CONSERVATION DISTRICT SHALL BE NOTIFIED PRIOR TO THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- STOCKPILED SOIL AND MATERIALS SHALL BE REMOVED FROM FLOOD HAZARD AREAS AT THE END OF EACH WORK DAY. SOIL AND MATERIALS STOCKPILED IN IVMC OR BUFFER AREAS SHALL BE PLACED ON TIMBER MATS, OR AN EQUIVALENT CONTROL MEASURE.
- EFFECTIVE CONTROL MEASURES SHALL BE UTILIZED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THE DEVELOPMENT SITE. AT A MINIMUM, CONTROL MEASURES SHALL BE IMPLEMENTED IN ORDER TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATER. MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, VEHICLE FLUIDS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON THE DEVELOPMENT SITE TO PRECIPITATION AND TO STORMWATER.
- ADEQUATE RECEPTACLES SHALL BE PROVIDED FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OR CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL OR IVMC. THE DEVELOPMENT SITE SHALL BE MAINTAINED FREE OF CONSTRUCTION MATERIAL DEBRIS.

- A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURES) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION-SITE OF A MAJOR DEVELOPMENT TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET ALLEY, OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE SCRAPED OR STREET CLEANED AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.
- DRAIN TILE SYSTEMS DISTURBED DURING DEVELOPMENT MUST BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE UNLESS THE APPROVED ENGINEERING PLANS INDICATE HOW THE DRAIN TILE SYSTEM IS TO BE CONNECTED TO THE PROPOSED STORMWATER MANAGEMENT SYSTEM.
- ALL ABANDONED DRAIN TILES SHALL BE REMOVED IN THEIR ENTIRETY WITHIN THE EXISTING ROW AND/OR EASEMENT.
- DRAIN TILES WITHIN THE DISTURBED AREA OF THE DEVELOPMENT SHALL BE REPLACED, BYPASSED AROUND THE DEVELOPMENT OR INTERCEPTED AND CONNECTED TO THE DRAINAGE SYSTEM FOR THE DEVELOPMENT. THE SIZE OF THE REPLACED OR BYPASSED DRAIN TILE SHALL BE EQUIVALENT TO THE EXISTING DRAIN TILE.

LANDSCAPING

- TREES TO BE PROTECTED DURING CONSTRUCTION WILL BE IDENTIFIED BY THE ENGINEER AND RECEIVE PROTECTION IN ACCORDANCE WITH THE DETAILS PROVIDED IN THE PLANS.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL PLANT MATERIAL WITH THE INSTALLATION OF OTHER IMPROVEMENTS SUCH AS HARDSCAPE ELEMENTS AND RELATED STRUCTURES. ANY DAMAGE TO EXISTING IMPROVEMENTS IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL STAKE ALL TREE LOCATIONS PRIOR TO INSTALLATION AND CONTACT THE RESIDENT ENGINEER AND VILLAGE FOR APPROVAL. FINAL LOCATION AND STAKING OF ALL PLANT MATERIALS SHALL BE APPROVED BY THE RESIDENT ENGINEER AND VILLAGE IN ADVANCE OF PLANTING. IF CONFLICTS ARISE BETWEEN THE SIZE OF AREAS AND PLANS, THE CONTRACTOR IS REQUIRED TO CONTACT THE RESIDENT ENGINEER FOR RESOLUTION PRIOR TO INSTALLATION.
- ALL PLANTS SHALL BE NURSERY GROWN PLANTS MEETING AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (ANLA) STANDARDS SET FORTH IN THE 'AMERICAN STANDARD FOR NURSERY STOCK' (ANSI Z60.1-2004). PLANTS ARE TO BE TYPICAL IN SHAPE AND SIZE FOR SPECIES. PLANTS PLANTED IN ROWS OR GROUPS SHALL BE MATCHED IN FORM. PLANTS SHALL NOT BE ROOT-BOUND OR LOOSE IN THEIR CONTAINERS. HANDLE ALL PLANTS WITH CARE IN TRANSPORTING, PLANTING AND MAINTENANCE UNTIL INSPECTION AND FINAL ACCEPTANCE.

SEQUENCE OF CONSTRUCTION

- THE FOLLOWING IS A SUGGESTED SEQUENCE OF CONSTRUCTION. THE CONTRACTOR WILL BE ALLOWED TO MODIFY THE PROPOSED SEQUENCE PROVIDED ACCESS TO THE RESIDENTS IS AVAILABLE AT THE END OF EACH DAY.
- THE CONTRACTOR SHALL PERFORM HIS WORK IN A MANNER CAUSING MINIMAL INCONVENIENCE TO THE RESIDENTS AND MOTORING PUBLIC. ON STREETS WHERE CURB AND GUTTER IS TO BE CONSTRUCTED, STORM SEWER INSTALLED, SANITARY SEWERS INSTALLED, WATER MAIN INSTALLED, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE SIDE OF THE STREET ONLY. ONCE THE CURB AND GUTTER AND/OR UTILITY IS COMPLETE, THE CONTRACTOR MAY MOVE TO THE OTHER SIDE OF THE STREET TO START THE CURB AND GUTTER AND UTILITY CONSTRUCTION.
- THE CONTRACTORS SUPERINTENDENT AND THE RESIDENT ENGINEER WILL BE REQUIRED TO WORK TOGETHER WITH THE AFFECTED RESIDENTS IN PLANNING THEIR CONSTRUCTION SCHEDULE SO AS TO MINIMIZE THE INCONVENIENCE AND MAINTAIN A REASONABLE LEVEL OF CONSTRUCTION EFFICIENCY. THE RESIDENT ENGINEER AND/OR THE VILLAGE RESERVE THE RIGHT TO RESTRICT WORK ON A PAVEMENT SEGMENT IF CONSTRUCTION OPERATIONS IN OTHER CONSTRUCTION ZONES ARE UNACCEPTABLE.
- AT THE PRECONSTRUCTION MEETING, THE CONTRACTOR SHALL FURNISH THE NAME AND TELEPHONE NUMBER WHERE HE MAY BE REACHED DURING NON-WORKING HOURS OF THE INDIVIDUAL IN HIS DIRECT EMPLOY THAT IS TO BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE TRAFFIC CONTROL OF THIS PROJECT. IF THE ACTUAL INSTALLATION AND MAINTENANCE ARE TO BE ACCOMPLISHED BY A SUBCONTRACTOR, CONSENT SHALL BE REQUESTED OF THE ENGINEER AT THE TIME OF THE PRECONSTRUCTION MEETING IN ACCORDANCE WITH ARTICLE 108.01 OF THE STANDARD SPECIFICATIONS. THIS SHALL NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS TO HAVE A RESPONSIBLE INDIVIDUAL IN HIS DIRECT EMPLOY SUPERVISE THIS WORK.
- IT WILL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY RESIDENTS AND THE VILLAGE WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CONCRETE CURB AND GUTTER CONSTRUCTION OR UTILITIES ARE TO BE INSTALLED ACROSS A DRIVEWAY. THE CONTRACTOR SHALL CONTACT THE HOMEOWNER 48 HOURS PRIOR TO REMOVING THE PAVEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES (KNOCK ON DOORS WHEN A DRIVEWAY IS ABOUT TO BE CLOSED).
- THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE A DRIVEWAY FOR MORE THAN 72 HOURS UNDER ANY CIRCUMSTANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING BARRICADES TO PREVENT TRAFFIC FROM USING DRIVEWAYS DURING THIS PERIOD. ACCESS TO DRIVEWAYS AND STREET PARKING WILL BE RESTRICTED TO ONE SIDE OF THE STREET AT A TIME.
- THE CONTRACTOR WILL BE REQUIRED TO COMMENCE PROCESSING SOIL-CEMENT BASE COURSE ON EACH ROADWAY WITHIN THREE (3) CALENDAR DAYS UPON COMPLETION OF HOT-MIX ASPHALT SURFACE REMOVAL ON EACH STREET.
- THE CONTRACTOR WILL BE REQUIRED TO COMMENCE INSTALLATION OF THE HMA BINDER COURSE ON EACH ROADWAY WITHIN FIVE (5) CALENDAR DAYS UPON COMPLETION OF CEMENT STABILIZATION ON EACH STREET.

COMMITMENTS

- PROCESSING SOIL CEMENT BASE COURSE OPERATIONS MUST FOLLOW STEPS OUTLINED IN APPENDIX B.5 OF IDOT'S GEOTECHNICAL MANUAL WHICH INCLUDES THE CONTRACTOR MUST PREPARE AND SUBMIT A REPORT SPECIFYING TEST RESULTS, MIX DESIGN CRITERIA, ETC., TO IDOT'S GEOTECHNICAL UNIT FOR REVIEW AND APPROVAL.
- THE PRECAST 3-SIDED CULVERT SHOULD BE CONSTRUCTED FROM THE ROADWAY PAVEMENT. CONTRACTOR NOT DISTURB THE CREEK OUTSIDE OF THE SOUWANAS TRAIL ROW.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES
SOUWANAS TRAIL & SCHUETT STREET**

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	3
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO.	61H80

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

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		DRAWN - DMS	REVISED -
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	PLOT DATE = 4/26/2022	DATE -	REVISED -

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-S17-gen02.dgn
 PEN TABLE: PLOTTABLE.tbl
 #184-001322
 HRGreen.com
 Illinois Professional Design Firm

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100% 0043	SANITARY LOCAL - 100% 0043
† 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	398	398		
† 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	702	702		
20101000	TEMPORARY FENCE	FOOT	1,725.0	1,725.0		
• † 20101200	TREE ROOT PRUNING	EACH	5	5		
† 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	5	5		
† 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	5	5		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,540	2,540		
20400800	FURNISHED EXCAVATION	CU YD	50	50		
20800150	TRENCH BACKFILL	CU YD	7,805	7,805		
20900110	POROUS GRANULAR BACKFILL	CU YD	3	3		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	332.0	332.0		
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	16,800.0	16,800.0		
† 25000110	SEEDING, CLASS 1A	ACRE	3.50	3.50		

* SPECIAL PROVISION
+ SPECIALTY ITEM

HRC PROJECT NO. 17425
HRC PROJ. CONTACT:
FILE NAME: 17425-sh-sum01.dgn
PLOT DRIVER: hrc.plt
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SOUWANAS TRAIL & SCHUETT STREET			
SCALE: NTS	SHEET 1	OF 13 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
•	17-00092-00-PV	MCHENRY	108	4
• 4003, 4004	CONTRACT NO. 61H80			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100% 0043	SANITARY LOCAL - 100% 0043
† 25000310	SEEDING, CLASS 4	ACRE	0.25	0.25		
† 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	320	320		
† 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	320	320		
• † 25200200	SUPPLEMENTAL WATERING	UNIT	3.0	3.0		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	350	350		
28000305	TEMPORARY DITCH CHECKS	FOOT	200.0	200.0		
28000400	PERIMETER EROSION BARRIER	FOOT	5,915.0	5,915.0		
28000510	INLET FILTERS	EACH	61	61		
28100209	STONE RIPRAP, CLASS A5	TON	498	498		
28200200	FILTER FABRIC	SQ YD	72.0	72.0		
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	110	110		
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	155.0	155.0		
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,140.0	1,140.0		

* SPECIAL PROVISION
+ SPECIALTY ITEM

HRC PROJECT NO. 17425
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SOUWANAS TRAIL & SCHUETT STREET	
SCALE: NTS	SHEET 2 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	5
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 61H80	

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100% 0043	SANITARY LOCAL - 100% 0043
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	5,204.0	5,204.0		
† 35200420	PROCESSING SOIL CEMENT BASE COURSE, 12 INCH	SQ YD	16,560.0	16,560.0		
† 35200500	CEMENT	100 WT	155	155		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3,617	3,617		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	306.0	306.0		
* 40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2,385	2,385		
* 40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,460	1,460		
* 42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	1,140.0	1,140.0		
* 42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	27,470.0	27,470.0		
* 42400800	DETECTABLE WARNINGS	SQ FT	330.0	330.0		
44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	16,560.0	16,560.0		
* 44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,160.0	1,160.0		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	8,805.0	8,805.0		

* SPECIAL PROVISION
+ SPECIALTY ITEM

HRC PROJECT NO. 17425
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SOUWANAS TRAIL & SCHUETT STREET			
SCALE: NTS	SHEET 3	OF 13 SHEETS	STA. TO STA.

F.A.J. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	6
* 4003, 4004		CONTRACT NO. 61H80		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100% 0043	SANITARY LOCAL - 100% 0043
44000600	SIDEWALK REMOVAL	SQ FT	7,930.0	7,930.0		
50105220	PIPE CULVERT REMOVAL	FOOT	510.0	510.0		
50200100	STRUCTURE EXCAVATION	CU YD	462	462		
50300225	CONCRETE STRUCTURES	CU YD	25	25		
50300285	FORM LINER TEXTURED SURFACE	SQ FT	1,006.0	1,006.0		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1,990	1,990		
52200800	SEGMENTAL CONCRETE BLOCK WALL	SQ FT	752.0	752.0		
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2		
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	1	1		
54214527	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 42"	EACH	1	1		
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	921.0	921.0		
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	238.0	238.0		
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	564.0	564.0		

* SPECIAL PROVISION
+ SPECIALTY ITEM

HRC PROJECT NO. 17425
 HRC PROJ. CONTACT
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

SCALE: NTS SHEET 4 OF 13 SHEETS STA. TO STA.

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100% 0043	SANITARY LOCAL - 100% 0043
550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	826.0	826.0		
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	7.0	7.0		
55100400	STORM SEWER REMOVAL 10"	FOOT	15.0	15.0		
55100500	STORM SEWER REMOVAL 12"	FOOT	715.0	715.0		
55100700	STORM SEWER REMOVAL 15"	FOOT	505.0	505.0		
55100900	STORM SEWER REMOVAL 18"	FOOT	405.0	405.0		
55101900	STORM SEWER REMOVAL 48"	FOOT	75.0	75.0		
* † 56101150	DUCTILE IRON WATER MAIN REDUCER, 8" X 6"	EACH	3		3.0	
* † 56101156	DUCTILE IRON WATER MAIN REDUCER, 10" X 8"	EACH	1		1.0	
* † 56103000	DUCTILE IRON WATER MAIN, 6"	FOOT	135.0		135.0	
* † 56103100	DUCTILE IRON WATER MAIN, 8"	FOOT	1,989.0		1,989.0	
* † 56103200	DUCTILE IRON WATER MAIN, 10"	FOOT	1,206.0		1,206.0	
* † 56103300	DUCTILE IRON WATER MAIN, 12"	FOOT	25.0		25.0	

* SPECIAL PROVISION
† SPECIALTY ITEM

HRC PROJECT NO. 17425
 HRC PROJ. CONTACT
 FILE NAME: 17425-sht-summ01.dgn
 PLOT DRIVER: A:\pdf_driver19
 PER TABLE: 001010b17b1



USER NAME = jstrzel	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 2.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES		
SOUWANAS TRAIL & SCHUETT STREET		
SCALE: NTS	SHEET 5 OF 13 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100%	SANITARY LOCAL - 100%
* + 56105000	WATER VALVES 8"	EACH	11		11	
* + 56105100	WATER VALVES 10"	EACH	3		3	
* + 56400500	FIRE HYDRANTS TO BE REMOVED	EACH	3		3	
* + 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	4		4	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	2.0	2.0		
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	315	315		
60108106	PIPE UNDERDRAINS, TYPE 1, 6"	FOOT	700	700		
* 60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	4	4		
* 60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	2		
* 60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	15	15		
* 60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1		
* 60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1		
* 60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1		

* SPECIAL PROVISION
+ SPECIALTY ITEM

IBC PROJECT NO. 17425
 HQ PROJ. CIVIL
 FILE NAME: 17425-01-1-supp.dgn
 PLOT DRIVER: E:\ppl\lucifer\p
 PEN TABLE: pib\hobbit.tbl



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USER NAME = jstznl	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
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PLOT DATE = 5/5/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SOUWANAS TRAIL & SCHUETT STREET	
SCALE: NTS	SHEET 6 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
•	17-00092-00-FV	MCHENRY	108	9
• 4003, 4004	CONTRACT NO. 61H80			
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100% 0043	SANITARY LOCAL - 100% 0043
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	6	6		
60219300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1		
60221700	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	6	6		
60222000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1		
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1		
60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	1		
60224458	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 8 GRATE	EACH	1	1		
60224459	MANHOLES, TYPE A, 8'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3		
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	4	4		
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	22	22		
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11		11.0	
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		3.0	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1		

* SPECIAL PROVISION
+ SPECIALTY ITEM

IRC PROJECT NO. 17425
 IRC PROJ. CONTACT
 FILE NAME: 17425-shr-sumtbl.dgn
 PLOT DRIVER: L:\pdf_driver\l1
 PEN TABLE: plottbl.tbl



USER NAME = jsr-zel	DESIGNED - JS	REVISED -
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PLOT DATE = 4/26/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS
4003, 4004	17-00092-00-PV	MCHENRY	108
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			SHEET NO. 10

SCALE: NTS SHEET 7 OF 13 SHEETS STA. TO STA. CONTRACT NO. 61H80

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100% 0043	SANITARY LOCAL - 100% 0043
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1		
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3	3		
60260100	INLETS TO BE ADJUSTED	EACH	1	1		
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1	1		
60402210	GRATES, TYPE 8	EACH	1	1		
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	36	36		
60500040	REMOVING MANHOLES	EACH	8	8		
60500050	REMOVING CATCH BASINS	EACH	2	2		
60500060	REMOVING INLETS	EACH	19	19		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	8,232.0	8,232.0		
63200310	GUARDRAIL REMOVAL	FOOT	260.0	260.0		
67100100	MOBILIZATION	L SUM	1	1		
+ 70106800	CHANGEABLE MESSAGE SIGN	CAL MO	18	18		

* SPECIAL PROVISION
+ SPECIALTY ITEM

HRC PROJECT NO. 17425
 HRC PROJ. CONTACT:
 FILE NAME: 17425-hrc-sum04.dgn
 PLOT DRIVER: L.plt
 PEN TABLE: plotfndtbl.tbl



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	DRAWN - DMS	REVISED -
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PLOT DATE = 4/26/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SOUWANAS TRAIL & SCHUETT STREET	
SCALE: NTS	SHEET B OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	11
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100% 0043	SANITARY LOCAL - 100% 0043
† 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	670.0	670.0		
† 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	330.0	330.0		
† 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	135.0	135.0		
† A2003120	TREE, CELTIS OCCIDENTALIS WINDY CITY (WINDY CITY HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	6	6		
† A2006716	TREE, QUERCUS MACROCARPA (BUR OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	6	6		
† B0001716	TREE, AMELANCHIER X GRANDIFLORA APPLE, (APPLE SERVICEBERRY), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5	5		
† B2006116	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	6		
▪ † K1005481	SHREDDED BARK MULCH 3"	SO YD	100.0	100.0		
▪ X0100003	CLEARING AND GRUBBING	SO YD	940.0	940.0		
▪ X0322936	REMOVE EXISTING FLARED END SECTION	EACH	6	6		
▪ † X0323449	REMOVE EXISTING WATER VALVE	EACH	7		7	
† X0326713	SANITARY SEWER CONNECTION	EACH	6			6
▪ X0326806	WASHOUT BASIN	L SUM	1	1		

* SPECIAL PROVISION
† SPECIALTY ITEM

HRC PROJECT NO. 17425
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FILE NAME: 17425-hrc-sundog
PLOT DRIVER: L:\pdf_bwp\p1c1g
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USER NAME = jstrzol	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 2.0000' / 1" =	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES		
SOUWANAS TRAIL & SCHUETT STREET		
SCALE: NTS	SHEET 9 OF 13 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
•	17-00092-00-PV	MCHENRY	108	12
• 4003, 4004	CONTRACT NO. 61H80			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100%	SANITARY LOCAL - 100%
* X0327576	TEMPORARY PATCHING	SQ YD	1,000.0	1,000.0		
+ X0327747	WATER MAIN ENCASEMENT	FOOT	180.0		180.0	
+ X0840000	SANITARY SEWER REMOVAL 8"	FOOT	35.0			35.0
* X0900064	MEMBRANE WATERPOOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	144.0	144.0		
* X1200274	TEMPORARY BYPASS PUMPING SYSTEM	L SUM	1	1		
* X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	500.0	500.0		
* + X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	16,800.0	16,800.0		
* X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	43.0	43.0		
* X4023000	TEMPORARY ACCESS (ROAD)	EACH	16.0	16.0		
* X5030290	STAINING CONCRETE STRUCTURES	SQ FT	1,006.0	1,006.0		
* + X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	2,850		2,850	
* + X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	1,647.0		1,647.0	
* + X5610706	WATER MAIN REMOVAL, 6"	FOOT	205.0		205.0	

* SPECIAL PROVISION
+ SPECIALTY ITEM

HRG PROJECT NO. 17425
 PLOT DRIVER: jst/raal
 PEN TABLE: p19f0001.tbl



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USER NAME = jst/raal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 2.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 5/5/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SOUWANAS TRAIL & SCHUETT STREET	
SCALE: NTS	SHEET 10 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	13
* 4003, 4004	CONTRACT NO.		61H80	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100%	SANITARY LOCAL - 100%
* + X5610708	WATER MAIN REMOVAL, 8"	FOOT	13.0		13.0	
* + X5610712	WATER MAIN REMOVAL, 12"	FOOT	25.0		25.0	
* + X5620116	WATER SERVICE CONNECTION (SHORT)	EACH	11		11	
* + X5620118	WATER SERVICE CONNECTION (LONG)	EACH	10		10	
* + X5630006	CUT AND CAP EXISTING 6" WATER MAIN	EACH	3		3	
* + X5630008	CUT AND CAP EXISTING 8" WATER MAIN	EACH	2		2	
* + X5630012	CUT AND CAP EXISTING 12" WATER MAIN	EACH	1		1	
* + X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	3		3	
* + X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	1		1	
* + X5630710	CONNECTION TO EXISTING WATER MAIN 10"	EACH	1		1	
+ X6022312	DROP SANITARY MANHOLES, WITH TYPE 1 FRAME, CLOSED LID	EACH	3			3
* + X6022810	MANHOLES, SANITARY, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8			8
* + X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1			1

* SPECIAL PROVISION
+ SPECIALTY ITEM

HRG PROJECT NO.: 17425
HRG PROJ CONTACT:
FILE NAME: 17425-pv-sum04.dgn
PEN TABLE: 17425.tbl



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	DRAWN - DMS	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

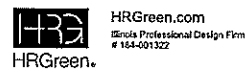
SUMMARY OF QUANTITIES	
SOUWANAS TRAIL & SCHUETT STREET	
SCALE: NTS	SHEET 11 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	14
* 4003, 4004		CONTRACT NO. 61H80		
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 0004	WATER LOCAL - 100%	SANITARY LOCAL - 100%
* † X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	13			13
* X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	34	34		
X6060079	COMBINATION CONCRETE CURB AND GUTTER, TYPE M3.12	FOOT	3,130.0	3,130.0		
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1		
* † XX007021	PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM	EACH	2	2		
† XX007920	LANDSCAPING STONE	TON	7.0	7.0		
* XX009527	THREE SIDED PRECAST CONCRETE STRUCTURES, (SPECIAL) 12 FT	FOOT	83.0	83.0		
* † XX009528	ABANDON EXISTING SANITARY SEWER, FILL WITH CLSM	FOOT	1,881.0			1,881.0
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1		
* Z0018300	DRAINAGE STRUCTURE REPAIR	EACH	8	8		
* Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	78.0	78.0		
* † Z0044298	PRESSURE CONNECTION TO EXISTING WATER MAIN	EACH	6		6	
* Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	323.0	323.0		

* SPECIAL PROVISION
† SPECIALTY ITEM

HRG PROJECT NO. 17425
HRG PROJ. CONTACT:
FILE NAME: 17425-shr-sum.dgn
PLOT DRIVER: &.pdf_driver.ctb
PLOT DATE: 4/28/2022



USER NAME = jstzai
PLOT SCALE = 2.8800" = 1'-0"
PLOT DATE = 4/28/2022

DESIGNED - JS
DRAWN - DMS
CHECKED -
DATE -

REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SOUWANAS TRAIL & SCHUETT STREET
SCALE: NTS SHEET 12 OF 13 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	15
* 4003, 4004		CONTRACT NO. 61H60		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY STU - 80% FEDERAL 000#	WATER LOCAL - 100%	SANITARY LOCAL - 100%
* Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	504.0	504.0		
* Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	209.0	209.0		
* Z0056643	STORM SEWER (WATER MAIN REQUIREMENTS) EQUIVALENT ROUND-SIZE 42 INCH	FOOT	68.0	68.0		
* † Z0056900	SANITARY SEWER 8"	FOOT	335.0			335.0
* † Z0057100	SANITARY SEWER 12"	FOOT	20.0			20.0
* † Z0057200	SANITARY SEWER 15"	FOOT	1,925.0			1,925.0
# * Z0076600	TRAINEES	HOUR	1,000	1,000		
# * Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000		

0042
 * SPECIAL PROVISION
 † SPECIALTY ITEM

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
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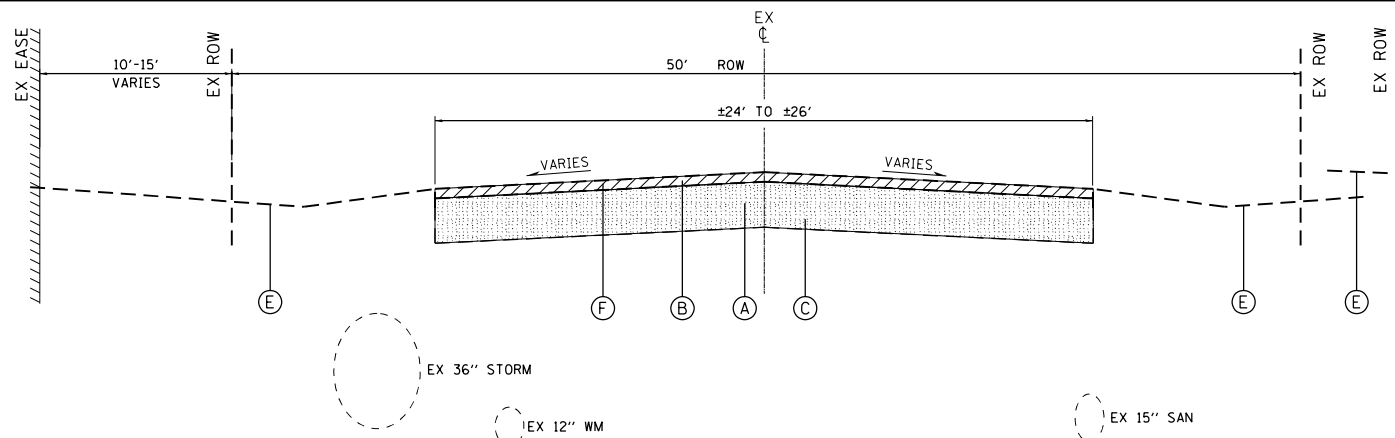


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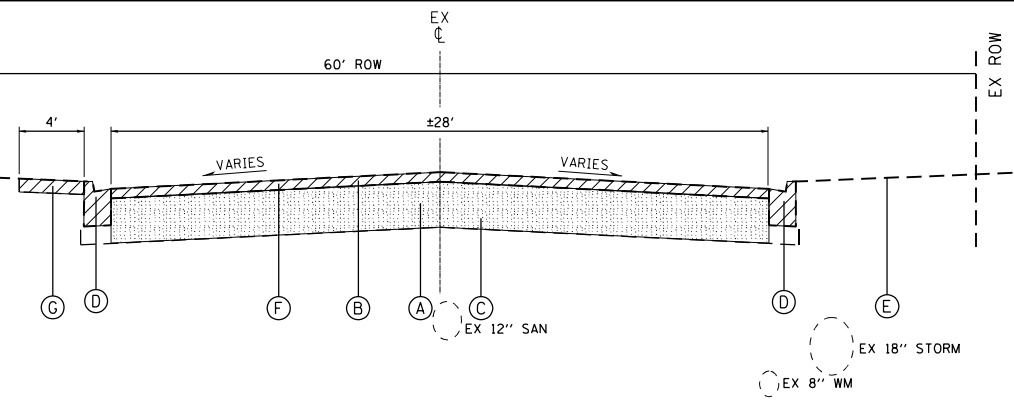
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	
SOUWANAS TRAIL & SCHUETT STREET	
SCALE: NTS	SHEET 13 OF 13 SHEETS STA. TO STA.

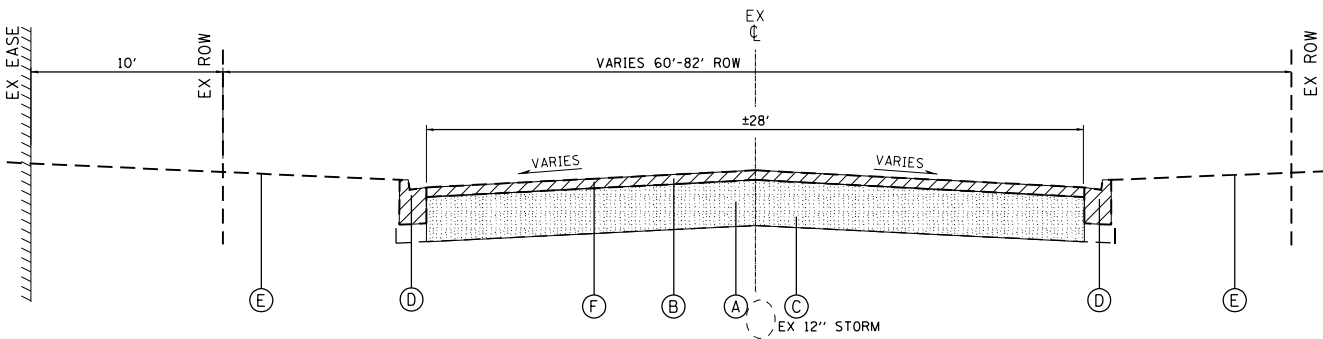
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*	17-00092-00-PV	MCHENRY	108	16
* 4003, 4004		CONTRACT NO. 61H80		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



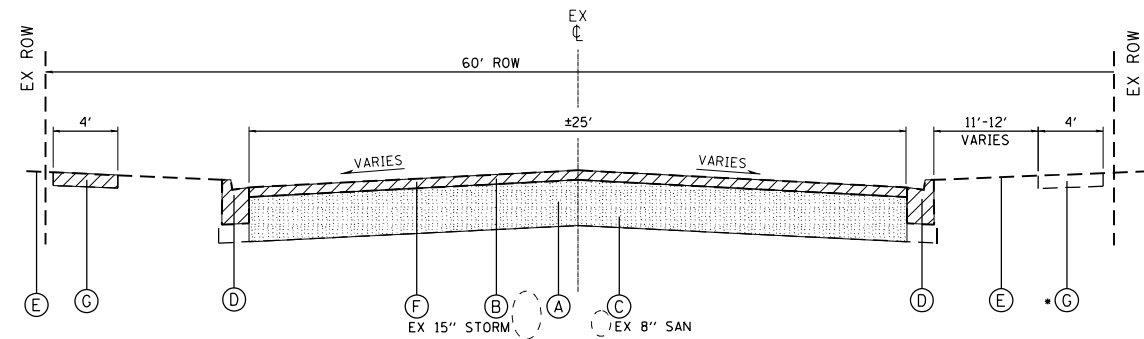
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SOUWANAS TRAIL (STA 101+71.59 TO STA 112+53.86)



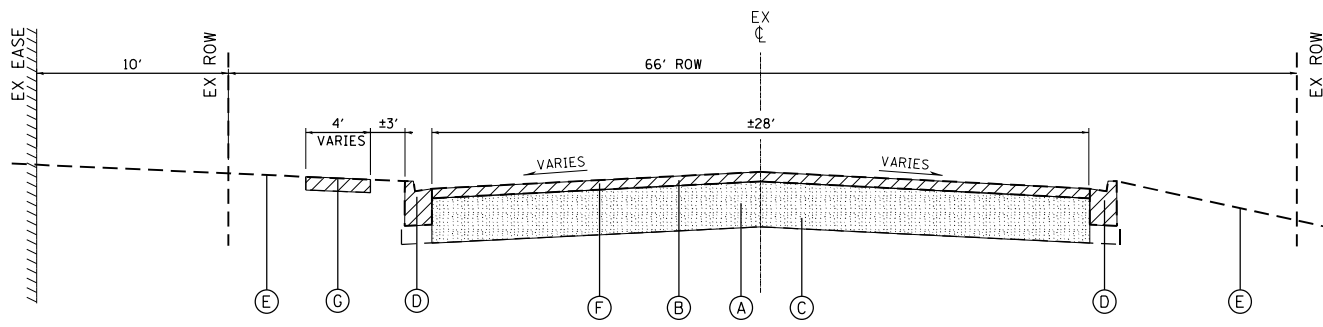
EXISTING TYPICAL SECTION
SCHUETT STREET (STA 300+00.00 TO STA 307+25.00)



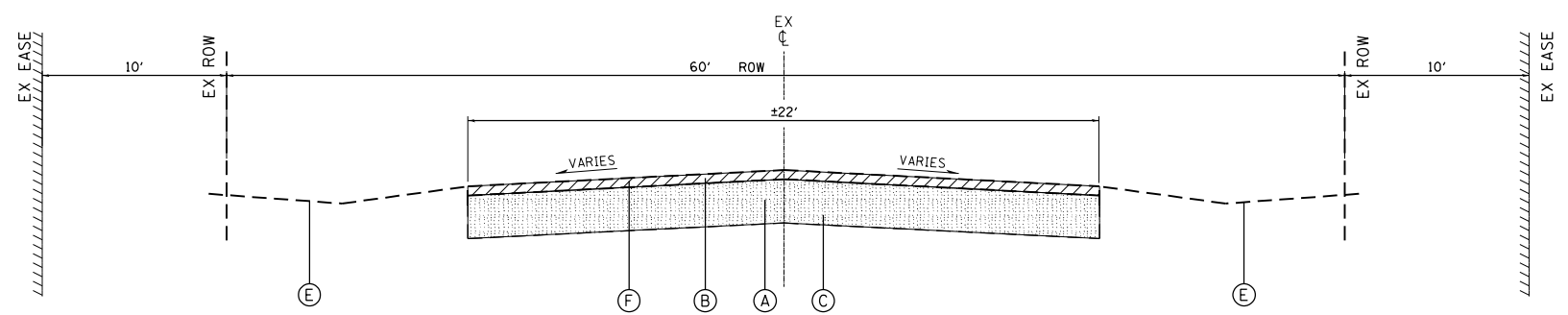
EXISTING TYPICAL SECTION
SOUWANAS TRAIL (STA 112+53.86 TO STA 130+85.78)



EXISTING TYPICAL SECTION
SCHUETT STREET (STA 307+25.00 TO STA 315+52.30)
•INDICATES SPOT REMOVAL AND REPLACEMENT



EXISTING TYPICAL SECTION
SOUWANAS TRAIL (STA 130+85.78 TO STA 140+37.31)



EXISTING TYPICAL SECTION
OCEOLA DRIVE (STA 400+00 TO STA 402+21.26)

- EXISTING LEGEND**
- (A) PROCESSING SOIL-CEMENT BASE COURSE, 12" (MIX DESIGN FOR 300 PSI)
 - (B) EXISTING HOT-MIX ASPHALT PAVEMENT, ±4"
 - (C) EXISTING AGGREGATE BASE COURSE, ±12"
 - (D) EXISTING CONCRETE CURB AND GUTTER; TYPE VARIES
 - (E) EXISTING GROUND
 - (F) HOT-MIX ASPHALT SURFACE REMOVAL; 4"
 - (G) EXISTING PCC SIDEWALK

- INDICATES REMOVAL ITEM
- INDICATES AREA OF PROCESSING SOIL-CEMENT BASE COURSE

NOTES:
BASE REPAIR LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
FINAL GRADING OF THE ROADWAY BASE WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF FULL-DEPTH RECLAMATION.
SEE GEOTECH REPORT FOR DETAILED PAVEMENT CONDITIONS

HRG PROJECT NO.: 17425
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 PEN TABLE: PLOT LABEL.tbl

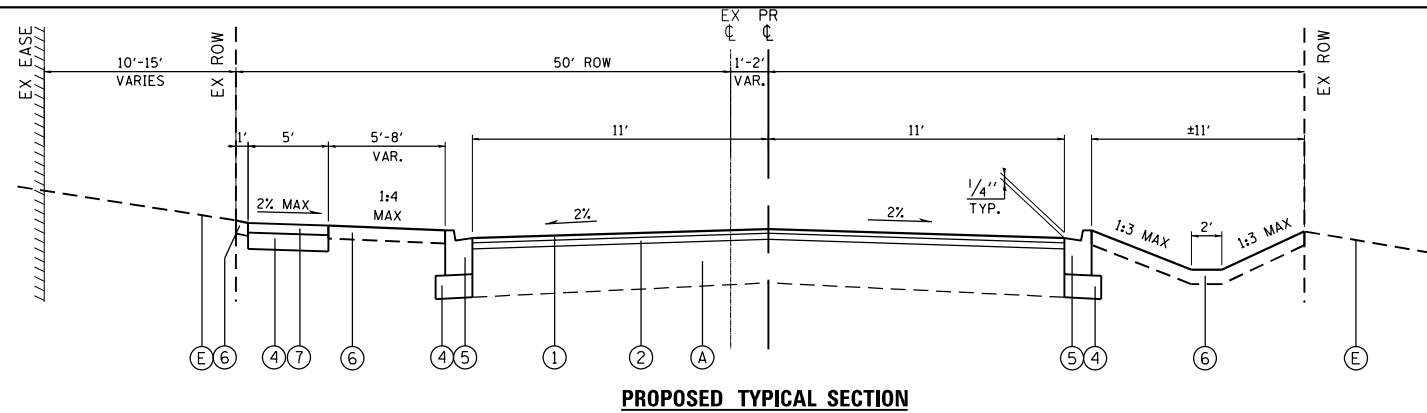


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PLOT DATE = 4/26/2022	CHECKED -	REVISED -
	DATE -	REVISED -

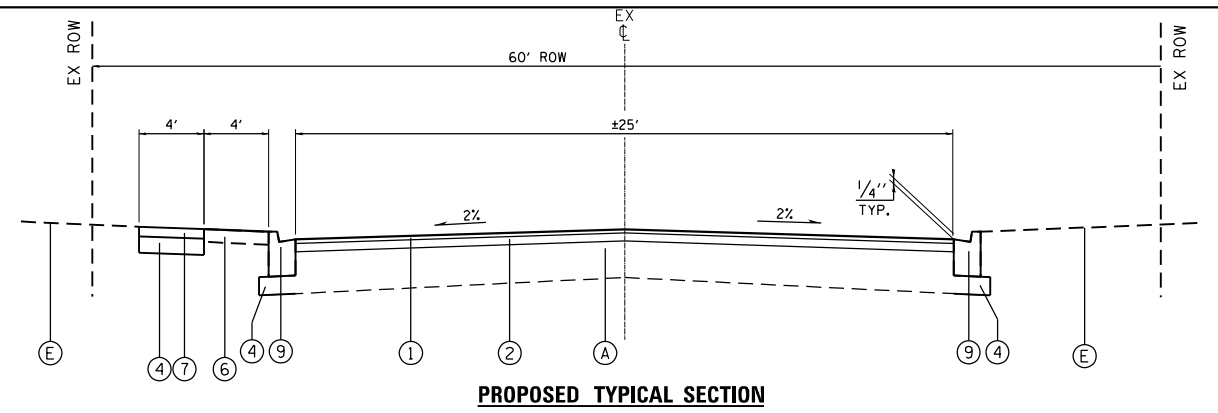
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS			
SOUWANAS TRAIL & SCHUETT STREET			
SCALE: NTS	SHEET 1	OF 2 SHEETS	STA. TO STA.

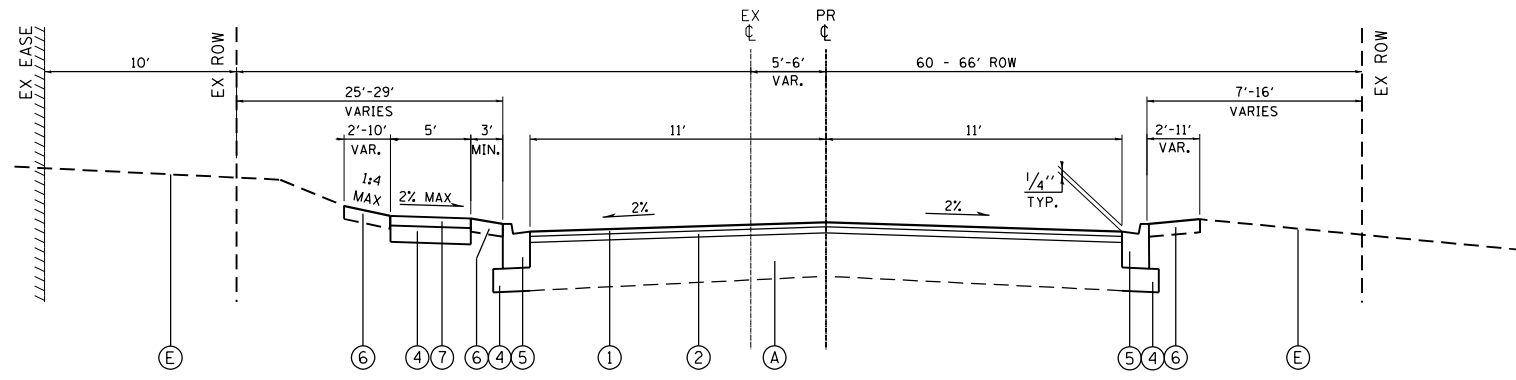
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	17
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



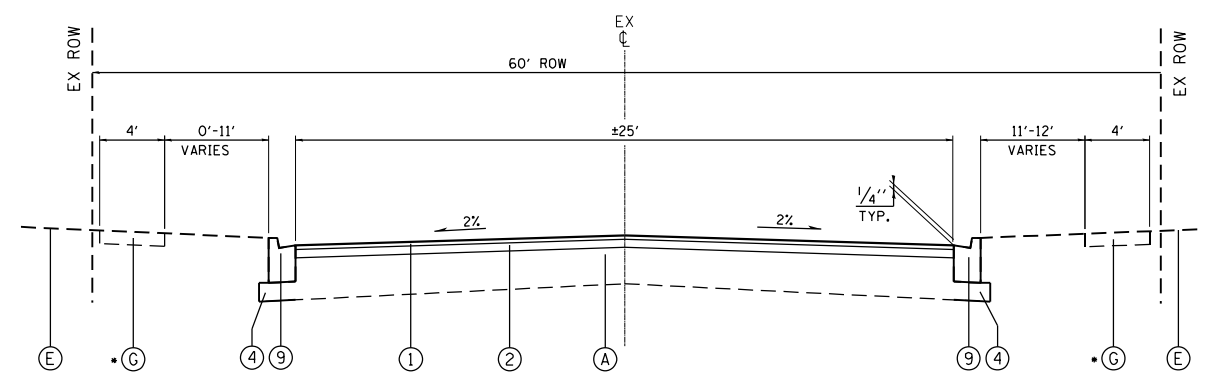
PROPOSED TYPICAL SECTION
SOUWANAS TRAIL (STA 101+71.59 TO STA 112+53.86)



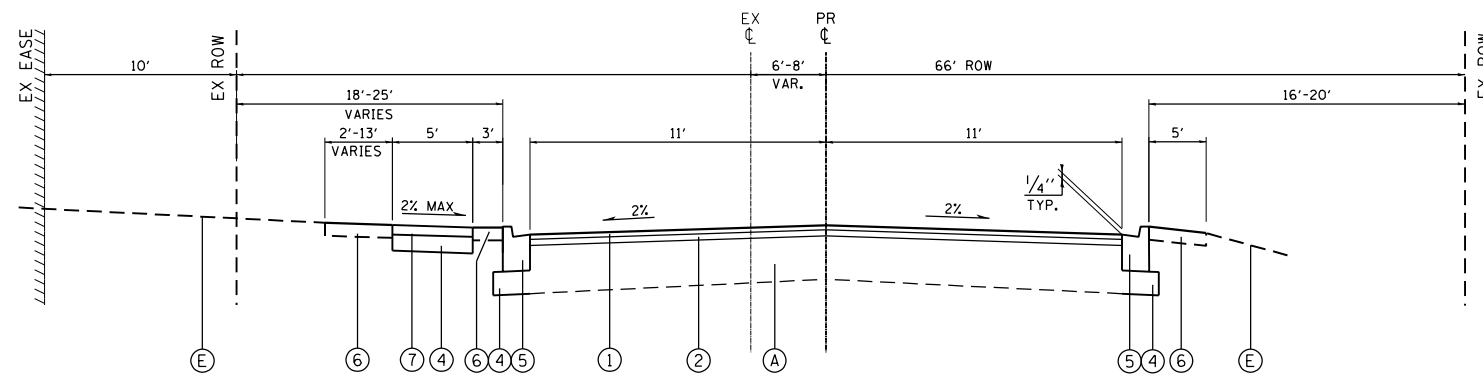
PROPOSED TYPICAL SECTION
SCHUETT STREET (STA 300+00.00 TO STA 307+25.00)



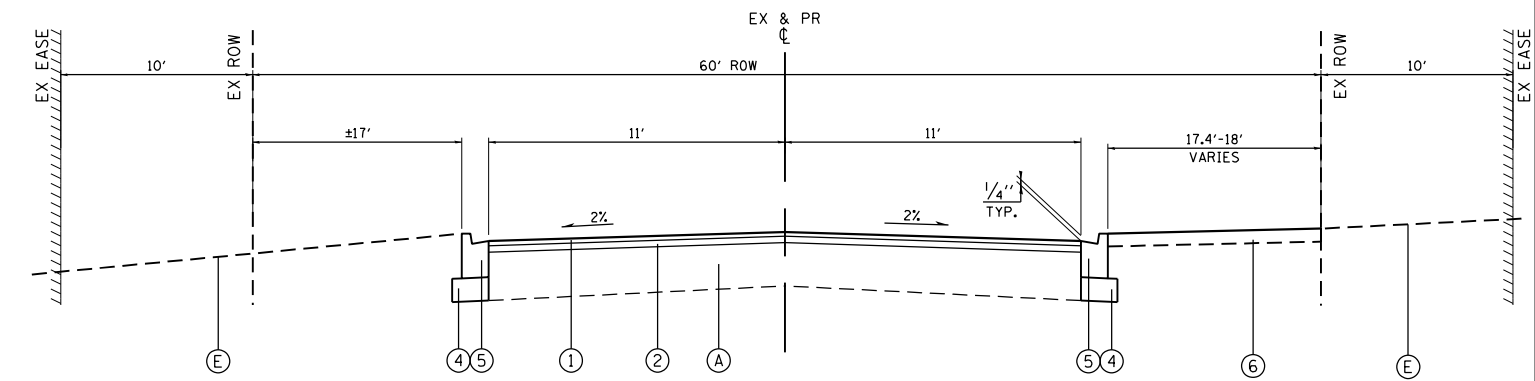
PROPOSED TYPICAL SECTION
SOUWANAS TRAIL (STA 112+53.86 TO STA 130+85.78)



PROPOSED TYPICAL SECTION
SCHUETT STREET (STA 307+25.00 TO STA 315+52.30)
•INDICATES SPOT REMOVAL AND REPLACEMENT



PROPOSED TYPICAL SECTION
SOUWANAS TRAIL (STA 130+85.78 TO STA 140+37.31)



PROPOSED TYPICAL SECTION
OCEOLA DRIVE (STA 400+00 TO STA 402+21.26)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
ROADWAY		
HMA SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 1 1/2"	3.5% @ 50 GYR.	LR 1030-2
HMA BINDER COURSE, IL-19.0, N50; 2 1/2"	3.5% @ 50 GYR.	LR 1030-2
TEMPORARY PATCHING		
HMA BINDER COURSE, IL-19.0, N50; 4"	4.0% @ 50 GYR.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIAL SPECIFICATIONS.

EXISTING LEGEND

- (A) PROCESSING SOIL CEMENT BASE COURSE, 12" (MIX DESIGN FOR 300 PSI)
- (B) EXISTING HOT-MIX ASPHALT PAVEMENT, ±4"
- (C) EXISTING AGGREGATE BASE COURSE, ±12"
- (D) EXISTING CONCRETE CURB AND GUTTER; TYPE VARIES
- (E) EXISTING GROUND
- (F) HOT-MIX ASPHALT SURFACE REMOVAL; 4"
- (G) EXISTING PCC SIDEWALK

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 1 1/2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2 1/2"
- (3) OMITTED
- (4) AGGREGATE BASE COURSE, TYPE B; 6"
- (5) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (6) TOPSOIL FURNISH AND PLACE; 6" SEEDING, CLASS 1A EROSION CONTROL BLANKET (SPECIAL)
- (7) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (8) OMITTED
- (9) COMBINATION CONCRETE CURB AND GUTTER, TYPE M3.12

NOTES:

BASE REPAIR LOCATIONS WILL BE DETERMINED BY THE ENGINEER.

FINAL GRADING OF THE ROADWAY BASE WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF PROCESSING SOIL CEMENT BASE COURSE.

SEE GEOTECH REPORT FOR DETAILED PAVEMENT CONDITIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
SOUWANAS TRAIL & SCHUETT STREET**

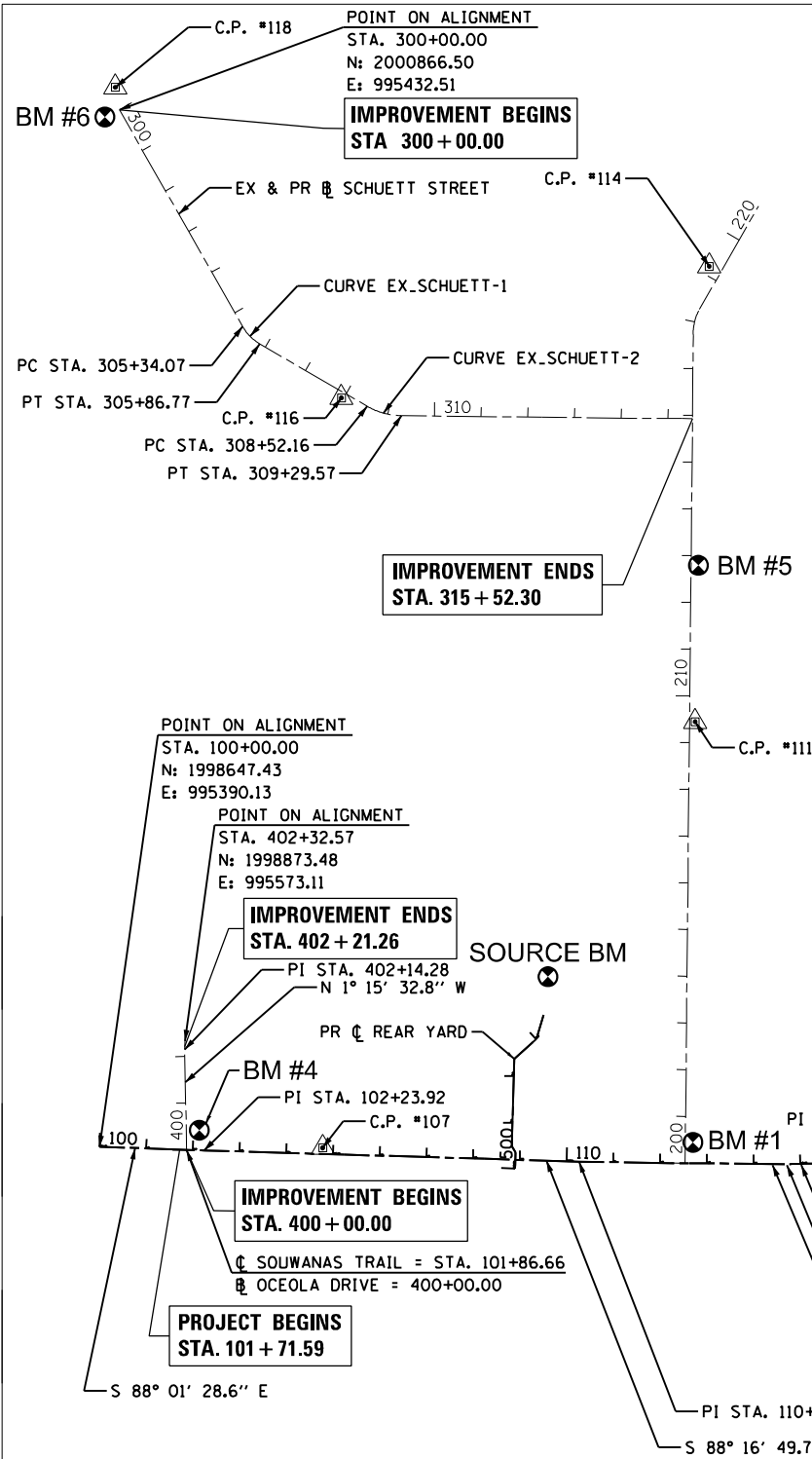
SCALE: NTS SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SR1-17425.dgn
 PEN TABLE: PLOT/LABEL.tbl

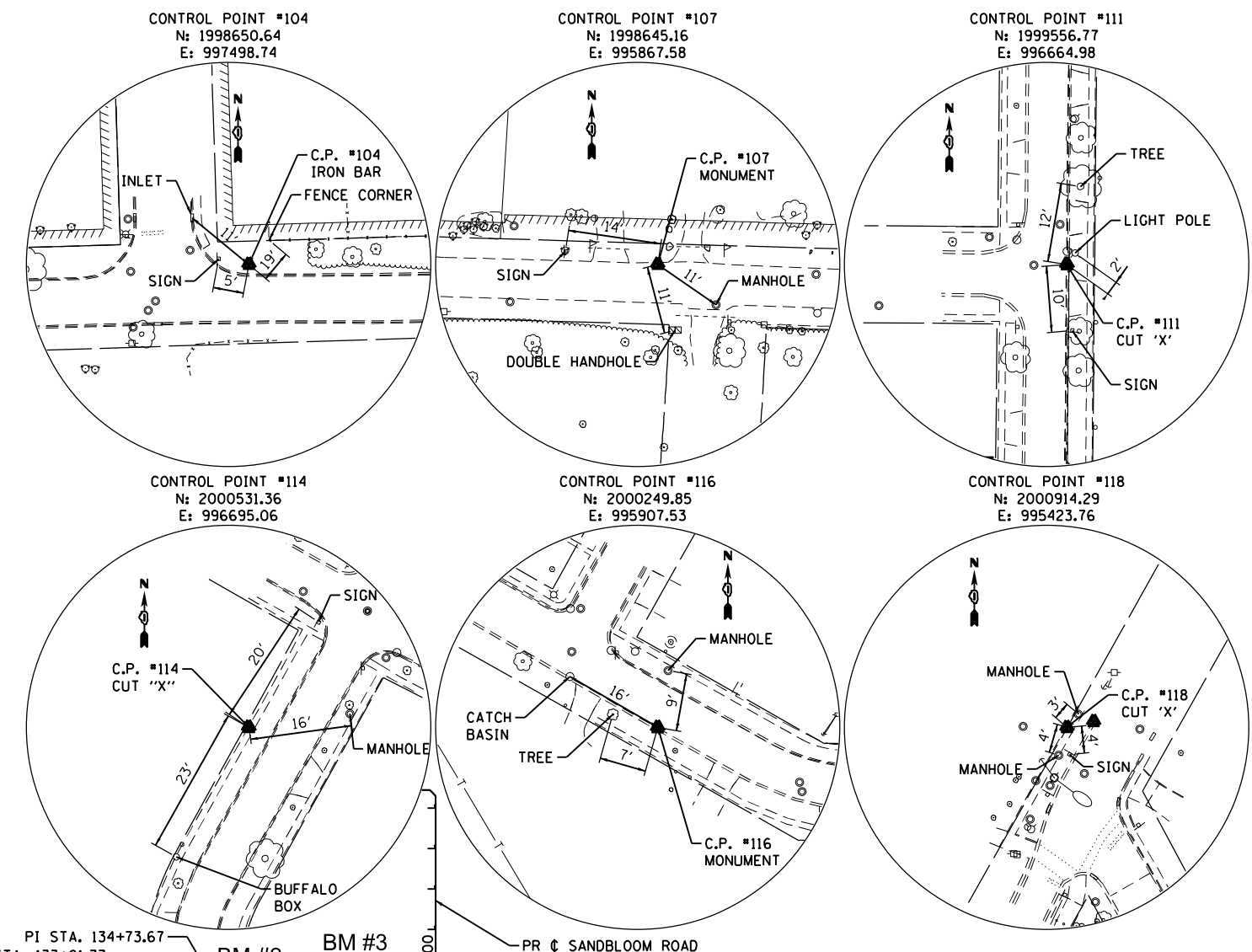


USER NAME = jstrzal	DESIGNED - JS	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DMS	REVISED -
PLOT DATE = 4/26/2022	CHECKED -	REVISED -
	DATE -	REVISED -



EXIST. CURVE EX-SCHUETT-1
 $\Delta = 30^\circ 11' 48''$ (LT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 26.98'$
 $L = 52.70'$
 $E = 3.58'$
 $e = \text{---}$
 P.C. STA. = 305+34.07
 N: 2000402.32
 E: 995696.65
 PI STA. = 305+61.05
 N: 2000378.88
 E: 995709.99
 P.T. STA. = 305+86.77
 N: 2000365.32
 E: 995733.32

EXIST. CURVE EX-SCHUETT-2
 $\Delta = 29^\circ 34' 08''$ (LT)
 $D = 38^\circ 11' 50''$
 $R = 150.00'$
 $T = 39.59'$
 $L = 77.41'$
 $E = 5.14'$
 $e = \text{---}$
 P.C. STA. = 308+52.16
 N: 2000231.98
 E: 995962.77
 PI STA. = 308+91.75
 N: 2000212.09
 E: 995997.00
 P.T. STA. = 309+29.57
 N: 2000211.68
 E: 996036.59



PROP. CURVE PRSOUW-1	PROP. CURVE PRSOUW-2	PROP. CURVE PRSOUW-3	PROP. CURVE PRSOUW-4
$\Delta = 3^\circ 03' 11''$ (LT)	$\Delta = 1^\circ 59' 34''$ (RT)	$\Delta = 1^\circ 32' 36''$ (LT)	$\Delta = 1^\circ 23' 53''$ (RT)
$D = 4^\circ 58' 56''$	$D = 4^\circ 58' 56''$	$D = 2^\circ 56' 09''$	$D = 1^\circ 48' 31''$
$R = 1,150.00'$	$R = 1,150.00'$	$R = 1,951.52'$	$R = 3,167.83'$
$T = 30.65'$	$T = 20.00'$	$T = 26.29'$	$T = 38.65'$
$L = 61.28'$	$L = 40.00'$	$L = 52.57'$	$L = 77.30'$
$E = 0.41'$	$E = 0.17'$	$E = 0.18'$	$E = 0.24'$
$e = \text{---}$	$e = \text{---}$	$e = \text{---}$	$e = \text{---}$
P.C. STA. = 114+41.25 N: 1998608.11 E: 996830.81	P.C. STA. = 120+31.27 N: 1998625.81 E: 997420.52	P.C. STA. = 127+92.00 N: 1998642.61 E: 998181.05	P.C. STA. = 129+79.65 N: 1998651.81 E: 998368.46
PI STA. = 114+71.89 N: 1998607.78 E: 996861.44	PI STA. = 120+51.27 N: 1998626.73 E: 997440.50	P.I. STA. = 128+18.29 N: 1998643.29 E: 998207.32	P.I. STA. = 130+18.30 N: 1998653.85 E: 998407.06
P.T. STA. = 115+02.52 N: 1998608.27 E: 996892.08	P.T. STA. = 120+71.27 N: 1998626.95 E: 997460.50	P.T. STA. = 128+44.57 N: 1998644.68 E: 998233.57	P.T. STA. = 130+56.95 N: 1998654.95 E: 998445.69

ALIGNMENT COORDINATES	REAR YARD	
	N	E
POB 500+00.00	1998600.6853	996279.2605
PI 500+07.25	1998607.9321	996279.4781
PI 500+34.56	1998635.2201	996280.5287
PI 500+50.42	1998648.8969	996272.4863
PI 502+36.72	1998835.1182	996277.9058
PI 503+00.81	1998878.1793	996325.3712
POE 503+54.63	1998929.6965	996340.9324

ALIGNMENT COORDINATES	SANDBLOOM ROAD	
	N	E
POB 400+00.00	1998685.6493	999420.1077
PI 404+30.44	1999116.0847	999420.1077
PI 404+50.41	1999130.2111	999405.9813
POE 404+70.19	1999130.3510	999386.2050

BENCHMARKS

SOURCE BENCHMARK
 NGS VERTICAL CONTROL STATION E 227, PID: NHO165. STATION IS LOCATED ABOUT 0.75 MILE SOUTHEAST ALONG THE CHICAGO AND NORTH WESTERN RAILWAY FROM THE STATION AT ALGONQUIN, ABOUT 50 YARDS SOUTHEAST OF MILE POLE 52, 0.5 MILE SOUTHEAST OF THE SOUTHEAST END OF THE BRIDGE OVER FOX RIVER, 0.1 MILE NORTHWEST OF THE CROSSING OF A GRADED ROAD, 7 FEET SOUTHWEST OF THE SOUTHWEST RAIL, IN TOP OF THE SOUTHWEST END OF THE NORTHWEST STONE ABUTMENT OF 15-FOOT BRIDGE 654, 2 1/2 FEET NORTHEAST OF THE SOUTHWEST END OF THE ABUTMENT, AND ABOUT 2 FEET BELOW THE LEVEL OF THE TRACK. ELEVATION = 751.93 (NAVD 88)

BENCHMARK 1: ARROW BOLT ON FIRE HYDRANT LOCATED IN THE NORTHEAST QUADRANT OF SCOTT STREET AND SOUWANAS TRAIL, APPROXIMATELY 16.0 FEET EAST OF THE CENTERLINE OF SCOTT AND 45.0 FEET NORTH OF THE CENTERLINE OF SOUWANAS. ELEVATION = 755.58 (NAVD 88)

BENCHMARK 2: SOUTHWEST BOLT ON FIRE HYDRANT LOCATED IN FRONT OF THE ALGONQUIN WATER TREATMENT PLANT, APPROXIMATELY 19.0 FEET NORTH OF THE CENTERLINE OF SOUWANAS TRAIL AND 65.0 FEET EAST OF THE CENTERLINE OF RIVERWOOD TRAIL. ELEVATION = 793.10

BENCHMARK 3: SOUTHWEST BOLT ON FIRE HYDRANT LOCATED IN THE NORTHEAST QUADRANT OF SUSAN COURT AND SOUWANAS TRAIL, APPROXIMATELY 21.0 FEET NORTH OF THE CENTERLINE OF SOUWANAS AND 35.0 FEET EAST OF THE CENTERLINE OF SUSAN. ELEVATION = 814.57 (NAVD 88)

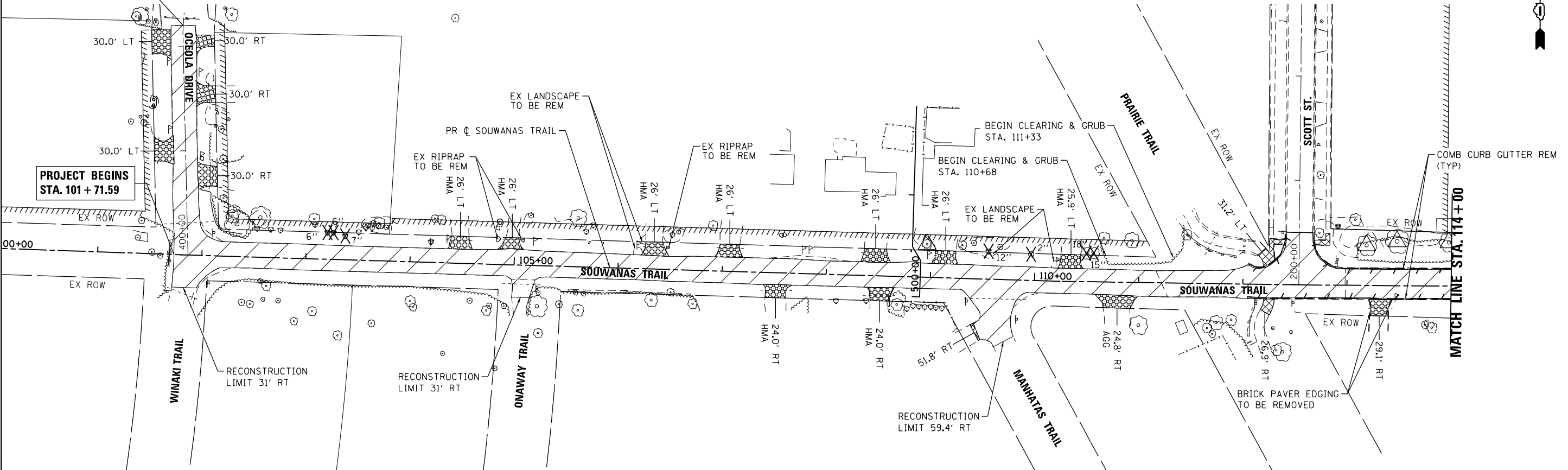
BENCHMARK 4: BURRY BOLT ON FIRE HYDRANT LOCATED IN THE NORTHEAST QUADRANT OF WINAKI TRAIL AND SOUWANAS TRAIL, APPROXIMATELY 29.0 FEET EAST OF THE CENTERLINE OF WINAKI AND 41.0 FEET NORTH OF THE CENTERLINE OF SOUWANAS. ELEVATION = 734.03

BENCHMARK 5: ARROW BOLT ON FIRE HYDRANT LOCATED IN THE NORTHEAST QUADRANT OF SCOTT STREET AND SUNSHINE COURT, APPROXIMATELY 12.0 FEET NORTH OF THE CENTERLINE EXTENDED OF SUNSHINE AND 17.0 FEET EAST OF THE CENTERLINE OF SCOTT. ELEVATION = 772.11 (NAVD 88)

BENCHMARK 6: TAG BOLT ON FIRE HYDRANT LOCATED IN THE SOUTHWEST QUADRANT OF S. HUBBARD STREET AND SCHUETT STREET, APPROXIMATELY 21.0 FEET WESTERLY OF THE CENTERLINE OF S. HUBBARD AND 37.0 FEET SOUTHERLY OF THE CENTERLINE EXTENDED OF SCHUETT. ELEVATION = 751.38 (NAVD 88)

IMPROVEMENT ENDS
STA. 402 + 21.26

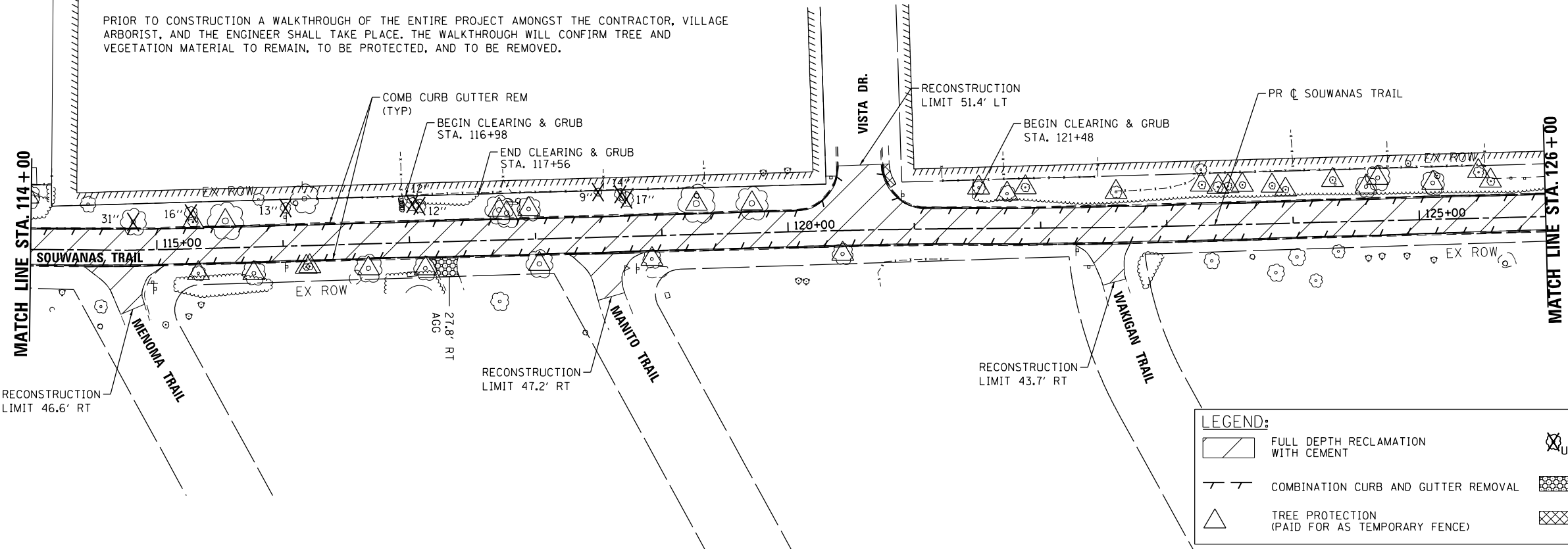
PROJECT BEGINS
STA. 101 + 71.59



NOTES:

FOR SANITARY SEWER, STORM SEWER AND PIPE CULVERT REMOVALS, SEE UTILITY REMOVAL AND ADJUSTMENT PLAN.

PRIOR TO CONSTRUCTION A WALKTHROUGH OF THE ENTIRE PROJECT AMONGST THE CONTRACTOR, VILLAGE ARBORIST, AND THE ENGINEER SHALL TAKE PLACE. THE WALKTHROUGH WILL CONFIRM TREE AND VEGETATION MATERIAL TO REMAIN, TO BE PROTECTED, AND TO BE REMOVED.



LEGEND:

- FULL DEPTH RECLAMATION WITH CEMENT
- COMBINATION CURB AND GUTTER REMOVAL
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)
- TREE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- SIDEWALK REMOVAL

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SR1-Removal-Souwanas-01.dgn
 PEN TABLE: PLOT LABEL.tbl



USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

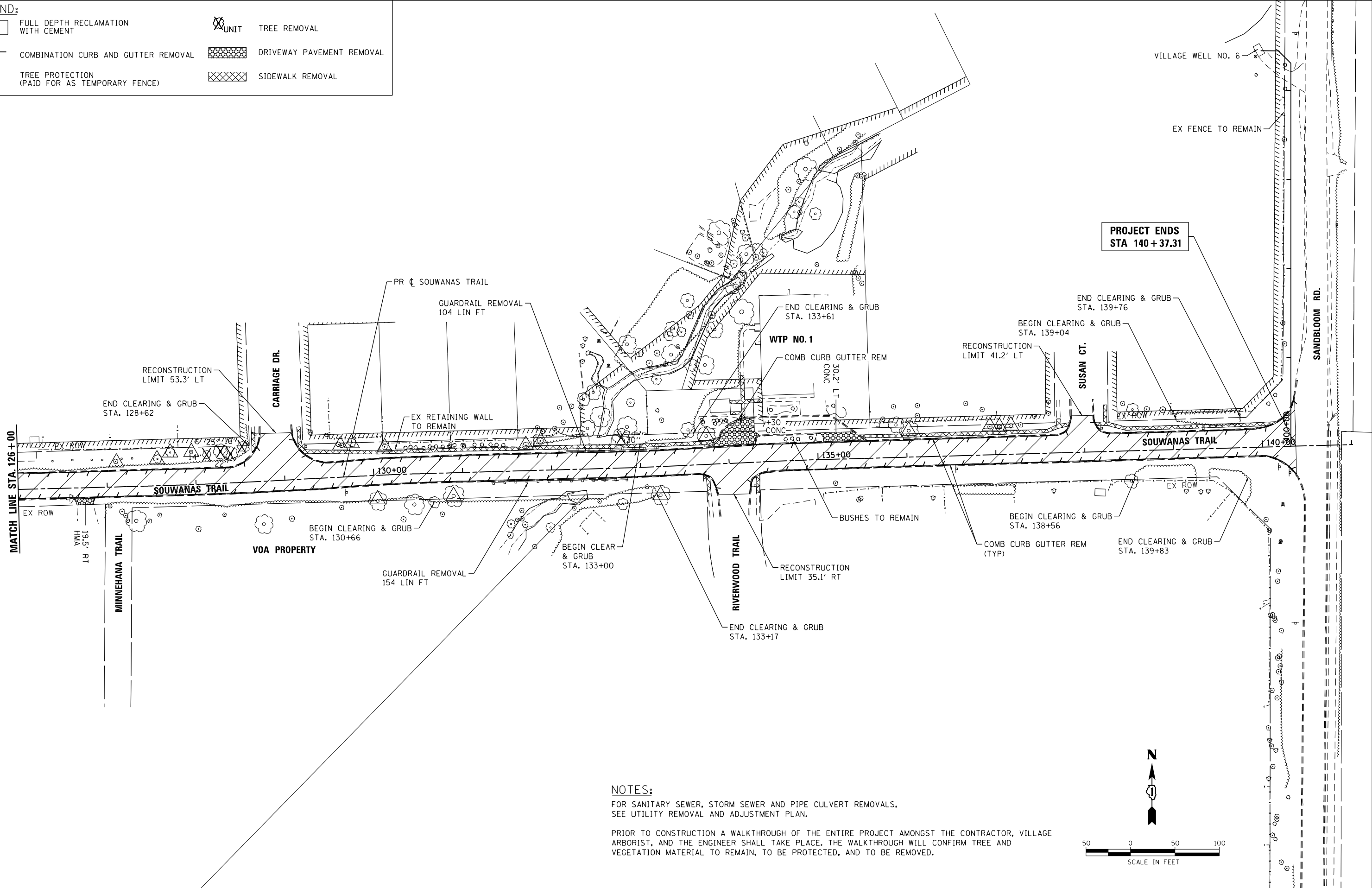
**REMOVAL PLAN
SOUWANAS TRAIL & OCEOLA DRIVE**

SCALE: 1"=50' SHEET 1 OF 5 SHEETS STA. 101+71.59 TO STA. 126+00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

LEGEND:

	FULL DEPTH RECLAMATION WITH CEMENT		TREE REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL		DRIVEWAY PAVEMENT REMOVAL
	TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)		SIDEWALK REMOVAL

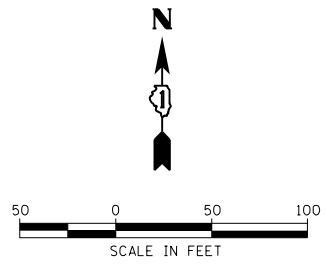


**PROJECT ENDS
STA 140+37.31**

NOTES:

FOR SANITARY SEWER, STORM SEWER AND PIPE CULVERT REMOVALS, SEE UTILITY REMOVAL AND ADJUSTMENT PLAN.

PRIOR TO CONSTRUCTION A WALKTHROUGH OF THE ENTIRE PROJECT AMONGST THE CONTRACTOR, VILLAGE ARBORIST, AND THE ENGINEER SHALL TAKE PLACE. THE WALKTHROUGH WILL CONFIRM TREE AND VEGETATION MATERIAL TO REMAIN, TO BE PROTECTED, AND TO BE REMOVED.



HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-removal-Souwanas-02.dgn
 PEN TABLE: PLOT LABEL.tbl



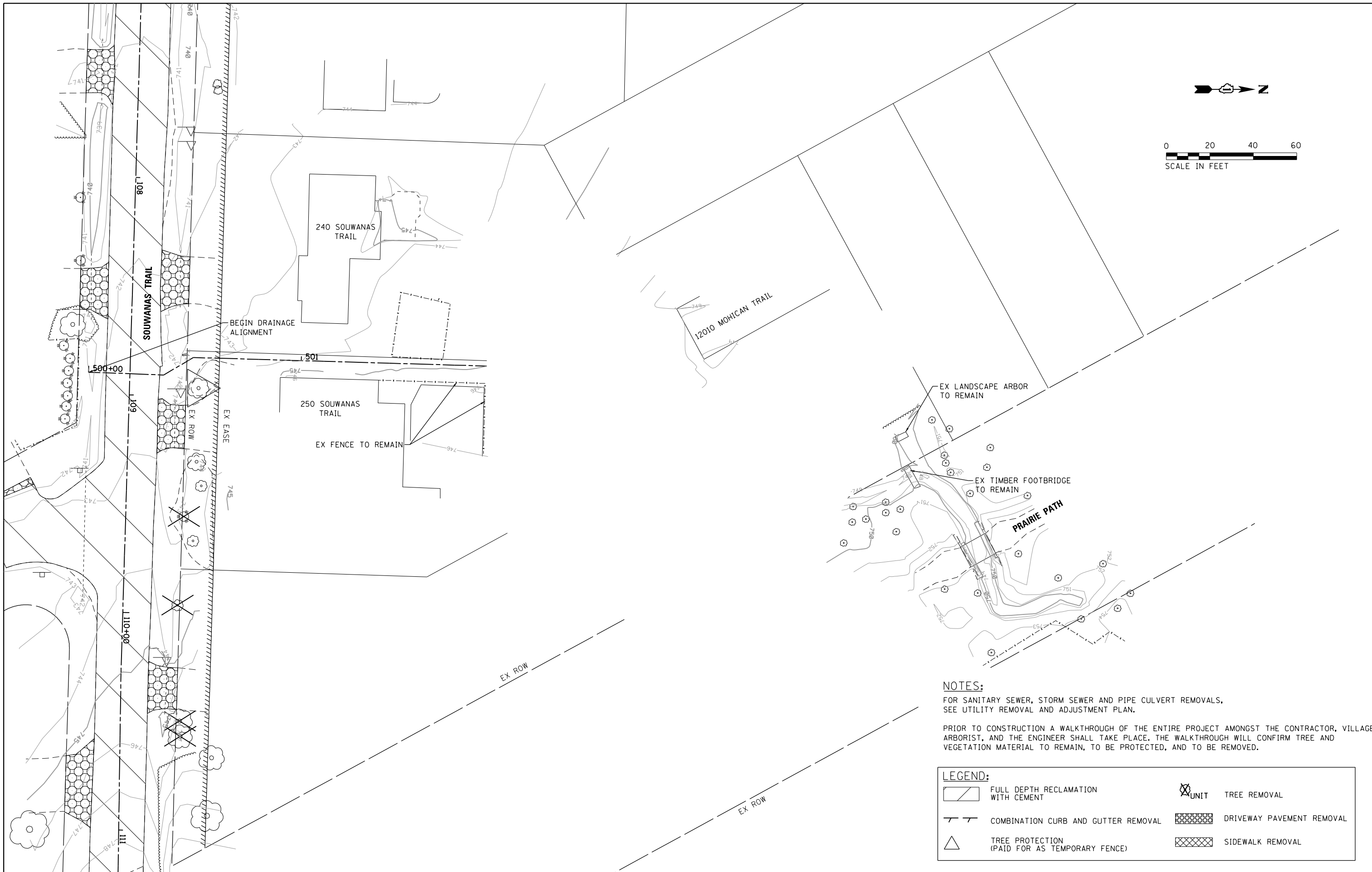
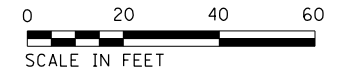
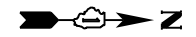
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PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
SOUWANAS TRAIL**

SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. 126+00 TO STA. 140+37.31

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	21
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	



NOTES:

FOR SANITARY SEWER, STORM SEWER AND PIPE CULVERT REMOVALS, SEE UTILITY REMOVAL AND ADJUSTMENT PLAN.

PRIOR TO CONSTRUCTION A WALKTHROUGH OF THE ENTIRE PROJECT AMONGST THE CONTRACTOR, VILLAGE ARBORIST, AND THE ENGINEER SHALL TAKE PLACE. THE WALKTHROUGH WILL CONFIRM TREE AND VEGETATION MATERIAL TO REMAIN, TO BE PROTECTED, AND TO BE REMOVED.

LEGEND:

	FULL DEPTH RECLAMATION WITH CEMENT		TREE REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL		DRIVEWAY PAVEMENT REMOVAL
	TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)		SIDEWALK REMOVAL

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-Removal-Souwanas-RYD.dgn
 PEN TABLE: PLOT LABEL.tbl



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	DRAWN - DMS	REVISED -
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PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**







**REMOVAL PLAN
SOUWANAS TRAIL REAR YARDS**

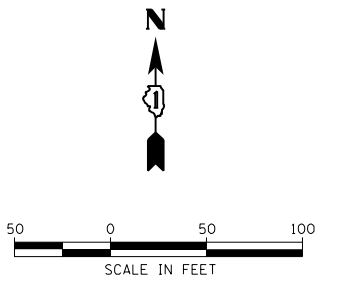
SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. 500+00 TO STA. 503+54.63

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	22
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 61H80

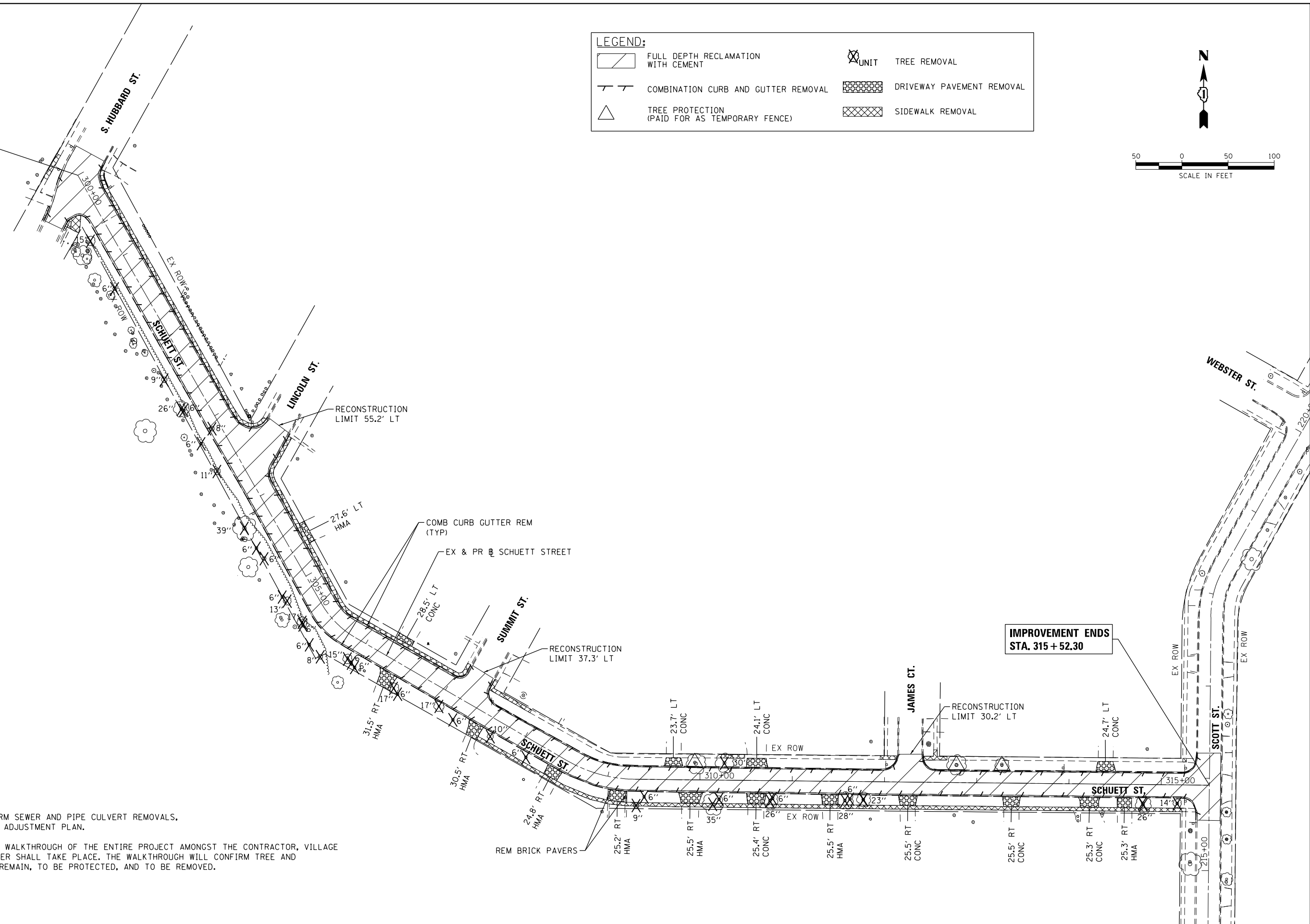
LEGEND:

	FULL DEPTH RECLAMATION WITH CEMENT		TREE REMOVAL
	COMBINATION CURB AND GUTTER REMOVAL		DRIVEWAY PAVEMENT REMOVAL
	TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)		SIDEWALK REMOVAL



IMPROVEMENT BEGINS STA. 300+00.00

IMPROVEMENT ENDS STA. 315+52.30



NOTES:

FOR SANITARY SEWER, STORM SEWER AND PIPE CULVERT REMOVALS, SEE UTILITY REMOVAL AND ADJUSTMENT PLAN.

PRIOR TO CONSTRUCTION A WALKTHROUGH OF THE ENTIRE PROJECT AMONGST THE CONTRACTOR, VILLAGE ARBORIST, AND THE ENGINEER SHALL TAKE PLACE. THE WALKTHROUGH WILL CONFIRM TREE AND VEGETATION MATERIAL TO REMAIN, TO BE PROTECTED, AND TO BE REMOVED.

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SHT-removal-schuett-01.dgn
 PEN TABLE: PLOT LABEL.tbl



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	DRAWN - DMS	REVISED -
PLOT SCALE = 100.0004' / 1"	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
SCHUETT STREET**

SCALE: 1"=50' SHEET 5 OF 5 SHEETS STA. 300+18 TO STA. 315+52.30

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	23
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

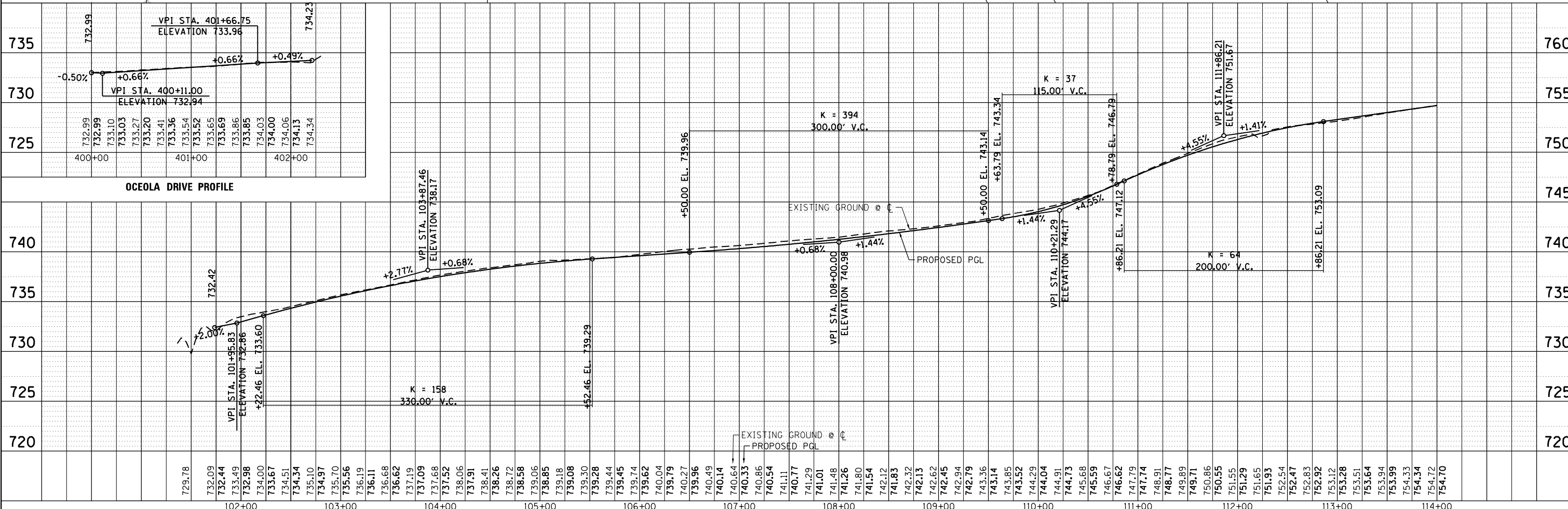
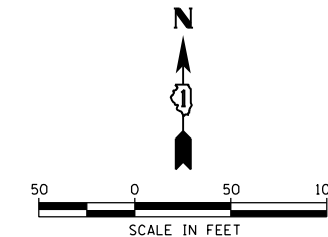
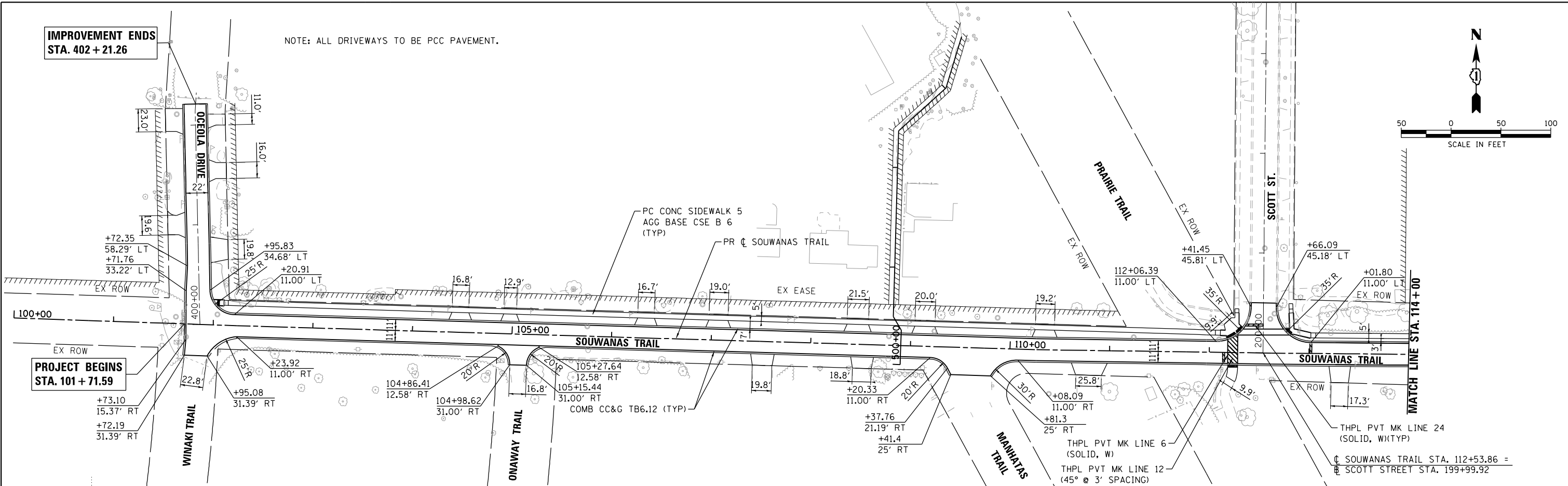
PLAN	SURVEYED	BY	DATE
	NOTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	CPAD		
	NO.		

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SR-Plan-Profile-Souwanas-01.dgn
 PEN TABLE: PLOT/LABEL.tbl

IMPROVEMENT ENDS
 STA. 402 + 21.26

NOTE: ALL DRIVEWAYS TO BE PCC PAVEMENT.

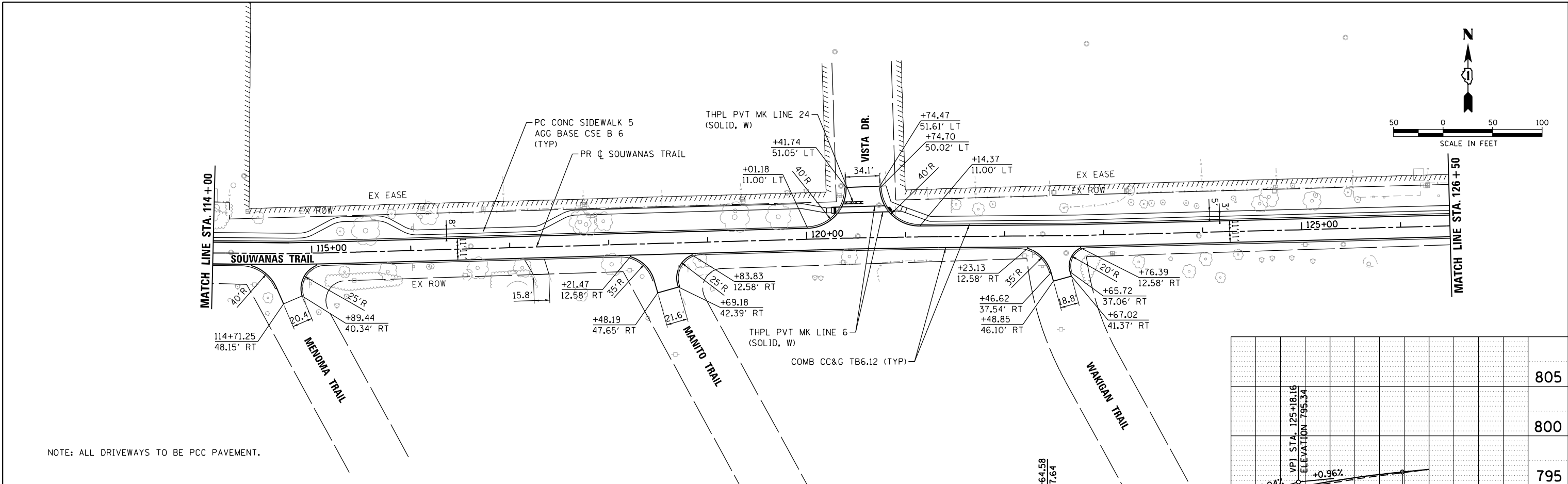


	USER NAME = jstr2al	DESIGNED - JS	REVISED - XX/XX/XXXX	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN AND PROFILE SOUWANAS TRAIL & OCEOLA DRIVE	F.A.U. R.T.E.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0004' / in.	DRAWN - DMS	REVISED - XX/XX/XXXX			17-00092-00-PV	MCHENRY	108	24	
	PLOT DATE = 4/26/2022	CHECKED -	REVISED - XX/XX/XXXX			CONTRACT NO. 61H80				
		DATE -	REVISED - XX/XX/XXXX			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

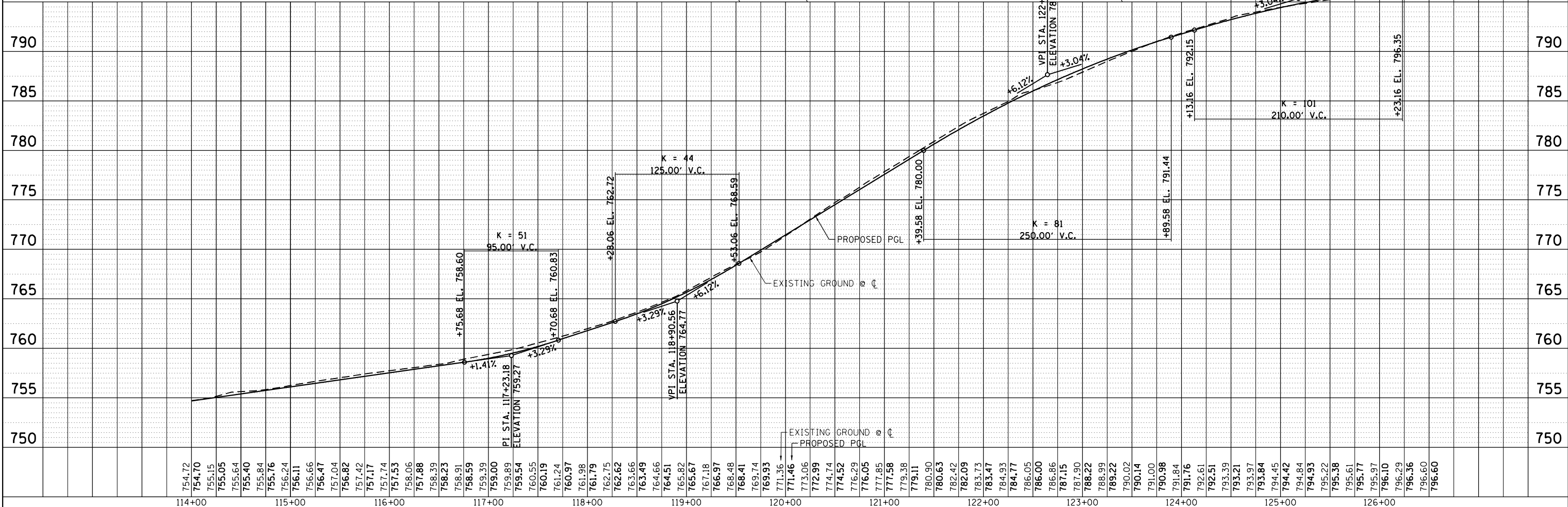
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	CHECKED	
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PROFILE	SURVEYED	DATE
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	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHFD	
	NO.	

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-571-p1p1r1f-Souwanas-02.dgn
 PEN TABLE: PLOT/LABEL.tbl



NOTE: ALL DRIVEWAYS TO BE PCC PAVEMENT.



114+00	115+00	116+00	117+00	118+00	119+00	120+00	121+00	122+00	123+00	124+00	125+00	126+00																																																																																											
754.72	754.70	755.15	755.05	755.64	755.40	755.84	756.24	756.11	756.66	756.47	757.04	756.82	757.42	757.17	757.74	757.53	758.06	757.88	758.39	758.23	758.91	758.59	759.39	759.00	759.89	759.54	760.55	760.19	761.24	761.24	760.97	761.98	761.79	762.75	762.62	763.66	763.49	764.66	764.51	765.82	765.67	767.18	766.97	768.41	768.48	769.74	769.93	771.36	771.46	773.06	772.99	774.74	774.52	776.29	776.05	777.85	777.58	779.38	779.11	780.90	780.63	782.42	782.09	783.73	783.47	784.93	784.77	786.05	786.00	786.86	787.15	787.90	788.22	788.99	789.22	790.02	790.14	791.00	790.98	791.84	791.76	792.61	792.51	793.39	793.21	793.97	793.84	794.45	794.42	794.84	794.93	795.22	795.38	795.61	795.61	795.77	795.97	796.10	796.29	796.36	796.60	796.60	796.60

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USER NAME = jstrzal	DESIGNED - JS	REVISED -
DRAWN - DMS	REVISED -	
CHECKED -	REVISED -	
DATE -	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN AND PROFILE
 SOUWANAS TRAIL**

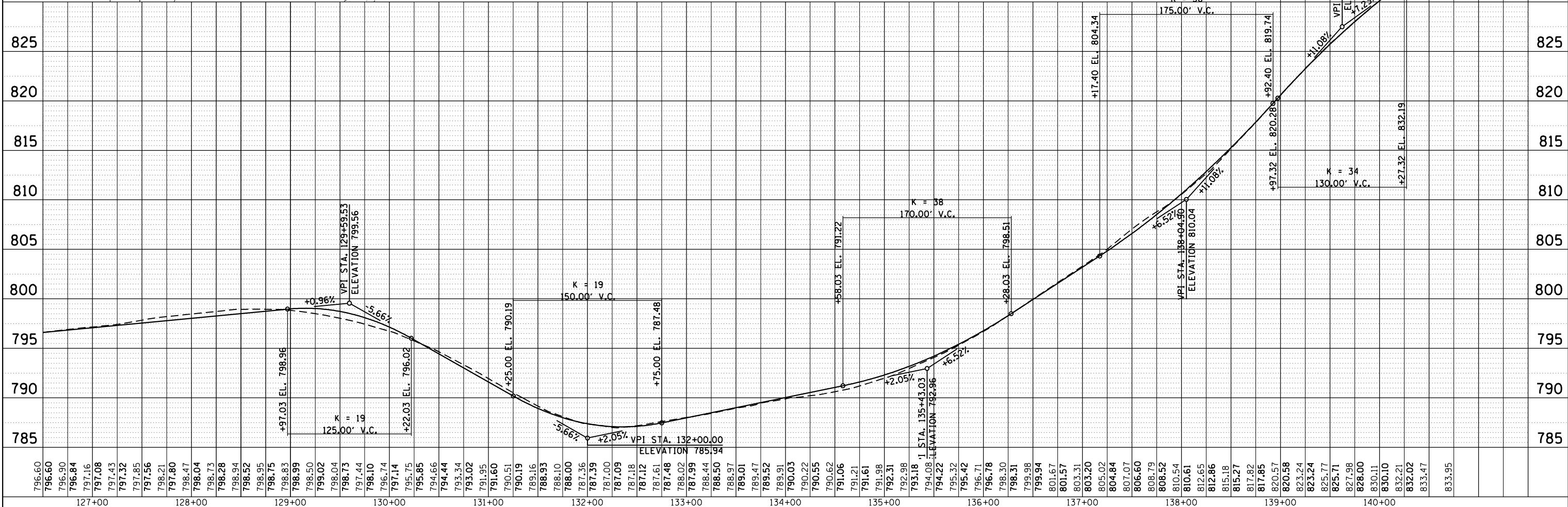
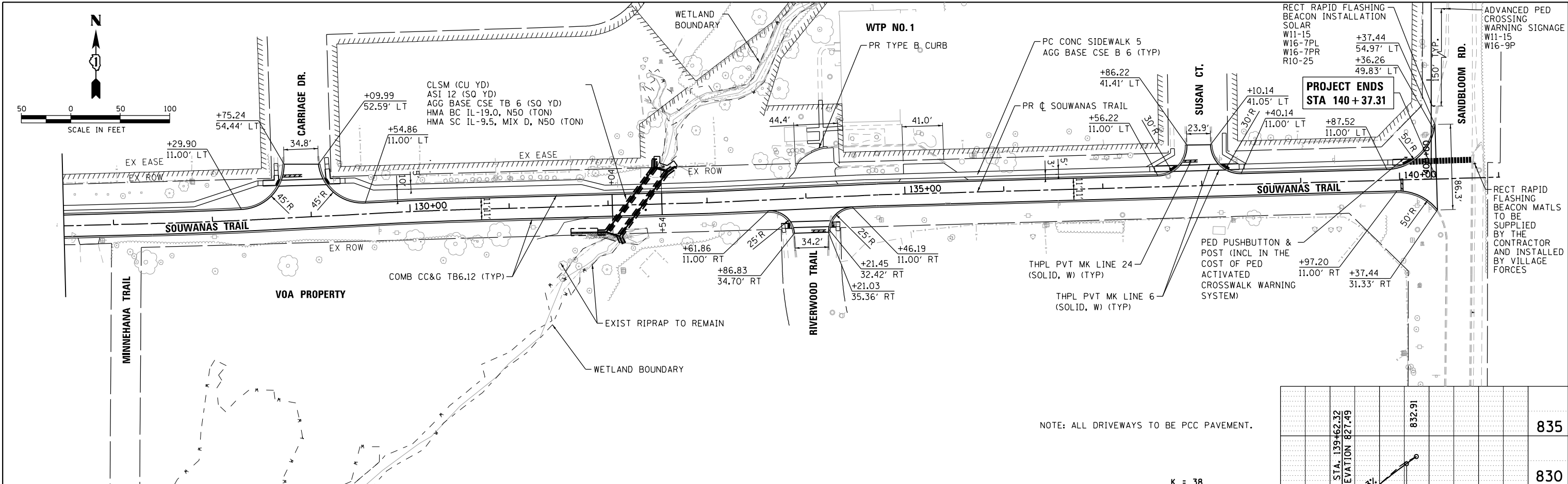
SCALE: 1"=50' SHEET 2 OF 7 SHEETS STA. 114+00 TO STA. 126+50

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	25
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO. BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NO. BOOK		
	NO.		
	STRUCTURE NOTATIONS CHFD		

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-571-p101-rf-Souwanas-03.dgn
 PEN TABLE: PLOT/ABE/101



NOTE: ALL DRIVEWAYS TO BE PCC PAVEMENT.

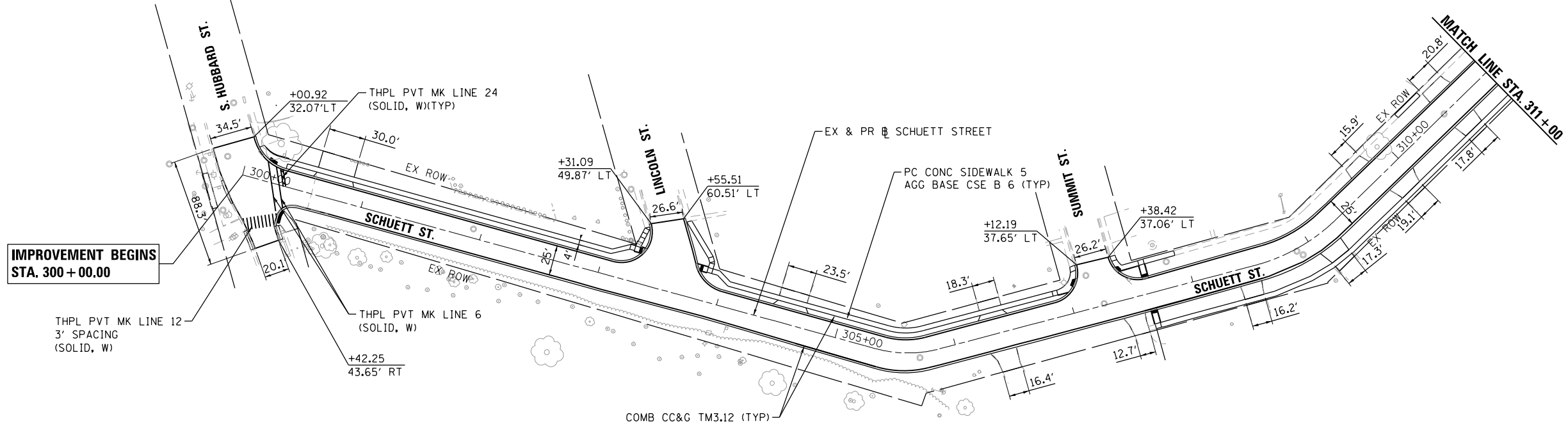
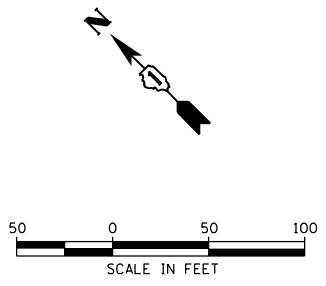
HRGreen.com	USER NAME = jstrzal	DESIGNED - JS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN AND PROFILE SOUWANAS TRAIL	F.A.U. R.T.E.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.	
HRGreen.com	PLOT SCALE = 100.0004' / 1"	DRAWN - DMS	REVISED -			4003, 4004	17-00092-00-PV	MCHENRY	108	26	
	PLOT DATE = 4/26/2022	CHECKED -	REVISED -			CONTRACT NO. 61H80					
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SCALE: 1"=50' SHEET 3 OF 7 SHEETS STA. 126+50 TO STA. 140+37.31

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	NO. _____	
	NO. _____	

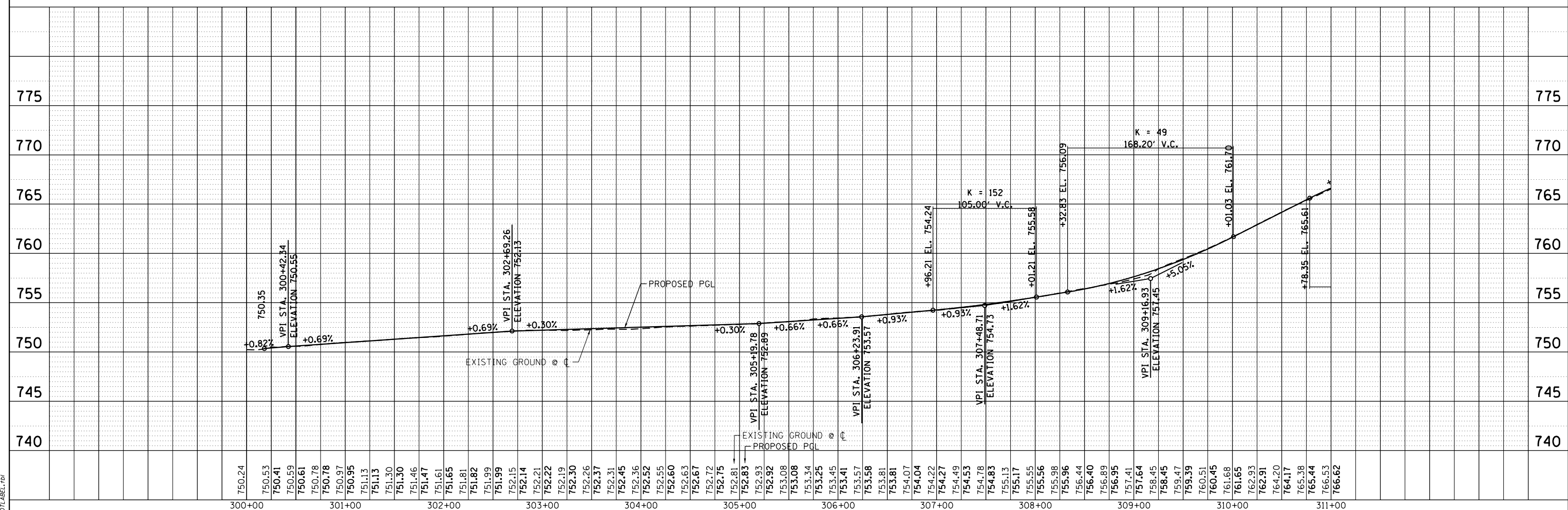
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO. _____	
	NO. _____	
	NO. _____	

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-571-p1p1r1f-Schuett+ Summit
 PEN TABLE: PLOT/LABEL.tbl



**IMPROVEMENT BEGINS
STA. 300+00.00**

NOTE: ALL DRIVEWAYS TO BE PCC PAVEMENT.



USER NAME =	jstrzal
DESIGNED -	JS
DRAWN -	DMS
CHECKED -	
DATE -	

REVISD -	
REVISD -	
REVISD -	
REVISD -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN AND PROFILE			
SCHUETT STREET			
SCALE: 1"=50'	SHEET 6	OF 7 SHEETS	STA. 300+18 TO STA. 311+00

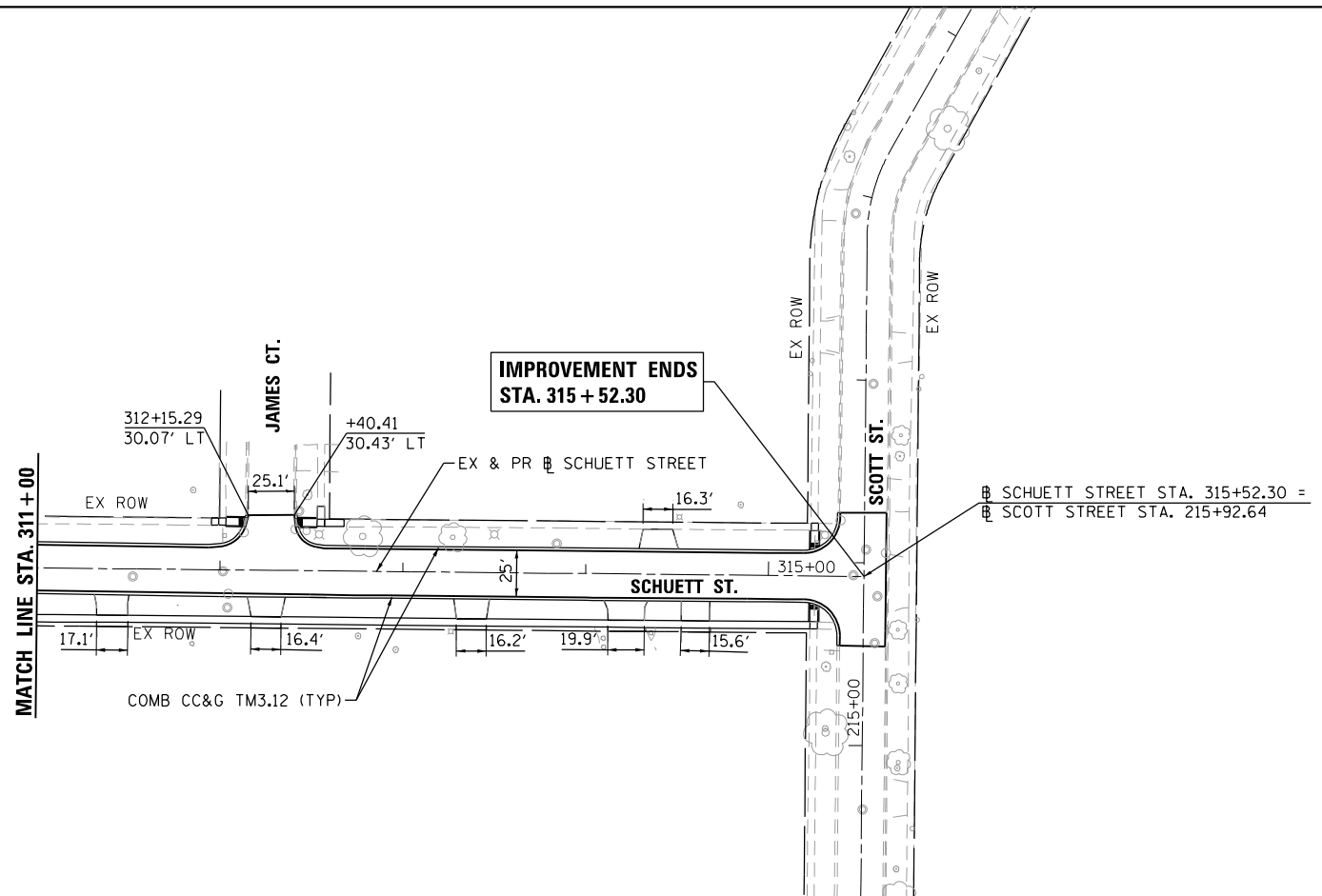
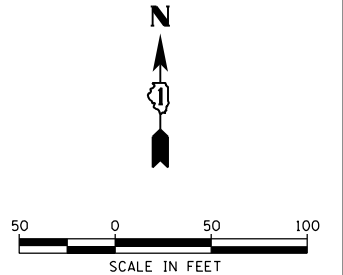
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	27
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONTRACT NO. 61H80

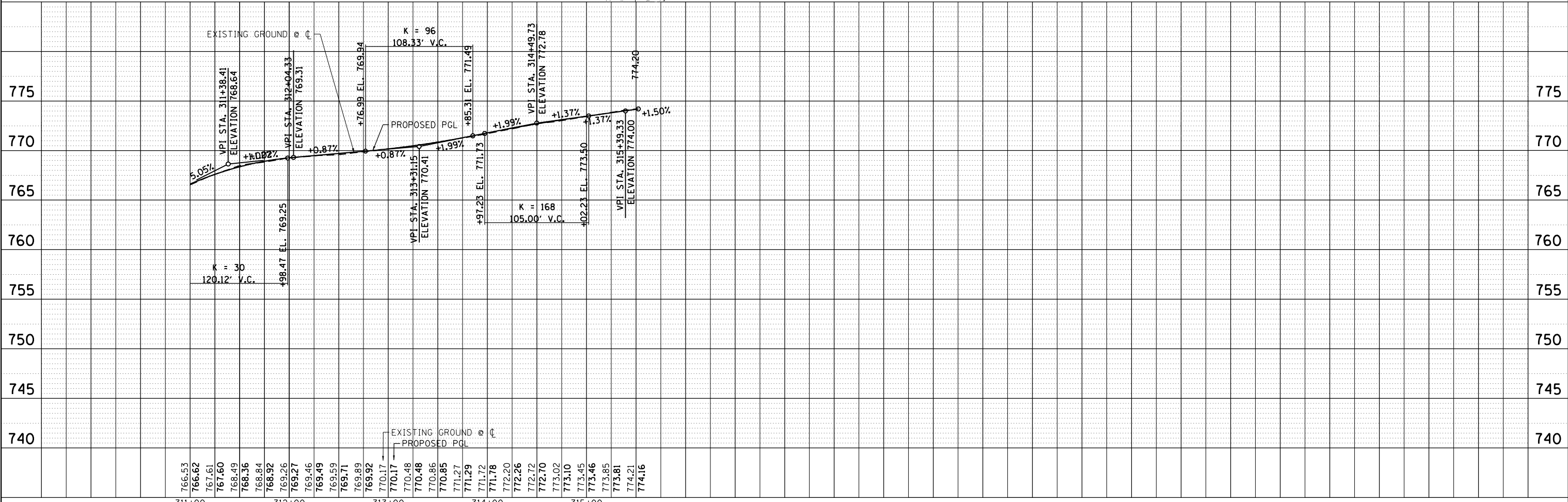
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	FILE NAME		
	FILE NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	FILE NAME		
	FILE NO.		

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-S17-p1p1r-f-Schuett+1-02.dgn
 PEN TABLE: PLOT/LABEL.tbl



NOTE: ALL DRIVEWAYS TO BE PCC PAVEMENT.



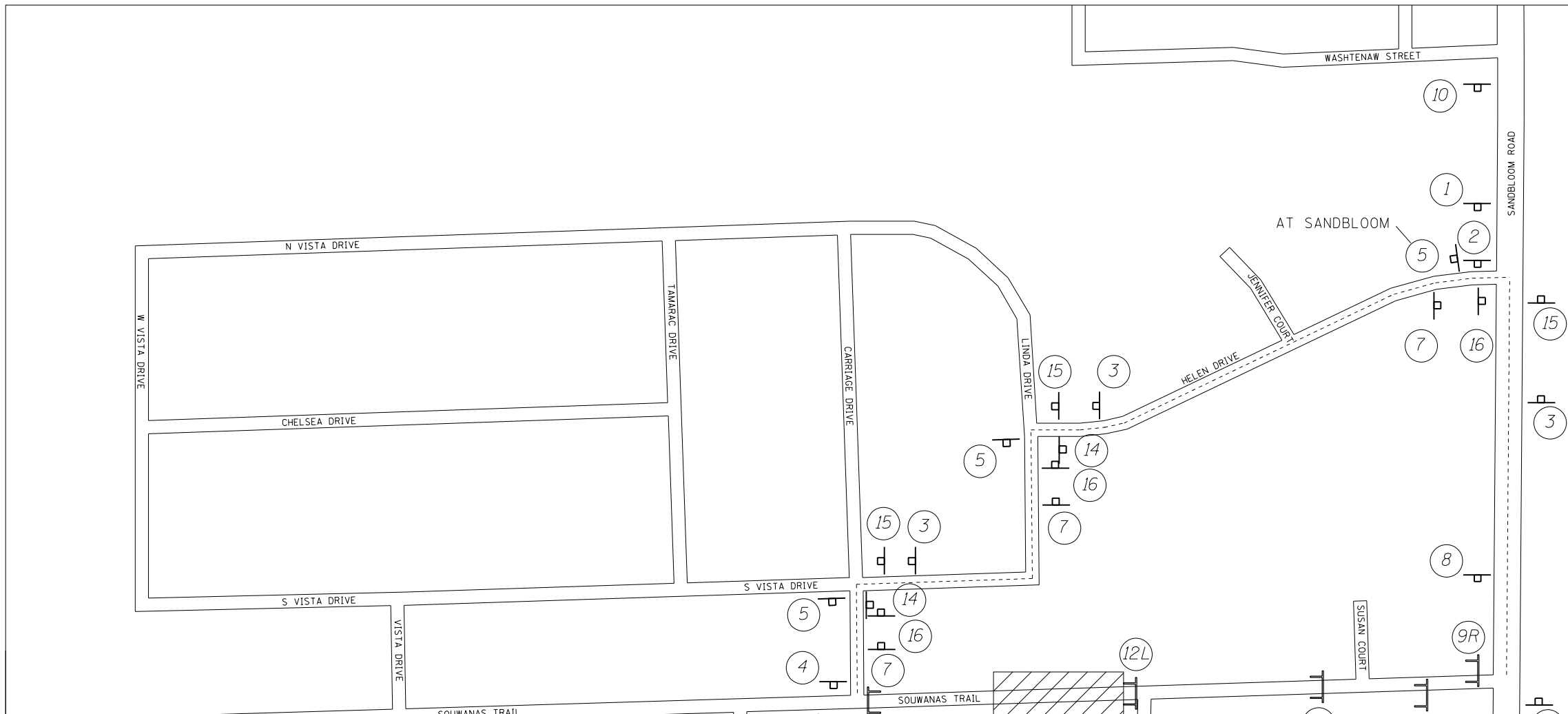
766.63	766.62	767.61	767.60	768.49	768.36	768.84	768.92	769.26	769.27	769.46	769.49	769.59	769.71	769.89	769.92	770.17	770.17	770.48	770.86	770.85	771.27	771.29	771.72	771.78	772.20	772.26	772.72	772.70	773.02	773.10	773.45	773.46	773.85	773.81	774.21	774.16																							
										311+00										312+00										313+00										314+00										315+00									
USER NAME = jstrzal																				DESIGNED - JS																				REVISED -																			
DRAWN - DMS																				CHECKED -																				REVISIED -																			
PLOT SCALE = 100.0004' / 1in.																				DATE -																				REVISIED -																			
PLOT DATE = 4/26/2022																																																											



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN AND PROFILE
 SCHUETT STREET
 SCALE: 1"=50' SHEET 7 OF 7 SHEETS STA. 311+00 TO STA. 315+52.30

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	28
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 61H80



DIRECTION SIGNS

NORTH	M3-1-2412
SOUTH	M3-2-2412
EAST	M3-3-2412
WEST	M3-4-2412
DETOUR	M4-8-2412

ARROW SIGNS

Left Turn Arrow	M5-1L-2115
Right Turn Arrow	M5-1R-2115
Left Arrow	M6-1-2115
Right Arrow	M6-2-2115
Up Arrow	M6-3-2115

ROUTE SIGNS

Souwanas Trail	UNMARKED ROUTES SPECIAL 24"x18"
----------------	------------------------------------

NOTE:
LETTERING SHALL BE 6" BLACK LETTERS ON ORANGE BACKGROUND FOR STREET NAME SIGNS AND INFORMATIONAL SIGNS.

SIGN LEGEND

DETOUR LEGEND

- DETOUR ROUTE
- ⊥ DETOUR GUIDE SIGN
- ⊥ BARRICADE, TYPE III
- ▨ WORK ZONE

* NOTE: SIGNS ARE TO BE MOUNTED ABOVE BARRICADE RAILS.

HRG PROJECT NO.: 17425
HRG PROJ. CONTACT:
FILE NAME: 17425-SRT-detour.dgn
PEN TABLE: PLOT/LABEL.tbl



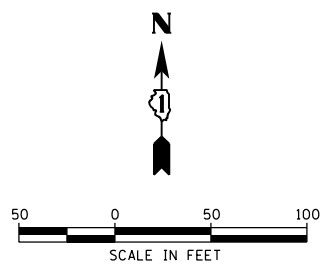
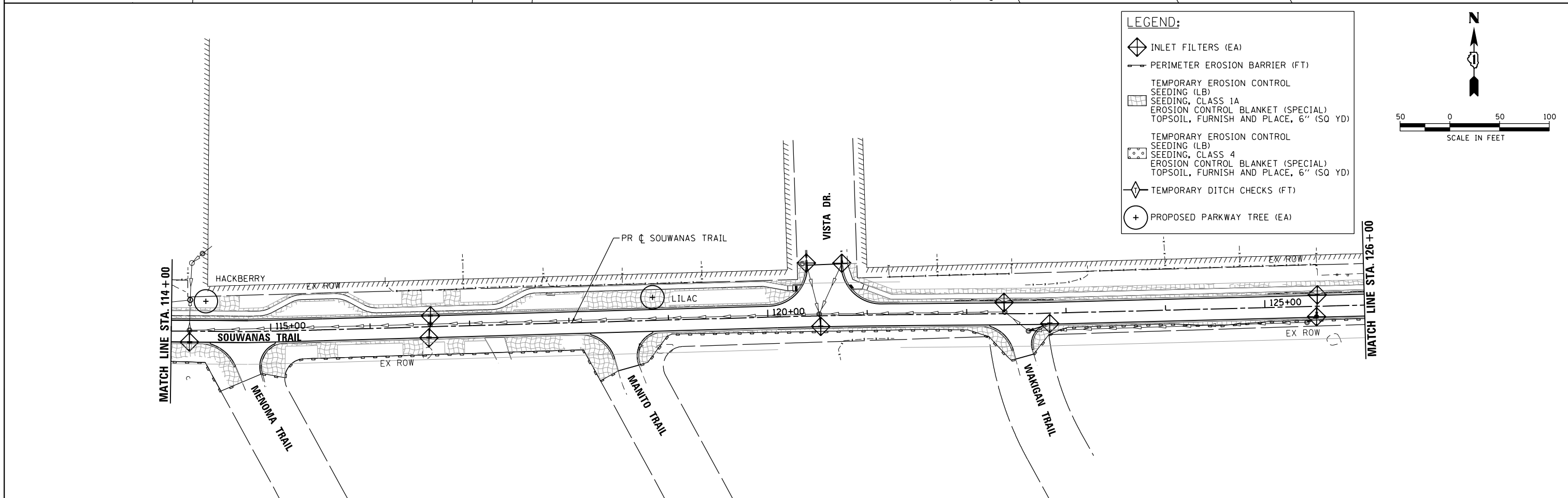
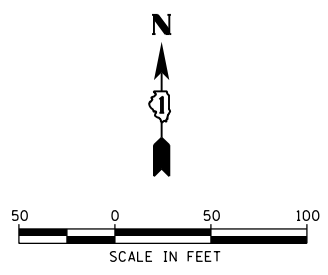
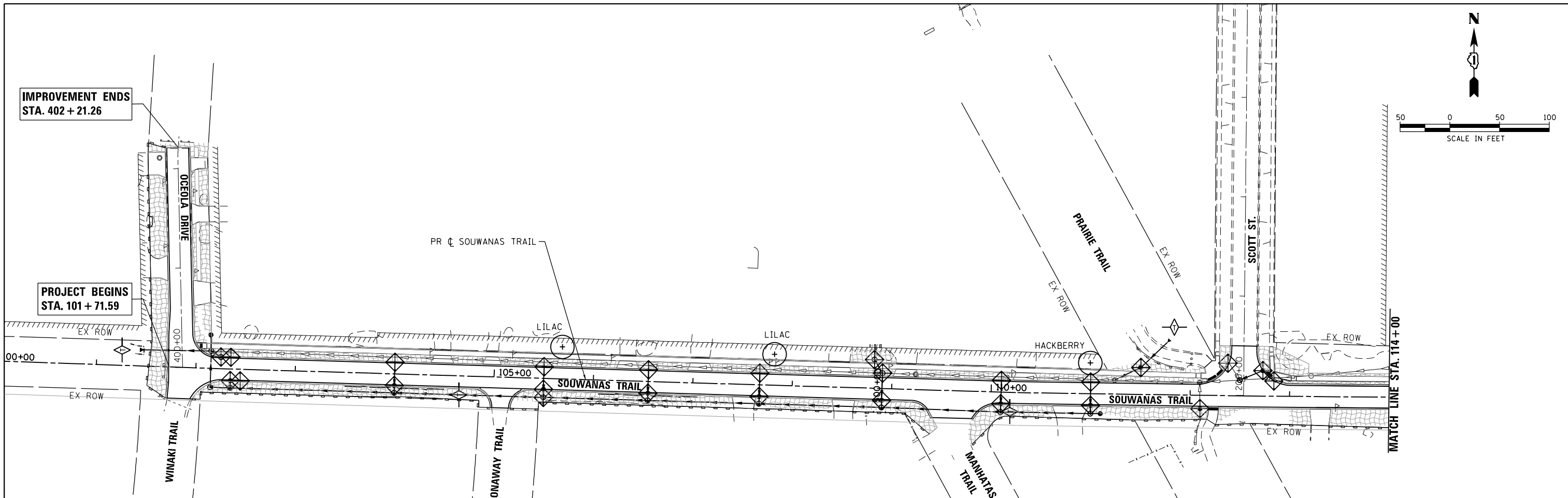
USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED DETOUR PLAN
SOUWANAS TRAIL & SCHUETT STREET**

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

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	29
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		



- LEGEND:**
- INLET FILTERS (EA)
 - PERIMETER EROSION BARRIER (FT)
 - TEMPORARY EROSION CONTROL SEEDING (LB)
 - EROSION CONTROL BLANKET (SPECIAL) TOPSOIL, FURNISH AND PLACE, 6" (SQ YD)
 - TEMPORARY EROSION CONTROL SEEDING (LB)
 - EROSION CONTROL BLANKET (SPECIAL) TOPSOIL, FURNISH AND PLACE, 6" (SQ YD)
 - TEMPORARY DITCH CHECKS (FT)
 - PROPOSED PARKWAY TREE (EA)

HRG PROJECT NO.: #PROJECTNO#
 HRG PROJ. CONTACT: #HRGPM#
 FILE NAME: #FILES#
 PEN TABLE: #PEN TABLE#



USER NAME = *USER*	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = *SCALE*	CHECKED -	REVISED -
PLOT DATE = *DATE*	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

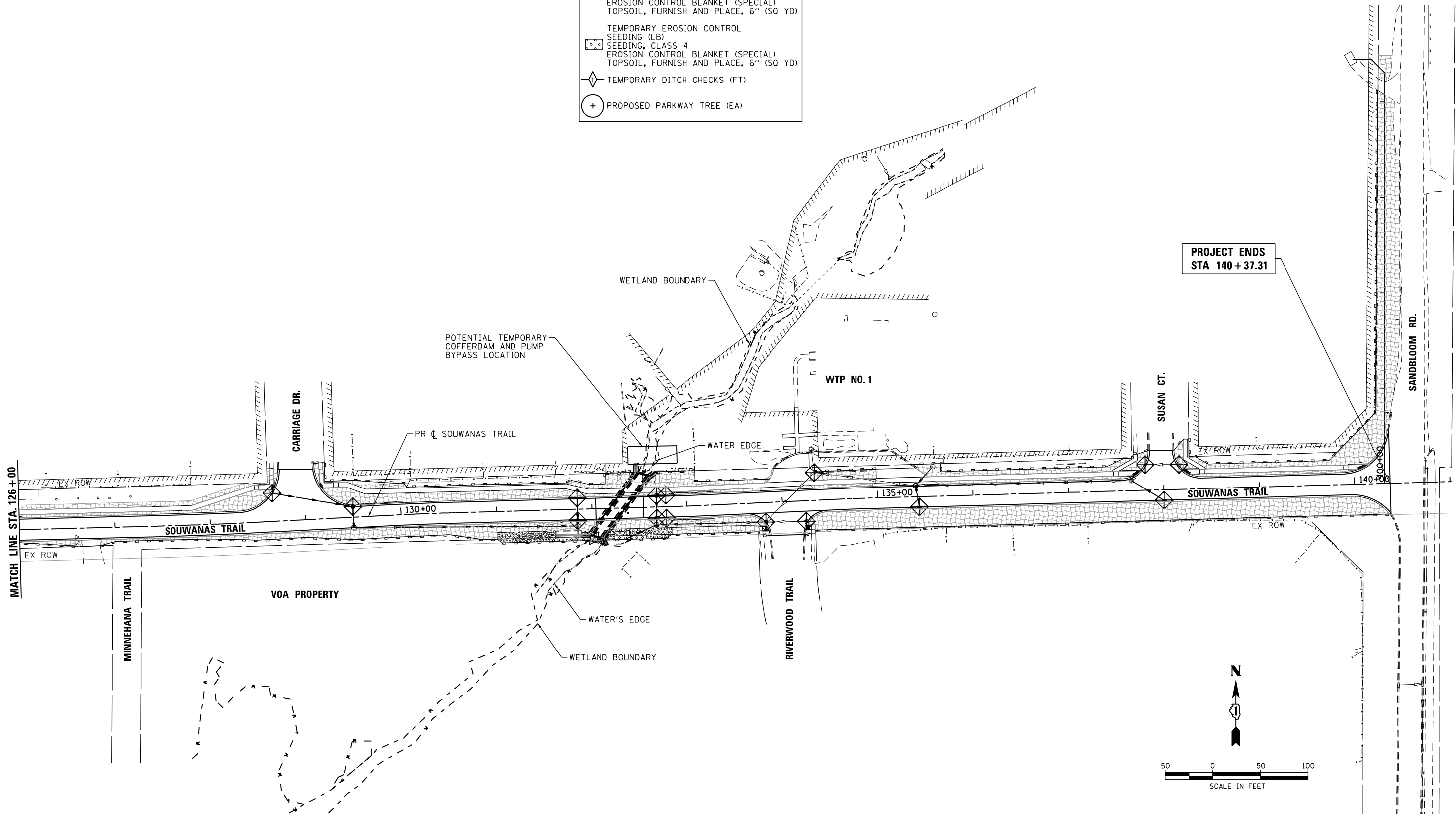
EROSION CONTROL PLAN
SOUWANAS TRAIL & OCEOLA DRIVE
 SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 101+71.59 TO STA. 126+00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	30
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

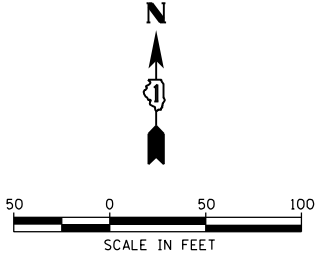
CONTRACT NO. 61H80

LEGEND:

- ◊ INLET FILTERS (EA)
- PERIMETER EROSION BARRIER (FT)
- TEMPORARY EROSION CONTROL SEEDING (LB)
- SEEDING, CLASS 1A
EROSION CONTROL BLANKET (SPECIAL)
TOPSOIL, FURNISH AND PLACE, 6" (SQ YD)
- TEMPORARY EROSION CONTROL SEEDING (LB)
- SEEDING, CLASS 4
EROSION CONTROL BLANKET (SPECIAL)
TOPSOIL, FURNISH AND PLACE, 6" (SQ YD)
- ◇ TEMPORARY DITCH CHECKS (FT)
- ⊕ PROPOSED PARKWAY TREE (EA)



**PROJECT ENDS
STA 140+37.31**



HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-eros-Souwanas-02.dgn
 PEN TABLE: PLOT LABEL.tbl



USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 100.0004' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -





**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

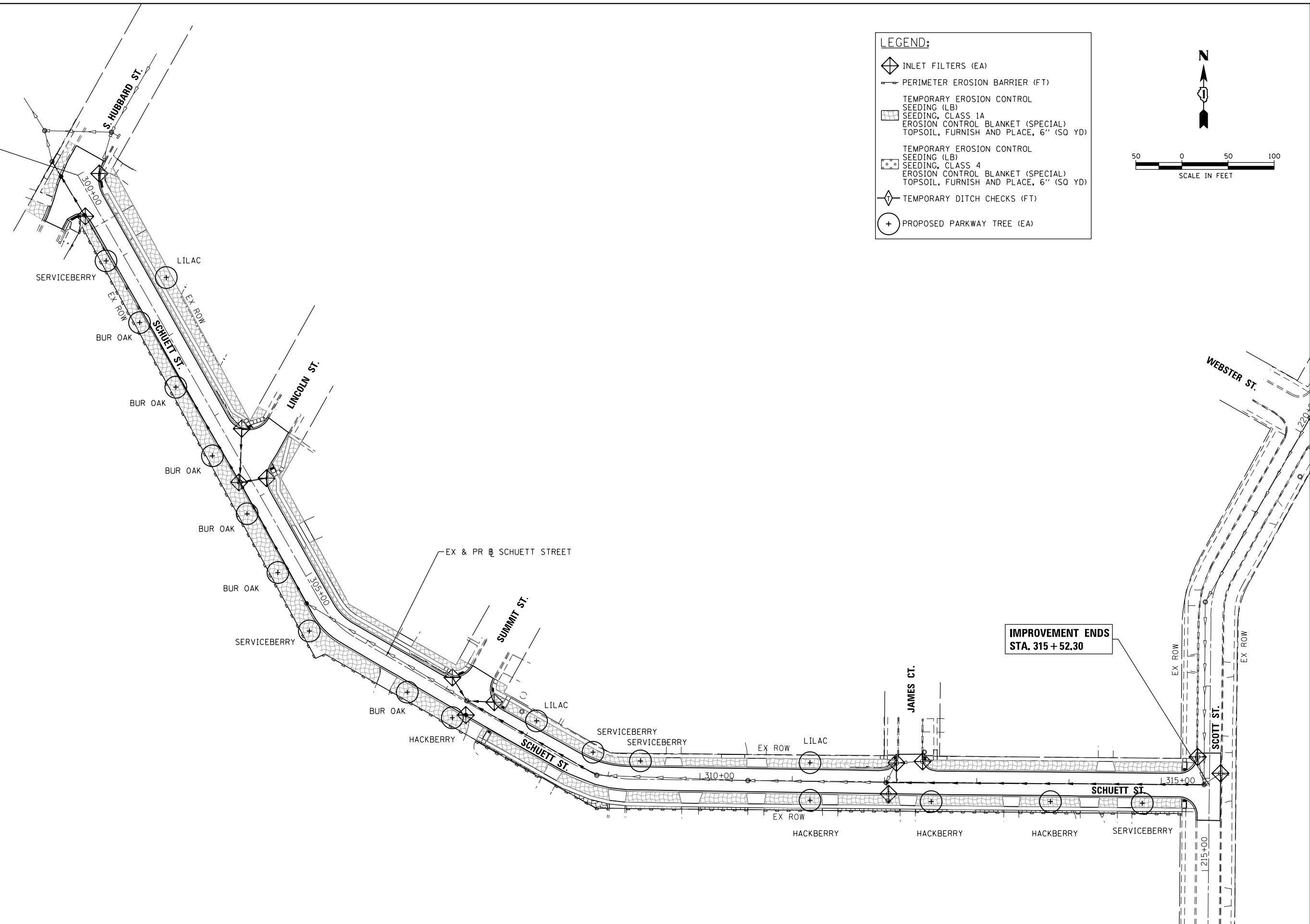
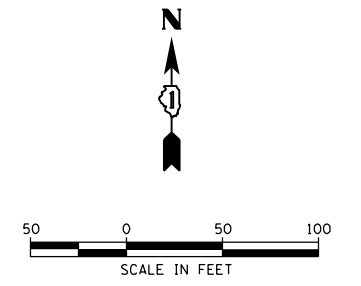
EROSION CONTROL PLAN SOUWANAS TRAIL			
SCALE: 1"=50'	SHEET 2	OF 4 SHEETS	STA. 126+00 TO STA. 140+37.31

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	31
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

IMPROVEMENT BEGINS
STA. 300+00.00

LEGEND:

-  INLET FILTERS (EA)
-  PERIMETER EROSION BARRIER (FT)
- TEMPORARY EROSION CONTROL
SEEDING (LB)
SEEDING, CLASS 1A
EROSION CONTROL BLANKET (SPECIAL)
TOPSOIL, FURNISH AND PLACE, 6" (SQ YD)
- TEMPORARY EROSION CONTROL
SEEDING (LB)
SEEDING, CLASS 4
EROSION CONTROL BLANKET (SPECIAL)
TOPSOIL, FURNISH AND PLACE, 6" (SQ YD)
-  TEMPORARY DITCH CHECKS (FT)
-  PROPOSED PARKWAY TREE (EA)



IMPROVEMENT ENDS
STA. 315+52.30

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SHT-eros-Schuett1-0.dgn
 PEN TABLE: PLOT LABEL.tbl



USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 100.0004' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

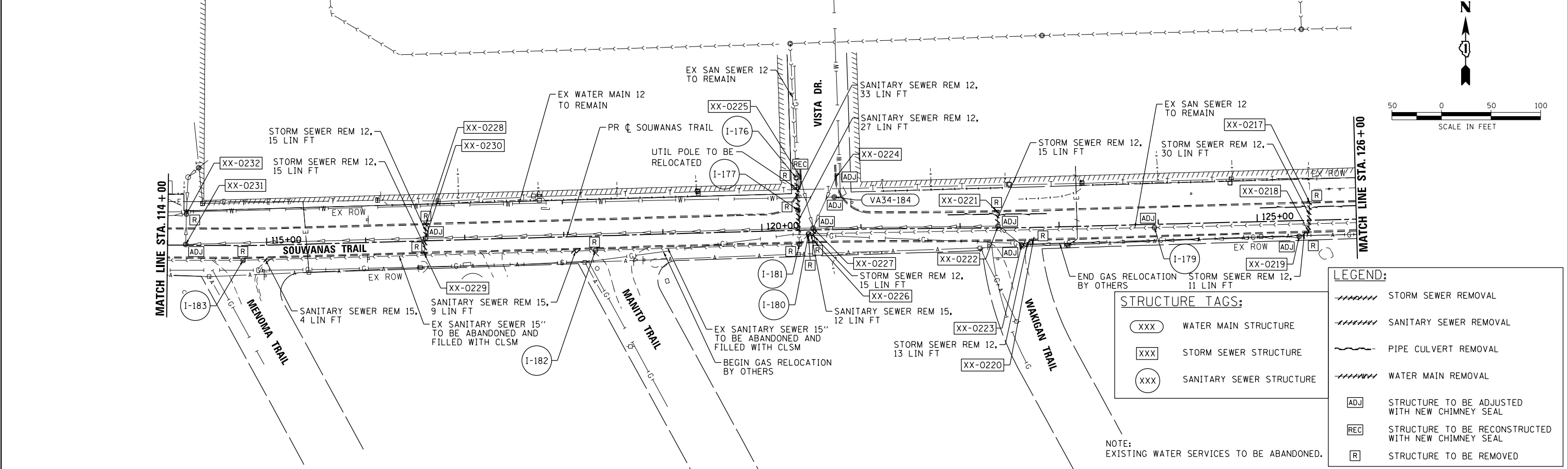
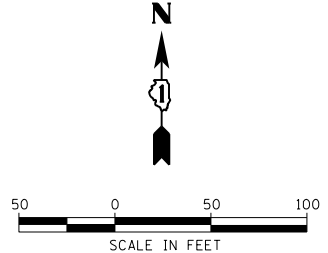
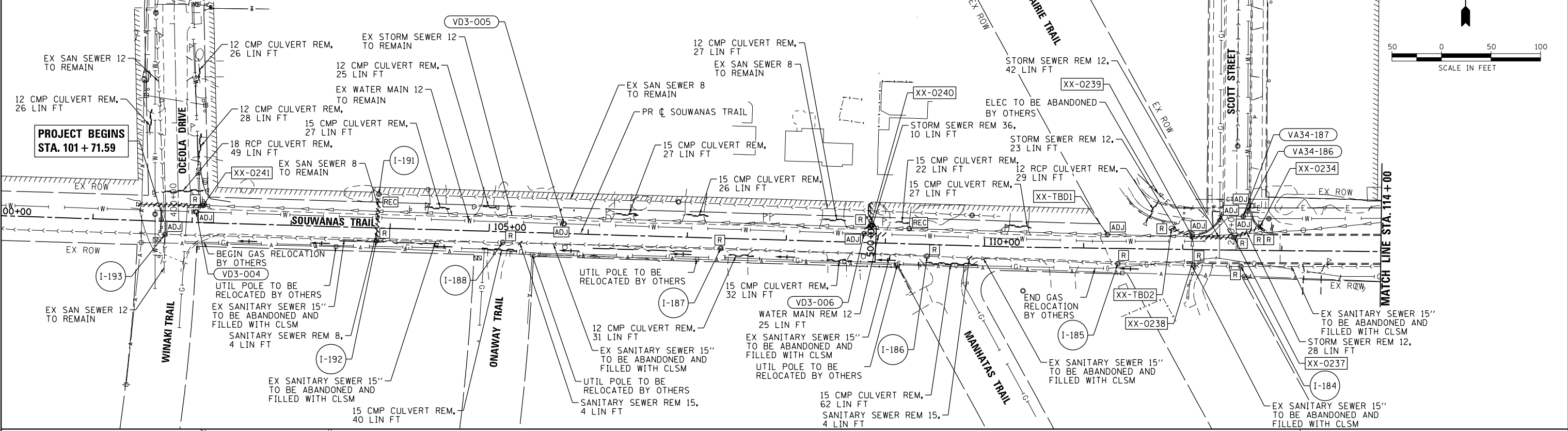
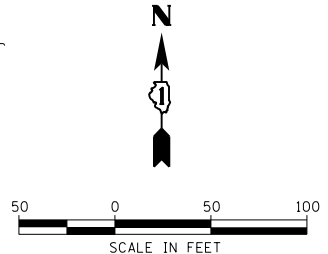
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN	
SCHUETT STREET	
SCALE: 1"=50'	SHEET 4 OF 4 SHEETS
STA. 300+18	TO STA. 315+52.30

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	32
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80	

IMPROVEMENT ENDS
STA. 402 + 21.26

PROJECT BEGINS
STA. 101 + 71.59



LEGEND:

- STORM SEWER REMOVAL
- SANITARY SEWER REMOVAL
- PIPE CULVERT REMOVAL
- WATER MAIN REMOVAL
- STRUCTURE TO BE ADJUSTED WITH NEW CHIMNEY SEAL
- STRUCTURE TO BE RECONSTRUCTED WITH NEW CHIMNEY SEAL
- STRUCTURE TO BE REMOVED

STRUCTURE TAGS:

- WATER MAIN STRUCTURE
- STORM SEWER STRUCTURE
- SANITARY SEWER STRUCTURE

NOTE:
EXISTING WATER SERVICES TO BE ABANDONED.

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-drainrem-Souwanas-0.dgn
 PEN TABLE: PLOT/LABEL.tbl

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 Illinois Professional Design Firm
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USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 100.0004' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY REMOVAL & ADJUSTMENT PLAN
SOUWANAS TRAIL & OCEOLA DRIVE
 SCALE: 1"=50' SHEET 1 OF 4 SHEETS STA. 101+71.59 TO STA. 126+00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	33
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

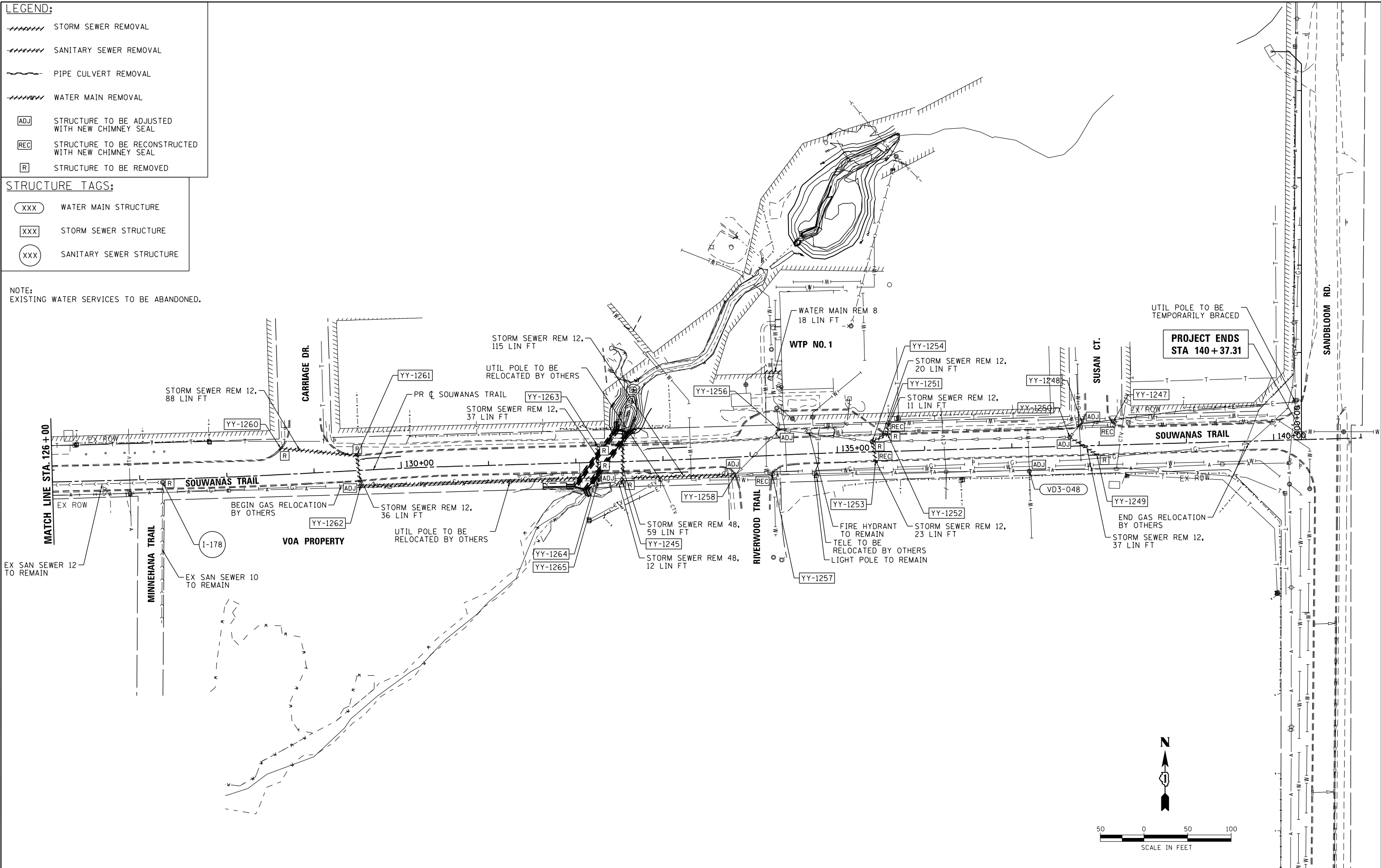
LEGEND:

- ////// STORM SEWER REMOVAL
- ////// SANITARY SEWER REMOVAL
- ~~~~~ PIPE CULVERT REMOVAL
- ////// WATER MAIN REMOVAL
- [ADJ] STRUCTURE TO BE ADJUSTED WITH NEW CHIMNEY SEAL
- [REC] STRUCTURE TO BE RECONSTRUCTED WITH NEW CHIMNEY SEAL
- [R] STRUCTURE TO BE REMOVED

STRUCTURE TAGS:

- (XXX) WATER MAIN STRUCTURE
- [XXX] STORM SEWER STRUCTURE
- (XXX) SANITARY SEWER STRUCTURE

NOTE:
EXISTING WATER SERVICES TO BE ABANDONED.



HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-adj-rem-Souwanas-02.dgn
 PEN TABLE: PLOT LABEL.tbl

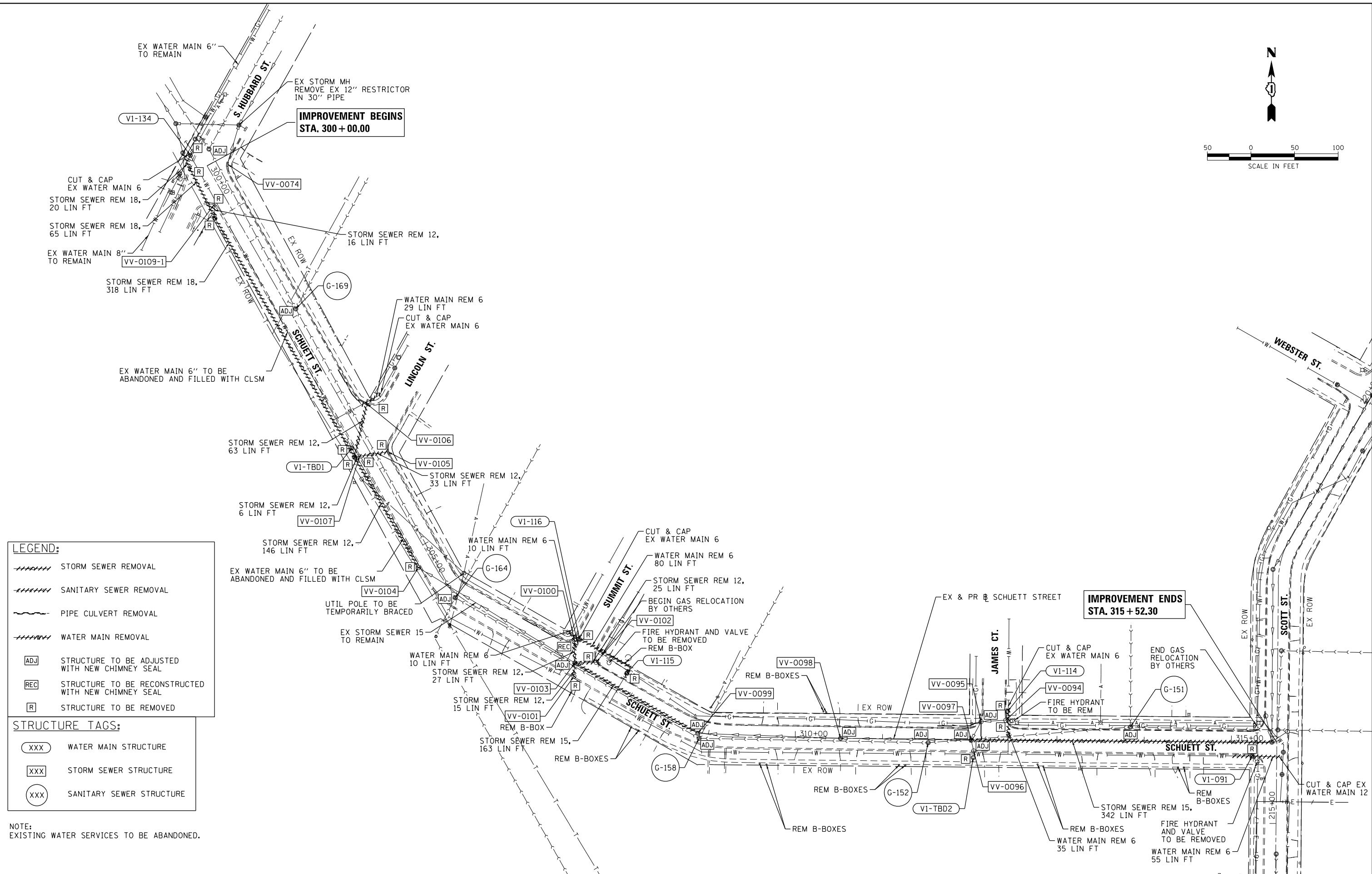
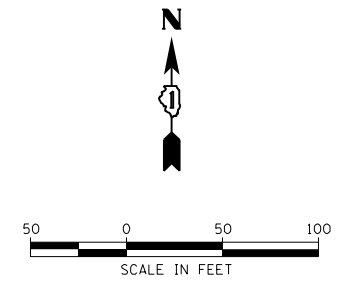

HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY REMOVAL & ADJUSTMENT PLAN
SOUWANAS TRAIL
 SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 126+00 TO STA. 140+37.31

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	34
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		



LEGEND:

- STORM SEWER REMOVAL
- SANITARY SEWER REMOVAL
- PIPE CULVERT REMOVAL
- WATER MAIN REMOVAL
- ADJ** STRUCTURE TO BE ADJUSTED WITH NEW CHIMNEY SEAL
- REC** STRUCTURE TO BE RECONSTRUCTED WITH NEW CHIMNEY SEAL
- R** STRUCTURE TO BE REMOVED

STRUCTURE TAGS:

- XXX** WATER MAIN STRUCTURE
- XXX** STORM SEWER STRUCTURE
- XXX** SANITARY SEWER STRUCTURE

NOTE:
EXISTING WATER SERVICES TO BE ABANDONED.

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 07/25-577-drainrem-schue+1-01.dgn
 PEN TABLE: PLOT/LABEL.tbl



USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 100.0004' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY REMOVAL & ADJUSTMENT PLAN SCHUETT STREET		
SCALE: 1"=50'	SHEET 4 OF 4 SHEETS	STA. 300+18 TO STA. 315+52.30

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	35
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

STORM STRUCTURE ADJUSTMENT SCHEDULE

VILLAGE TAG ID	GEOPAK ALIGNMENT	STATION	OFFSET (LT "-" RT "+") (FOOT)	RIM ELEVATION	FRAMES & LIDS TO BE ADJUSTED (SPECIAL)	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	DRAINAGE STRUCTURE REPAIR	NOTES
					X6030310 (EACH)	60500040 (EACH)	60500050 (EACH)	60500060 (EACH)	Z0018300 (EACH)	
SOUWANAS TRAIL										
XX-0241	PR_SOUWANAS	102+10.76	17.33' LT	-		1				
XX-0240	PR_SOUWANAS	108+83.93	15.52' LT	742.00					1	
XX-TBD1	PR_SOUWANAS	111+23.93	14.00' LT	748.67	1					REPLACE W/ NEW T8 GRATE
XX-TBD2	PR_SOUWANAS	111+88.56	20.95' LT	-			1			
XX-0239	PR_SOUWANAS	112+09.58	12.93' LT	751.10	1					
XX-0238	PR_SOUWANAS	112+10.08	13.48' RT	-				1		
XX-0234	PR_SOUWANAS	112+77.91	23.57' LT	-				1		
XX-0237	PR_SOUWANAS	112+51.74	12.84' LT	-		1				
XX-0231	PR_SOUWANAS	114+18.32	0.80' LT	754.95	1					
XX-0232	PR_SOUWANAS	114+18.71	31.37' LT	-		1				
XX-0229	PR_SOUWANAS	116+58.69	12.47' RT	-				1		
XX-0230	PR_SOUWANAS	116+60.54	2.58' LT	758.30	1					
XX-0228	PR_SOUWANAS	116+61.26	17.06' LT	-				1		
XX-0225	PR_SOUWANAS	120+40.11	53.48' LT	-					1	
XX-0227	PR_SOUWANAS	120+51.68	1.88' LT	774.52	1					
XX-0226	PR_SOUWANAS	120+53.19	12.35' RT	-				1		
XX-0224	PR_SOUWANAS	120+75.37	52.62' LT	-	1					
XX-0221	PR_SOUWANAS	122+37.23	16.94' LT	-				1		
XX-0222	PR_SOUWANAS	122+38.34	1.81' LT	785.35	1					
XX-0223	PR_SOUWANAS	122+62.00	17.46' RT	786.15	1					
XX-0220	PR_SOUWANAS	122+73.72	12.38' RT	-				1		
XX-0217	PR_SOUWANAS	125+53.32	18.16' LT	-				1		
XX-0218	PR_SOUWANAS	125+51.56	11.67' RT	-				1		
XX-0219	PR_SOUWANAS	125+41.89	15.92' RT	795.25	1					
YY-1260	PR_SOUWANAS	128+63.20	30.04' LT	-				1		
YY-1261	PR_SOUWANAS	129+49.99	17.38' LT	-				1		
YY-1262	PR_SOUWANAS	129+52.21	18.07' RT	-		1				
YY-1264	PR_SOUWANAS	132+24.98	11.14' RT	-				1		
YY-1263	PR_SOUWANAS	132+25.19	19.45' LT	-				1		
YY-1265	PR_SOUWANAS	132+26.32	17.63' RT	-		1				
YY-1245	PR_SOUWANAS	132+53.22	23.53' RT	-		1				
YY-1258	PR_SOUWANAS	133+81.63	20.49' RT	-		1				
YY-1257	PR_SOUWANAS	134+24.19	21.56' RT	789.80					1	
YY-1256	PR_SOUWANAS	134+34.69	29.02' LT	790.64	1					
YY-1254	PR_SOUWANAS	135+40.07	11.69' LT	-		1				
YY-1253	PR_SOUWANAS	135+43.32	10.74' RT	793.70					1	
YY-1252	PR_SOUWANAS	135+57.94	19.82' LT	-				1		
YY-1251	PR_SOUWANAS	135+58.51	31.12' LT	793.80					1	
YY-1250	PR_SOUWANAS	137+66.49	10.44' LT	807.70	1					
YY-1248	PR_SOUWANAS	137+81.12	26.77' LT	-	1					
YY-1249	PR_SOUWANAS	137+96.98	10.59' RT	-				1		
YY-1247	PR_SOUWANAS	138+16.45	26.06' LT	811.25					1	
SCHUETT STREET										
VV-0074	EX_SCHUETT	300+09.82	21.15' LT	749.75	1					
VV-0109-1	EX_SCHUETT	300+42.66	14.97' RT	749.98	1					
VV-0106	EX_SCHUETT	303+27.68	24.29' LT	-				1		
VV-0107	EX_SCHUETT	303+75.81	12.84' RT	752.20					1	
VV-0105	EX_SCHUETT	303+87.58	18.19' LT	-				1		
VV-0104	EX_SCHUETT	305+20.13	17.34' RT	752.84	1					
VV-0100	EX_SCHUETT	307+11.65	24.07' LT	-				1		
VV-0103	EX_SCHUETT	307+25.78	1.42' LT	754.54	1					
VV-0102	EX_SCHUETT	307+46.63	14.37' LT	-				1		
VV-0101	EX_SCHUETT	307+32.59	12.43' RT	-			1			
VV-0099	EX_SCHUETT	308+88.10	1.90' RT	757.15	1					
VV-0098	EX_SCHUETT	310+51.97	0.14' RT	763.90	1					
VV-0097	EX_SCHUETT	312+01.69	0.79' RT	769.28	1					
VV-0095	EX_SCHUETT	312+12.80	20.66' LT	769.09	1					
VV-0096	EX_SCHUETT	312+04.71	13.09' RT	769.01	1					
VV-0094	EX_SCHUETT	312+41.13	22.50' LT	768.97					1	
TOTAL					21	8	2	19	8	

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SN-drain-adjstment-sched01.dgn
 PEN TABLE: PLOT LABEL.TBL



USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM STRUCTURE ADJUSTMENT SCHEDULE
SOUWANAS TRAIL & SCHUETT STREET

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

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	36
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

SANITARY STRUCTURE ADJUSTMENT SCHEDULE

VILLAGE TAG ID	GEOPAK ALIGNMENT	STATION	OFFSET (LT "-" RT "+") (FOOT)	RIM / BURY LINE ELEVATION	FRAMES & LIDS TO BE ADJUSTED (SPECIAL)	NEW T1FCL	SANITARY MANHOLES TO BE REMOVED	MANHOLE RECONSTRUCTION	NOTES
					X6030310 (EACH)	60406100 (EACH)	X6026054 (EACH)	SANITARY X6026051 (EACH)	
SOUWANAS TRAIL									
I-177	PR_SOUWANAS	120+36.83	20.40' LT	-			1		
I-176	PR_SOUWANAS	120+35.96	52.87' LT	-			1		
I-178	PR_SOUWANAS	127+26.11	3.67' RT	-			1		
I-179	PR_SOUWANAS	123+96.05	3.24' RT	791.65	1	1			
I-180	PR_SOUWANAS	120+47.02	3.87' LT	-			1		
I-181	PR_SOUWANAS	120+37.49	14.17' RT	-			1		
I-182	PR_SOUWANAS	118+31.50	14.58' RT	-			1		
I-183	PR_SOUWANAS	114+76.34	14.66' RT	-			1		
I-184	PR_SOUWANAS	112+59.09	16.43' RT	-			1		
I-185	PR_SOUWANAS	111+34.80	15.31' RT	-			1		
I-186	PR_SOUWANAS	109+42.57	11.87' RT	-			1		
I-187	PR_SOUWANAS	107+34.08	10.11' RT	-			1		
I-188	PR_SOUWANAS	105+13.98	10.82' RT	-			1		
I-191	PR_SOUWANAS	103+87.61	34.15' LT	738.36				1	
I-192	PR_SOUWANAS	103+86.66	12.76' RT	-			1		
I-193	PR_SOUWANAS	101+73.33	13.08' RT	732.17	1	1			EXISTING DROP MANHOLE
SCHUETT STREET									
G-151	EX_SCHUETT	313+84.20	16.18' LT	771.42	1	1			
G-152	EX_SCHUETT	311+52.42	4.19' RT	768.05	1	1			
G-158	EX_SCHUETT	308+91.07	7.01' RT	757.45	1	1			
G-164	EX_SCHUETT	305+70.19	4.32' RT	753.16	1	1			
G-169	EX_SCHUETT	301+92.82	7.27' LT	750.23	1	1			
TOTAL					7	7	13	1	

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SN-drain-adjustment-sched.dwg
 PLOT DATE: 4/26/2022
 PEN TABLE: PLOTLABEL.tbl



USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SANITARY STRUCTURE ADJUSTMENT SCHEDULE
SOUWANAS TRAIL & SCHUETT STREET

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

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	37
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

WATER STRUCTURE ADJUSTMENT SCHEDULE

VILLAGE TAG ID	GEOPAK ALIGNMENT	STATION	OFFSET (LT '-', RT '+') (FOOT)	RIM ELEVATION	FRAMES & LIDS TO BE ADJUSTED (SPECIAL)	
					X6030310 (EACH)	NEW T1FCL 60406100 (EACH)
SOUWANAS TRAIL						
VD3-004	PR_SOUWANAS	102+03.85	10.70' LT	732.88	1	1
VD3-005	PR_SOUWANAS	105+75.38	9.81' LT	739.23	1	1
VD3-006	PR_SOUWANAS	108+78.26	8.92' LT	741.92	1	1
VA34-187	PR_SOUWANAS	112+60.70	34.24' LT	753.21	1	1
VA34-186	PR_SOUWANAS	112+65.05	39.63' LT	753.21	1	1
VA34-184	PR_SOUWANAS	120+73.63	32.73' LT	776.00	1	1
TOTAL					6	6

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-drain-adjstment-sched.dgn
 PLOT DATE: 4/26/2022
 PEN TABLE: PLOTLABEL.tbl



USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN STRUCTURE ADJUSTMENT SCHEDULE
SOUWANAS TRAIL & SCHUETT STREET

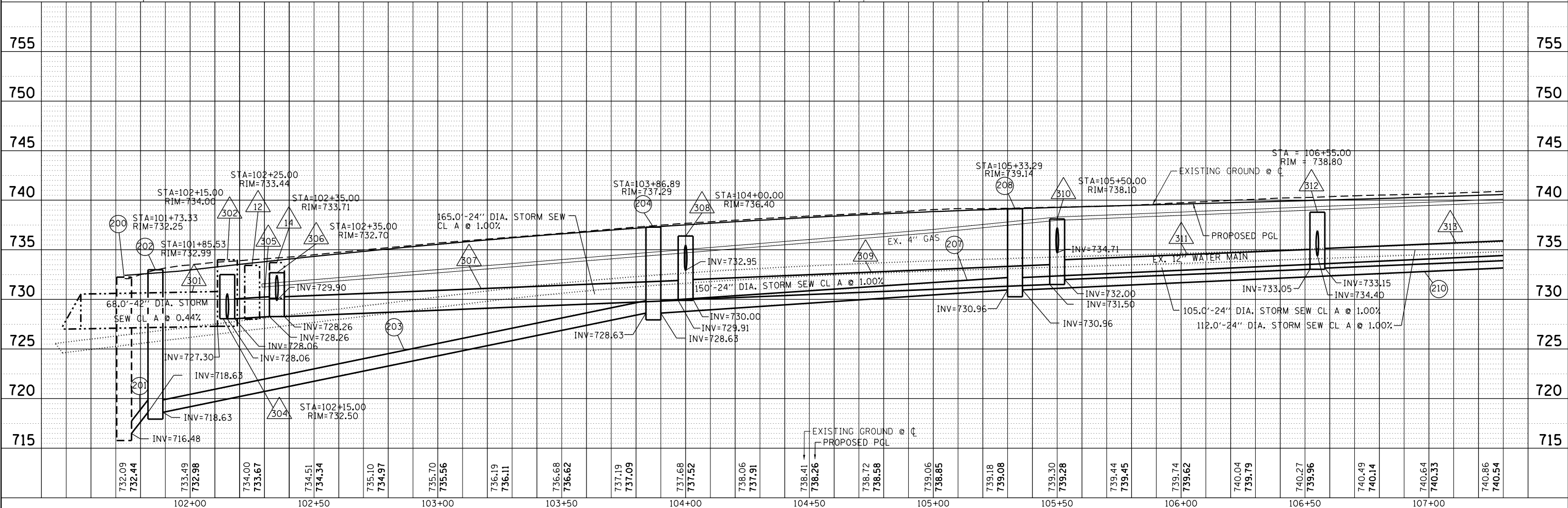
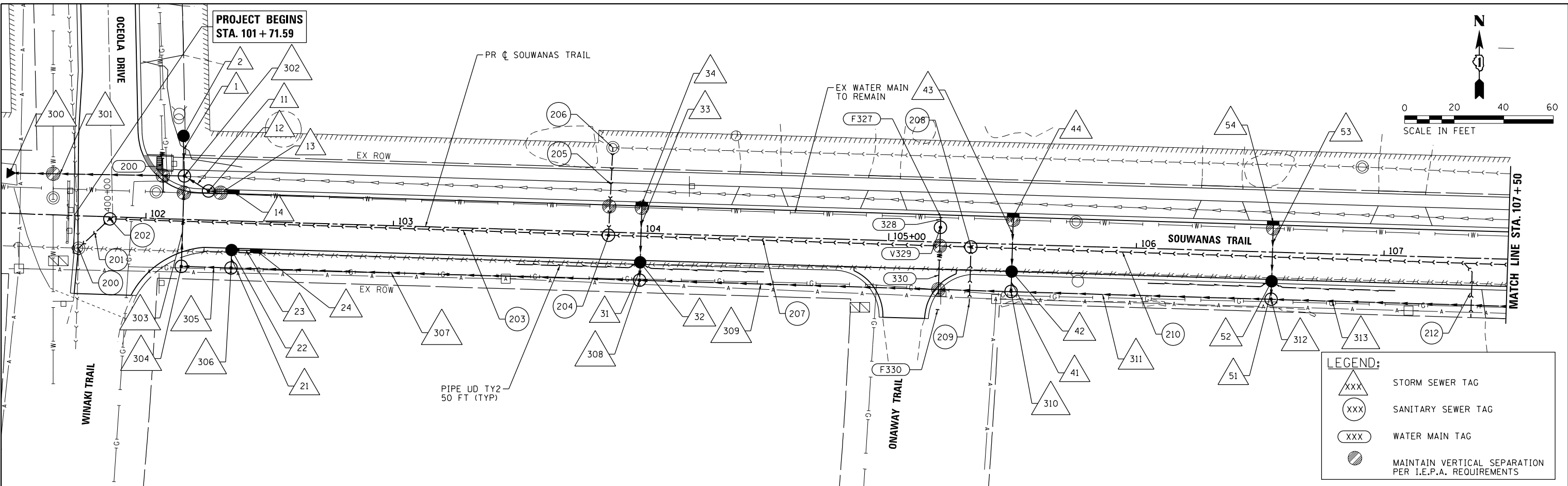
SCALE: NTS SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
•	17-00092-00-PV	MCHENRY	108	38
•	4003, 4004	CONTRACT NO.	61H80	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. OF SHEETS	
	FILE NAME	
	FILE NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	

HRG PROJECT NO.: #PROJECT/NO#
 HRG PROJ. CONTACT: #HRG/PM#
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732.09	732.44	733.49	732.98	734.00	733.67	734.51	734.34	735.10	734.97	735.70	735.56	736.19	736.11	736.68	736.62	737.19	737.09	737.68	737.52	738.06	737.91	738.41	738.26	738.72	738.58	739.06	738.85	739.18	739.08	739.30	739.28	739.44	739.45	739.74	739.62	740.04	739.79	740.27	739.96	740.49	740.14	740.64	740.33	740.86	740.54			
102+00	102+00	102+00	102+00	102+00	102+00	102+50	102+50	102+50	102+50	103+00	103+00	103+00	103+00	103+50	103+50	104+00	104+00	104+00	104+00	104+50	104+50	105+00	105+00	105+00	105+00	105+50	105+50	106+00	106+00	106+00	106+00	106+00	106+00	106+50	106+50	107+00	107+00	107+00	107+00	107+00	107+00	107+00	107+00	107+00	107+00	107+00	107+00	107+00

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USER NAME : #USER#	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE : #SCALE#	CHECKED -	REVISED -
PLOT DATE : #DATE#	DATE -	REVISED -

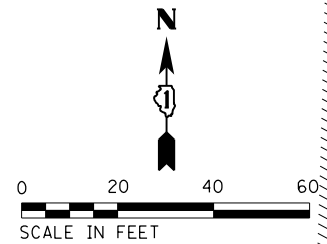
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN AND PROFILE		
SOUWANAS TRAIL		
SCALE: 1"=20'	SHEET 1 OF 17 SHEETS	STA. 101+71.59 TO STA. 107+50

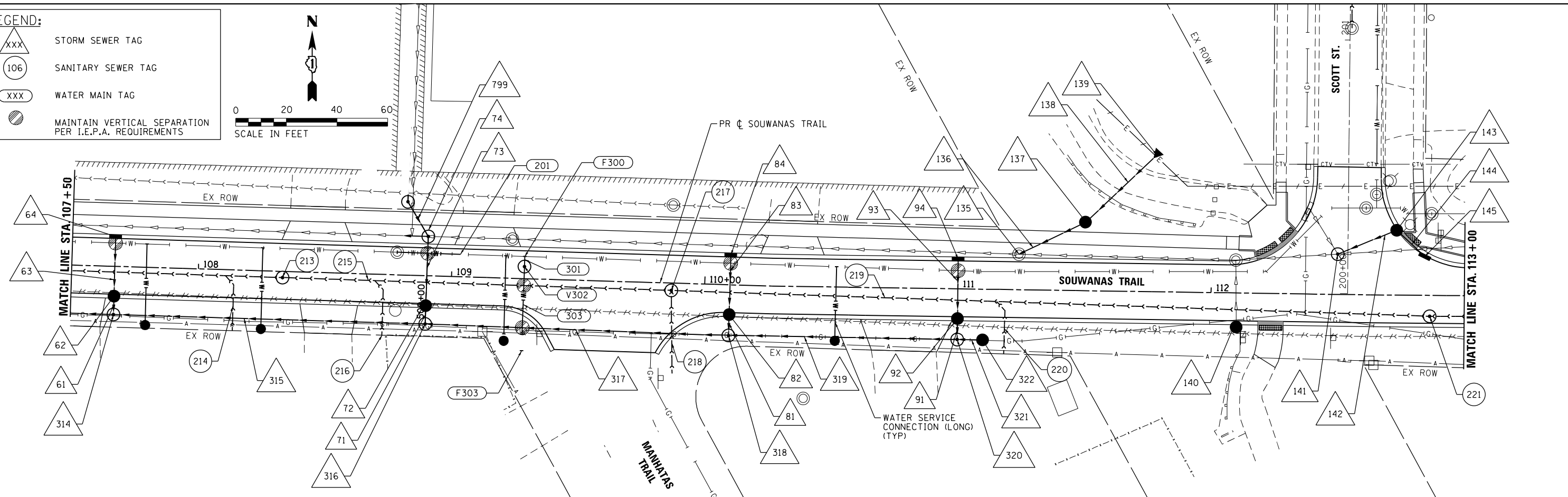
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4003, 4004	17-00092-00-PV	MCHENRY	108	39
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

LEGEND:

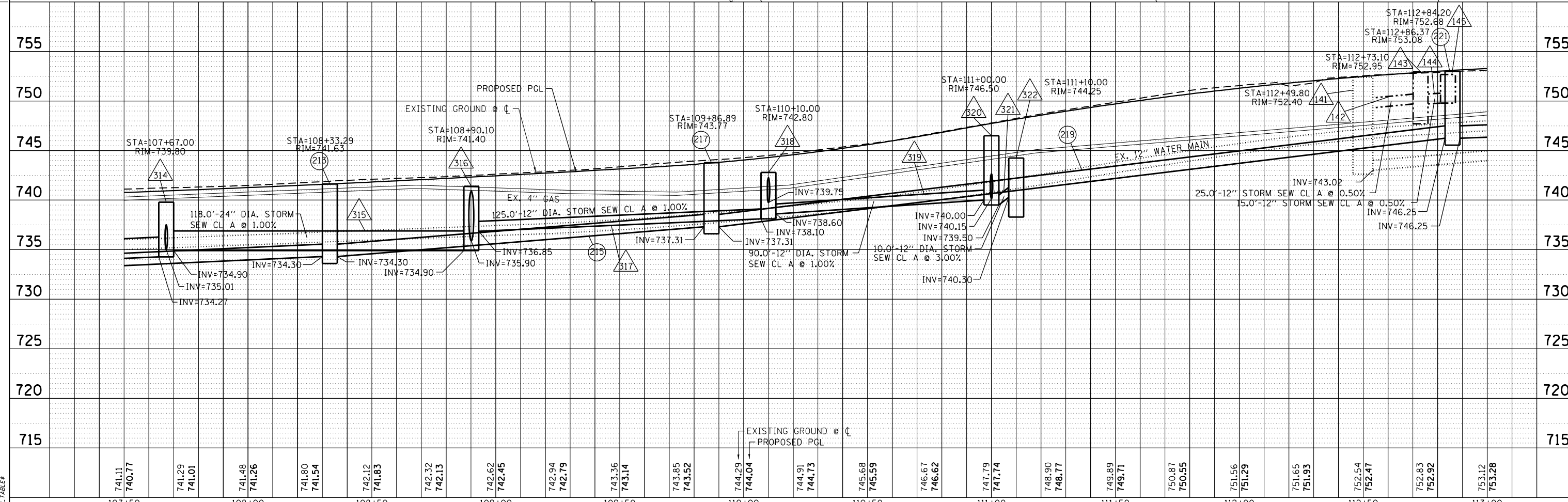
- △XXX STORM SEWER TAG
- 106 SANITARY SEWER TAG
- XXX WATER MAIN TAG
- MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS



DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILED
	NO. _____
	NO. _____
	NO. _____
	NO. _____



DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NO. _____
	NO. _____
	NO. _____
	NO. _____



HRG PROJECT NO.: #PROJECT/NO#
 HRG PROJ. CONTACT: #HRG/PM#
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PLOT SCALE : *SCALE*	DRAWN - DMS	REVISED -
PLOT DATE : *DATE*	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

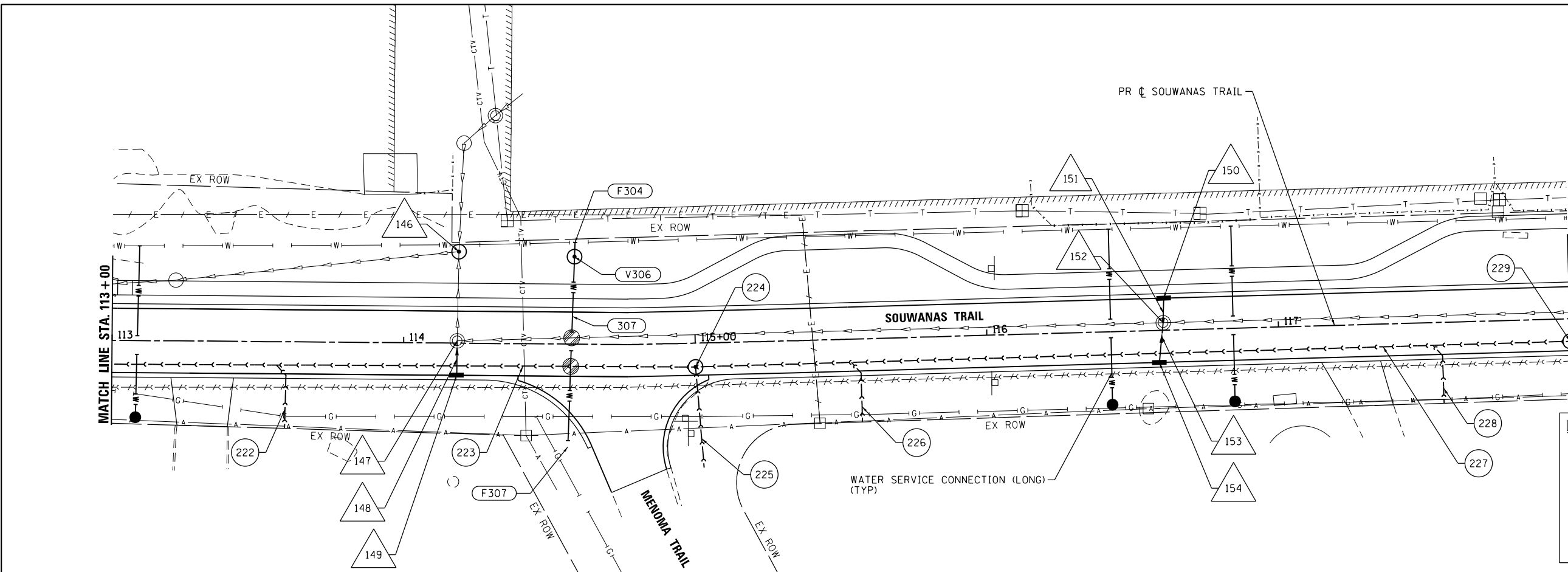
DRAINAGE AND UTILITY PLAN AND PROFILE
SOUWANAS TRAIL
 SCALE: 1"=20'
 SHEET 2 OF 17 SHEETS
 STA. 107+50 TO STA. 113+00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	40
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

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	PIOTTED	
	ALIGNED	
	CHECKED	
	DESIGNED	
NOTE BOOK	CAD FILE NAME	
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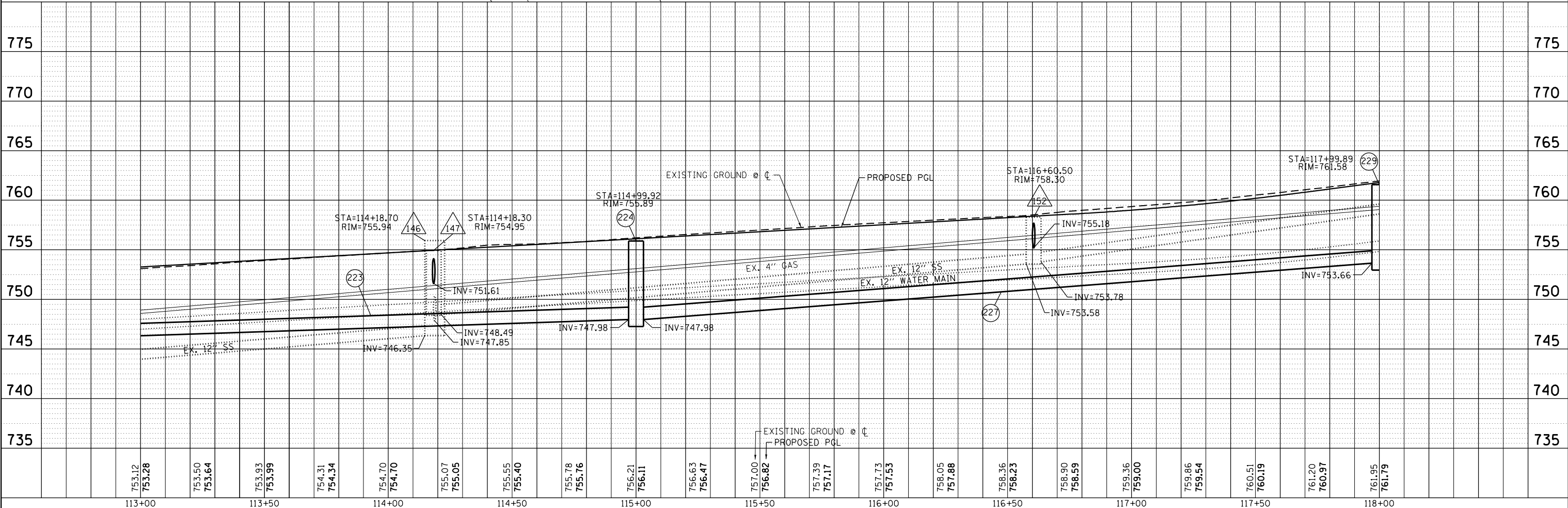
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	PIOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
NOTE BOOK		
NO.		

HRG PROJECT NO.: #PROJECT#
 HRG PROJ. CONTACT: #HRGPM#
 FILE NAME: #FILES#
 PEN TABLE: #PEN TABLES#



LEGEND:

- ▲XXX STORM SEWER TAG
- 106 SANITARY SEWER TAG
- XXX WATER MAIN TAG
- ◉ MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS



753.12	753.28	753.50	753.64	753.93	753.99	754.31	754.34	754.70	754.70	755.07	755.05	755.55	755.40	755.78	755.76	756.21	756.11	756.63	756.47	757.00	756.82	757.39	757.17	757.73	757.53	758.05	757.88	758.36	758.23	758.90	758.59	759.36	759.00	759.86	759.54	760.51	760.19	761.20	760.97	761.95	761.79
113+00				113+50				114+00				114+50				115+00				115+50				116+00				116+50				117+00				117+50				118+00	

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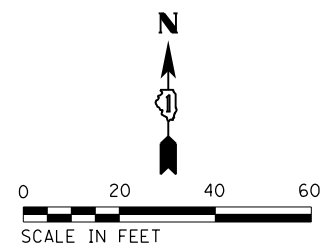
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DRAWN - DMS	REVISED -	
PLOT SCALE : *SCALE*	CHECKED -	REVISED -
PLOT DATE : *DATE*	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN AND PROFILE
 SOUWANAS TRAIL**

SCALE: 1"=20' SHEET 3 OF 17 SHEETS STA. 113+00 TO STA. 118+00

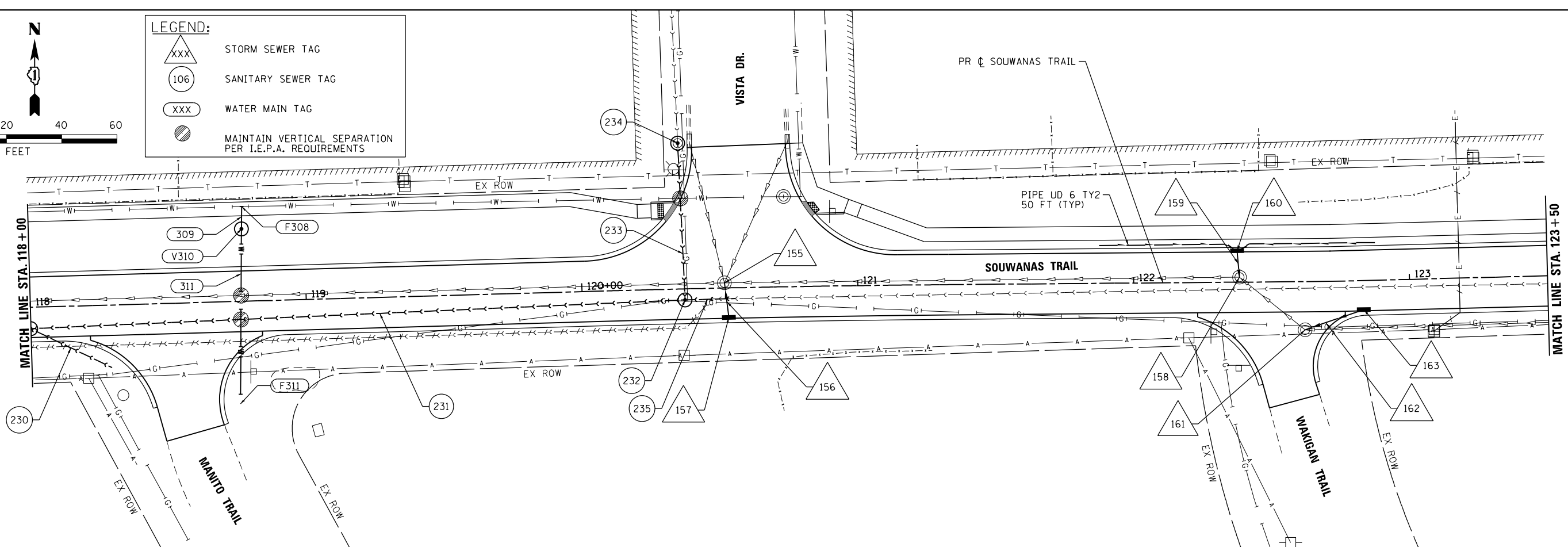
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	41
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO.	61H80



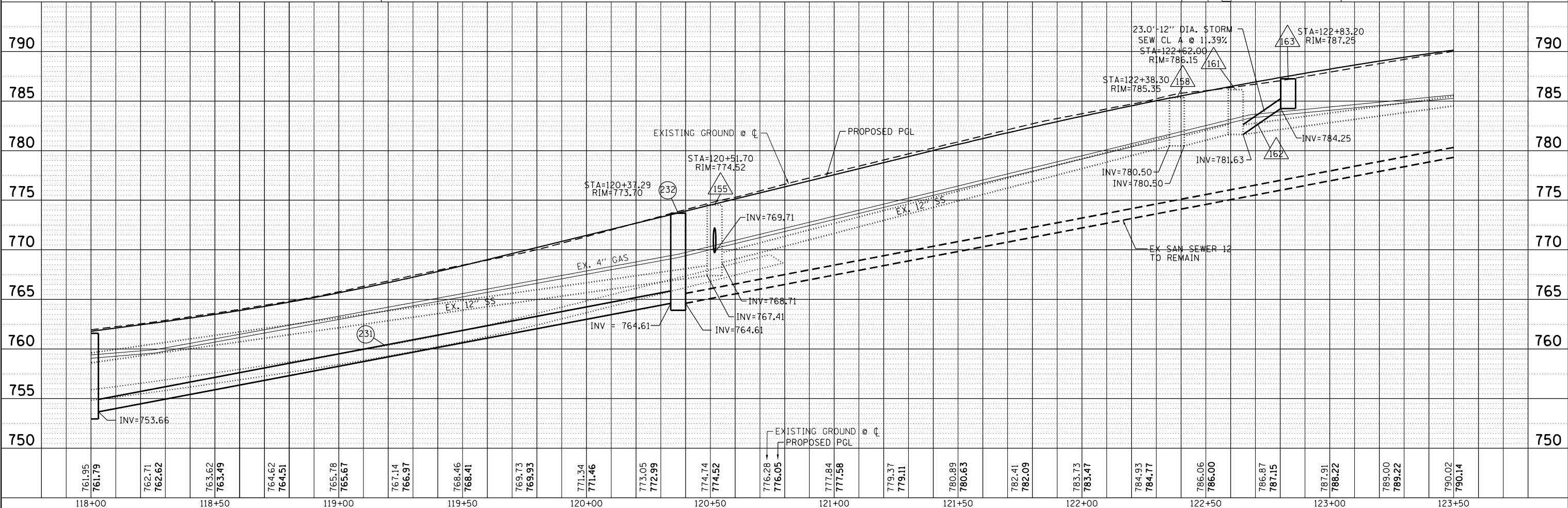
LEGEND:

- STORM SEWER TAG
- SANITARY SEWER TAG
- WATER MAIN TAG
- MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS

PLAN	SURVEYED	DATE
	PLOTTED	BY
	NOTE BOOK	
	NO.	
	ALIGNED	
	CHECKED	
	FILED	
	DATE	
	BY	
	FILE NAME	
	NO.	
	FILE NAME	
	NO.	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE	
	NOT AT THIS OFFICE	



HRG PROJECT NO.: #PROJECT#
 HRG PROJ. CONTACT: #HRGPM#
 FILE NAME: #FILES#
 PEN TABLE: #PEN#

118+00	761.95	761.79	762.71	762.62	763.62	763.49	764.62	764.51	765.78	765.67	767.14	766.97	768.46	768.41	769.73	769.93	771.34	771.46	773.05	772.99	774.74	774.52	776.28	776.05	777.84	777.58	779.37	779.11	780.89	780.63	782.41	782.09	783.73	783.47	784.93	784.77	786.06	786.00	786.87	787.15	787.91	788.22	789.00	789.22	790.02	790.14		
118+00	118+50	119+00	119+50	120+00	120+50	121+00	121+50	122+00	122+50	123+00	123+50																																					

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USER NAME : #USER#	DESIGNED - JS	REVISED -
PLOT SCALE : #SCALE#	DRAWN - DMS	REVISED -
PLOT DATE : #DATE#	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

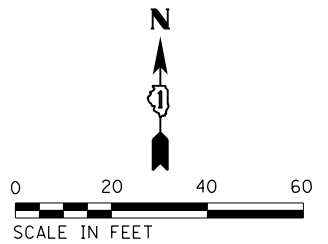
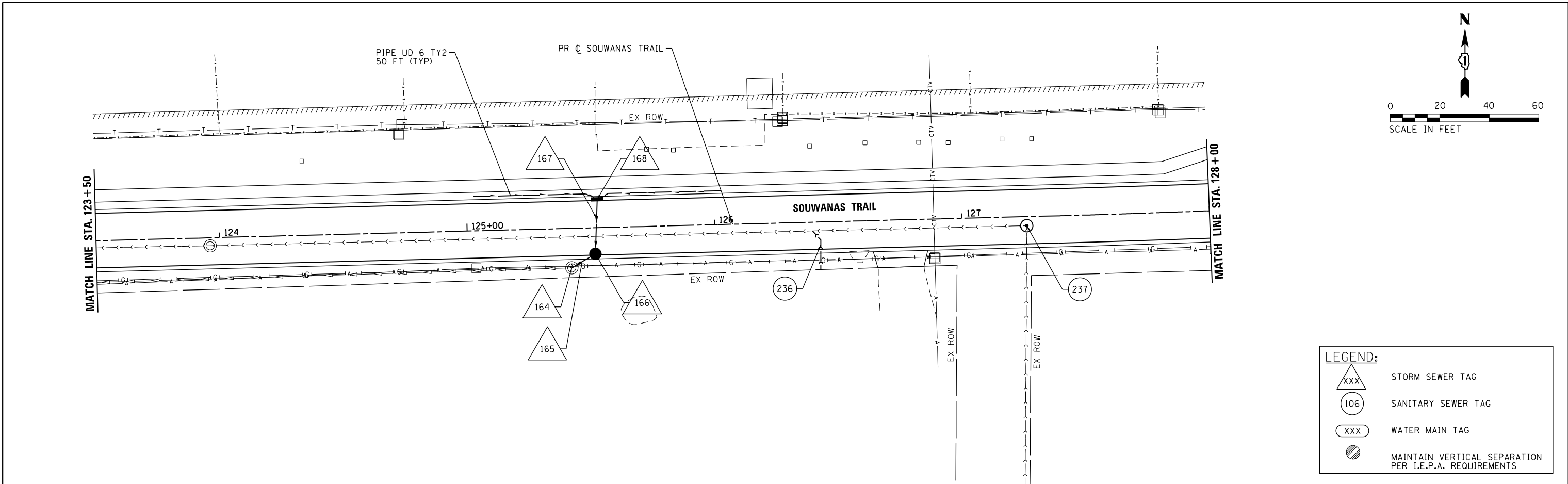
DRAINAGE AND UTILITY PLAN AND PROFILE
SOUWANAS TRAIL
 SCALE: 1"=20' SHEET 4 OF 17 SHEETS STA. 118+00 TO STA. 123+50

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	42
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	61H80	

PLAN	SURVEYED	BY	DATE
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	FILED		
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	TABLE NO. _____		

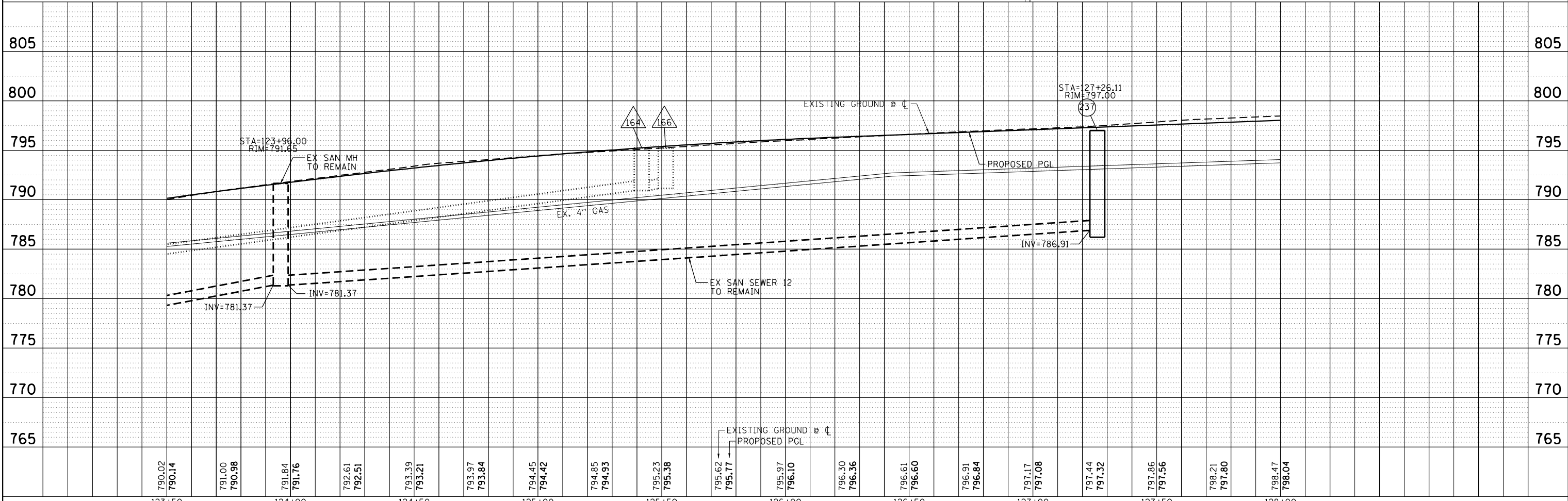
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. _____		
	FILE NAME _____		
	TABLE NO. _____		

HRG PROJECT NO.: #PROJECT/NO#
 HRG PROJ. CONTACT: #HRG/PM#
 FILE NAME: #FILES#_DRWG#
 PEN TABLE: #PEN#_TABLE#



LEGEND:

	STORM SEWER TAG
	SANITARY SEWER TAG
	WATER MAIN TAG
	MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS



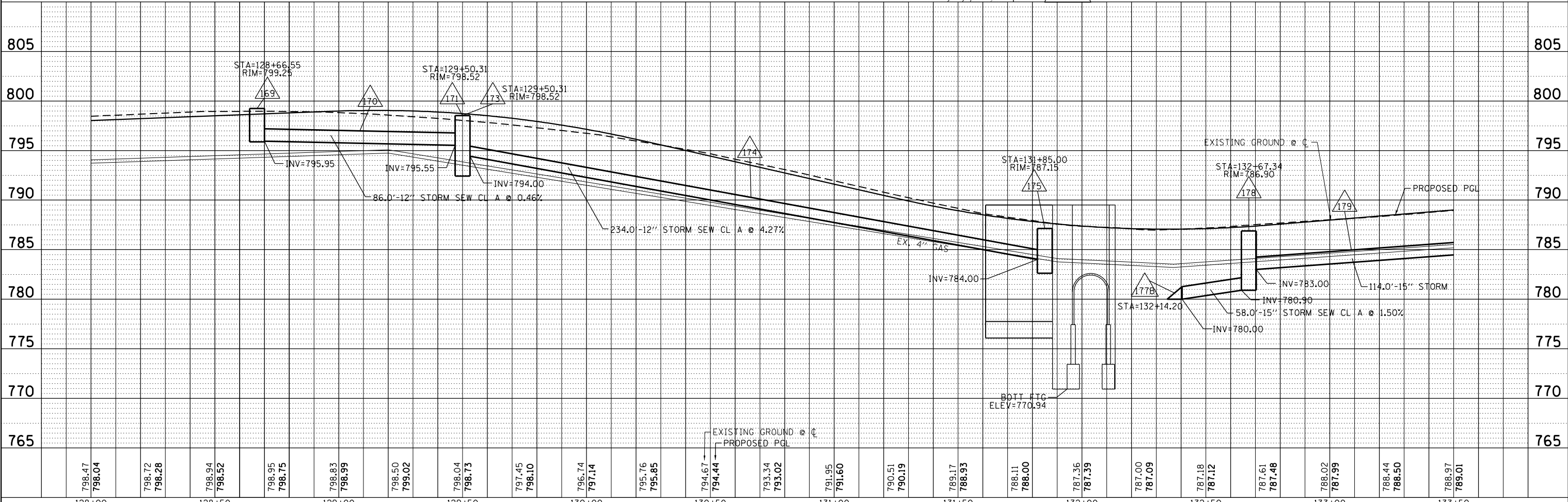
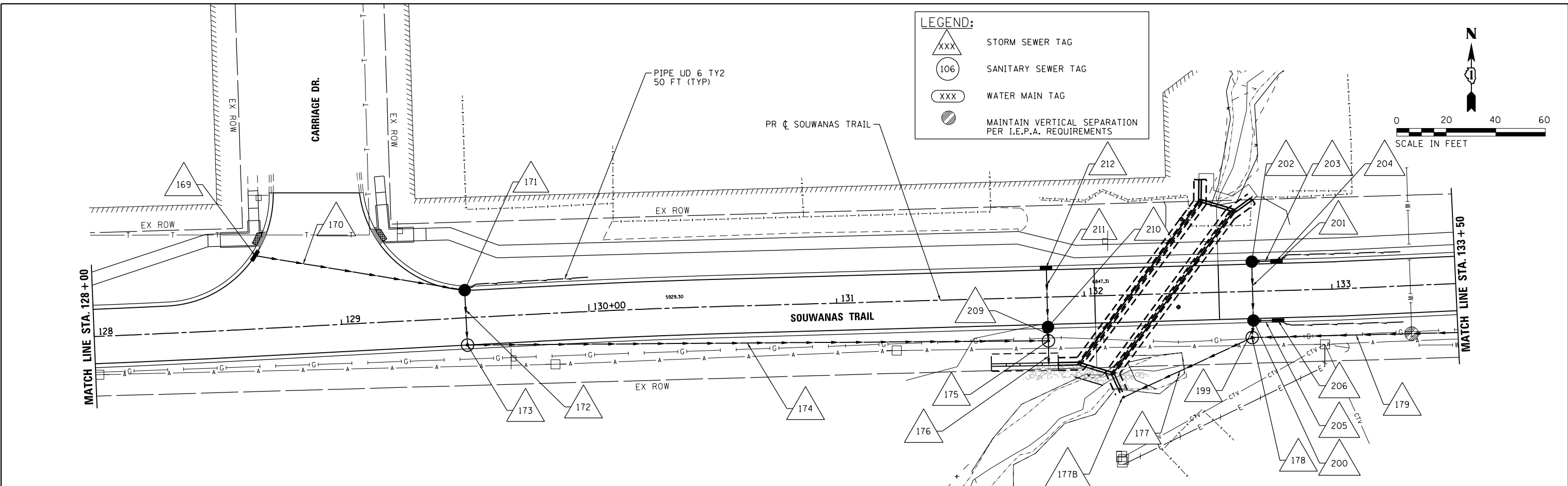
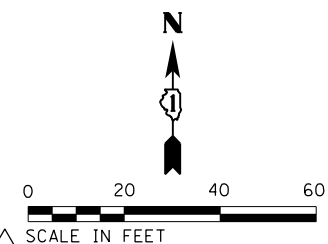
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	PLOTTED		
	ALIGNED		
	CHECKED		
	DESIGNED		
	FILE NAME: #FILES#		
	DRIVE		
	PEN TABLE: #PEN#		
	TABLES		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK		
	STRUCTURE		
	NOTATIS CHFD		
	NO.		

HRG PROJECT NO.: #PROJECT#
 HRG PROJ CONTACT: #HRG#
 FILE NAME: #FILES# DRIVE
 PEN TABLE: #PEN# TABLES

LEGEND:

- XXX (triangle) STORM SEWER TAG
- 106 (circle) SANITARY SEWER TAG
- XXX (circle) WATER MAIN TAG
- (hatched circle) MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS



798.47	798.04	798.72	798.28	798.94	798.52	798.95	798.75	798.83	798.99	798.50	799.02	798.04	798.73	797.45	798.10	796.74	797.14	795.76	795.85	794.67	794.44	793.34	793.02	791.95	791.60	790.51	790.19	789.17	788.93	788.11	788.00	787.36	787.39	787.00	787.09	787.18	787.12	787.61	787.48	788.02	787.99	788.44	788.50	788.97	789.01	789.01	789.01								
128+00	128+50	129+00	129+50	130+00	130+50	131+00	131+50	132+00	132+50	133+00	133+50																																												

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 #184-001322

USER NAME: #USER#	DESIGNED: JS	REVISED: -
	DRAWN: DMS	REVISED: -
PLOT SCALE: #SCALE#	CHECKED: -	REVISED: -
PLOT DATE: #DATE#	DATE: -	REVISED: -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

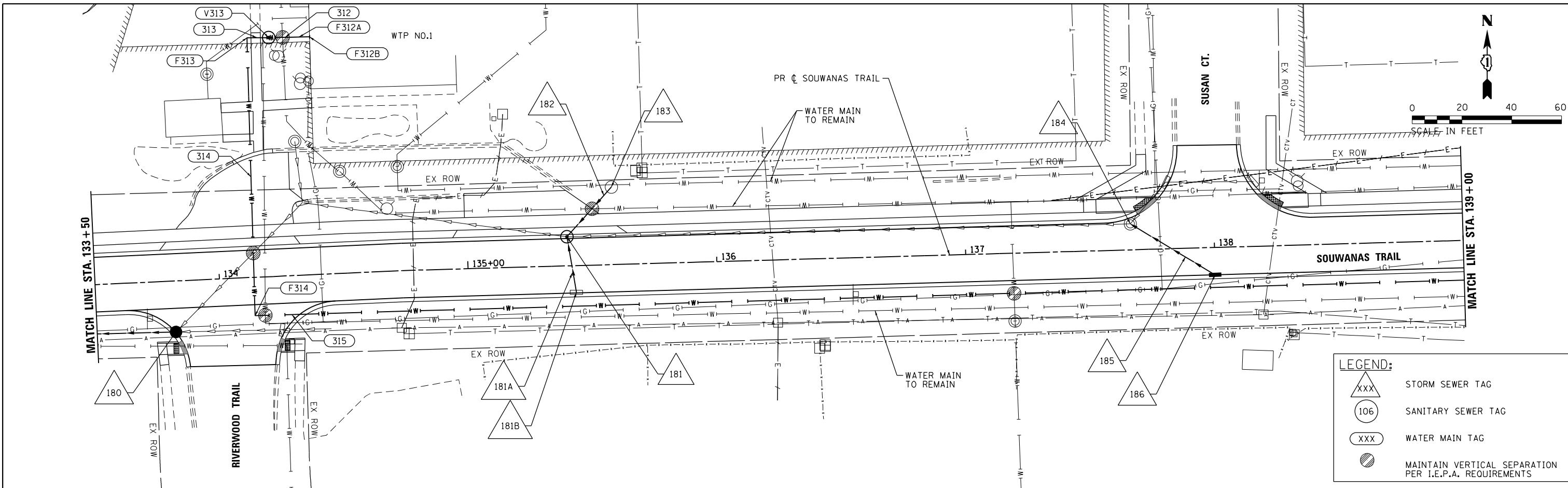
DRAINAGE AND UTILITY PLAN AND PROFILE
SOUWANAS TRAIL
 SCALE: 1"=20' SHEET 6 OF 17 SHEETS STA. 128+00 TO STA. 133+50

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	44
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. OF SHEETS	
	DATE	

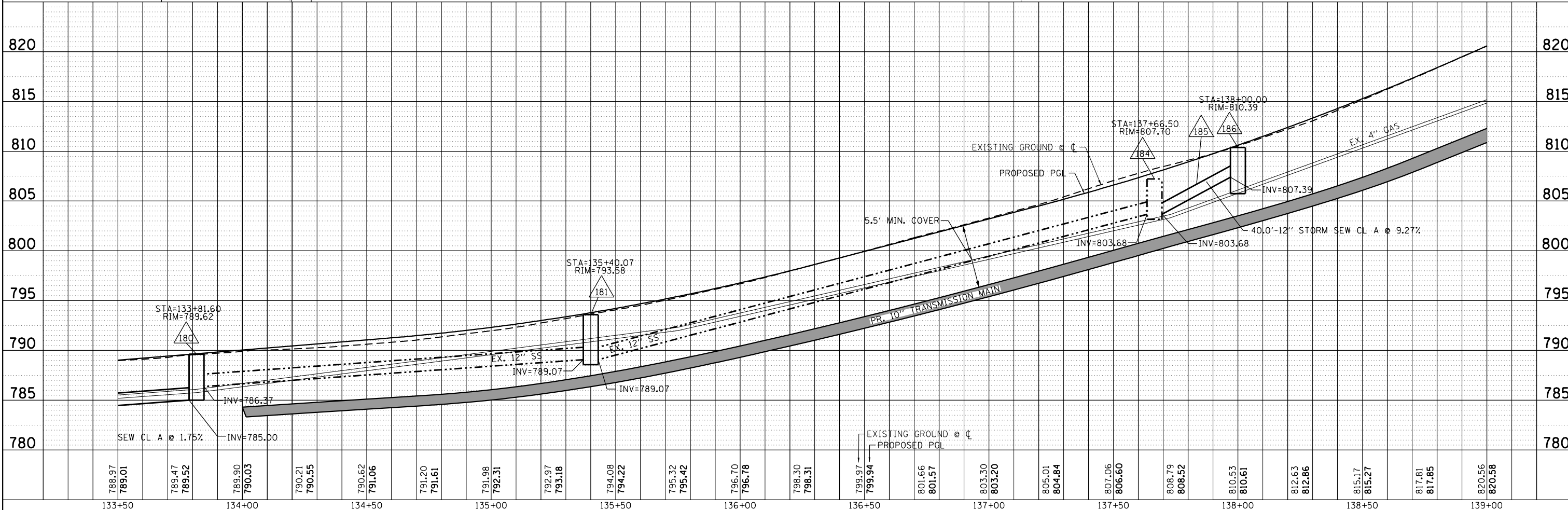
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	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO. OF SHEETS	
	DATE	

HRG PROJECT NO.: #PROJCT008
 HRG PROJ. CONTACT: #HRGPM8
 FILE NAME: #FILES#_DRWG
 PEN TABLE: #PENL TABLES#



LEGEND:

- STORM SEWER TAG
- SANITARY SEWER TAG
- WATER MAIN TAG
- MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS



820	815	810	805	800	795	790	785	780			
133+50	134+00	134+50	135+00	135+50	136+00	136+50	137+00	137+50	138+00	138+50	139+00

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 #184-001322

USER NAME : *USER*	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE : *SCALE*	CHECKED -	REVISED -
PLOT DATE : *DATE*	DATE -	REVISED -

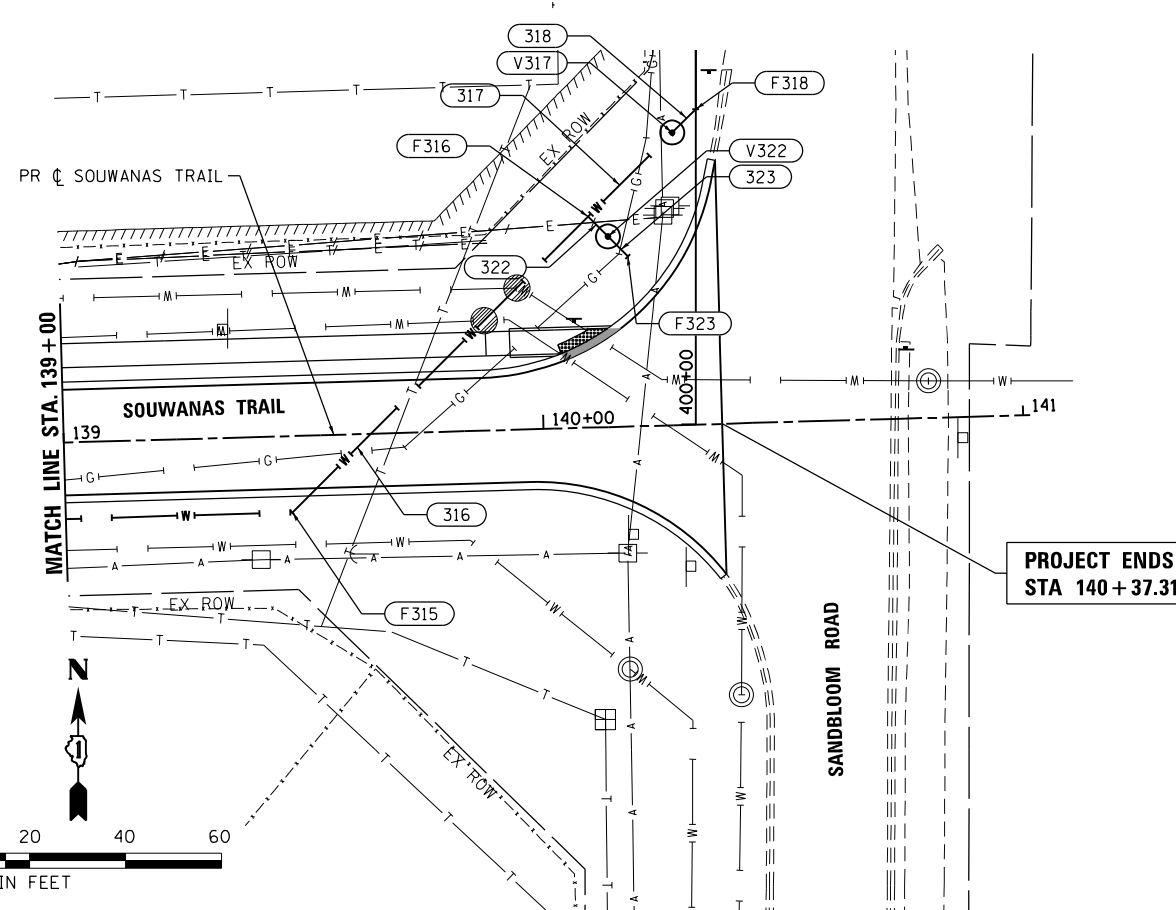
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN AND PROFILE
 SOUWANAS TRAIL**

SCALE: 1"=20' SHEET 7 OF 17 SHEETS STA. 133+50 TO STA. 139+00

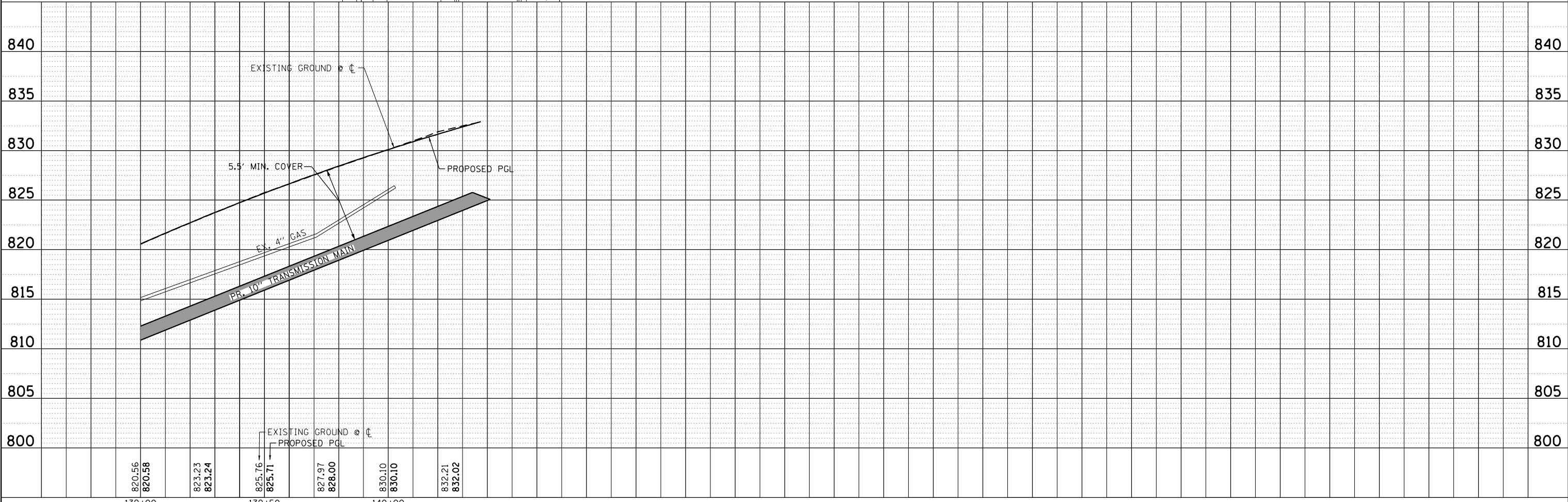
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	17-00092-00-PV	MCHENRY	108	45
	4003, 4004		CONTRACT NO. 61H80	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	FILE NAME _____	
	DATE _____	



LEGEND:	
	STORM SEWER TAG
	SANITARY SEWER TAG
	WATER MAIN TAG
	MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	FILE NAME _____	
	DATE _____	



HRG PROJECT NO.: #PROJECTNO#
 HRG PROJ. CONTACT: #HRGPM#
 FILE NAME: #FILES#
 PEN TABLE: #PEN# TABLE#

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 Illinois Professional Design Firm
 #184-001322

USER NAME = #USER#	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = #SCALE#	CHECKED -	REVISED -
PLOT DATE = #DATE#	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY PLAN AND PROFILE
SOUWANAS TRAIL

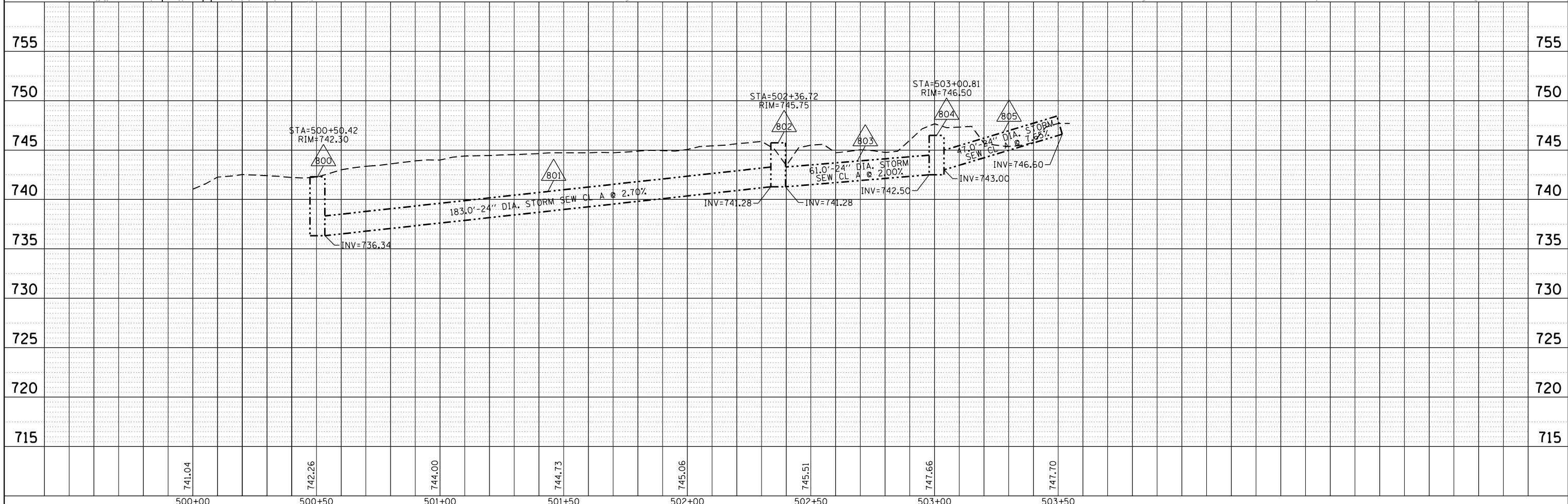
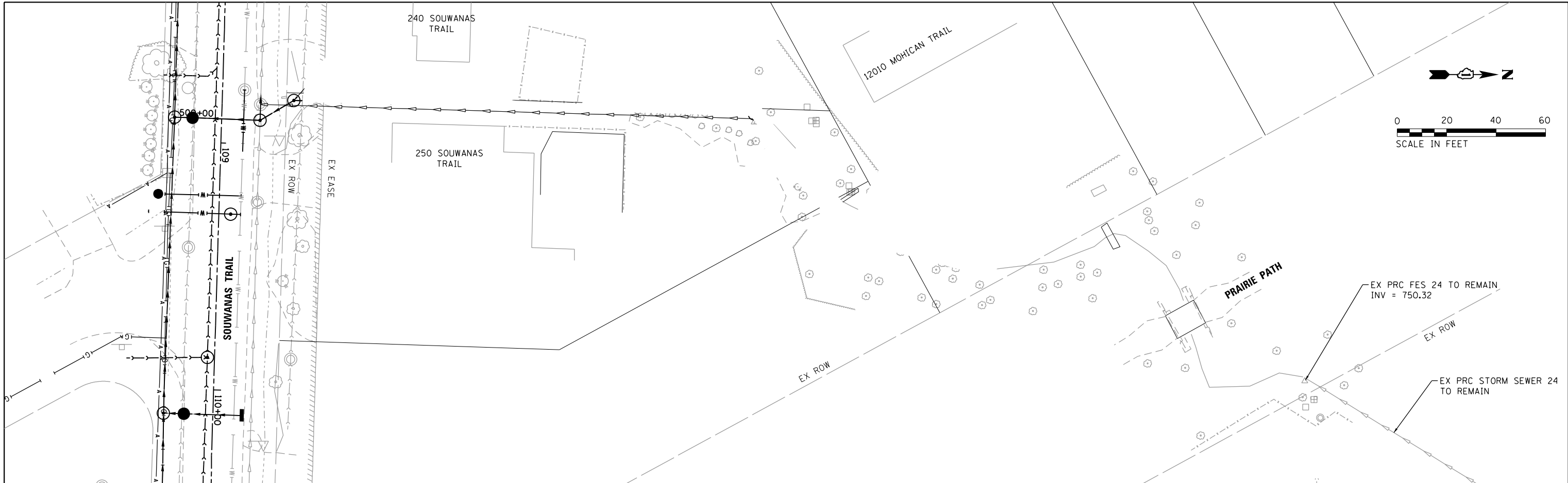
SCALE: 1"=20' SHEET 8 OF 17 SHEETS STA. 139+00 TO STA. 140+37.31

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	46
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	CHECKED	
	FILED	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK NO.	CHECKED	
	FILED	

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-Drain-Souwanas-RY.dgn
 PEN TABLE: 17425.dwg



741.04	742.26	744.00	744.73	745.06	745.51	747.66	747.70
500+00	500+50	501+00	501+50	502+00	502+50	503+00	503+50

HRG HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME - jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

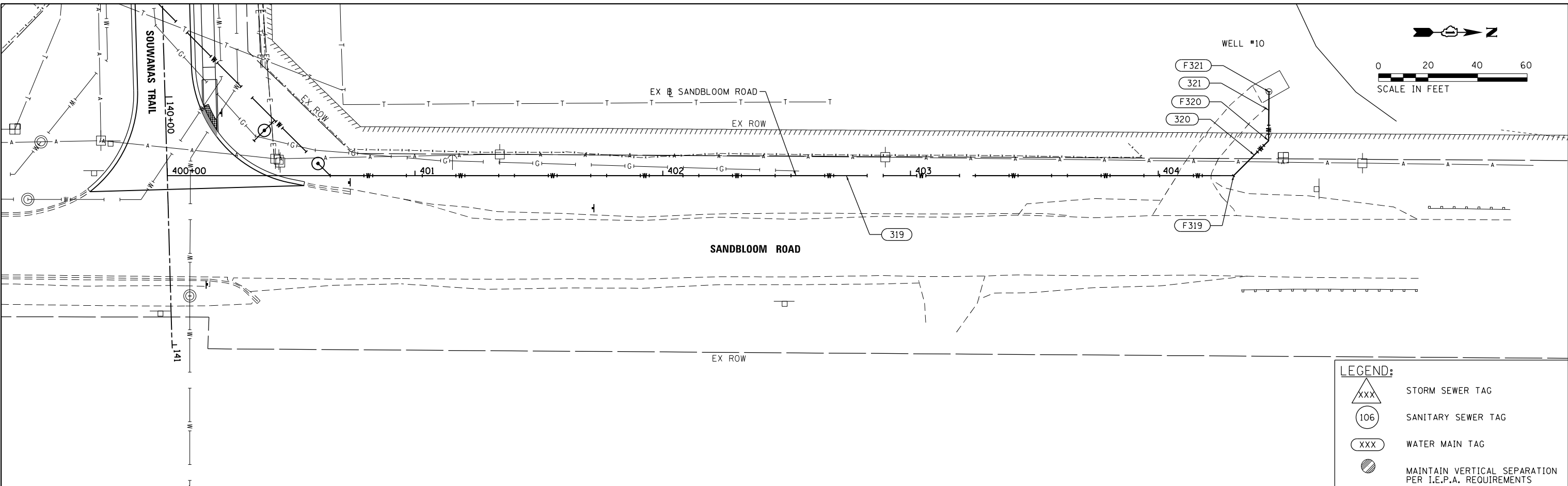
DRAINAGE AND UTILITY PLAN SOUWANAS TRAIL REAR YARDS		
SCALE: 1"=20'	SHEET 9 OF 17 SHEETS	STA. 500+00 TO STA. 503+54.63

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	47
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	61H80	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	FILE NAME _____	

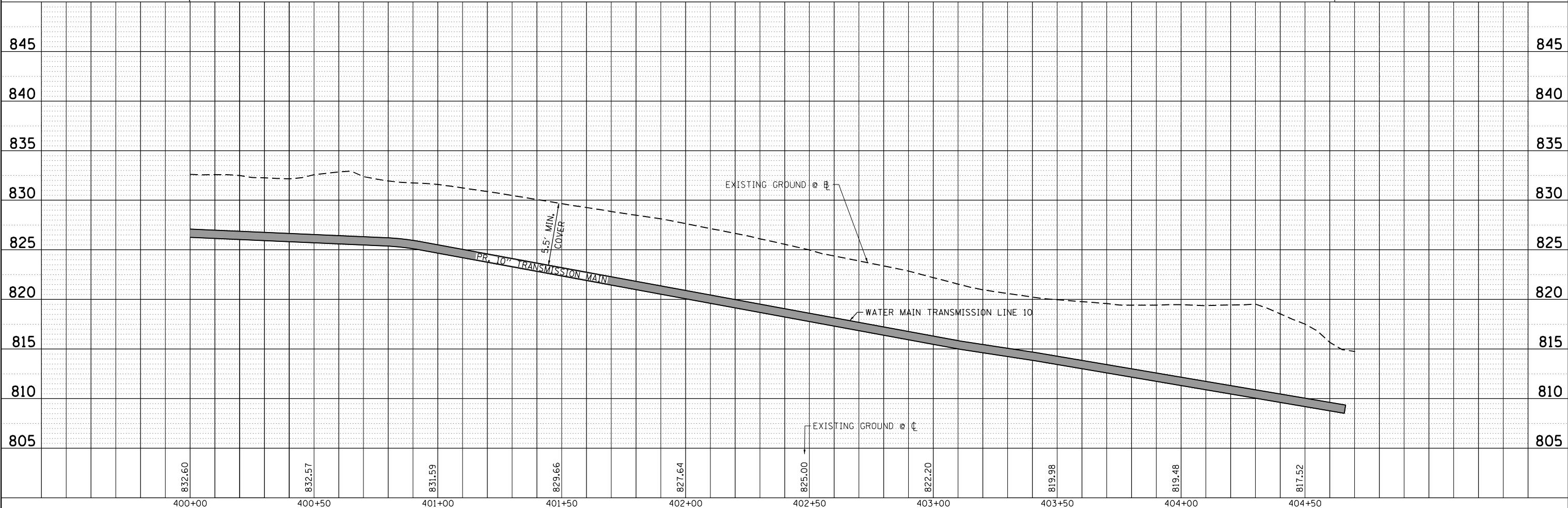
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	
	FILE NAME _____	

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SR-drain-Sandbloom-01.dgn
 PEN TABLE: PLOT/LABEL.PEN



LEGEND:

	STORM SEWER TAG
	SANITARY SEWER TAG
	WATER MAIN TAG
	MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS

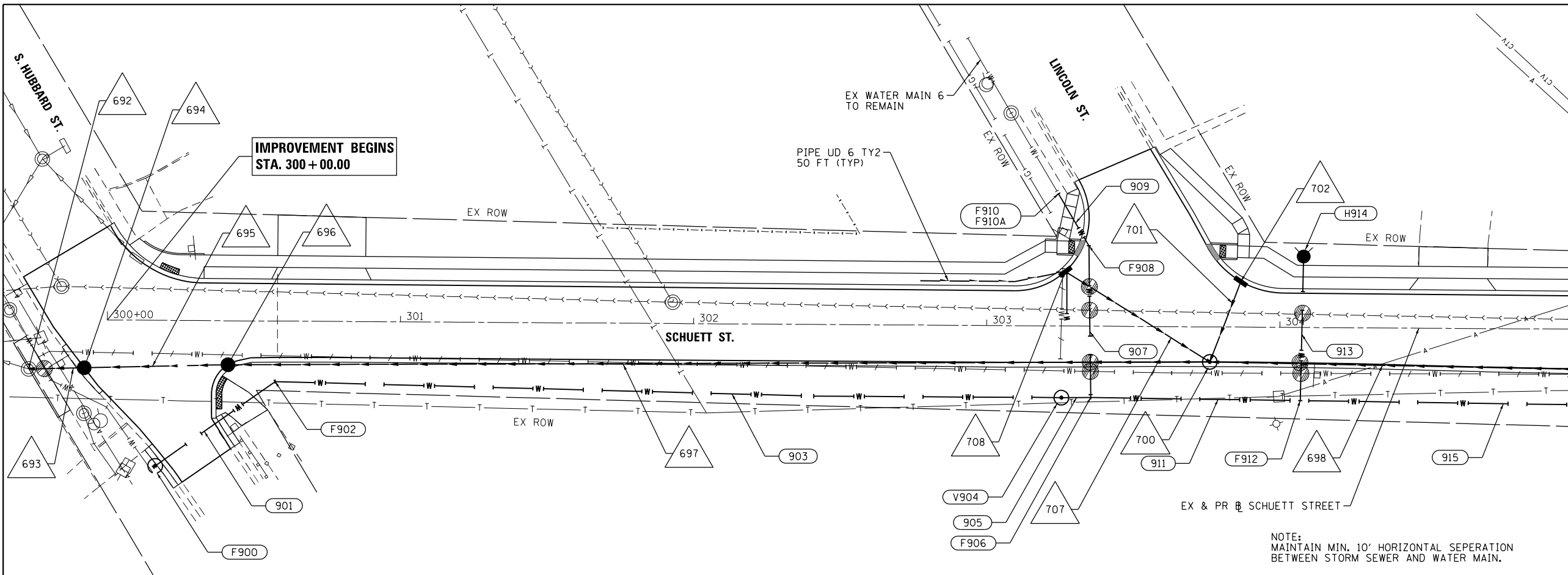


HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = jstrzal DESIGNED - JS DRAWN - DMS CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN AND PROFILE SANDBLOOM ROAD	F.A.U. RTE. 17-00092-00-PV SECTION NO. 4003, 4004 COUNTY MCHENRY ILLINOIS FED. AID PROJECT	TOTAL SHEETS 108 SHEET NO. 48 CONTRACT NO. 61H80
	PLOT SCALE = 40.0000' / in. PLOT DATE = 4/26/2022	SCALE: 1"=20' SHEET 10 OF 17 SHEETS STA. 400+00 TO STA. 404+70.19				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	FILED	
	NO. _____	
	FILE NAME _____	
	CARD FILE NAME _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO. _____	
	FILE NAME _____	
	CARD FILE NAME _____	

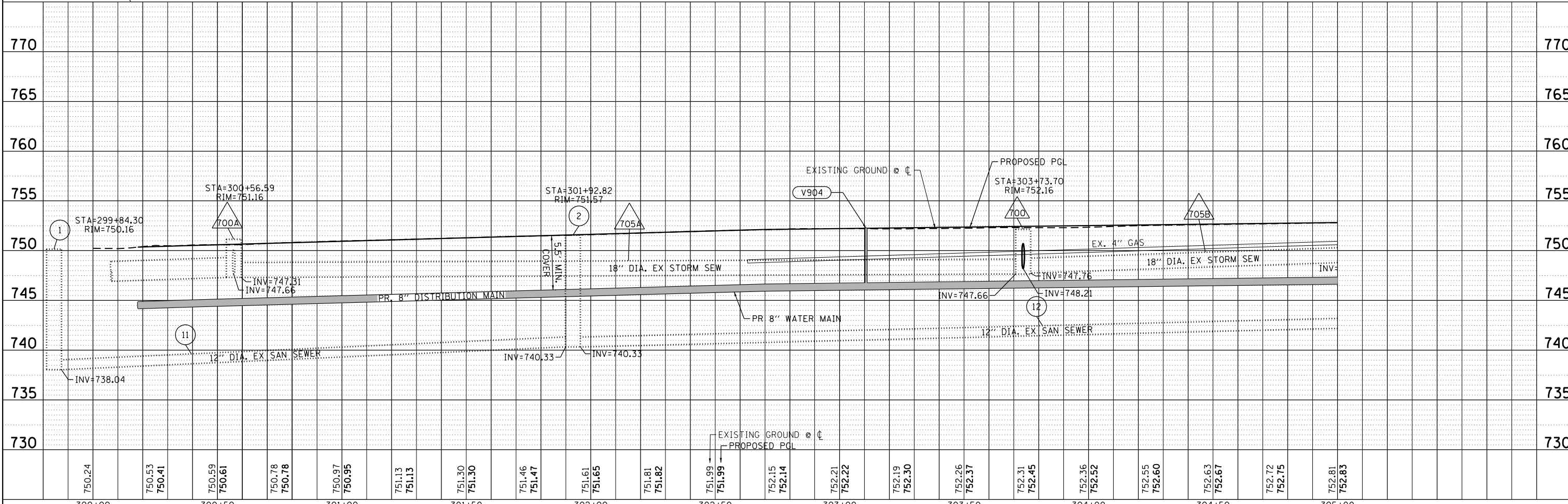
HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SHT-Drain-Schuett-0.dgn
 PEN TABLE: PLOT/LABEL.tbl



LEGEND:

- △XXX STORM SEWER TAG
- XXX SANITARY SEWER TAG
- XXX WATER MAIN TAG
- ⊗ MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS

NOTE: MAINTAIN MIN. 10' HORIZONTAL SEPARATION BETWEEN STORM SEWER AND WATER MAIN.



300+00	300+50	301+00	301+50	302+00	302+50	303+00	303+50	304+00	304+50	305+00										
750.24	750.53 750.41	750.59 750.61	750.78 750.78	750.97 750.95	751.13 751.13	751.30 751.30	751.46 751.47	751.61 751.65	751.81 751.82	751.99 751.99	752.15 752.14	752.21 752.22	752.19 752.30	752.26 752.37	752.31 752.45	752.36 752.52	752.55 752.60	752.63 752.67	752.72 752.75	752.81 752.83

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 #184-001322

USER NAME : jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE : 48.0001' / in.	CHECKED -	REVISED -
PLOT DATE : 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN AND PROFILE
 SCHUETT STREET**

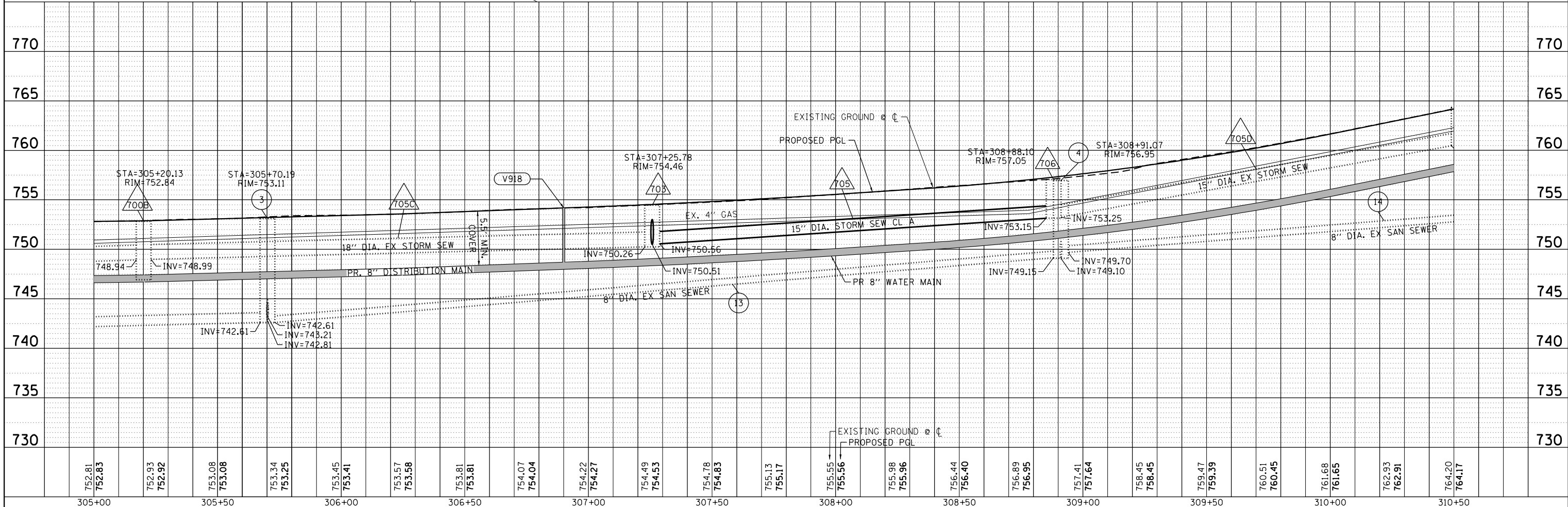
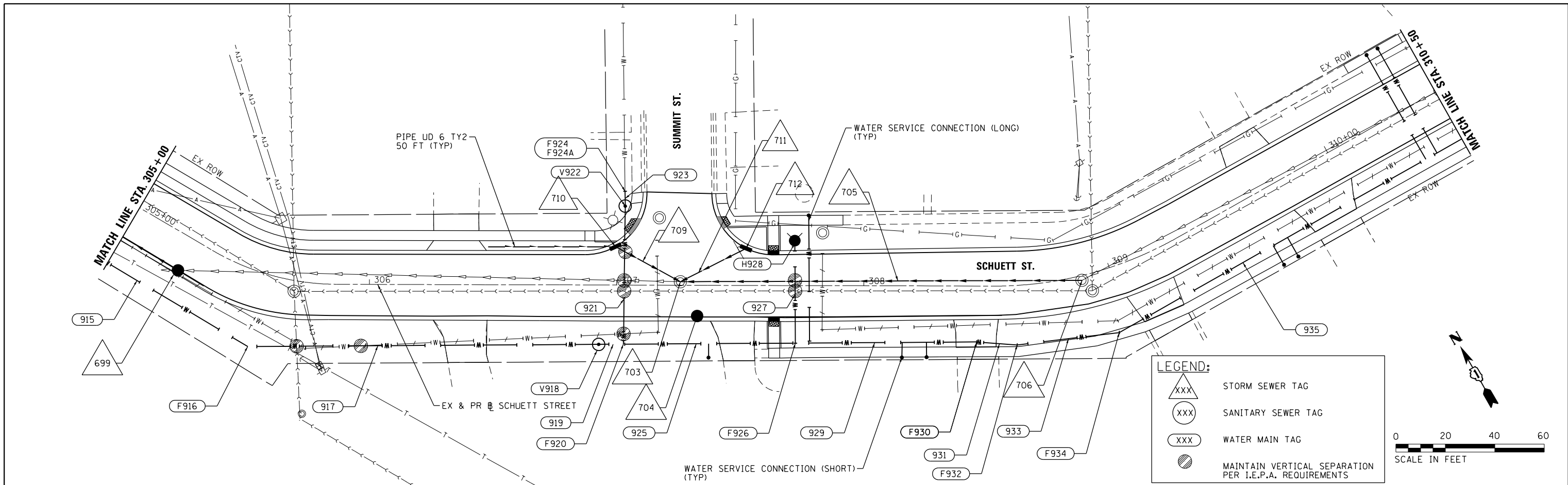
SCALE: 1"=20' SHEET 15 OF 17 SHEETS STA. 300+18 TO STA. 305+00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	49
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO. / DATE	
	BY	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. / DATE	
	BY	

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-drain-Schuett-02.dgn
 PEN TABLE: PLOT/LABEL.PEN



752.81	752.83	752.93	752.92	753.08	753.08	753.34	753.25	753.45	753.41	753.57	753.58	753.81	753.81	754.07	754.04	754.22	754.27	754.49	754.53	754.78	754.83	755.13	755.17	755.55	755.56	755.98	755.96	756.44	756.40	756.89	756.95	757.41	757.64	758.45	758.45	759.47	759.39	760.51	760.45	761.68	761.65	762.93	762.91	764.20	764.17			
305+00		305+50		306+00		306+50		307+00		307+50		308+00		308+50		309+00		309+50		310+00		310+50																										

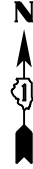
HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = jstrzal	DESIGNED - JS	REVISED -
PLOT SCALE = 40.0001' / in.	DRAWN - DMS	REVISED -
PLOT DATE = 4/26/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITY PLAN AND PROFILE
 SCHUETT STREET
 SCALE: 1"=20' SHEET 16 OF 17 SHEETS STA. 305+00 TO STA. 310+50

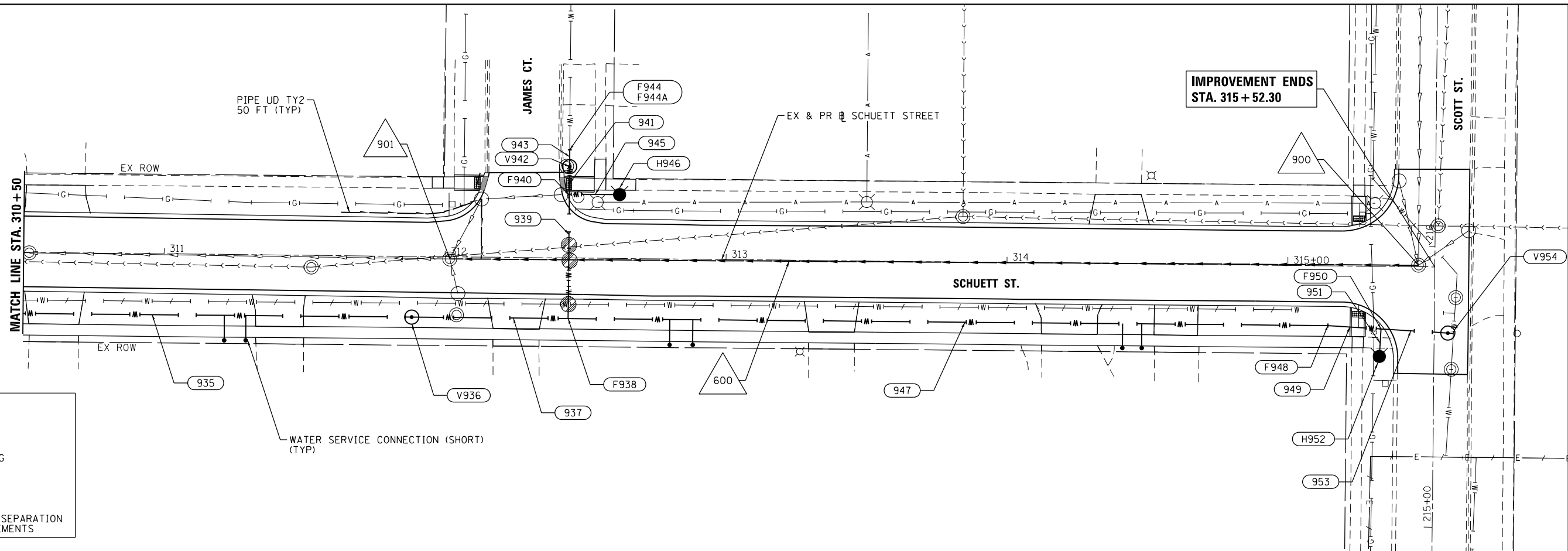
F.A.U. R.T.E.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	50
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		



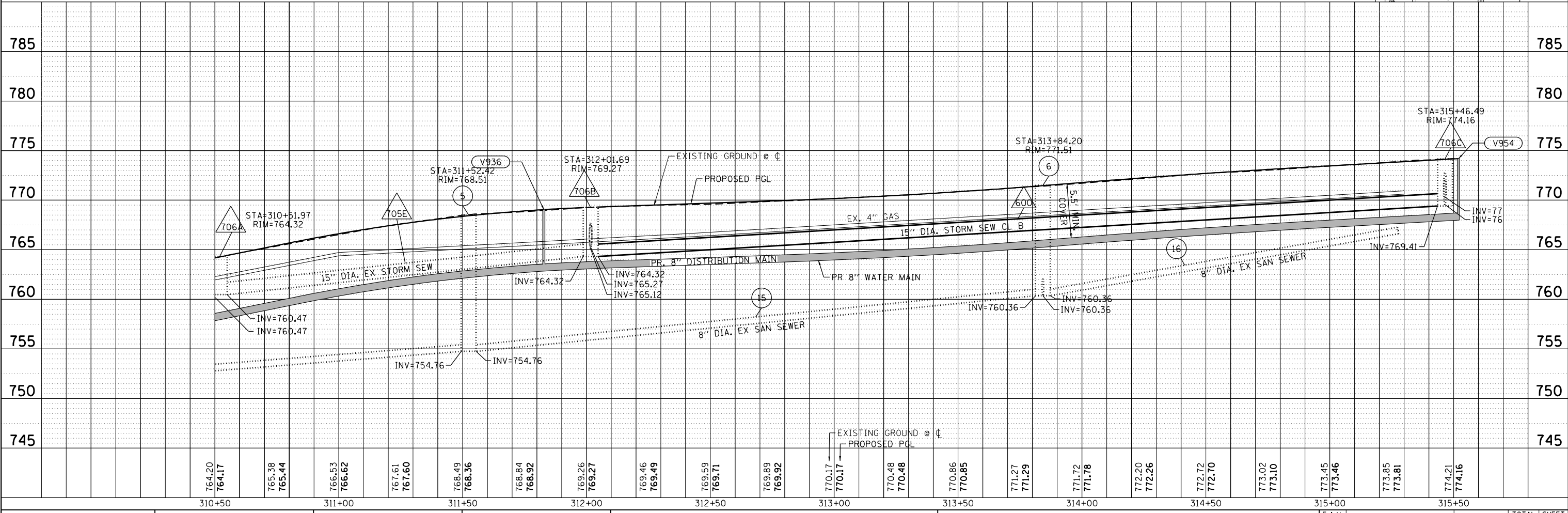
PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	FILED	
	NO.	

LEGEND:

- △XXX STORM SEWER TAG
- XXX SANITARY SEWER TAG
- XXX WATER MAIN TAG
- ⊙ MAINTAIN VERTICAL SEPARATION PER I.E.P.A. REQUIREMENTS



PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTED	
	CHECKED	
	FILED	
	NO.	



HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-571-drain-schuett-03.dgn
 PEN TABLE: PLOT/LABEL.PEN



USER NAME = jstr2al	DESIGNED - JS	REVISED -
PLOT SCALE = 48.0001" / in.	DRAWN - DMS	REVISED -
PLOT DATE = 4/26/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE AND UTILITY PLAN AND PROFILE		
SCHUETT STREET		
SCALE: 1"=20'	SHEET 17 OF 17 SHEETS	STA. 310+50 TO STA. 315+52.30

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	51
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

STORM STRUCTURE SCHEDULE

STR. ID	STATION	OFFSET	GEOPAK ALIGNMENT	STRUCTURE TYPE	MANHOLES, CB & INLETS RIM EL.	STORM SEWER INVERTS				NOTES
						NORTH	WEST	SOUTH	EAST	
SCHUETT STREET										
692	500+73.6	-31.60	EX_HUBBARD	EX MH	749.57	746.27 EX		746.27		
694	500+64.1	-15.20	EX_HUBBARD	CB TA 4 DIA T1F OL	749.50	746.36		746.36		
696	300+41.2	15.00	EX_SCHUETT	CB TA 4 DIA T1F OL	749.89	746.61		746.61		
699	305+26.2	14.00	EX_SCHUETT	CB TA 4 DIA T1F OL	752.68	749.02			749.02 EX	CONNECT TO EX PIPE
700	303+76.2	12.00	EX_SCHUETT	MH TA 6 DIA T1F OL	752.20	748.27	748.27	748.27	748.27	
702	303+86.6	-15.50	EX_SCHUETT	INLETS TA T1F OL	751.70	748.70				
703	307+25.8	-1.40	EX_SCHUETT	EX MH	754.54	750.56 EX	750.26 EX	750.56 EX	750.26 EX	REUSE EX INV (3)
704	307+32.6	12.40	EX_SCHUETT	CB TA 4 DIA T1F OL	754.45	750.65 EX				CONNECT TO EX PIPE
706	308+88.1	1.90	EX_SCHUETT	EX MH	757.15	753.15 EX			753.25 EX	REUSE NORTH INV
708	303+26.7	-18.55	EX_SCHUETT	INLETS TA T1F OL	752.20		749.20			
710	306+99.5	-15.55	EX_SCHUETT	INLETS TA T1F OL	754.31			751.31		
712	307+52.4	-15.00	EX_SCHUETT	INLETS TA T1F OL	754.58		751.58			
900	315+46.5	-0.50	EX_SCHUETT	EX MH	774.16	769.56	769.41	770.31 NW	770.51 NE	REUSE WEST INV
901	312+02.0	0.80	EX_SCHUETT	EX MH	769.27	765.12	764.32	765.27	764.32	REUSE EAST INV
SOUWANAS REAR YARD										
800				MAN TA 4 DIA T8G	742.30	736.34		736.34		
802				MAN TA 4 DIA T8G	745.75			741.28	741.28	
804				MAN TA 4 DIA T8G	746.50	743.00	742.50			
806				PRC FES 24				746.60		

• ELEVATION ESTIMATED - FIELD VERIFICATION REQUIRED

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-drain-schedule.dgn
 PLOT DATE: 4/26/2022
 PEN TABLE: plotpen.tbl



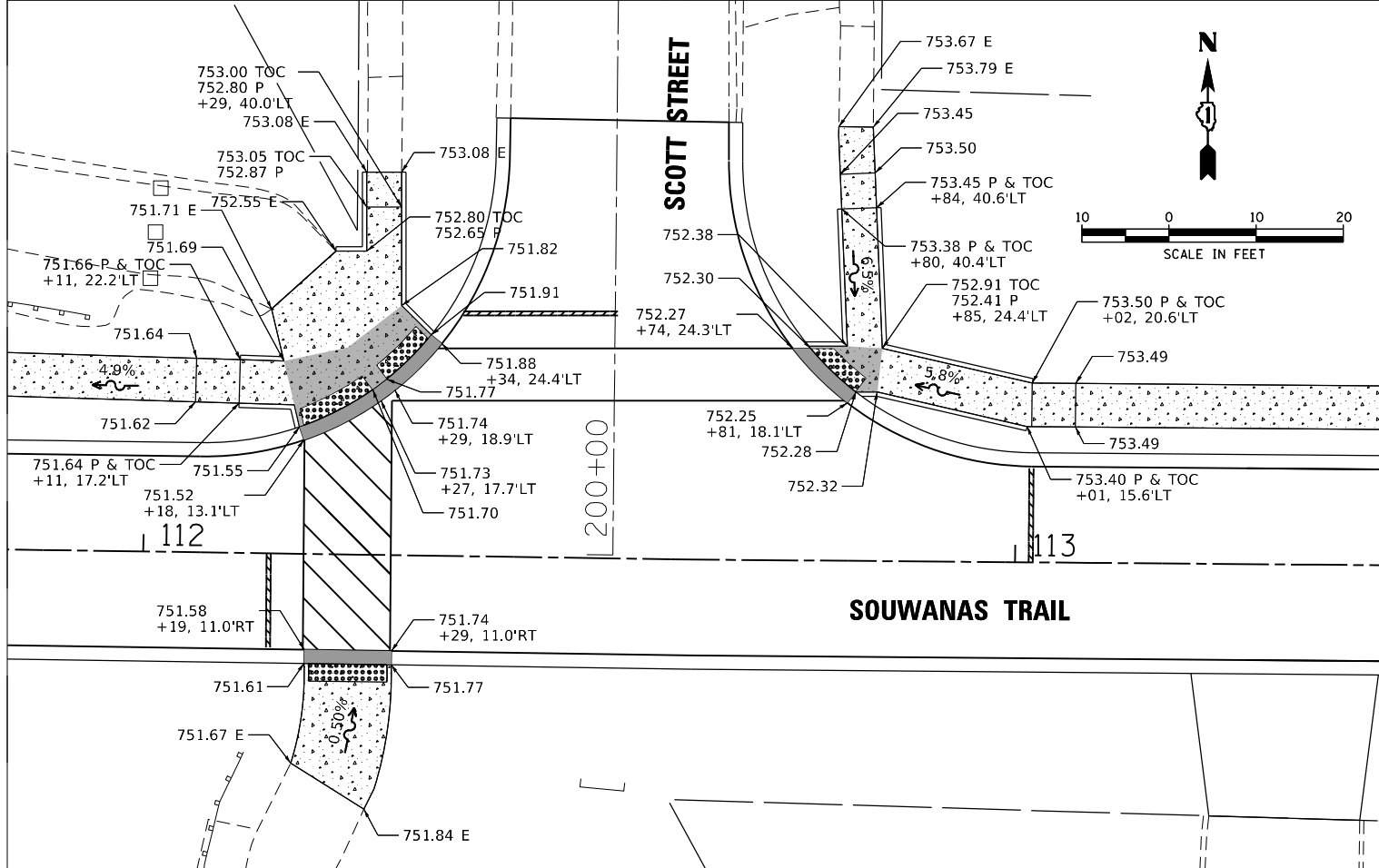
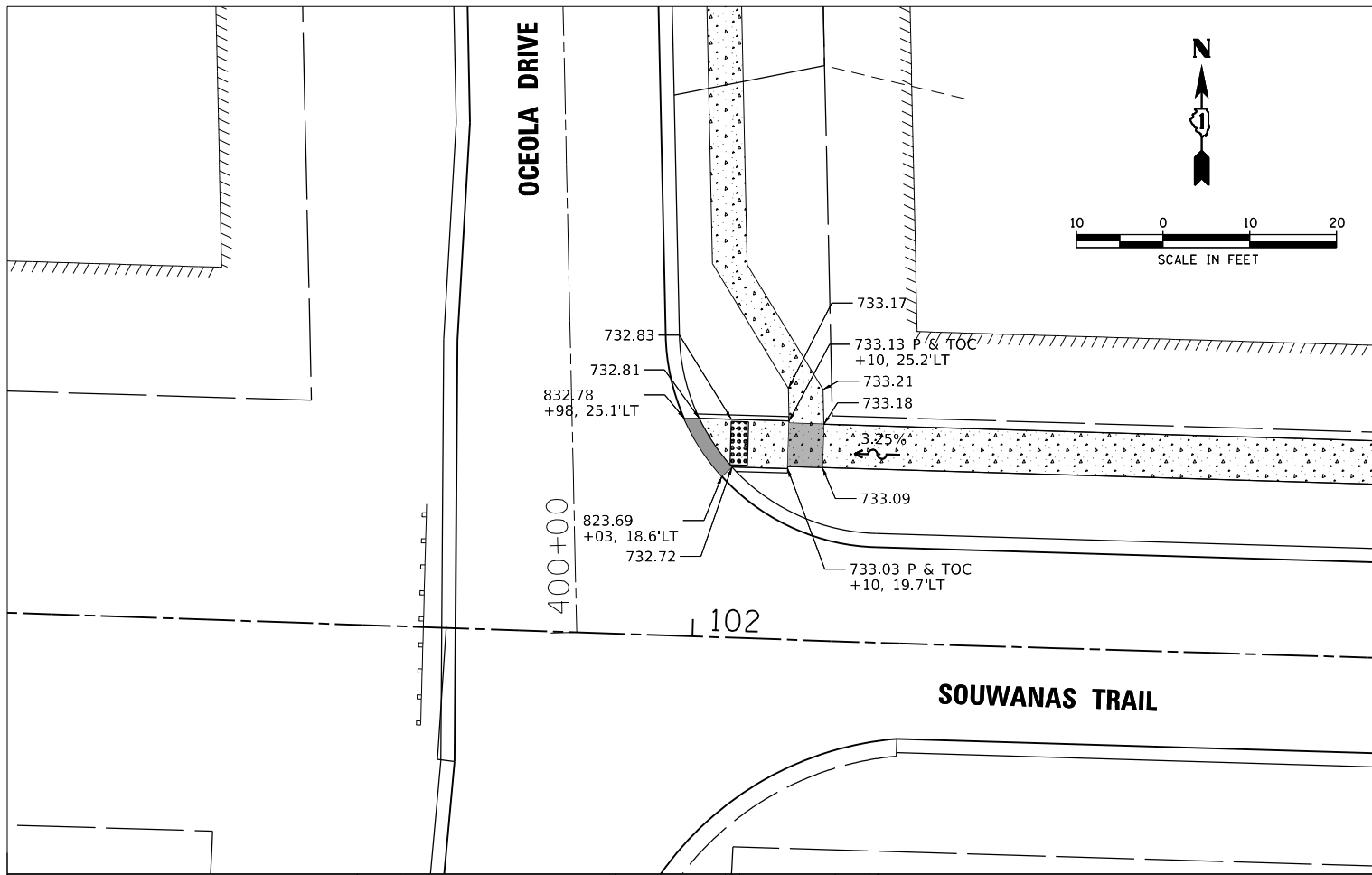
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	DRAWN - DMS	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STORM STRUCTURE SCHEDULE
SOUWANAS TRAIL & SCHUETT STREET

SCALE: NTS SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	53
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80	



- LEGEND**
- DETECTABLE WARNINGS
 - PROPOSED SIDEWALK
 - DEPRESSED CURB
 - SIDEWALK LANDING AREA
 - PROPOSED SIDE CURB
 - (X.X%) EXISTING ELEVATION/SLOPE

E & TOC = EXISTING SIDEWALK SURFACE & FINISHED TOP OF CURB ELEVATION
 P & TOC = PROPOSED SIDEWALK SURFACE & FINISHED TOP OF CURB ELEVATION
 E = EXISTING PAVEMENT SURFACE

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-def+scuett+ooc.dgn
 PEN TABLE: PLOT LABEL.tbl

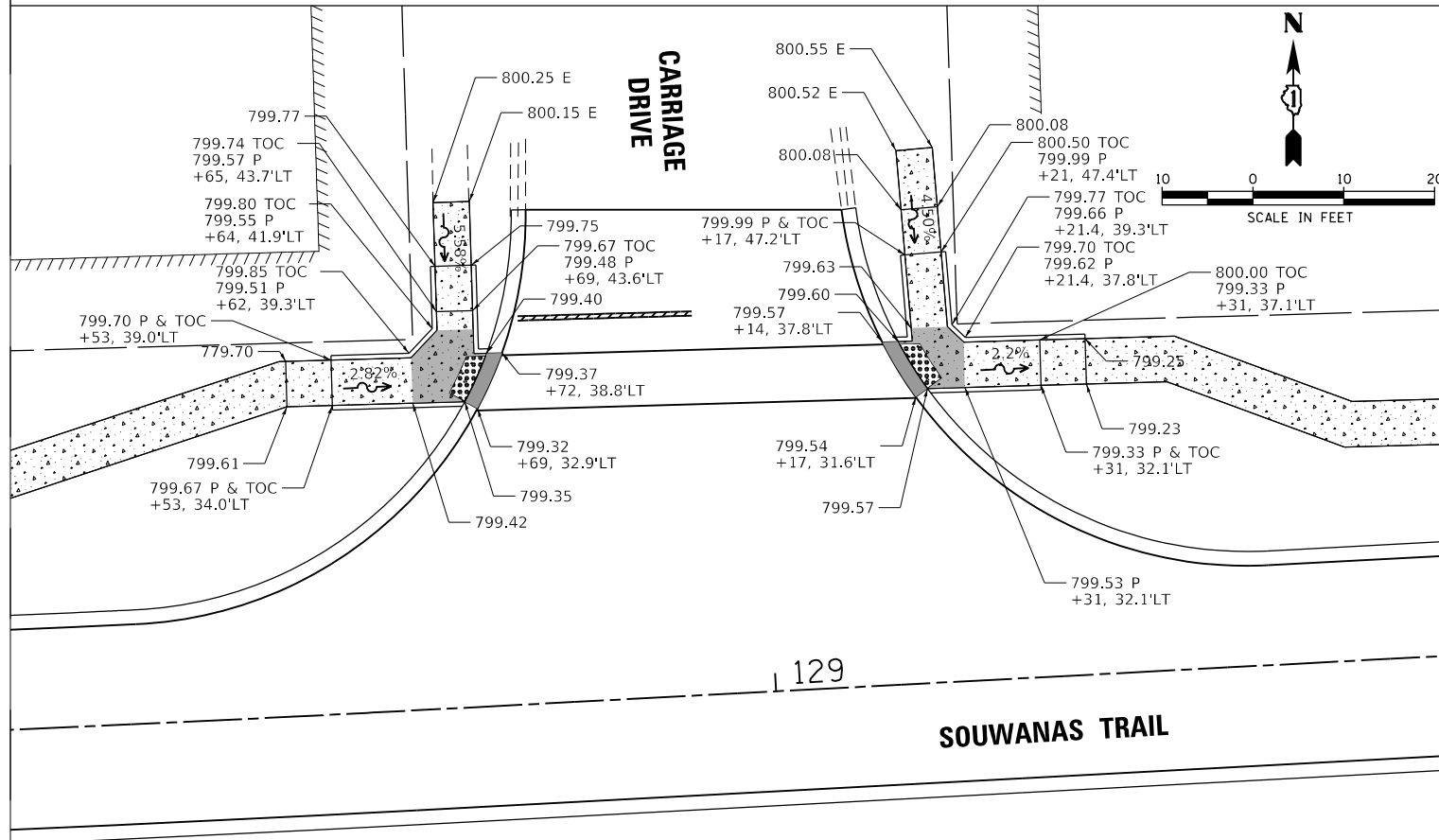
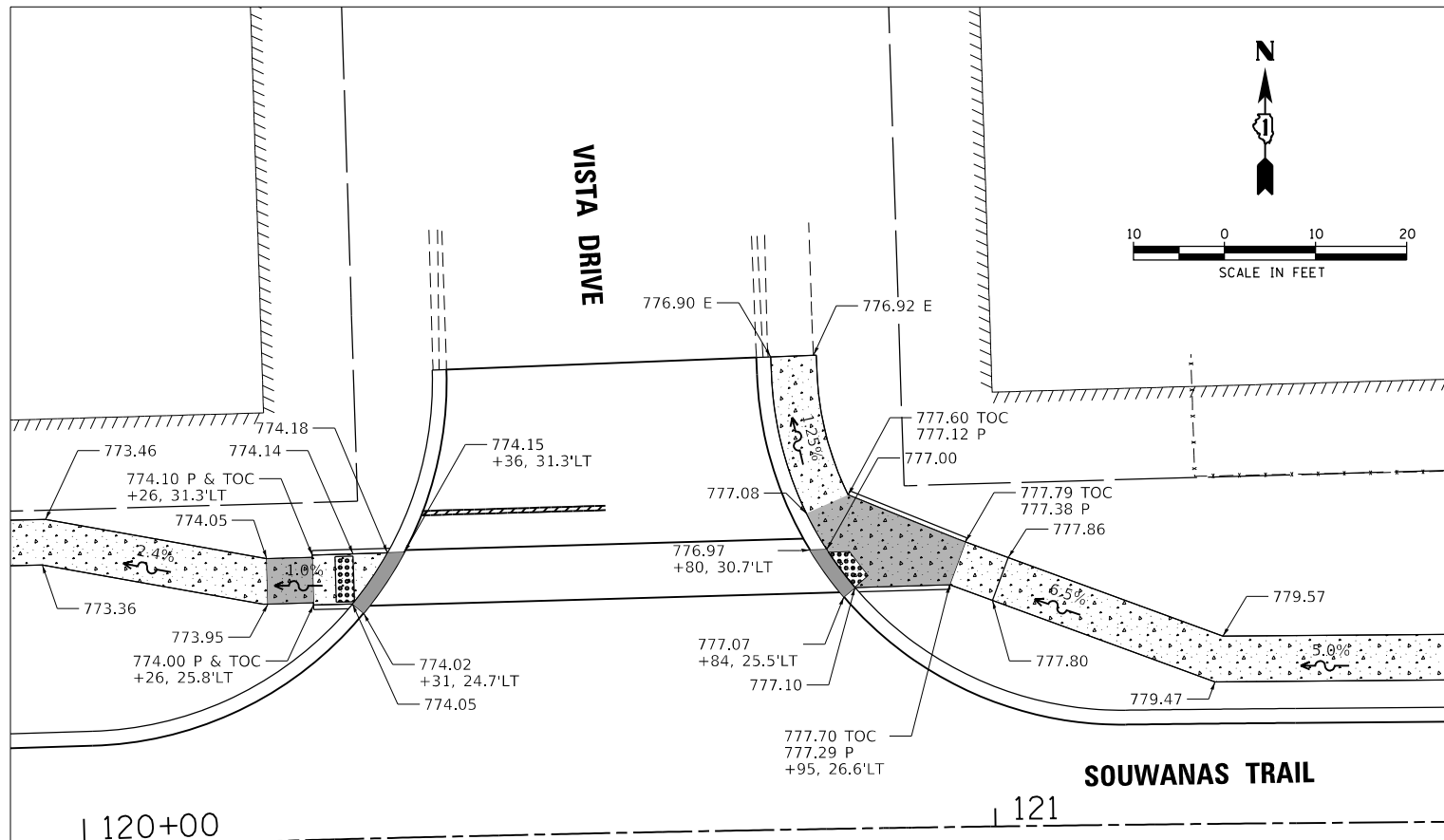


USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS			
SOUWANAS TRAIL & SCHUETT STREET			
SCALE: 1"=10'	SHEET 1	OF 7 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	58
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		



- LEGEND**
- DETECTABLE WARNINGS
 - PROPOSED SIDEWALK
 - DEPRESSED CURB
 - SIDEWALK LANDING AREA
 - PROPOSED SIDE CURB
 - (X.X%) EXISTING ELEVATION/SLOPE

E & TOC = EXISTING SIDEWALK SURFACE & FINISHED TOP OF CURB ELEVATION
 P & TOC = PROPOSED SIDEWALK SURFACE & FINISHED TOP OF CURB ELEVATION
 E = EXISTING PAVEMENT SURFACE

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-DET-3-17-2022.dwg
 PEN TABLE: PLOT LABEL.tbl



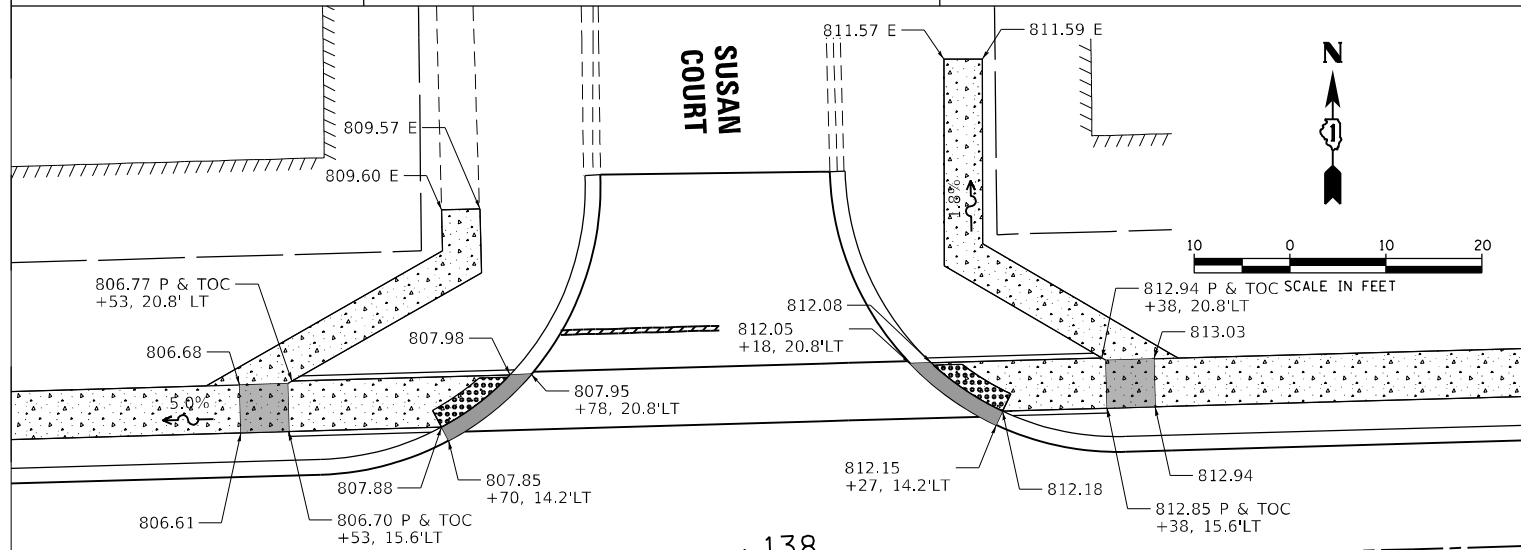
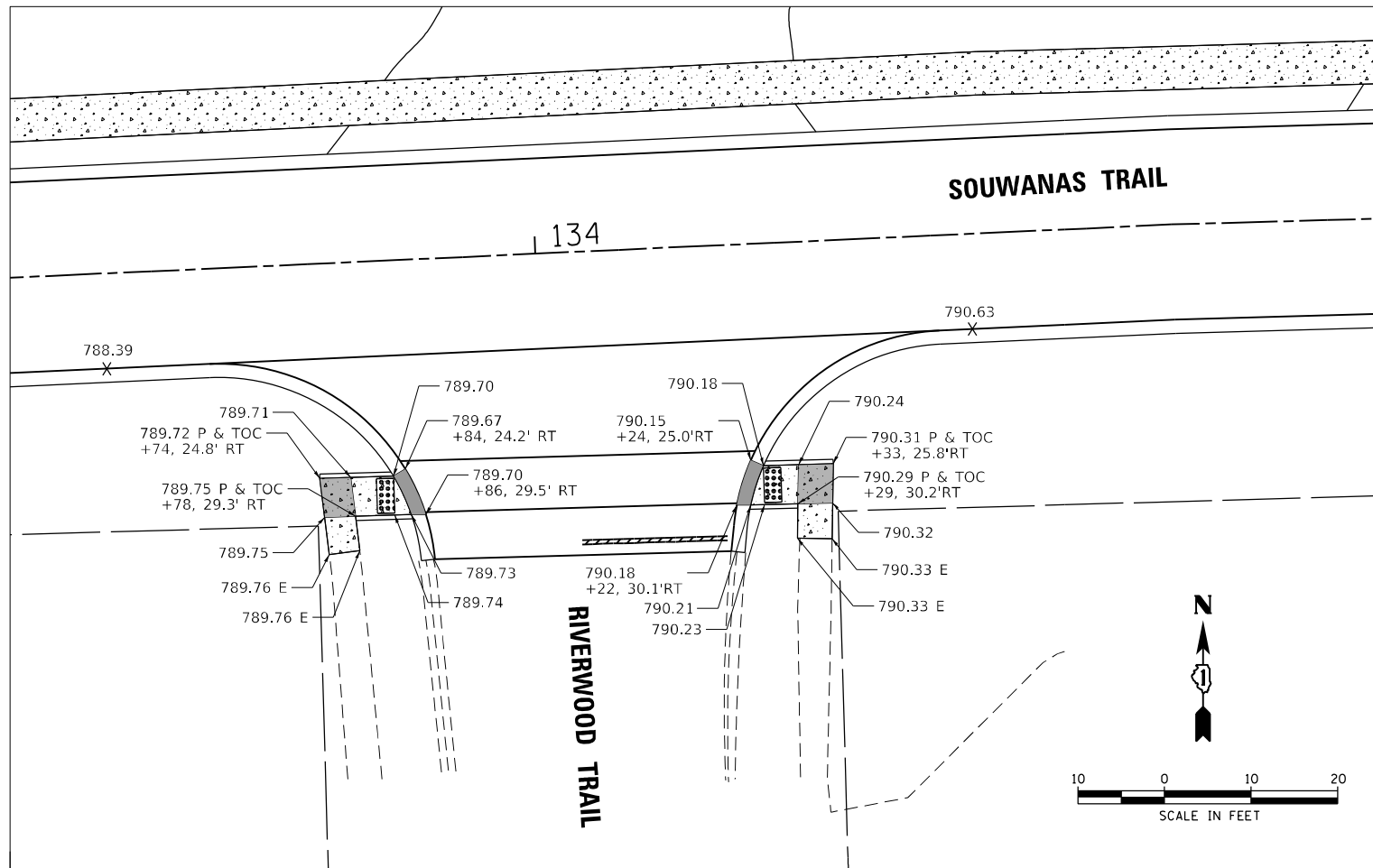
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	DRAWN - DMS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 SOUWANAS TRAIL & SCHUETT STREET**

SCALE: 1"=10' SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	59
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		



- LEGEND**
- DETECTABLE WARNINGS
 - PROPOSED SIDEWALK
 - DEPRESSED CURB
 - SIDEWALK LANDING AREA
 - PROPOSED SIDE CURB
 - (X.X%) EXISTING ELEVATION/SLOPE

E & TOC = EXISTING SIDEWALK SURFACE & FINISHED TOP OF CURB ELEVATION
 P & TOC = PROPOSED SIDEWALK SURFACE & FINISHED TOP OF CURB ELEVATION
 E = EXISTING PAVEMENT SURFACE

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-DEP+SRV-EMPS-03.dgn
 PEN TABLE: PLOT/LABEL.tbl



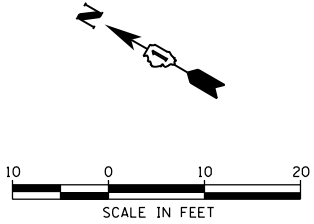
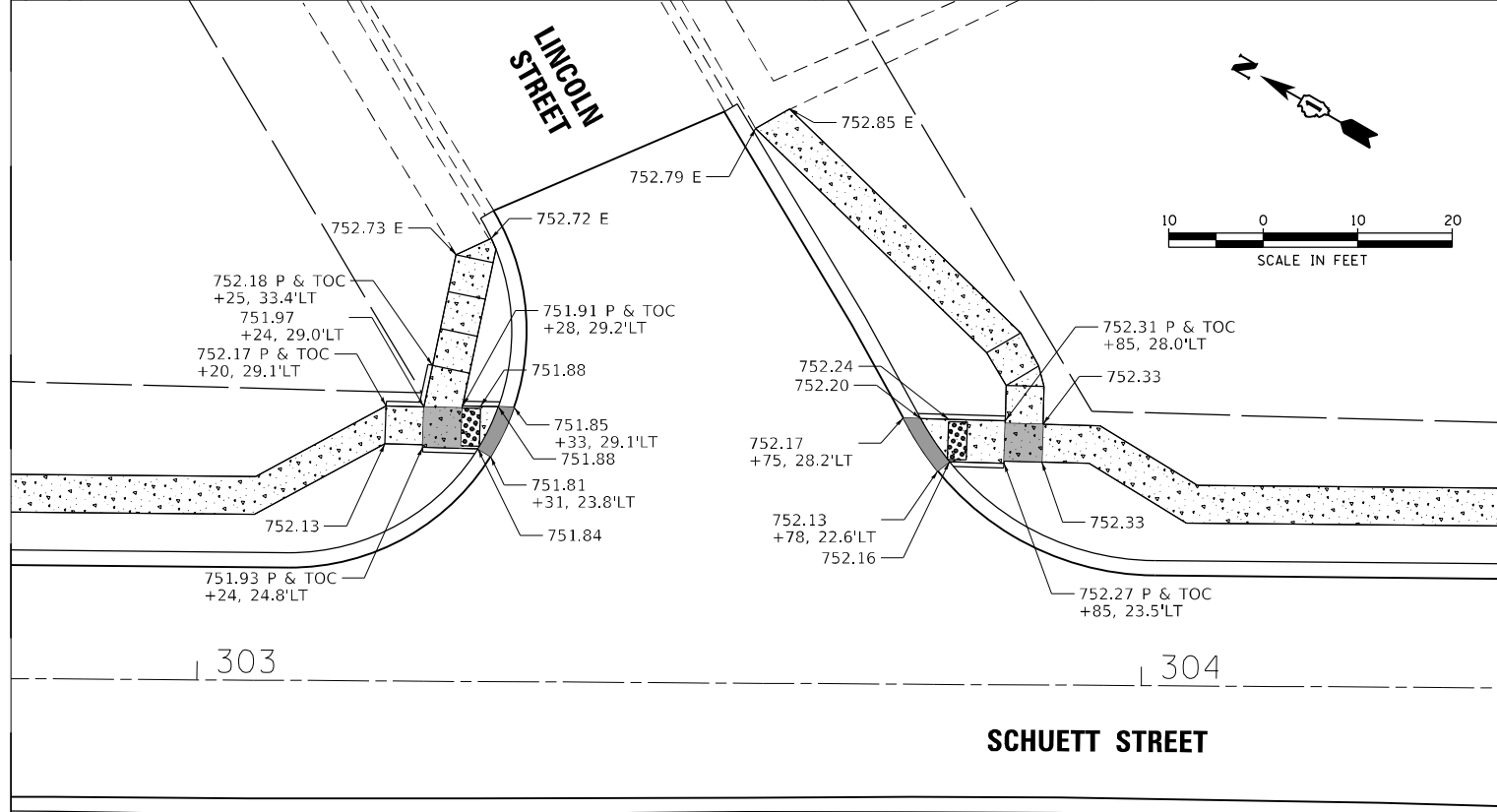
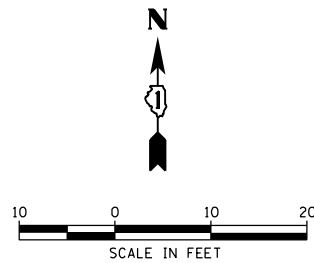
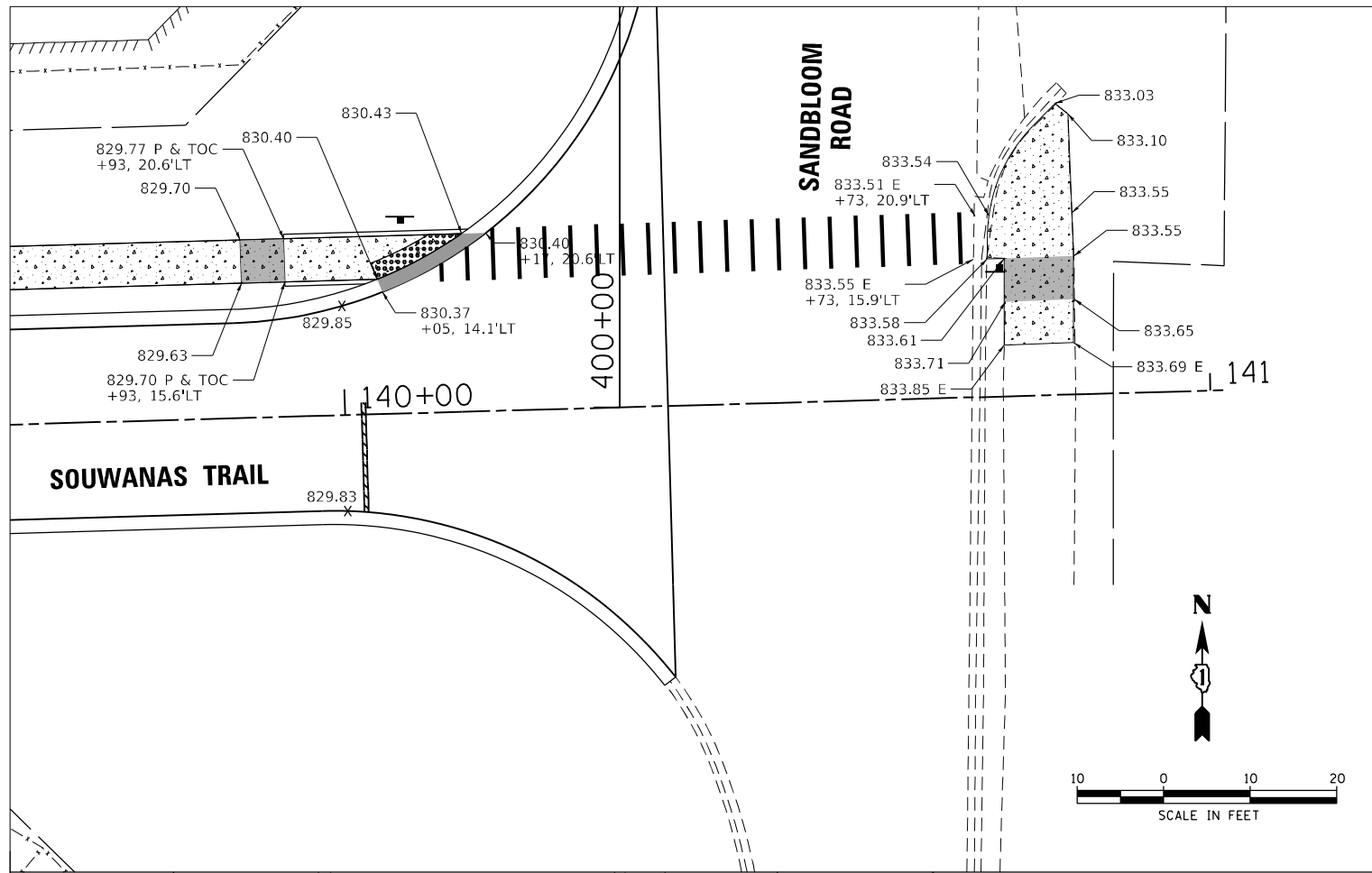
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	DRAWN - DMS	REVISED -
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PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
SOUWANAS TRAIL & SCHUETT STREET**

SCALE: 1"=10' SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	60
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		



LEGEND

- DETECTABLE WARNINGS
- PROPOSED SIDEWALK
- DEPRESSED CURB
- SIDEWALK LANDING AREA
- PROPOSED SIDE CURB
- (X.X%) EXISTING ELEVATION/SLOPE

E & TOC = EXISTING SIDEWALK SURFACE & FINISHED TOP OF CURB ELEVATION

P & TOC = PROPOSED SIDEWALK SURFACE & FINISHED TOP OF CURB ELEVATION

E = EXISTING PAVEMENT SURFACE

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-DET-SIDWALKS-04.dgn
 PEN TABLE: PLOT LABEL.tbl



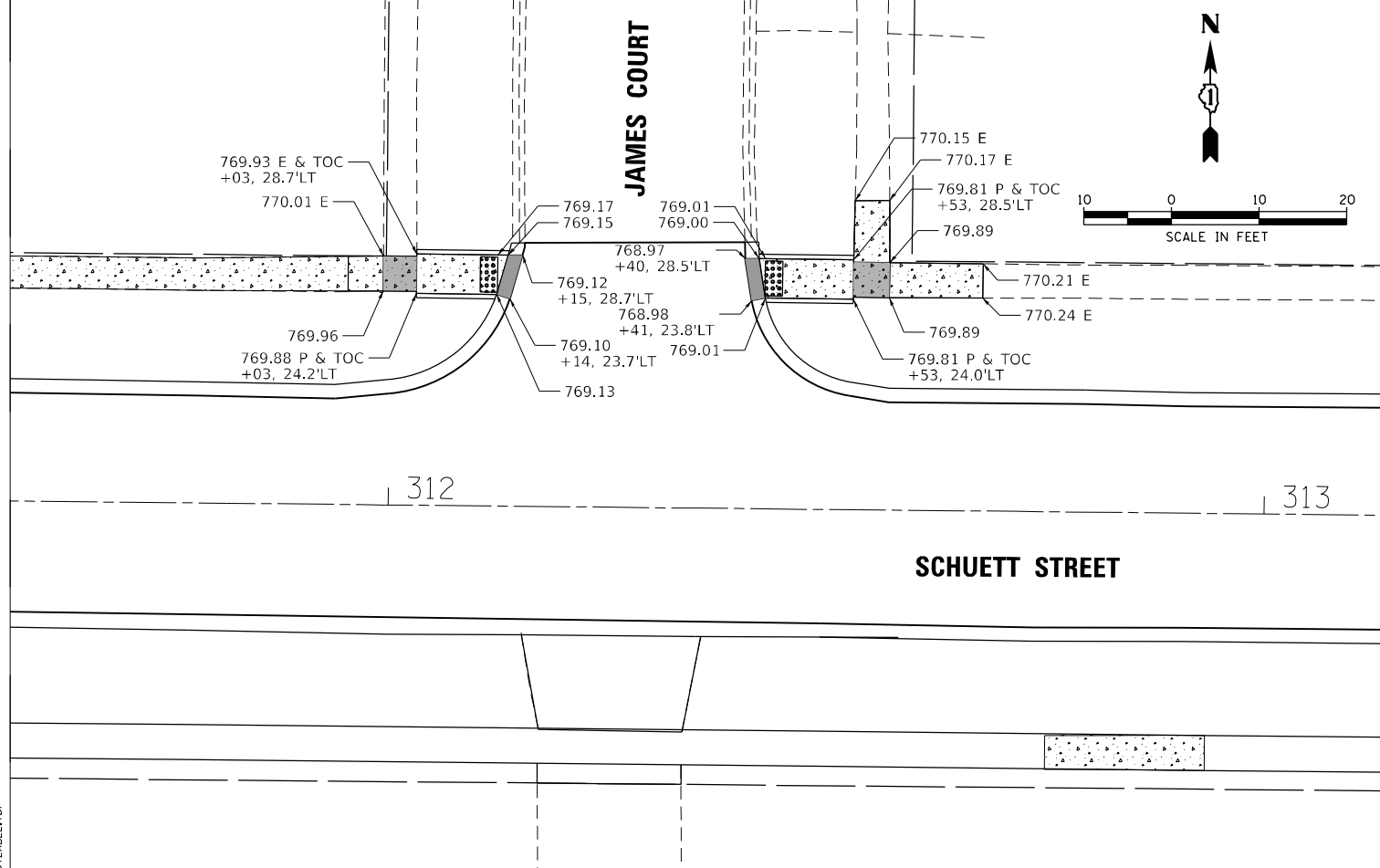
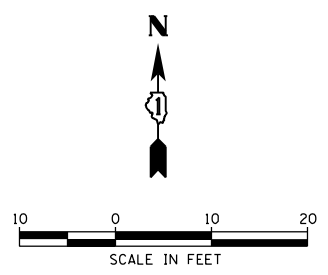
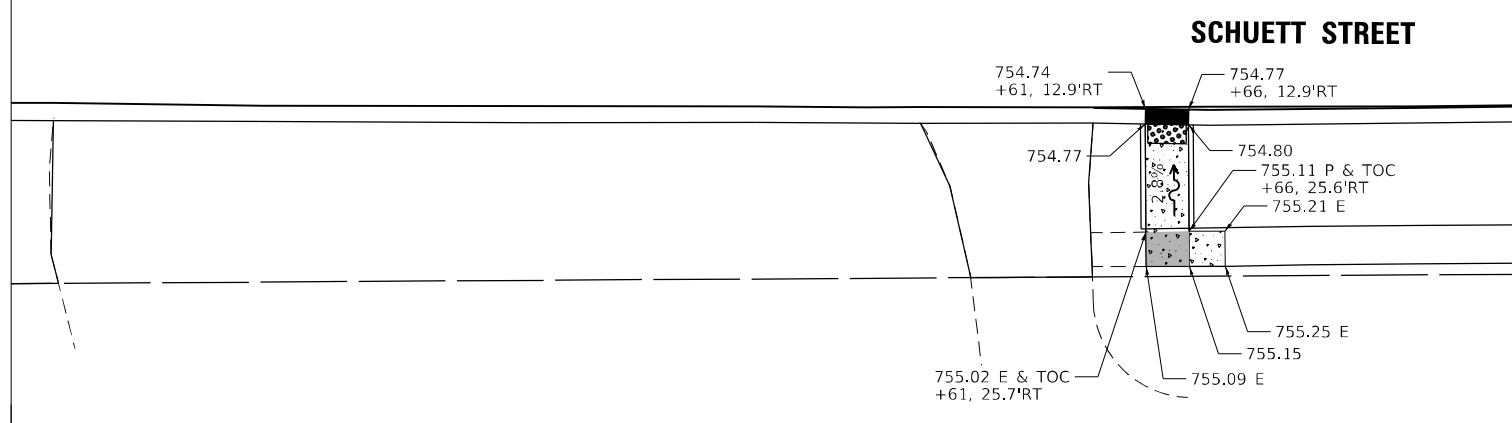
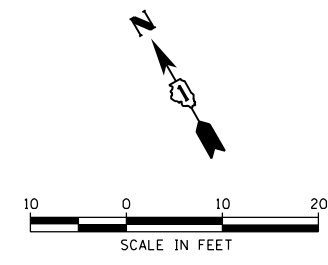
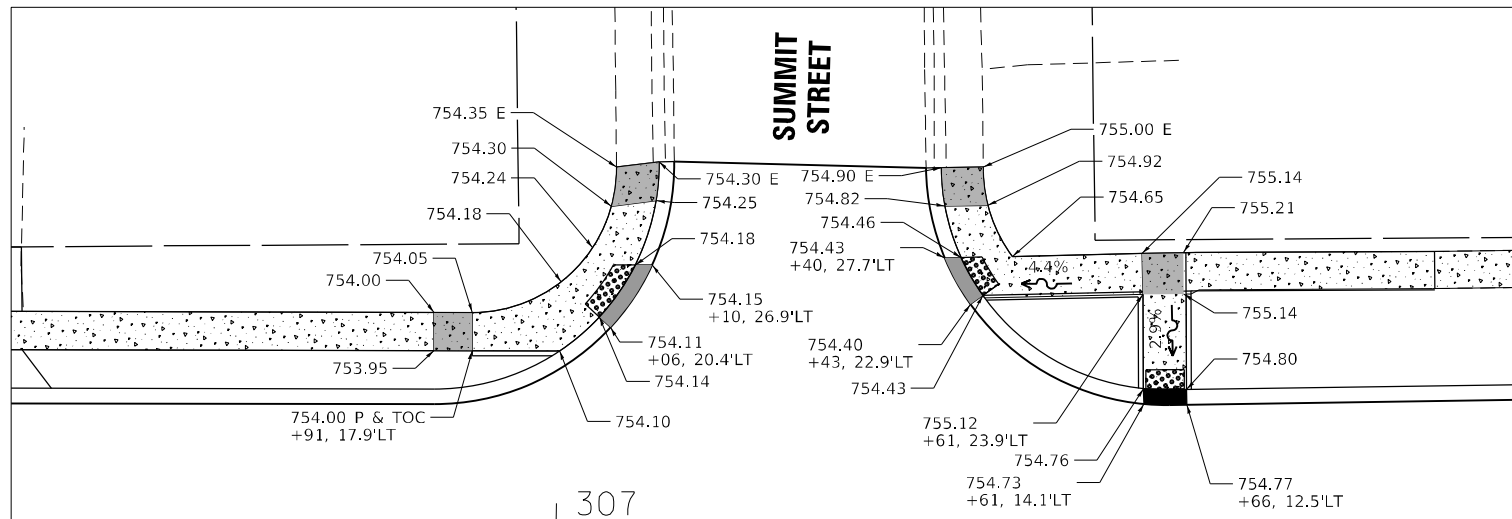
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	DRAWN - DMS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
SOUWANAS TRAIL & SCHUETT STREET**

SCALE: 1"=10' SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	61
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		



- LEGEND**
- DETECTABLE WARNINGS
 - PROPOSED SIDEWALK
 - DEPRESSED CURB
 - SIDEWALK LANDING AREA
 - PROPOSED SIDE CURB
 - (X.X%) EXISTING ELEVATION/SLOPE

E & TOC = EXISTING SIDEWALK SURFACE & FINISHED TOP OF CURB ELEVATION
P & TOC = PROPOSED SIDEWALK SURFACE & FINISHED TOP OF CURB ELEVATION
E = EXISTING PAVEMENT SURFACE

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-DET-SOUWANAS-07.dgn
 PEN TABLE: PLOT LABEL.tbl



USER NAME = jstrzal	DESIGNED - JS	REVISED -
	DRAWN - DMS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/26/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
SOUWANAS TRAIL & SCHUETT STREET**

SCALE: 1"=10' SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	62
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		

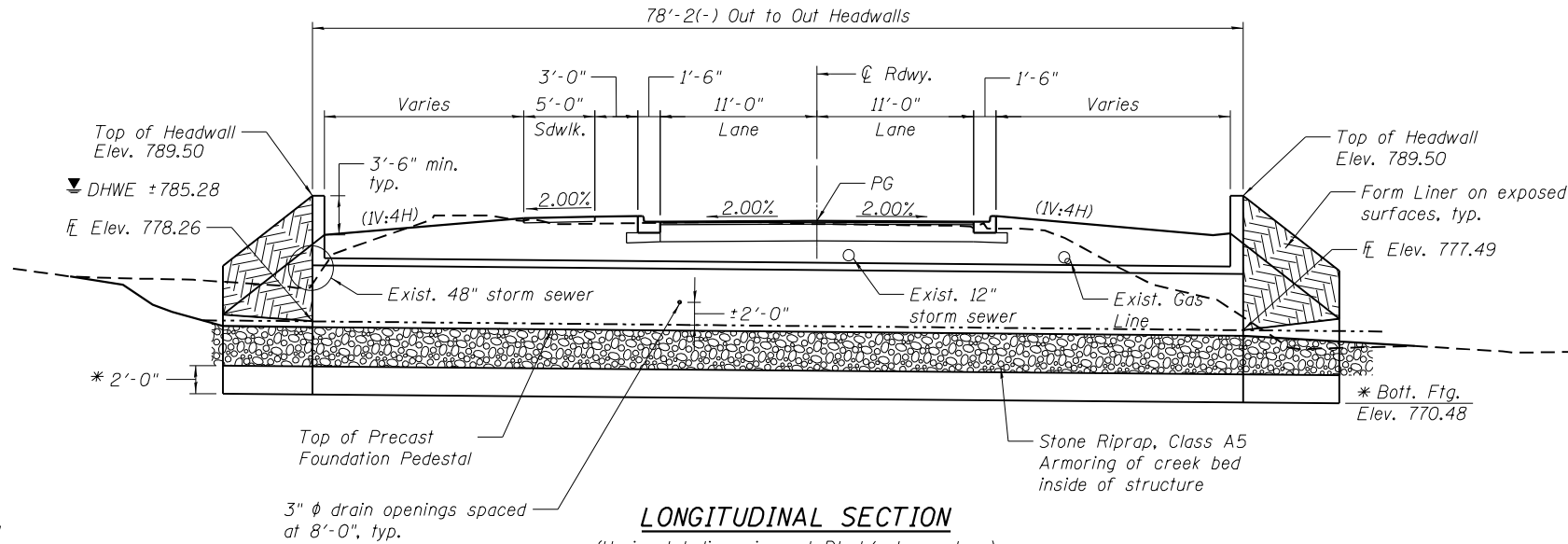
Benchmarks:
 Benchmark 1:
 Arrow bolt on fire hydrant located in the northeast quadrant of Scott Street and Souwanas Trail, approximately 16.0 feet east of the centerline of Scott and 45.0 feet north of the centerline of Souwanas.
 Elevation = 755.58 (NAVD 88)

Benchmark 4:
 Burry bolt on fire hydrant located in the northeast quadrant of Winaki Trail and Souwanas Trail, approximately 29.0 feet east of the centerline of Winaki and 41.0 feet north of the centerline of Souwanas.
 Elevation = 734.03 (NAVD 88)

Existing structure shall be removed and replaced with a Three Sided Precast Concrete Structure.

Road to be closed during construction.
 Traffic to be detoured.

Salvage: None



WATERWAY INFORMATION

Drainage Area = 1.33 sq. mi. Low Grade Elev. = 787.09 @ Sta. 132+30

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	30	385	12.6	46	785.28	3.2	-1.5	788.48	783.77
Base	100	417	12.6	46	785.41	3.1	-1.3	788.53	784.09
Overtopping	NA	NA	12.6	46	NA	NA	NA	NA	NA
Max. Calc.	100+	649	12.6	46	786.16	2.8	1.02	788.95	787.18

KEY NOTES

① Angle between Headwall and Three-Sided Structure wall provided for coordination with Precast Supplier and differs from Roadway and Structure Skew for ease of fabrication.

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition

DESIGN STRESSES

PRECAST UNITS

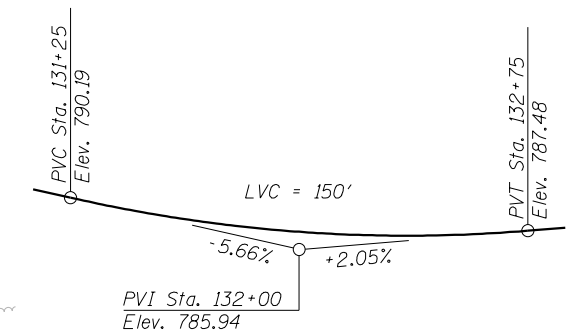
f'c = 5,000 psi
 fy = 65,000 psi (WWF)

LOADING HL-93

Allow 50#/sq. ft. for future wearing surface.

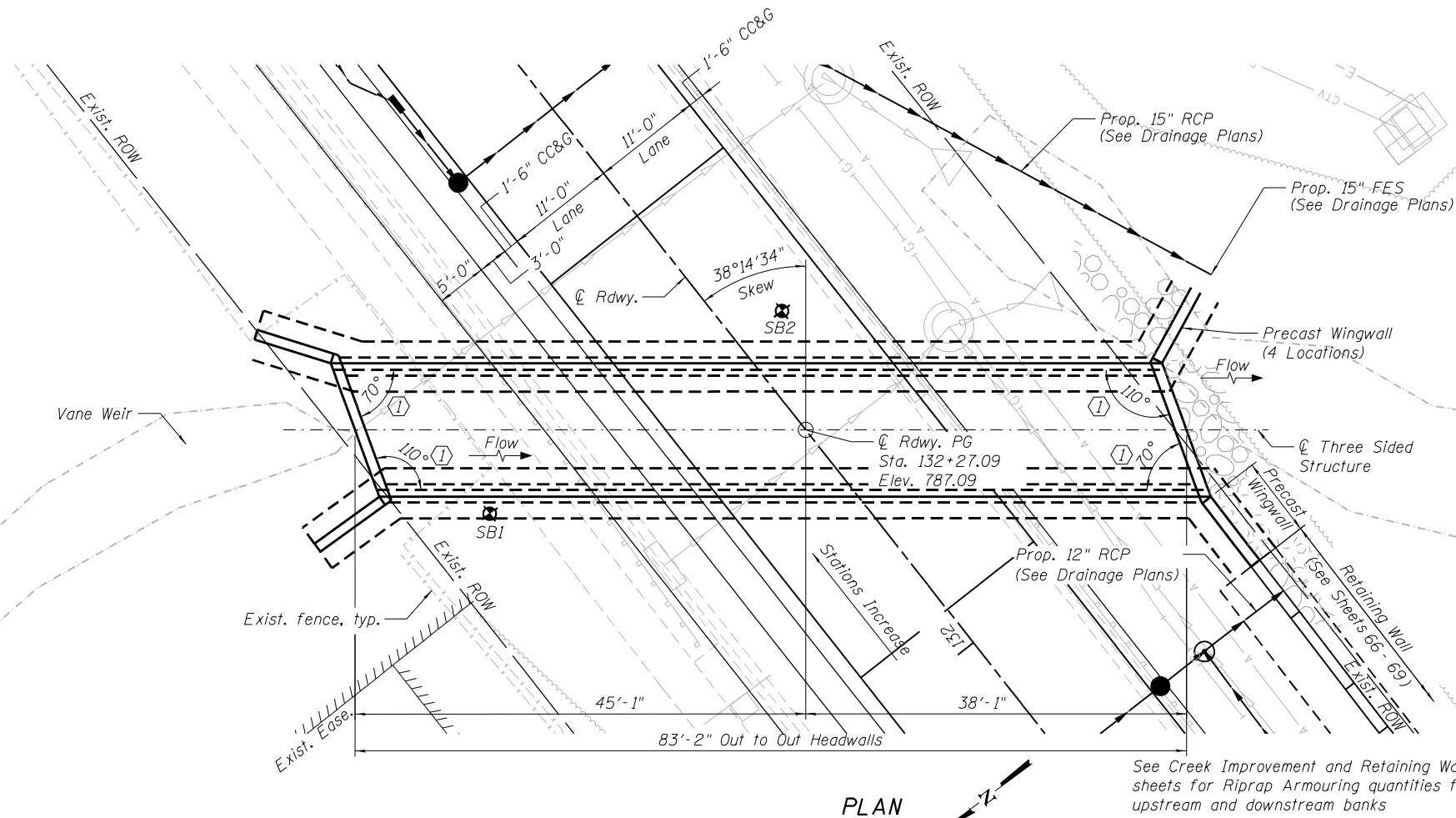
SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
 Design Spectral Acceleration at 1.0 sec. (SD1) = 0.082
 Design Spectral Acceleration at 0.2 sec. (SDS) = 0.143
 Soil Site Class = D



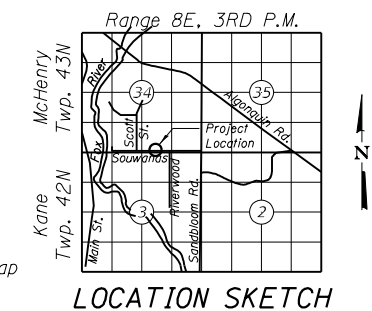
UTILITY LEGEND

- Gas Main to be relocated
- Aerial to be relocated
- Storm Sewer to be removed



PROFILE GRADE

(Along Centerline Roadway)



DESIGN SCOUR ELEVATION TABLE

Event / Limit State	Design Scour Elevations (ft.)		Item 113
	W. Abut.	E. Abut.	
Q100	772.56	772.56	8
Q200	772.48	772.48	
Design	772.48	772.48	
Check	772.48	772.48	

GENERAL PLAN
SOUWANAS TRAIL OVER SOUWANAS CREEK
SECTION NO. 17-00092-00-PV
F.A.U. RTE. 4004
MCHENRY/KANE COUNTY
STA. 132+27.09

HRG PROJECT NO.: 171425
 HRG PROJ. CONTACT:
 FILE NAME: 171425-str_culvert_ape.dgn
 PLOT DRIVER: il_def_dwg.plt
 PEN TABLE: plotlabel.tbl



USER NAME = jstrzal
 PLOT SCALE =
 PLOT DATE = 4/26/2022

DESIGNED - JMW
 CHECKED - AEU
 DRAWN - WJH
 CHECKED - AEU

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 3 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4004	17-00092-00-PV	MCHENRY	108	63

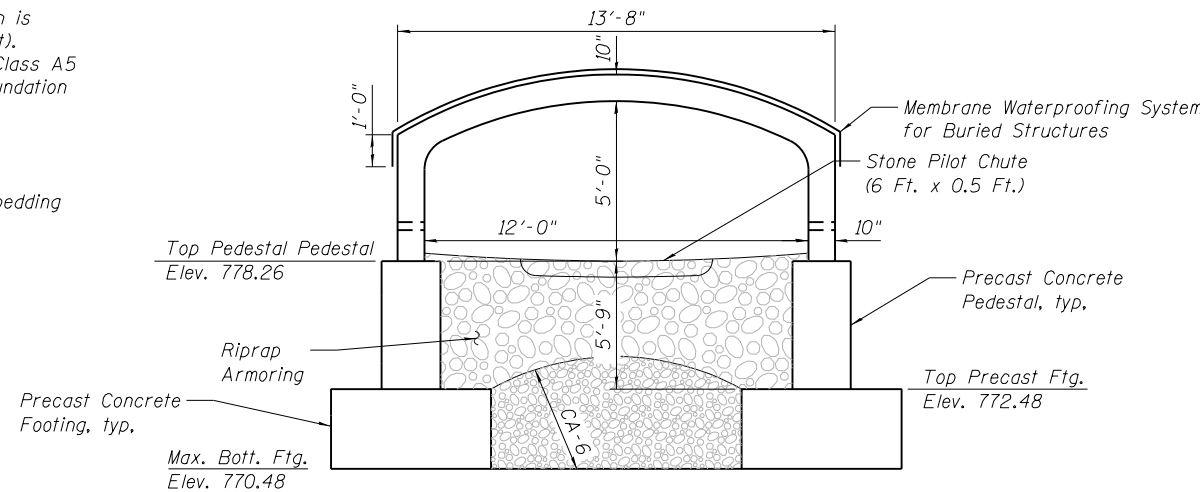
CONTRACT NO. 61H80
 ILLINOIS FED. AID PROJECT

GENERAL NOTES

- Headwalls, wingwalls, and foundations (including footings and/or footing pedestals of Three-Sided Structure) shall be precast concrete and designed and furnished by the supplier of the Three-Sided Precast Structure (Special).
- Diversion and construction activities shall not be permitted to cause water levels upstream to rise more than 2'-0" above the Normal Pool, or above elevation 780.00 at the upstream face of the crossing.
- Stone Riprap quantity for the crossing location is limited to the structure width x (length + 10 ft). Quantity assumes equivalent of two layers of Class A5 stone sufficient to armor similar to typical foundation section.
- Factored Resistance Available = 4,000 psf.
- CA-6 Beneath Rip Rap Armoring is required bedding stone per Section 281 of the SSRBC.

BILL OF MATERIALS

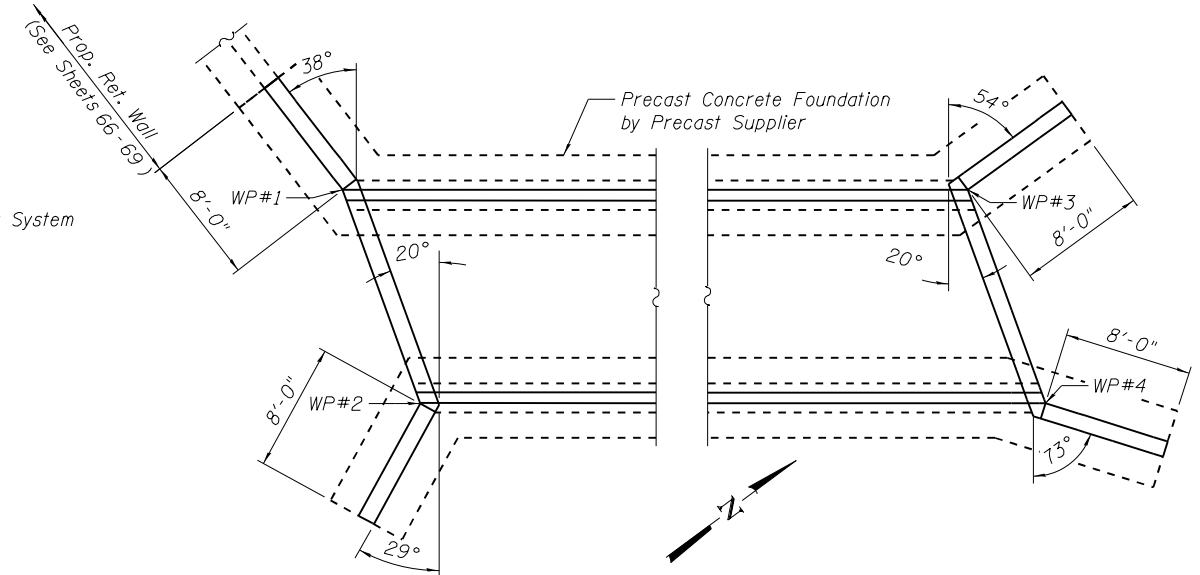
ITEM	UNIT	TOTAL
Three Sided Precast Concrete Structures (Special) 12' Ft	Foot	83
Stone Riprap, Class A5	Ton	210
Form Liner Textured Surface	Sq. Ft.	722
Staining Concrete Structures	Sq. Ft.	722
Membrane Waterproofing System for Buried Structures	Sq. Yd.	144
Controlled Low-Strength Material	Cu. Yd.	315



SECTION THRU STRUCTURE

(At Rt L's to Structure)

*Slab, wall pedestal and footing thickness and shape may vary per manufacturer's design. Minimum clearances shown must be met.

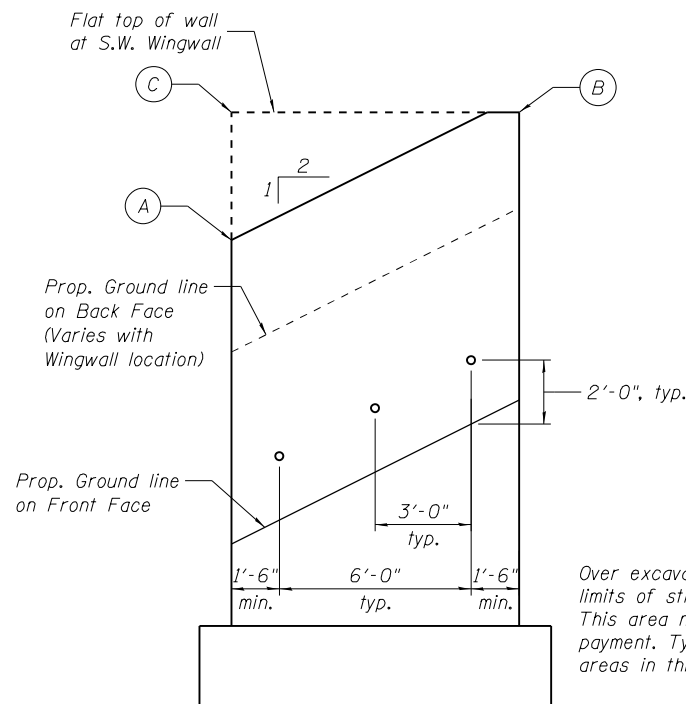


WORK POINT LOCATIONS

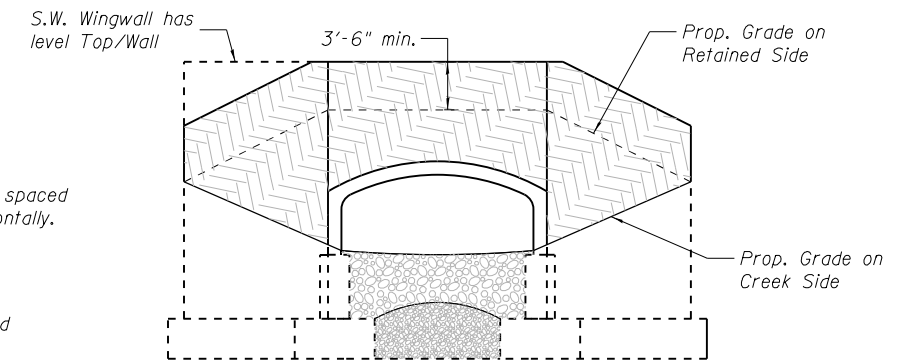
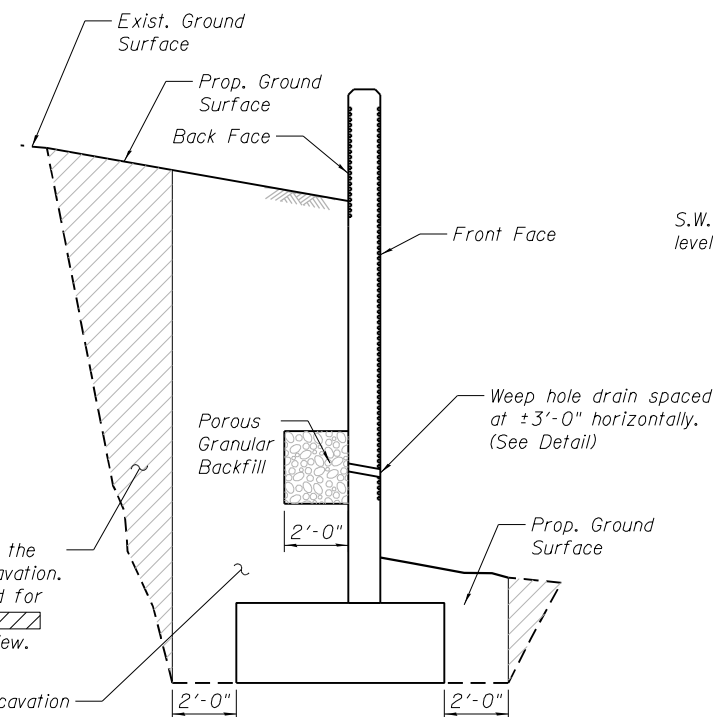
W.P.#	Station	Offset
1	131+96.76	27.69' RT
2	132+10.27	32.14' RT
3	132+48.24	37.64' LT
4	132+61.72	33.19' LT

TOP OF WINGWALL ELEVATIONS

Wingwall Location	A	B	C
N.W.	785.50	789.50	—
N.E.	785.50	789.50	—
S.W.	—	789.50	789.50
S.E.	785.00	789.50	—



WINGWALL DRAIN DETAILS



END SECTION ELEVATION

Typical, General Representation

HRC PROJECT NO.: 171425
 HRC PROJ. CONTACT:
 FILE NAME: 171425-str_Culvert_GeneralNotes.dgn
 PLOT DRIVER: IL_Pdf.dwgPltcfg
 PEN TABLE: PLCTLABEL.tbl

MSET PROJECT NO.: 16600		LOG OF BORING NO. SB-1		Page 1 of 1				
PROJECT: Scott and Souwanas		SITE LOCATION: Algonquin, Illinois						
BORING LOCATION: (North Side of Roadway = U/S end of Crossing) See Location Map		CLIENT: Village of Algonquin						
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	
0		Black CLAY, A-6 Topsoil FILL some concrete debris	0.0					
		Roadway Elev = 787.00						
4		Black CLAY, A-6, Possible FILL trace wood pieces, trace fibers, some sand & gravel, hard	-3.0	SS 2	5	16		4.5 + Qp
		Dark Grey Sandy Clay LOAM, A-2-4, medium dense	-5.5	SS 3	14	18		
8		Brown LOAM, A-6(5) very stiff	-8.0	SS 4	6	11	119.4	3.53
		Elev = 779.00 Creek Flow Line (Avg. Elev.)						
12		Grey Clay LOAM, A-6 very stiff to hard	-10.5	SS 5	13	11	109	3.76
		Top of Ftg. Elev. = 774.31						
		Bott. of Ftg. Elev. = 771.81						
16		Grey Sandy LOAM, A-2-4 medium dense, saturated	-15.5	SS 7	22	10	122	2.33
20		Grey Clay LOAM, A-6 hard	-18.0	SS 8	12	10	127	5.66
		Sandy Loam seam at 19'						
		Grey Clay LOAM, A-6, hard	-20.0	SS 9	25	10	119	4.97
24				SS 10	15	11	123	7.29
				SS 11	15	11	121	6.09
28				SS 12	15	11	122	5.24
		End of Boring at 30 Feet	-29.5					
WATER LEVEL OBSERVATIONS, ft.		DURING DRILLING: 15.5'		BORING STARTED: 11/17/16				
		IMMEDIATELY AFTER DRILLING: 23.5'		BORING COMPLETED: 11/17/16				
		DELAYED READING AFTER		LOGGED BY: GF				
				BORING METHOD: HSA				

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 f(847) 844-3875

MSET PROJECT NO.: 16600		LOG OF BORING NO. SB-2		Page 1 of 1				
PROJECT: Scott and Souwanas		SITE LOCATION: Algonquin, Illinois						
BORING LOCATION: (South Side of Roadway = U/S end of Crossing) See Location Map		CLIENT: Village of Algonquin						
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	
0		Pavement Materials 18"	0.0	SS 1A	4	11		
		Dark Grey Sandy Clay LOAM, A-2-4 FILL	-1.0					
		Brown SAND, little Gravel, A-1-b FILL slightly dense	-1.5	1B	7	6		
4		Black CLAY, A-7-6 very stiff	-3.0	SS 2	4	21	98	2.91
		Grey Sandy Clay LOAM, A-2-4 loose	-5.5	SS 3	3	16		
8		Sand seam at 7.0'						
		Elev = 779.00						
		Red Brown LOAM, A-6 stiff	-8.0	SS 4	7	12	123	1.40
		Creek Flow Line (Avg. Elev.)						
12		Grey Clay LOAM, A-6, little Gravel, very stiff to hard	-10.5	SS 5	13	11	110	3.10
		Top of Ftg. Elev. = 773.44						
		Bott. of Ftg. Elev. = 770.94						
16				SS 7	23	11	108	4.00
20		Grey Sandy LOAM, A-6, little Gravel, hard to very hard	-20.0	SS 8	20	11	125	5.82
				SS 9	22	9	108	4.04
24				SS 10	19	10	126	9.43
				SS 11	22	11	110	5.04
28				SS 12	18	9	127	6.52
		End of Boring at 30 Feet	-29.5					
WATER LEVEL OBSERVATIONS, ft.		DURING DRILLING: 7.0'		BORING STARTED: 11/17/16				
		IMMEDIATELY AFTER DRILLING: 26.0'		BORING COMPLETED: 11/17/16				
		DELAYED READING AFTER		LOGGED BY: GF				
				BORING METHOD: HSA				

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 f(847) 844-3875

HRG PROJECT NO.: 171425
HRG PROJ. CONTACT:
FILE NAME: 171425-str_Culvert_Blog.dgn
PLOT DRIVER: IL_Pdf.dwg, P1.ctb
PEN TABLE: PlotTable.tbl



USER NAME: jstrzal
DESIGNED: JMW
CHECKED: JMW
DRAWN: WJH
CHECKED: AEU
PLOT DATE: 4/26/2022

DESIGNED: JMW
CHECKED: JMW
DRAWN: WJH
CHECKED: AEU

REVISED: -
REVISED: -
REVISED: -
REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
SOUWANAS TRAIL

SHEET NO. 3 OF 3 SHEETS

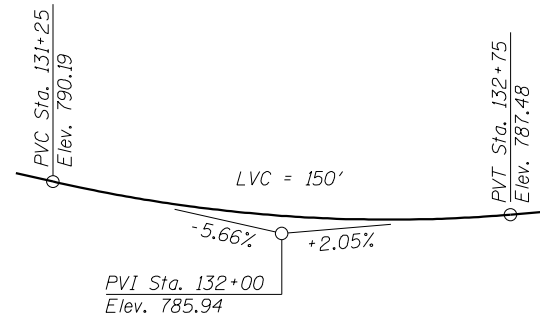
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4004	17-00092-00-PV	MCHENRY	108	65
CONTRACT NO. 61H80			ILLINOIS FED. AID PROJECT	

Benchmarks:
Benchmark 1:
 Arrow bolt on fire hydrant located in the northeast quadrant of Scott Street and Souwanas Trail, approximately 16.0 feet east of the centerline of Scott and 45.0 feet north of the centerline of Souwanas.
 Elevation = 755.58 (NAVD 88)

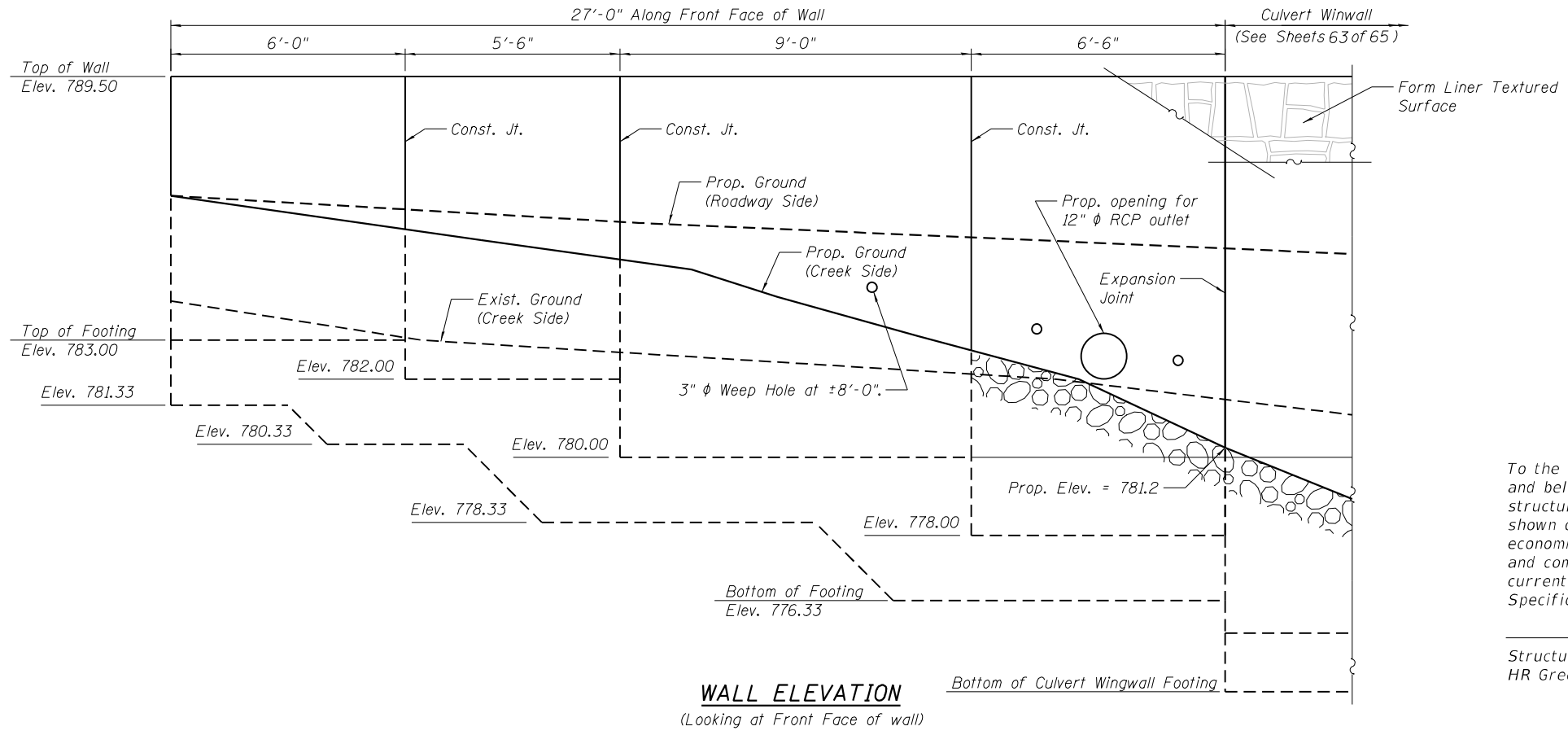
Benchmark 4:
 Burry bolt on fire hydrant located in the northeast quadrant of Winaki trail and Souwanas Trail, approximately 29.0 feet east of the centerline of Winaki and 41.0 feet north of the centerline of Souwanas.
 Elevation = 734.03

UTILITY LEGEND

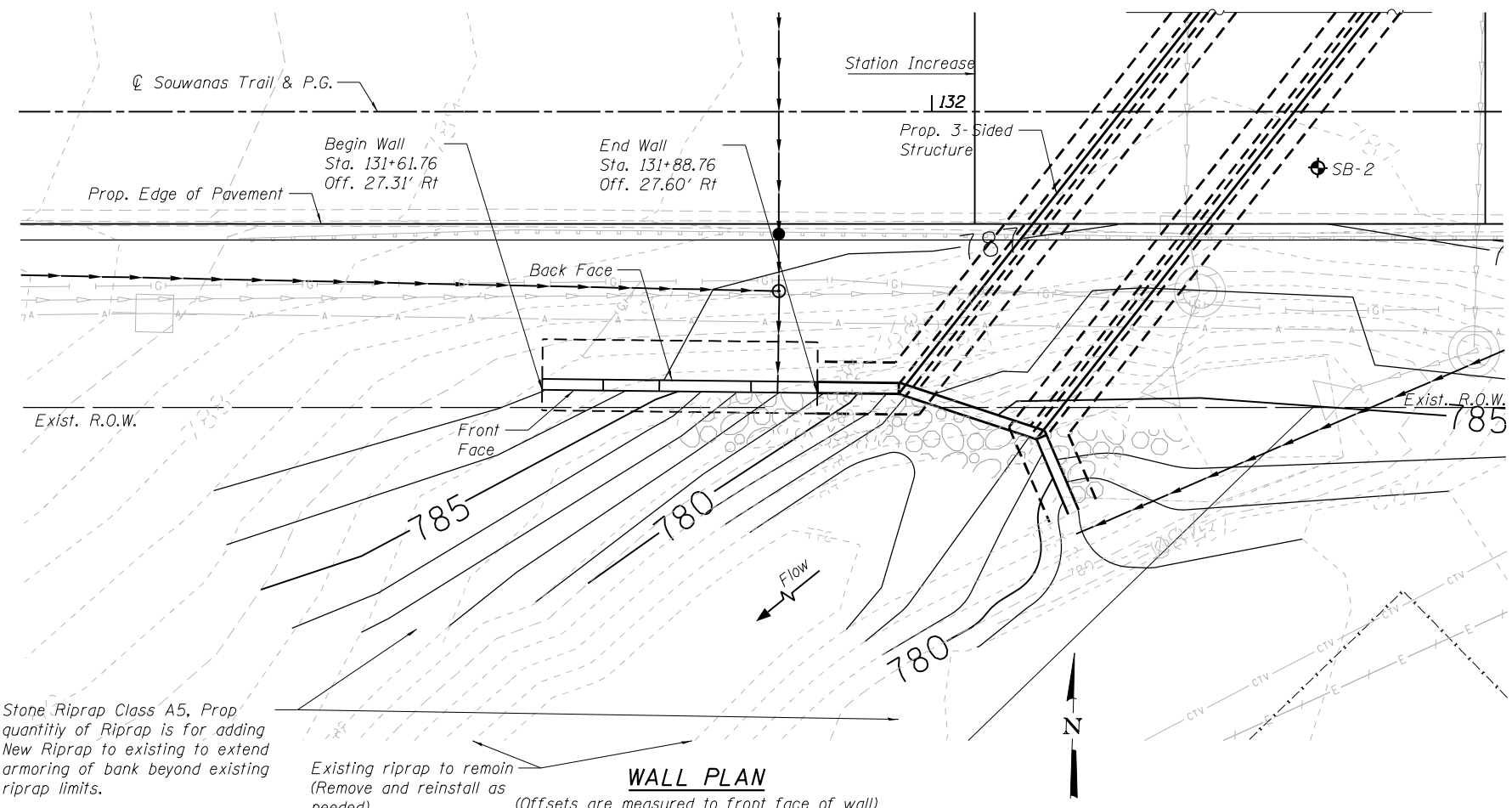
- G— Gas Main to be relocated
- A— Aerial to be relocated
- S— Storm Sewer to be Removed



PROFILE GRADE
 (Along Centerline of Roadway)



WALL ELEVATION
 (Looking at Front Face of wall)



WALL PLAN

Stone Riprap Class A5, Prop quantity of Riprap is for adding New Riprap to existing to extend armoring of bank beyond existing riprap limits.

Existing riprap to remain (Remove and reinstall as needed)
 (Offsets are measured to front face of wall)

INDEX OF SHEETS

1. General Plan and Elevation
2. General Data
3. Retaining Wall Details
4. Boring Log

DESIGN SPECIFICATIONS

2020 AASHTO LRFD Bridge Design Specifications, 9th Edition.

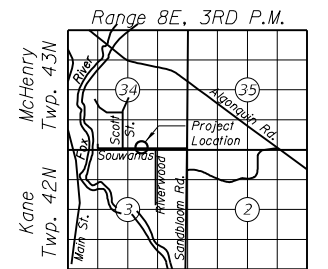
DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
 fy = 60,000 psi (Reinforcement)

To the best of my knowledge, information and belief, this retaining wall design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with the requirements of the current "AASHTO LRFD Bridge Design Specifications".

Structural Engineer Expires: 11/30/2022
 HR Green, Inc.



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
SOUWANAS TRAIL RETAINING WALL B
SECTION NO. 17-00092-00-PV
F.A.U. RTE 4004
MCHENRY COUNTY
STA. 131+61.77 TO STA. 131+88.77

HRC PROJECT NO.: 171425
 HRC PROJ. CONTACT:
 FILE NAME: 171425-str_ret-wall/GPE.dgn
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 PEN TABLE: PLCTLABEL.tbl



USER NAME = jstrzal	DESIGNED - SLS	REVISED -
PLOT SCALE =	CHECKED - JMW	REVISED -
PLOT DATE = 4/26/2022	DRAWN - WJH	REVISED -
	CHECKED - AEU	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4004	17-00092-00-PV	MCHENRY	108	66
CONTRACT NO. 61H80			ILLINOIS FED. AID PROJECT	

GENERAL NOTES

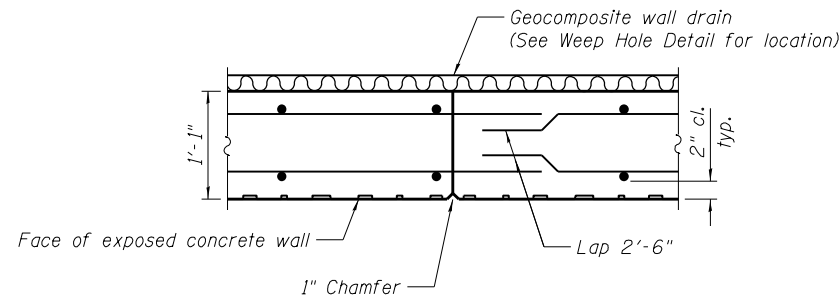
1. Reinforcement bars designated (E) shall be epoxy coated.
2. Protective Coat shall be applied to the top face and the front face (full height) of the wall over its entire length.
3. FORM LINER TEXTURED SURFACE

A form liner pattern (below the 4" coping) shall be applied to the walls, which shall conform to the Special Provisions for Form Liner Textured Surface.

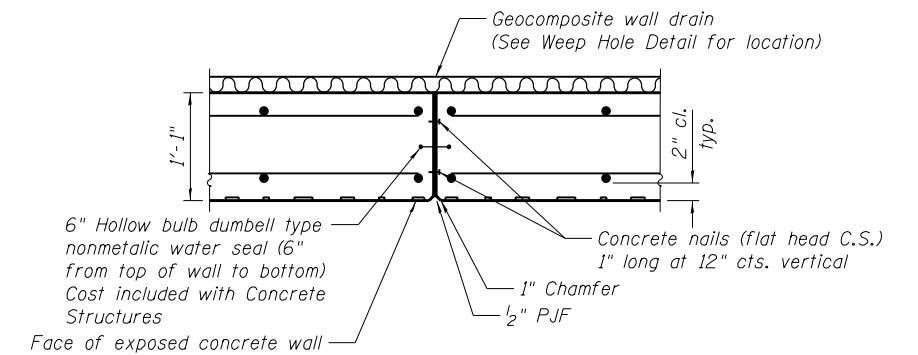
The top surface of the 4" coping shall be finished with a roughened texture, to simulate natural stone.

4. COLORATION

All areas receiving Form Liner Textured Surface shall receive concrete stain, including coping on top of the retaining walls, duplicate the effect of a random stone wall with individual stones of various colors. See Special Provisions, Staining Concrete Structures, for coloring and staining criteria.

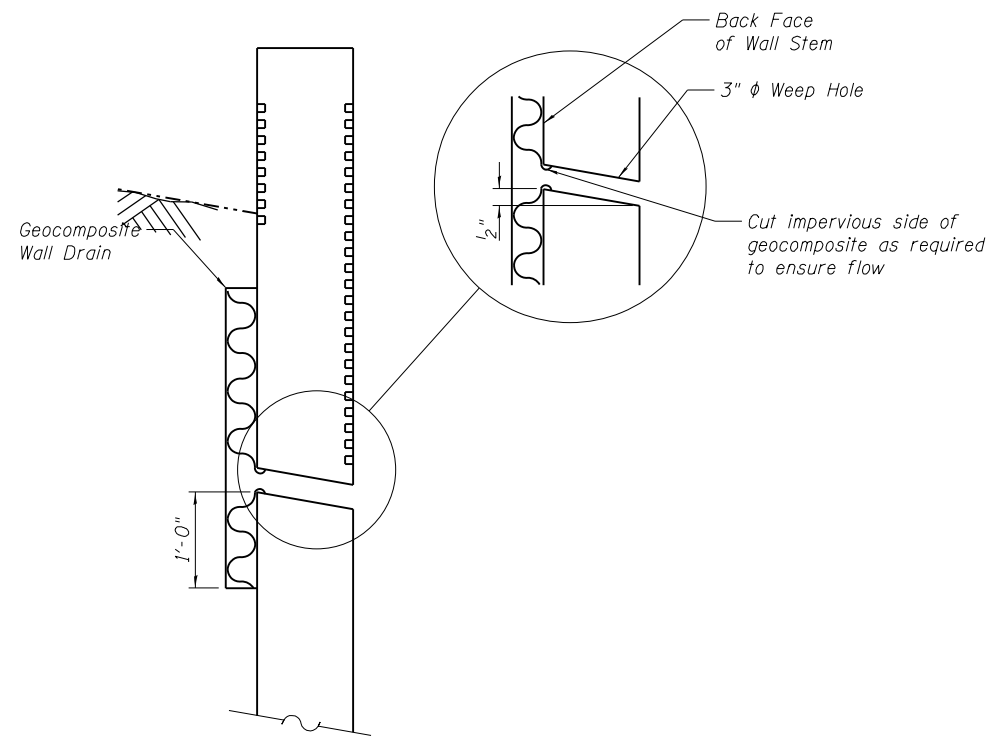


CONSTRUCTION JOINT DETAIL

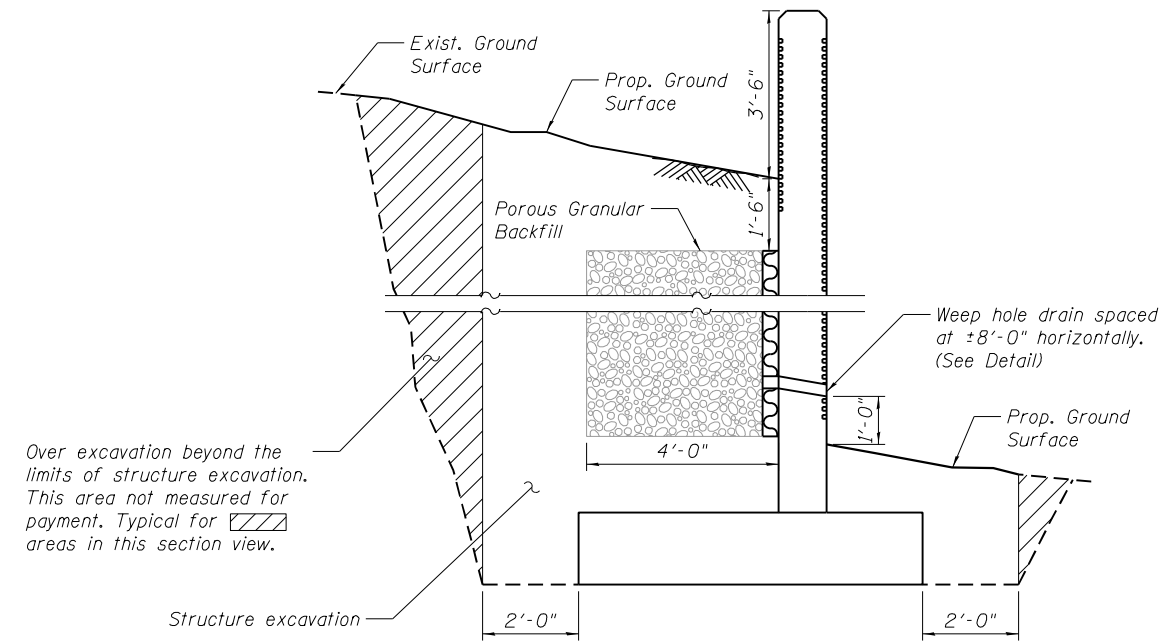


EXPANSION JOINT

Cost included with Concrete Structures



WEEP HOLE DRAIN DETAIL



T-TYPE WALL DRAINAGE DETAILS

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 PEN TABLE: PLCTLABEL.tbl



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PLOT DATE = 4/26/2022	DRAWN - WJH	REVISED -
	CHECKED - AEU	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

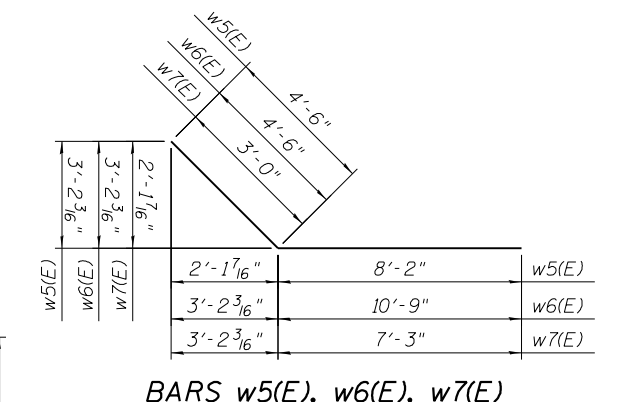
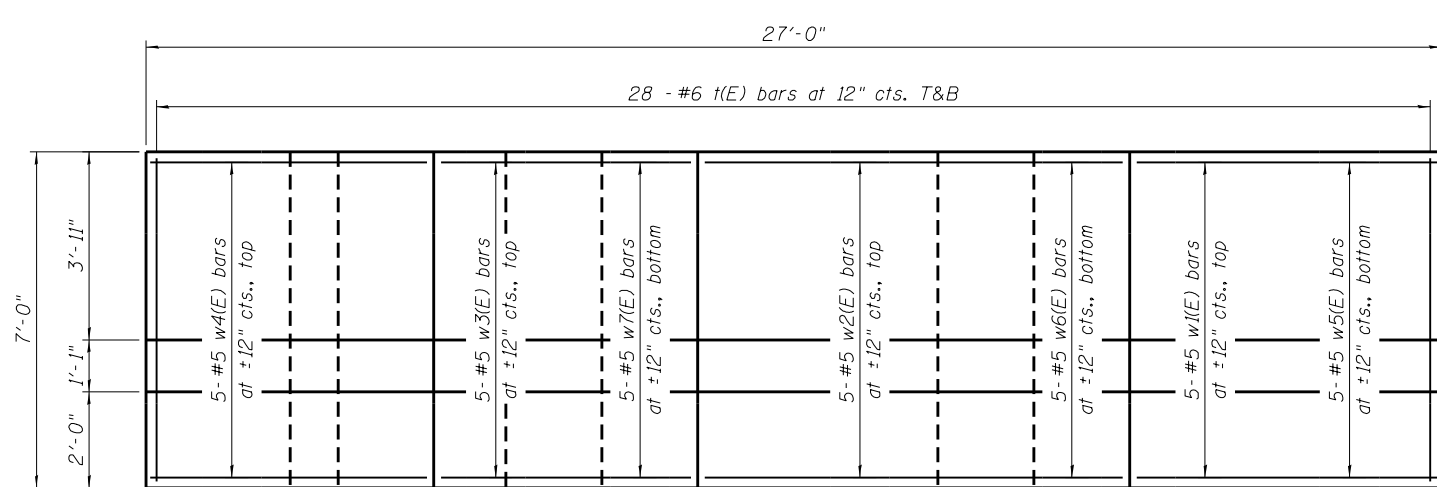
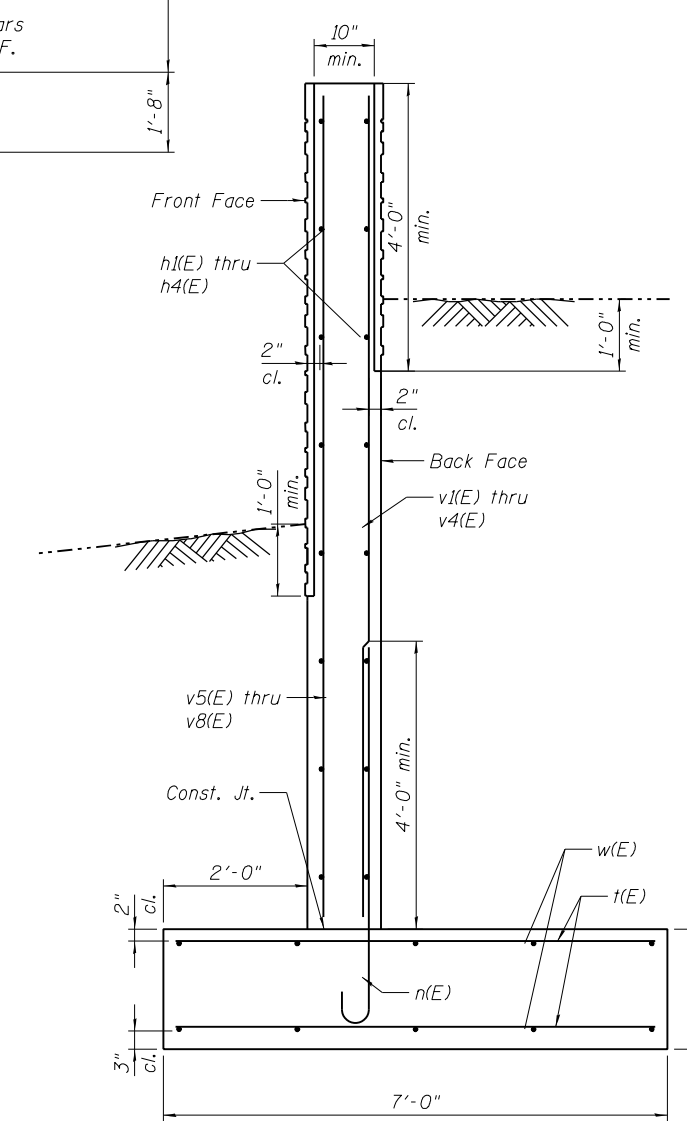
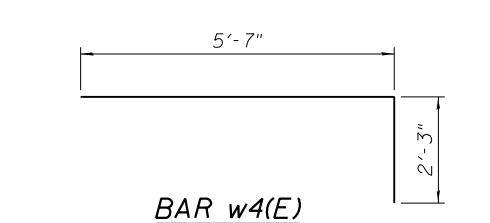
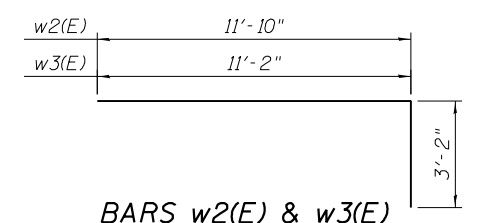
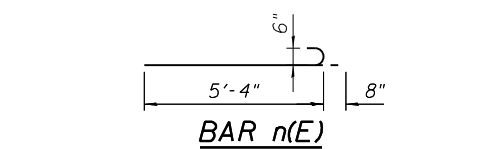
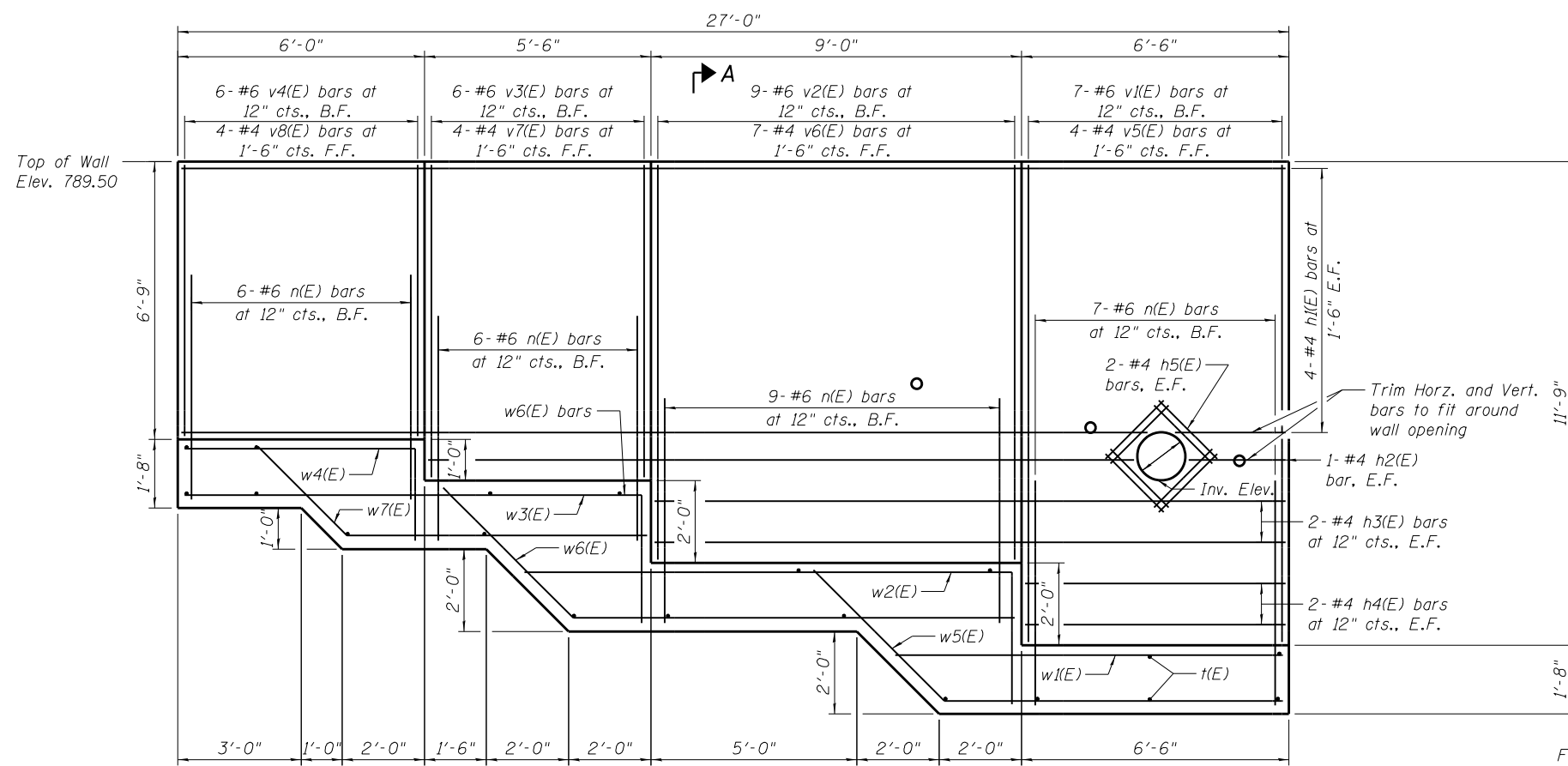
**GENERAL DATA
 SOUWANAS TRAIL RETAINING WALL B**

SHEET NO. 2 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4004	17-00092-00-PV	MCHENRY	108	67
CONTRACT NO. 61H80			ILLINOIS FED. AID PROJECT	

BILL OF MATERIALS

Bar	No.	Size	Length	Shape
h1(E)	8	#4	26'-8"	—
h2(E)	2	#4	20'-8"	—
h3(E)	4	#4	15'-2"	—
h4(E)	4	#4	6'-2"	—
h5(E)	16	#4	2'-0"	—
n(E)	28	#6	6'-0"	—
t(E)	56	#6	6'-8"	—
v1(E)	7	#6	11'-5"	—
v2(E)	9	#6	9'-5"	—
v3(E)	6	#6	7'-5"	—
v4(E)	6	#6	6'-5"	—
v5(E)	4	#4	11'-5"	—
v6(E)	7	#4	9'-5"	—
v7(E)	4	#4	7'-5"	—
v8(E)	4	#4	6'-5"	—
w1(E)	5	#5	9'-6"	—
w2(E)	5	#5	15'-0"	—
w3(E)	5	#5	14'-4"	—
w4(E)	5	#5	7'-10"	—
w5(E)	5	#5	12'-8"	—
w6(E)	5	#5	15'-3"	—
w7(E)	5	#5	10'-3"	—
Concrete Structures			Cu. Yd.	25.3
Reinforcement Bars, Epoxy Coated			Pound	1,990
Porous Granular Backfill			Cu. Yd.	3
Structure Excavation			Cu. Yd.	83
Form Liner Textured Surface			Sq. Ft.	284
Geocomposite Wall Drain			Sq. Yd.	2
Stone Riprap, Class A5			Tons	38
Staining Concrete Structures			Sq. Yd.	35



HRG PROJECT NO.: 171425
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PLOT DATE = 4/26/2022	DRAWN - WJH	REVISED -
	CHECKED - AEU	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RETAINING WALL DETAILS
 SOUWANAN TRAIL RETAINING WALL B**

SHEET NO. 3 OF 4 SHEETS

F.A.U. RTE. 4004	SECTION 17-00092-00-PV	COUNTY MCHENRY	TOTAL SHEETS 108	SHEET NO. 68
CONTRACT NO. 61H80			ILLINOIS FED. AID PROJECT	

MSET PROJECT NO.: 16600		LOG OF BORING NO. SB-2			Page 1 of 1			
PROJECT: Scott and Souwanas <small>(South Side of Roadway = U/S end of Crossing) See Location Map</small>				SITE LOCATION: Algonquin, Illinois				
BORING LOCATION: See Location Map				CLIENT: Village of Algonquin				
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS
				TYPE/ INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	
0		Pavement Materials 18" Roadway Elev = 787.00	0.0	SS	1A	4	11	
		Dark Grey Sandy Clay LOAM, A-2-4 FILL	-1.0					
		Brown SAND, little Gravel, A-1-b FILL slightly dense	-1.5		1B	7	6	
		Black CLAY, A-7-6 very stiff	-3.0	SS	2	4	21	98
4		Black CLAY, A-7-6 very stiff						2.91
		Grey Sandy Clay LOAM, A-2-4 loose	-5.5	SS	3	3	16	
		Sand seam at 7.0' Elev = 779.00						
8		Red Brown LOAM, A-6 stiff Creek Flow Line (Avg. Elev.)	-8.0	SS	4	7	12	123
		Grey Clay LOAM, A-6, little Gravel, very stiff to hard	-10.5	SS	5	13	11	110
12		Top of Ftg. Elev. = 773.44		SS	6	17	10	119
		Bott. of Ftg. Elev. = 770.94		SS	7	23	11	108
16		Grey Sandy LOAM, A-6, little Gravel, hard to very hard	-20.0	SS	8	20	11	125
20		Grey Sandy LOAM, A-6, little Gravel, hard to very hard	-20.0	SS	9	22	9	108
24		Grey Sandy LOAM, A-6, little Gravel, hard to very hard	-20.0	SS	10	19	10	126
28		Grey Sandy LOAM, A-6, little Gravel, hard to very hard	-20.0	SS	11	22	11	110
		End of Boring at 30 Feet	-29.5	SS	12	18	9	127
		End of Boring at 30 Feet	-29.5	SS	12	18	9	127

WATER LEVEL OBSERVATIONS, ft.
 DURING DRILLING: 7.0'
 IMMEDIATELY AFTER DRILLING: 26.0'
 DELAYED READING AFTER



BORING STARTED: 11/17/16
 BORING COMPLETED: 11/17/16
 LOGGED BY: GF
 BORING METHOD: HSA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 f(847) 844-3875

HRC PROJECT NO.: 171425
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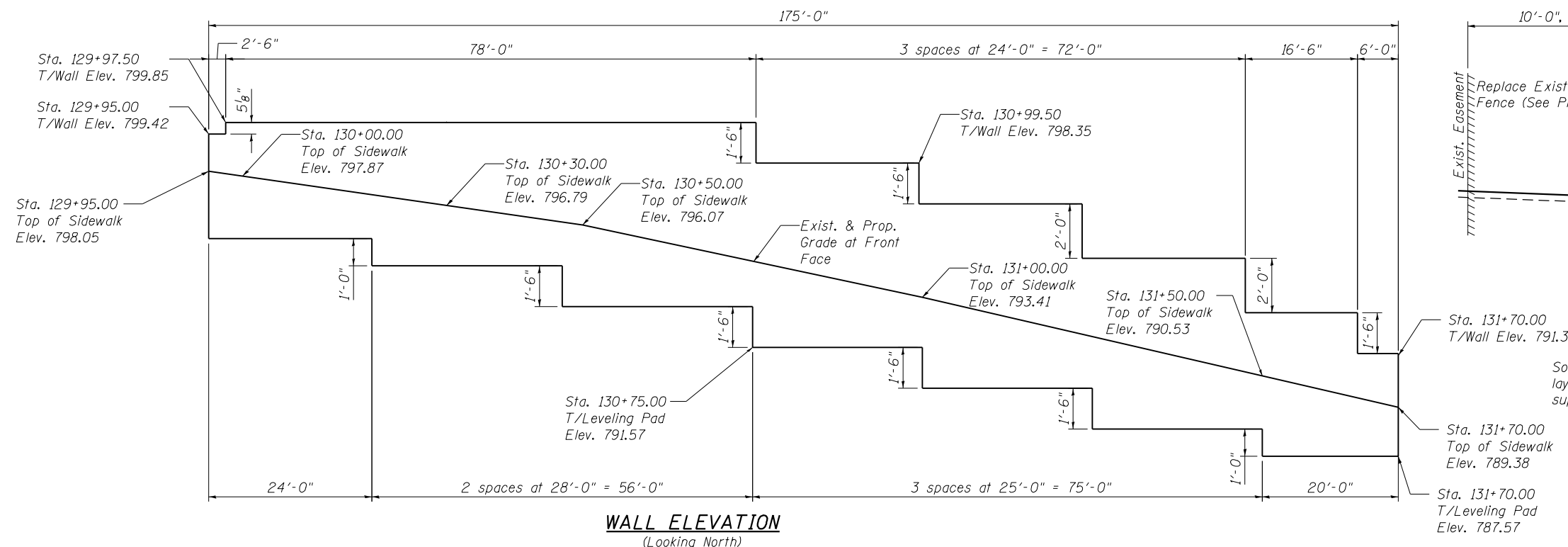
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

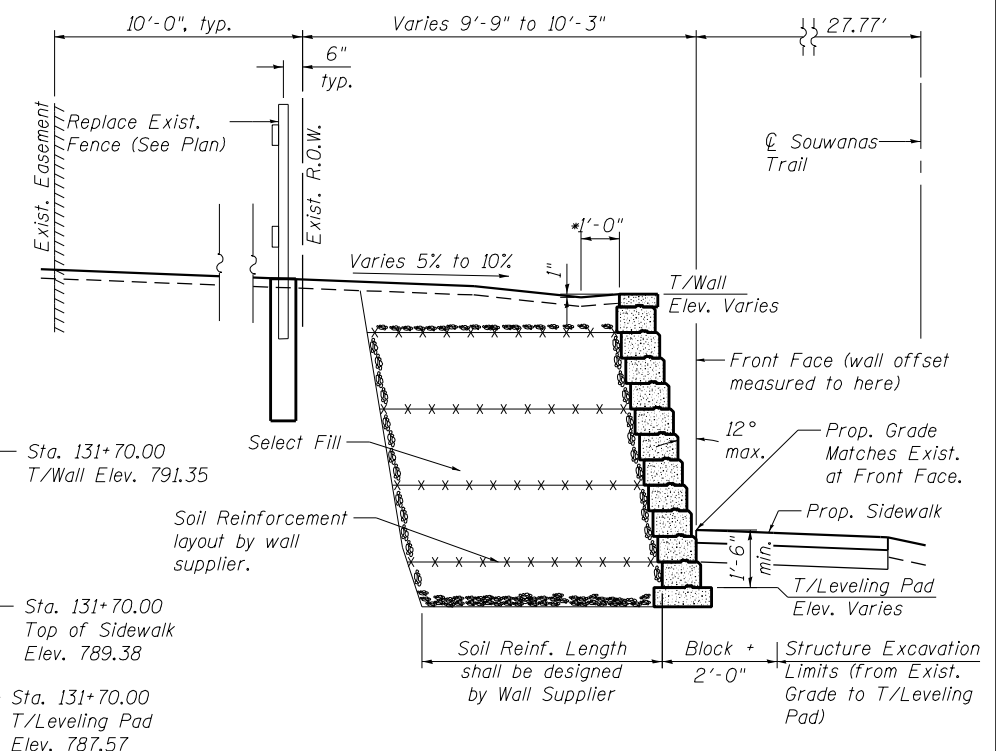
SOIL BORING LOGS
 SOUWANAS TRAIL RETAINING WALL B

SHEET NO. 4 OF 4 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4004	17-00092-00-PV	MCHENRY	108	69
CONTRACT NO. 61H80			ILLINOIS FED. AID PROJECT	



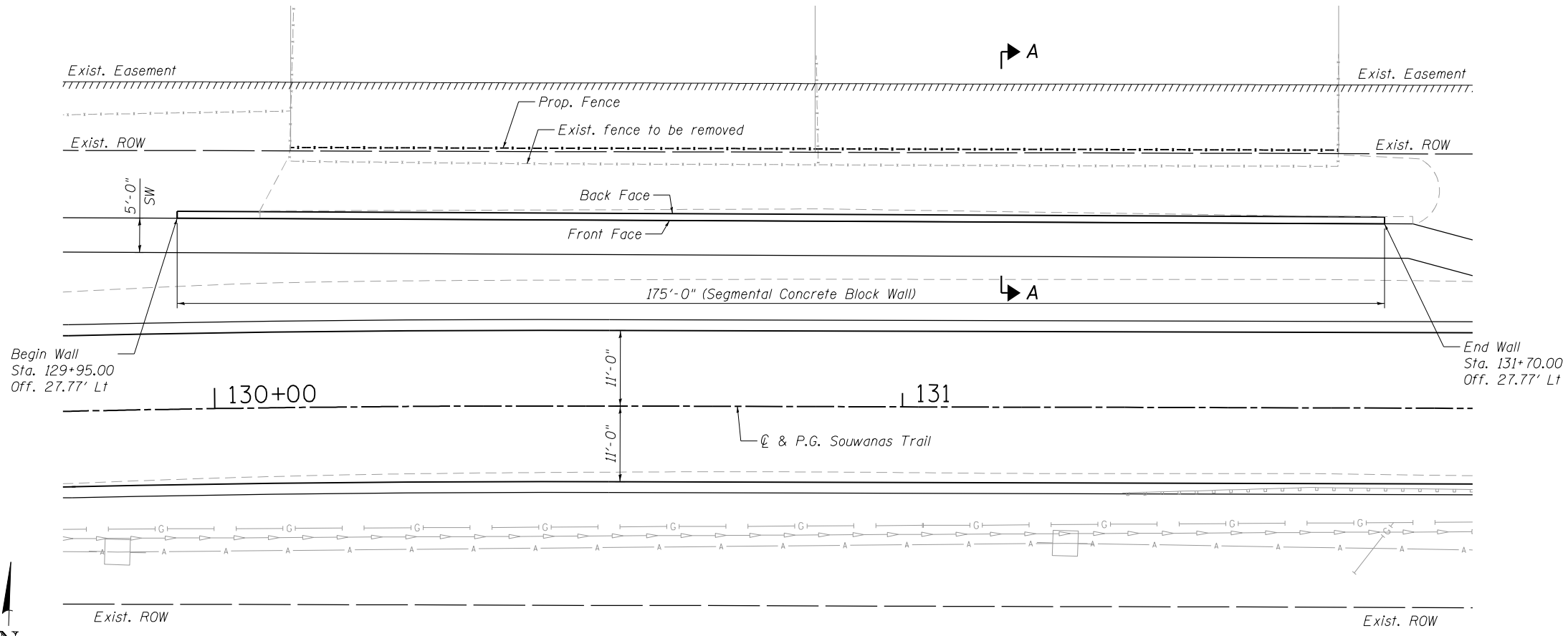
WALL ELEVATION
(Looking North)



SECTION A-A

* = Drainage Swale shall be 2' wide with 10% side slopes

Wall Supplier/Designer is Responsible for Design of Wall Drainage (either weep holes or a sub-drain that connects to nearby storm man-holes)



PLAN

Wall offset measured from \odot roadway to Front Face of wall as defined in Typical Section.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	43.8
Segmental Concrete Block Wall	Sq. Ft.	1,190

**GENERAL PLAN AND ELEVATION
SOUWANAS TRAIL RETAINING WALL A
SECTION NO. 17-00092-00-PV
F.A.U. RTE 4004
MCHENRY COUNTY
STATON 129+95 TO 131+70**

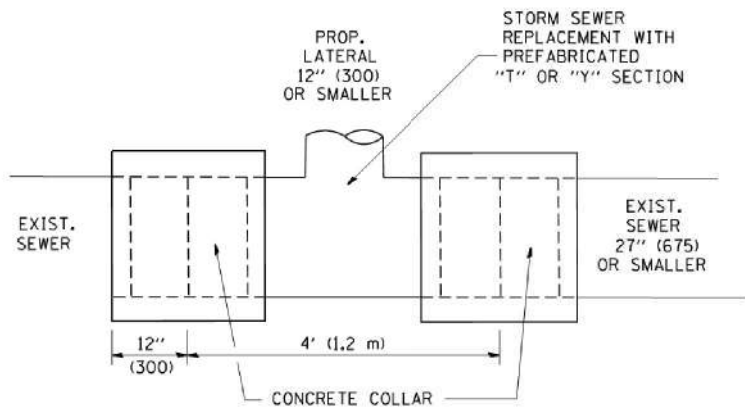
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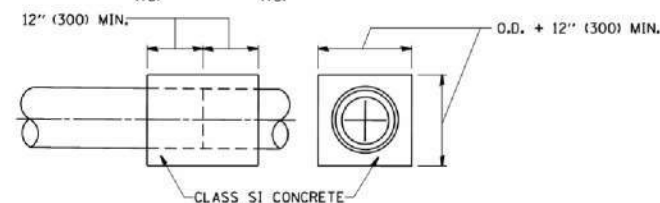
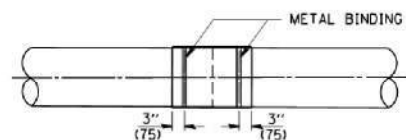
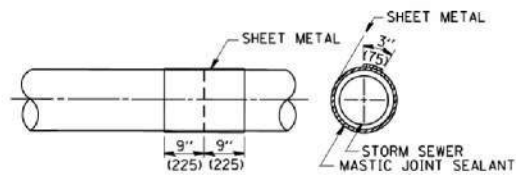
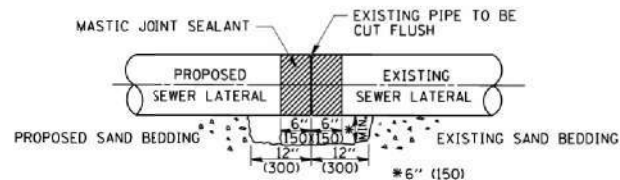
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.U. RTE. 4004	SECTION 17-00092-00-PV	COUNTY MCHENRY	TOTAL SHEETS 108	SHEET NO. 70
CONTRACT NO. 61H80			ILLINOIS FED. AID PROJECT	



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER

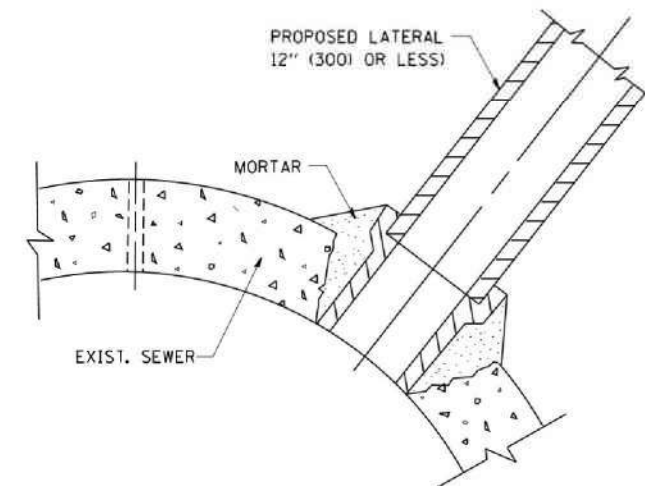


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
 - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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 PROJECT CONTACT: #PROJECT CONTACT#
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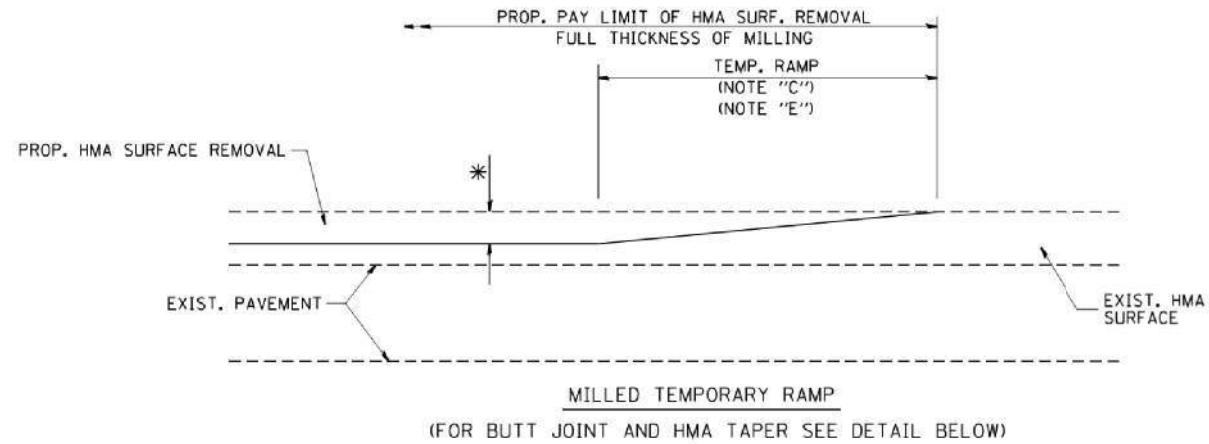
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		CHECKED -	REVISED - R. SHAH 10-25-94
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

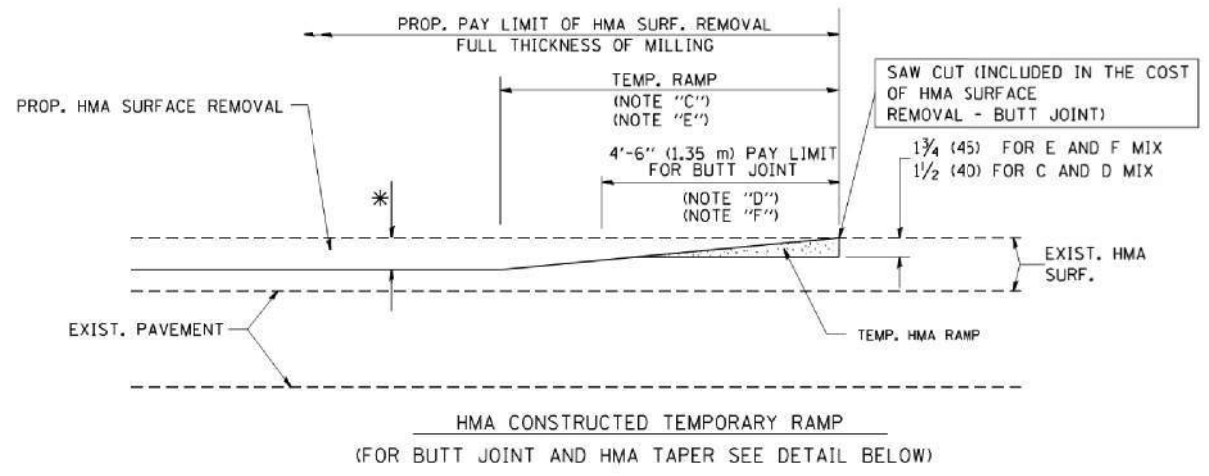
DETAIL OF STORM SEWER
 CONNECTION TO EXISTING SEWER

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

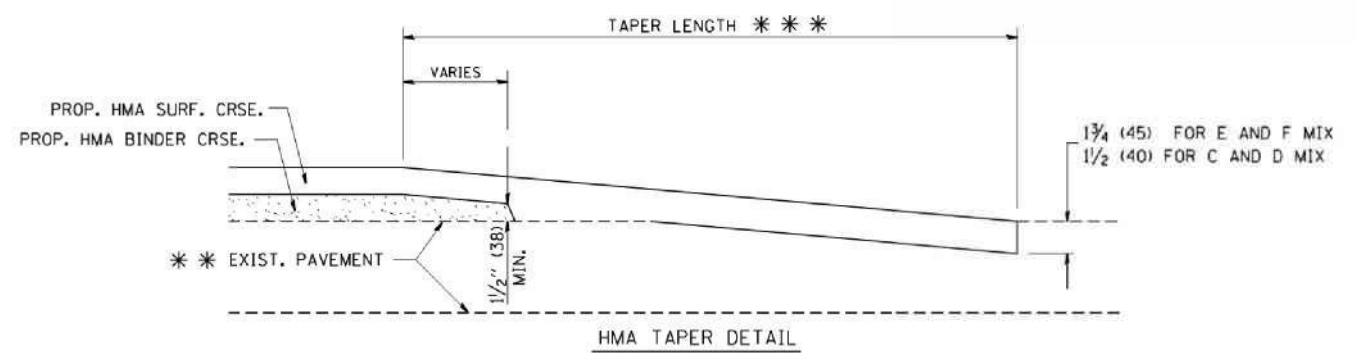
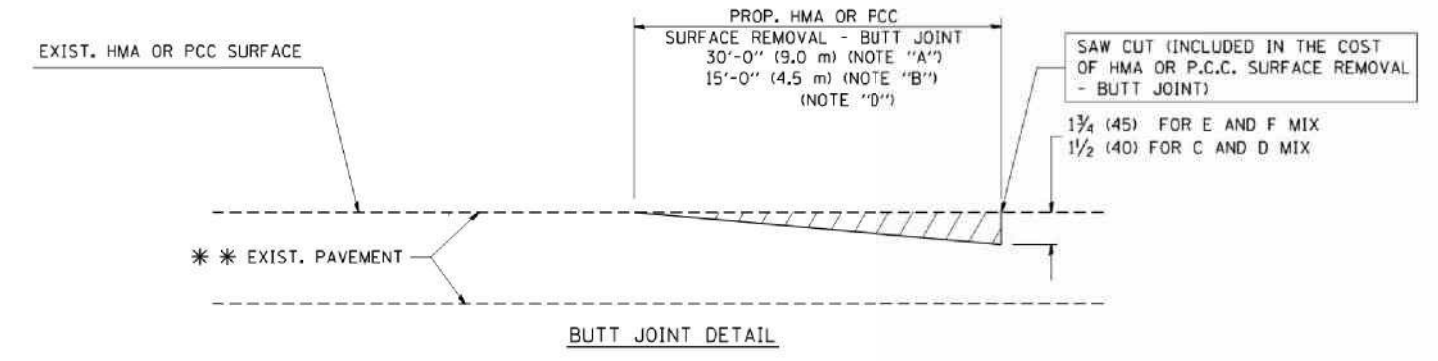
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4003, 4004	17-00092-00-PV	MCHENRY	108	71
BD500-01 (BD-7)		CONTRACT NO. 61H80		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



OPTION 1



OPTION 2
TYPICAL TEMPORARY RAMP



**TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY**

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

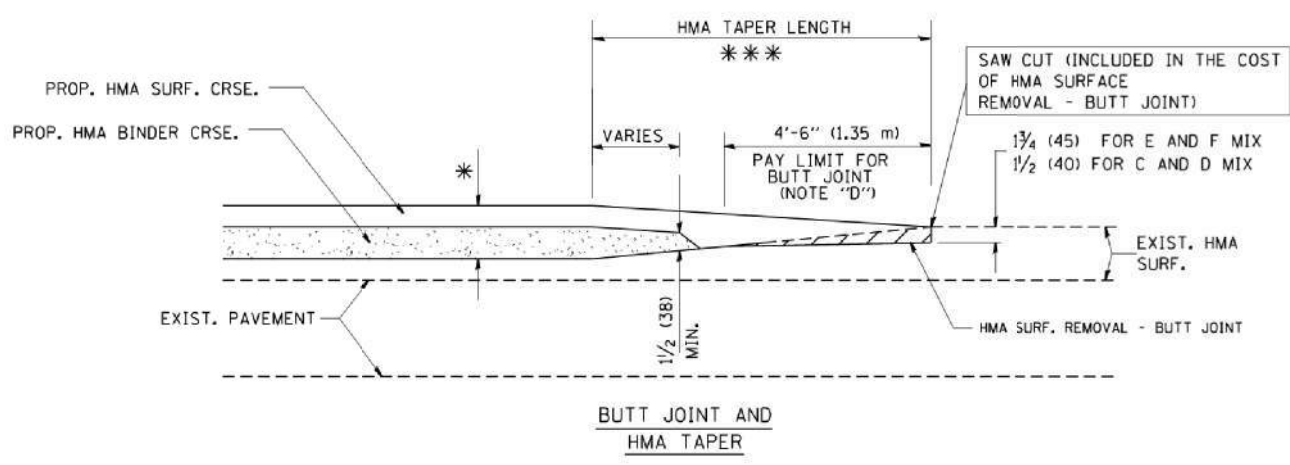
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



**TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING**

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PROJECT CONTACT: * PROJECT CONTACT *
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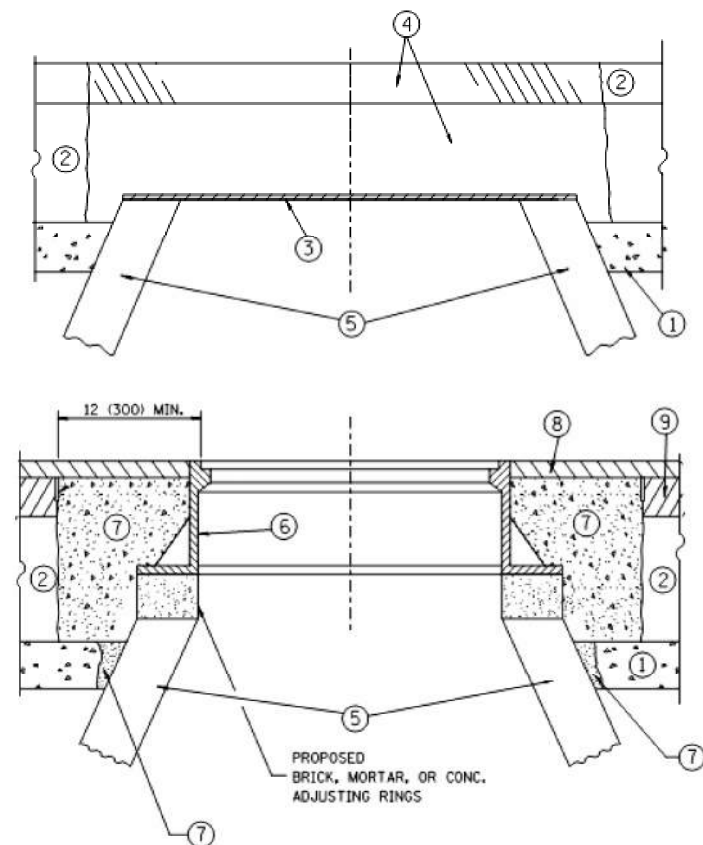
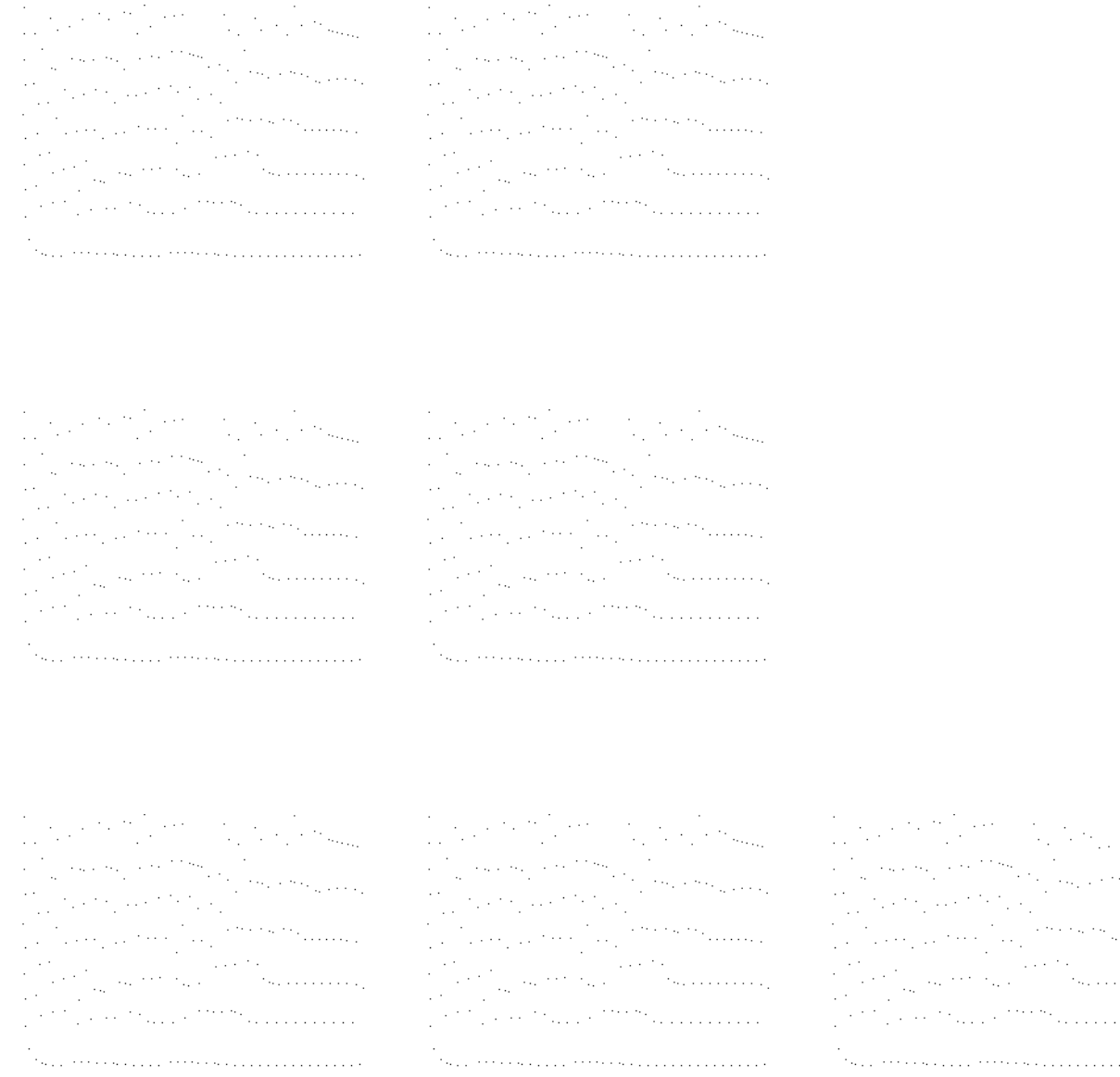
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	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4003 4004	17-00092-00-PV	MCHENRY	108	72
BD400-05 BD32			CONTRACT NO. 61H80	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

CONSTRUCTION PROCEDURES

- STAGE 1 (BEFORE PAVEMENT MILLING)**
- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
 - B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
 - C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
 - D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

- STAGE 2 (AFTER PAVEMENT MILLING)**
- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- * UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

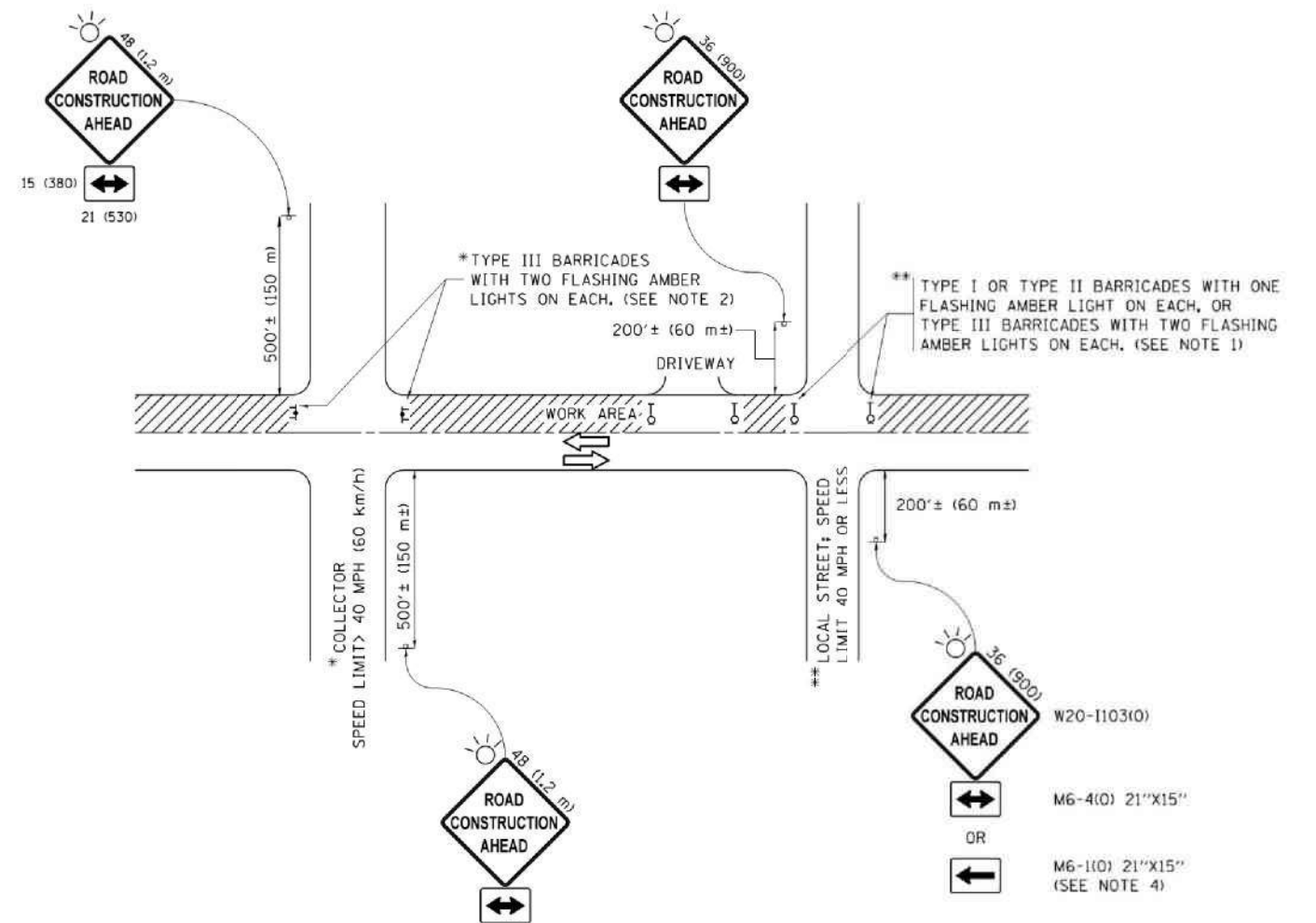
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	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4003, 4004	17-00092-00-PV	MCHENRY	108	72A
BD600-03 (BD-8)			CONTRACT NO.	61H80
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

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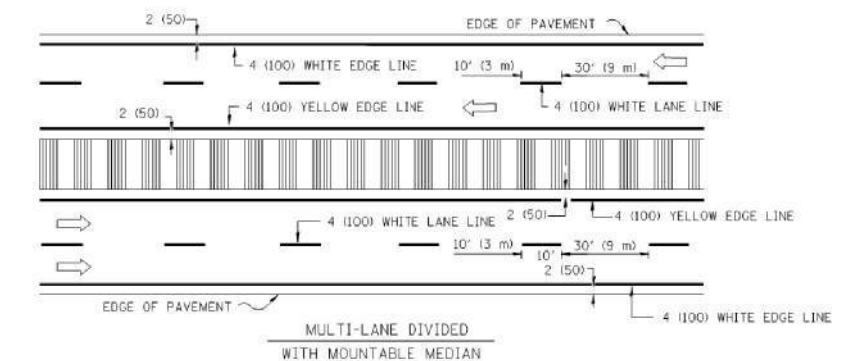
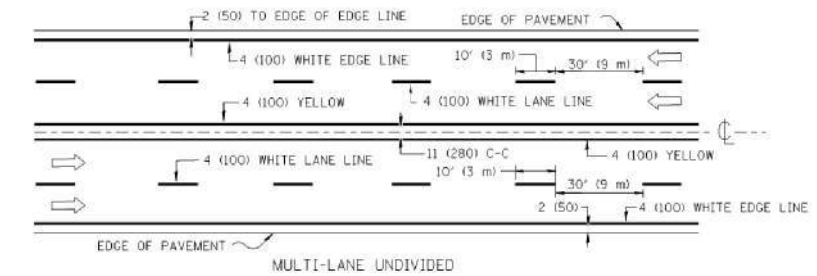
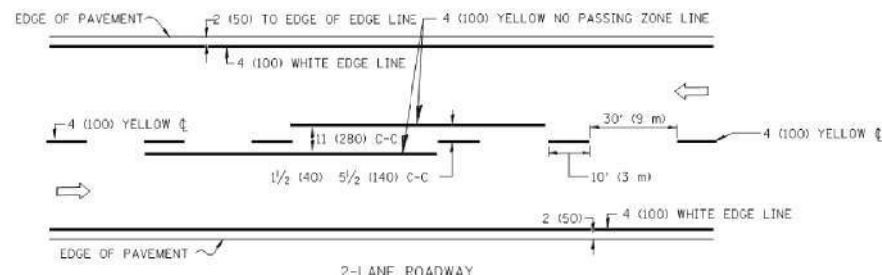
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
 SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

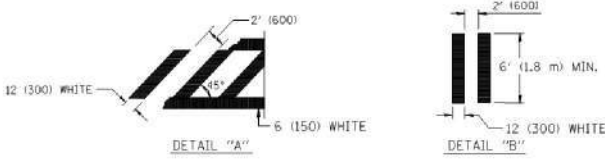
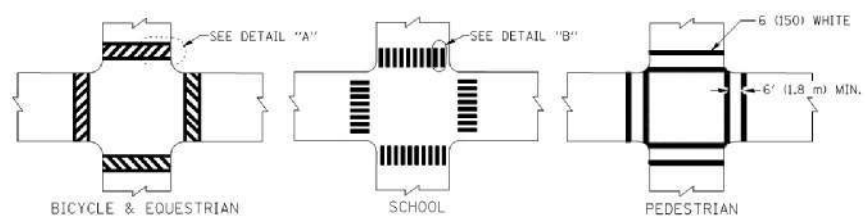
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 61H80	
ILLINOIS FED. AID PROJECT				

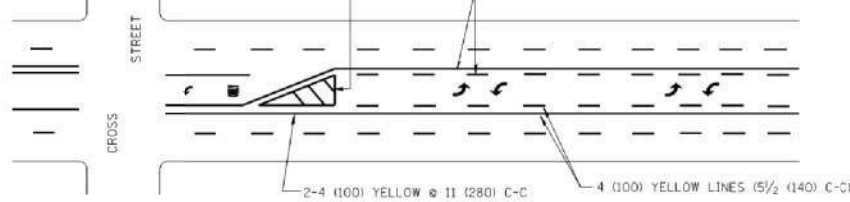
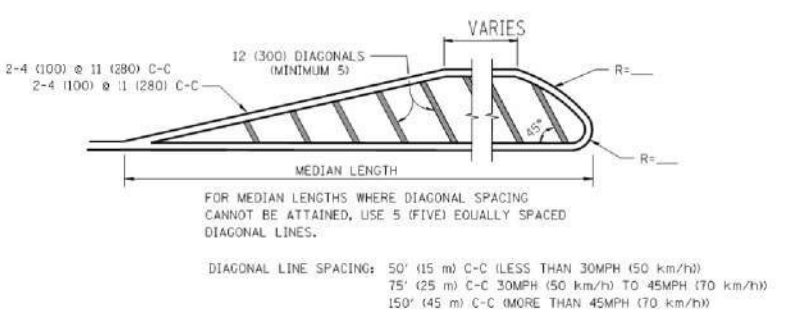
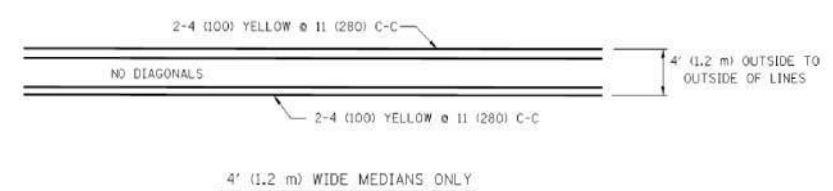


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

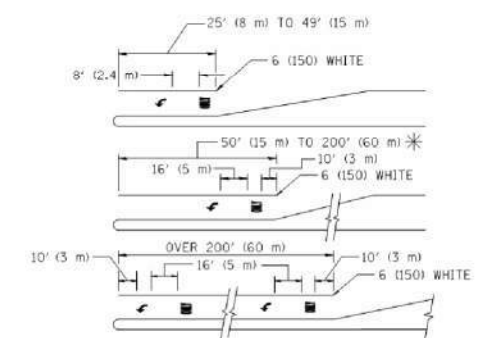
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

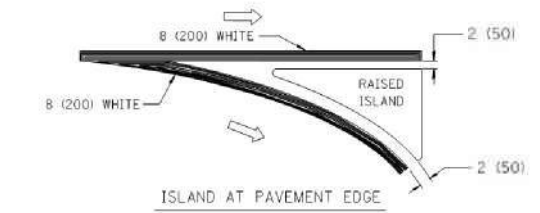
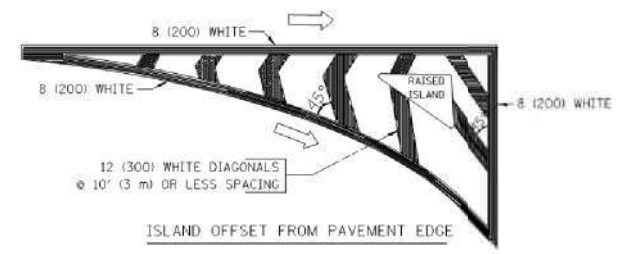


TYPICAL TURN LANE MARKING



FULL SIZE LETTERS 8' (2.4m) AND ARROWS SHALL BE USED.
 * TURN LANES IN EXCESS OF 400' (120m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE. OMIT SKIP-DASH CENTERLINE BETWEEN.
LANE LINES	4 (100)	SKIP-DASH	WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=36 SQ. FT. (3.3 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

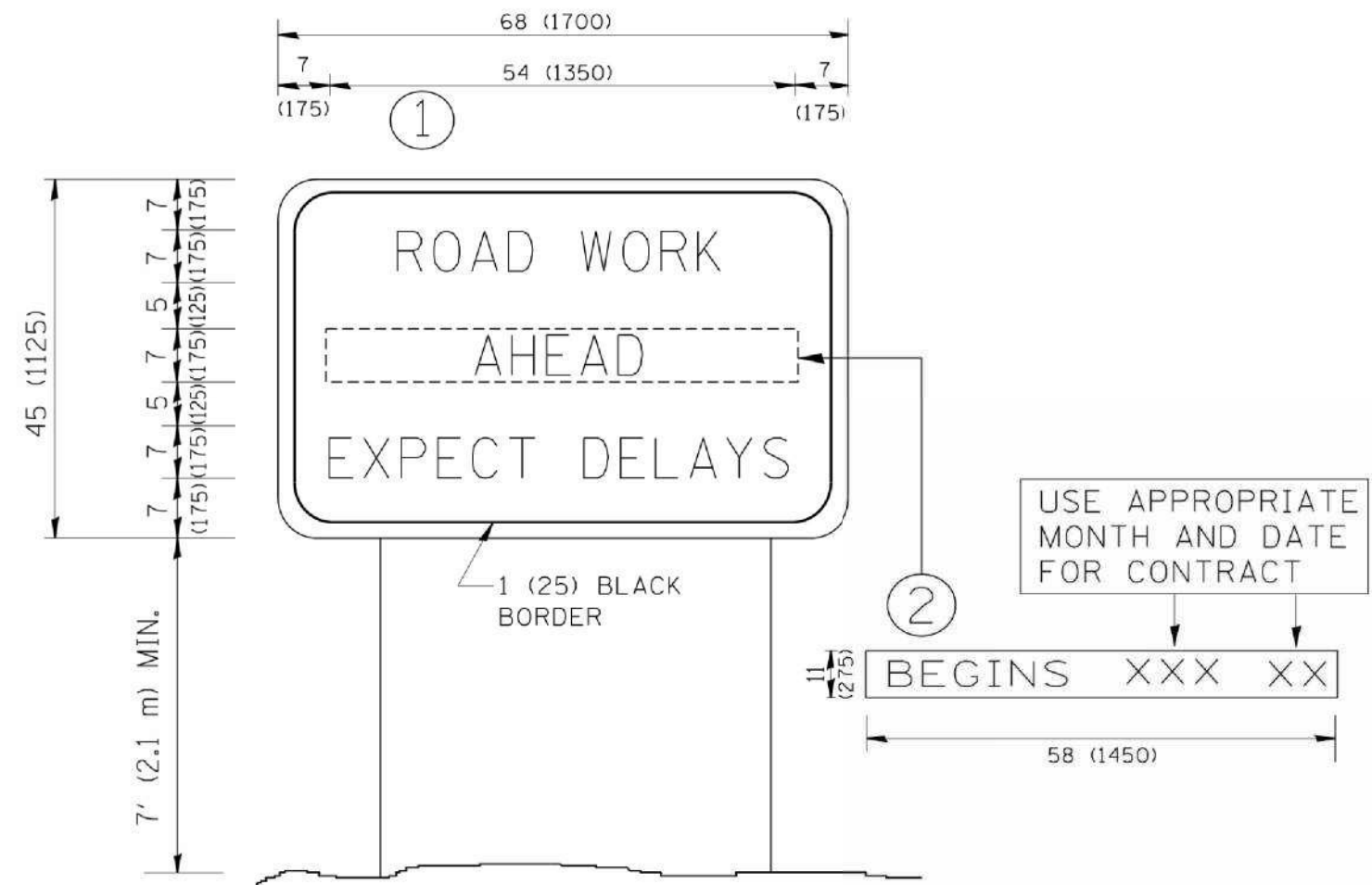
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A.U. RTE. 4003, 4004	SECTION 17-00092-00-PV	COUNTY MCHENRY	TOTAL SHEETS 108	SHEET NO. 74
TYPICAL PAVEMENT MARKINGS		TC-13		CONTRACT NO. 61H80		
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

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NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

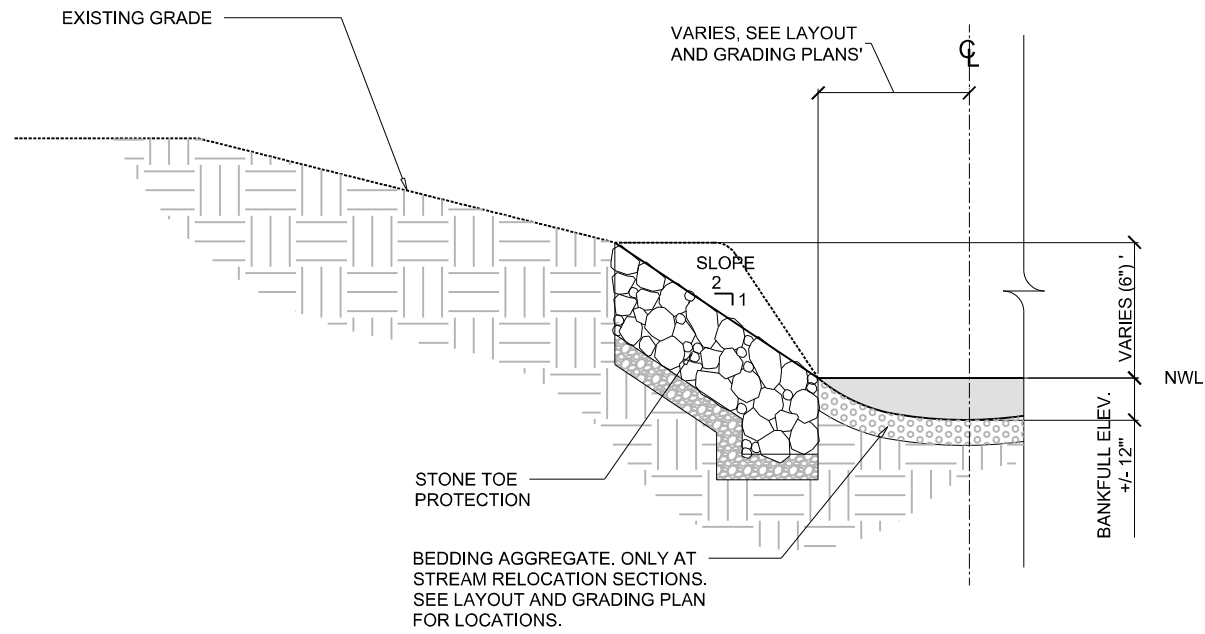
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	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN		4003, 4004
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	• 17-00092-00-PV	MCHENRY	108	75
TC-22		CONTRACT NO. 61H80		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



STONE TOE PROTECTION

BEDDING AGGREGATE. ONLY AT STREAM RELOCATION SECTIONS. SEE LAYOUT AND GRADING PLAN FOR LOCATIONS.

**TYPICAL CHANNEL SECTION WITH STONE TOE PROTECTION
NOT TO SCALE**

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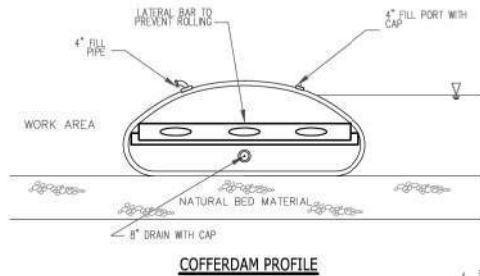


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

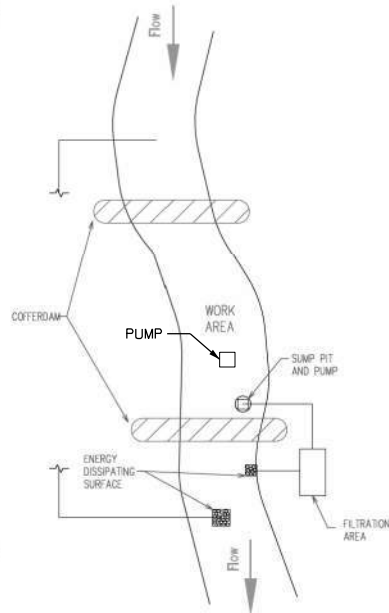
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SOUWANAS TRAIL & SCHUETT STREET			
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• 4003, 4004	17-00092-00-PV	MCHENRY	108	76
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	



COFFERDAM PROFILE

PLAN VIEW



NOTES:

1. ALL DISCHARGES SHOULD BE ON ENERGY DISSIPATING SURFACES.
2. LOCATIONS FOR THE SUMP PIT, FILTRATION AREA, AND ENERGY DISSIPATING SURFACES MAY VARY DEPENDING ON SITE CONDITIONS.

UNITED STATES ARMY CORPS OF ENGINEERS NOTES:

1. EARTHEN COFFERDAMS OR OTHER PRACTICES THAT WOULD RESULT IN A RELEASE OF SEDIMENT INTO WATERS OF THE U.S. ARE NOT AUTHORIZED FOR USE. COFFERDAMS SHALL BE CONSTRUCTED OF NON-ERODIBLE MATERIALS ONLY. ACCEPTABLE PRACTICES INCLUDE, BUT ARE NOT LIMITED TO: PRE-FABRICATED RIGID
2. COFFERDAMS, SHEET PILING, INFLATABLE BLADDERS, SANDBAGS AND FABRIC-LINED BASINS. 1. WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW FLOW CONDITIONS. LOW FLOW CONDITIONS ARE FLOW AT OR BELOW THE NORMAL WATER ELEVATION.
3. WATER SHALL BE ISOLATED FROM THE IN-STREAM WORK AREA USING A COFFERDAM CONSTRUCTED OF NON-ERODIBLE MATERIALS (STEEL SHEETS, AQUABARRIERS, RIP RAP AND GEOTEXTILE FABRIC, ETC.). EARTHEN COFFERDAMS ARE NOT PERMISSIBLE.
4. WORK MAY NOT BE PERFORMED IN THE WATER, EXCEPT FOR THE PLACEMENT OF THE MATERIALS NECESSARY FOR THE CONSTRUCTION OF THE COFFERDAM. THE COFFERDAM MUST BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER THE WATER AT ANY TIME. IF THE INSTALLATION OF THE COFFERDAM CANNOT BE COMPLETED FROM SHORE AND ACCESS IS NEEDED TO REACH THE AREA TO BE COFFERED, OTHER MEASURES, SUCH AS THE CONSTRUCTION OF A CAUSEWAY, WILL BE NECESSARY TO ENSURE THAT EQUIPMENT DOES NOT ENTER THE WATER. ONCE THE COFFERDAM IS IN PLACE AND THE ISOLATED AREA IS DEWATERED, EQUIPMENT MAY ENTER THE COFFERED AREA TO PERFORM THE REQUIRED WORK.
5. IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED ON AN STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT-LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES.
6. DURING DEWATERING OF THE COFFERED AREA, ALL WATER MUST BE FILTERED TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED. DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY.
7. THE PORTION OF THE SIDE SLOPE THAT IS ABOVE THE OBSERVED WATER ELEVATION SHALL BE STABILIZED AS SPECIFIED IN THE PLANS PRIOR TO ACCEPTING FLOWS. THE SUBSTRATE AND TOE OF SLOPE THAT HAS BEEN DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS.

THE DRAINAGE SYSTEM SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION DOWNSLOPE FROM DISTURBED AREAS. INLET PROTECTION THAT REDUCES SEDIMENT LOADING, WHILE ALLOWING RUNOFF TO ENTER THE INLET SHALL BE REQUIRED FOR ALL STORM SEWERS, CHECK DAMS, OR AN EQUIVALENT CONTROL MEASURE. SHALL BE REQUIRED FOR ALL CHANNELS. FILTER FABRIC INLET PROTECTION AND STRAW BALE DITCH CHECKS ARE NOT ACCEPTABLE CONTROL MEASURES.

IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G., SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURES). THE ENGINEER AND THE MCHENRY COUNTY SOIL AND WATER CONSERVATION DISTRICT SHALL BE NOTIFIED PRIOR TO THE COMMENCEMENT OF DEWATERING ACTIVITIES.

ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTURBED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.

STOCKPILED SOIL AND MATERIALS SHALL BE REMOVED FROM FLOOD HAZARD AREAS AT THE END OF EACH WORK DAY. SOIL AND MATERIALS STOCKPILED IN IWMC OR BUFFER AREAS SHALL BE PLACED ON TIMBER MATS, OR AN EQUIVALENT CONTROL MEASURE.

EFFECTIVE CONTROL MEASURES SHALL BE UTILIZED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM THE DEVELOPMENT SITE. AT A MINIMUM, CONTROL MEASURES SHALL BE IMPLEMENTED IN ORDER TO:

MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATER.

MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, VEHICLE FLUIDS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON THE DEVELOPMENT SITE TO PRECIPITATION AND TO STORMWATER.

ADEQUATE RECEPTACLES SHALL BE PROVIDED FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL OR IWMC. THE DEVELOPMENT SITE SHALL BE MAINTAINED FREE OF CONSTRUCTION MATERIAL DEBRIS.

A STABILIZED MAT OF AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURES) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION-SITE OF A MAJOR DEVELOPMENT TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET ALLEY, OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT OF WAY, STREET, ALLEY OR PARKING AREA SHALL BE SCRAPPED OR STREET CLEANED AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.

ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.

DRAIN TILE SYSTEMS DISTURBED DURING DEVELOPMENT MUST BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE UNLESS THE APPROVED ENGINEERING PLANS INDICATE HOW THE DRAIN TILE SYSTEM IS TO BE CONNECTED TO THE PROPOSED STORMWATER MANAGEMENT SYSTEM.

ALL ABANDONED DRAIN TILES SHALL BE REVIEWED WITH THE ENGINEER.

DRAIN TILES WITHIN THE DISTURBED AREA OF THE DEVELOPMENT SHALL BE REPLACED, BYPASSED AROUND THE DEVELOPMENT OR INTERCEPTED AND CONNECTED TO THE DRAINAGE SYSTEM FOR THE DEVELOPMENT. THE SIZE OF THE REPLACED OR BYPASSED DRAIN TILE SHALL BE EQUIVALENT TO THE EXISTING DRAIN TILE.

MCHENRY COUNTY STORMWATER PERMIT REQUIREMENTS

SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.

SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, DEVELOPMENT SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.

STABILIZATION BY SEEDING SHALL INCLUDE TOPSOIL PLACEMENT AND FERTILIZATION, AS NECESSARY.

NATIVE SEED MIXTURES SHALL INCLUDE RAPID-GROWING ANNUAL GRASSES OR SMALL GRAINS TO PROVIDE INITIAL, TEMPORARY SOIL STABILIZATION.

OFFSITE PROPERTY SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT CONCENTRATED DISCHARGE LOCATIONS ALONG THE LENGTH OF ANY OUTFALL CHANNEL, AS NECESSARY TO PREVENT EROSION.

SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE DISTURBANCE OF TRIBUTARY AREAS.

STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING OR OTHER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE DEVELOPMENT SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN 1 WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE, BUT NO LATER THAN 14 CALENDAR DAYS FROM THE INITIATION OF STABILIZATION WORK IN THE AREA. EXCEPTIONS TO THESE TIME FRAMES ARE SPECIFIED AS INSTANCES WHEN THE INITIATION OF STABILIZATION MEASURES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE AND IN AREAS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED AND WILL RESUME AFTER 14 DAYS, A TEMPORARY STABILIZATION METHOD MAY BE USED.

DISTURBANCE OF STEEP SLOPES SHALL BE MINIMIZED. AREAS OR EMBANKMENTS HAVING SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH STAKING IN PLACE SOD, EROSION CONTROL BLANKET IN COMBINATION WITH SEEDING, OR EQUIVALENT CONTROL MEASURE.

PERIMETER CONTROL MEASURES SHALL BE PROVIDED DOWNSLOPE AND PERPENDICULAR TO THE FLOW OF RUNOFF FROM DISTURBED AREAS, WHERE THE TRIBUTARY AREA IS GREATER THAN 5,000 SQUARE FEET, AND WHERE RUNOFF WILL FLOW IN A SHEET FLOW MANNER. PERIMETER EROSION CONTROL SHALL ALSO BE PROVIDED AT THE BASE OF SOIL STOCKPILES.

HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
 FILE NAME: 17425-SW-def-00.dgn
 PLOT DATE: 4/26/2022
 PEN TABLE: PLOTLABEL.tbl



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PLOT DATE = 4/26/2022	DATE -	REVISED -

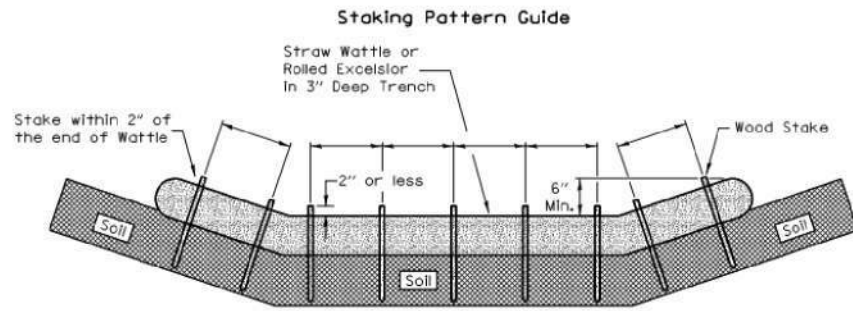
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS
SOUWANAS TRAIL & SCHUETT STREET**

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

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	77
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO.	61H80

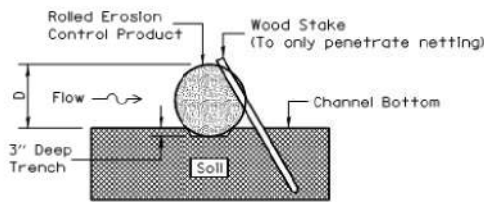
TEMPORARY DITCH CHECK



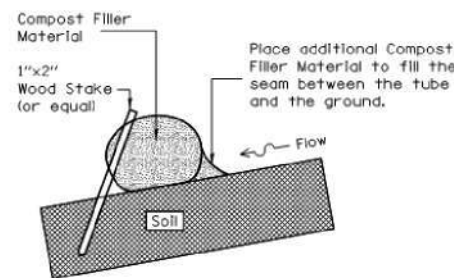
Notes:

1. Overlap minimum is the diameter of the roll.
2. 4' spacing for wattles.
3. 2' spacing for rolled excelsior.
4. Or space according to manufacturer's specifications.

Stake Detail



Compost Filter Sock Detail



When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

Notes:

1. Drawings are not to scale.
2. Ends of wattles or rolled excelsior shall be turned at least 6" upslope.
3. Recommended stakes are 1 1/8" wide x 1 1/8" thick x 30" long.
4. Stakes shall not extend above the straw wattle more than 2".
5. Spacing: The toe of the upstream ditch check shall create a horizontal line with the top of the downstream ditch check.
6. When compost filter sock ditch check is used, place a compost berm upstream of the filter sock (see IUM 805). A trench is not required.

REFERENCE	Project _____
	Designed _____ Date _____
	Checked _____ Date _____
	Approved _____ Date _____

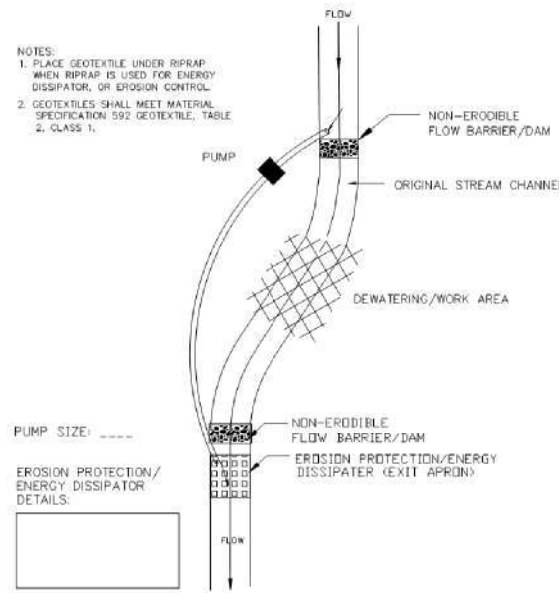


STANDARD DWG. NO.	IUM-514
SHEET	1 OF 1
DATE	8-19-11

TEMPORARY STREAM DIVERSION - BYPASS PUMP

NOTES:

1. PLACE GEOTEXTILE UNDER RIPRAP WHEN RIPRAP IS USED FOR ENERGY DISSIPATOR, OR EROSION CONTROL.
2. GEOTEXTILES SHALL MEET MATERIAL SPECIFICATION 592 GEOTEXTILE, TABLE 2, CLASS 1.

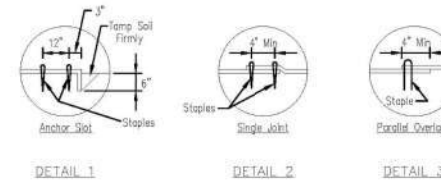
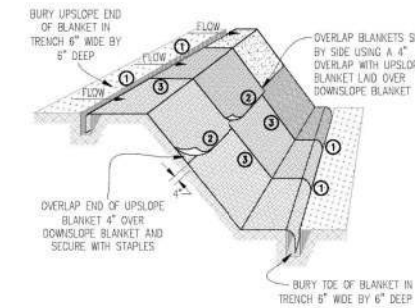


TYPICAL PUMPED DIVERSION PLAN

REFERENCE	Project _____
	Designed _____ Date _____
	Checked _____ Date _____
	Approved _____ Date _____



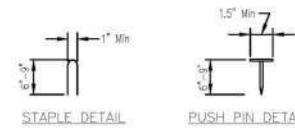
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SHEET	1 OF 1
DATE	7-29-2011



DETAIL 1

DETAIL 2

DETAIL 3



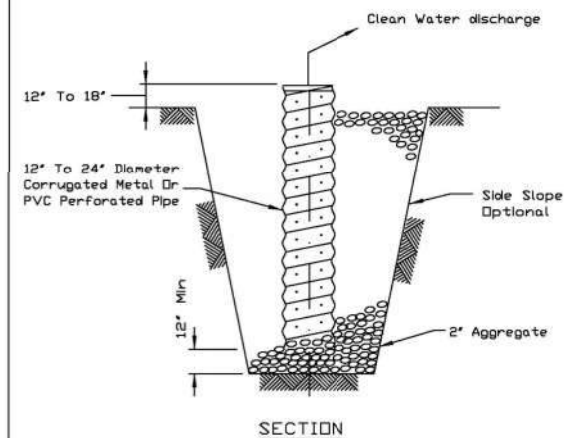
NOTES:

1. Staples shall be placed in a diamond pattern at 2 per s.y. for staked blankets. Non-staked shall use 4 staples per s.y. of material. This equates to 200 staples with staked blanket and 400 staples with non-staked blanket per 100 s.y. of material.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

EROSION CONTROL BLANKET INSTALLATION DETAILS

DESIGNED	DATE
CHECKED	DATE
APPROVED	DATE

SUMP PIT PLAN



SECTION

NOTES:

1. Pit dimensions are optional.
2. The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
3. A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2" aggregate.
4. The standpipe will extend 12' to 18" above the lip of the pit.
5. If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
6. If desired, 1/4"-1/2" hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

REFERENCE	Project _____
	Designed _____ Date _____
	Checked _____ Date _____
	Approved _____ Date _____



STANDARD DWG. NO.	IL-650
SHEET	1 OF 1
DATE	8-11-94

HRG PROJECT NO.: 17425
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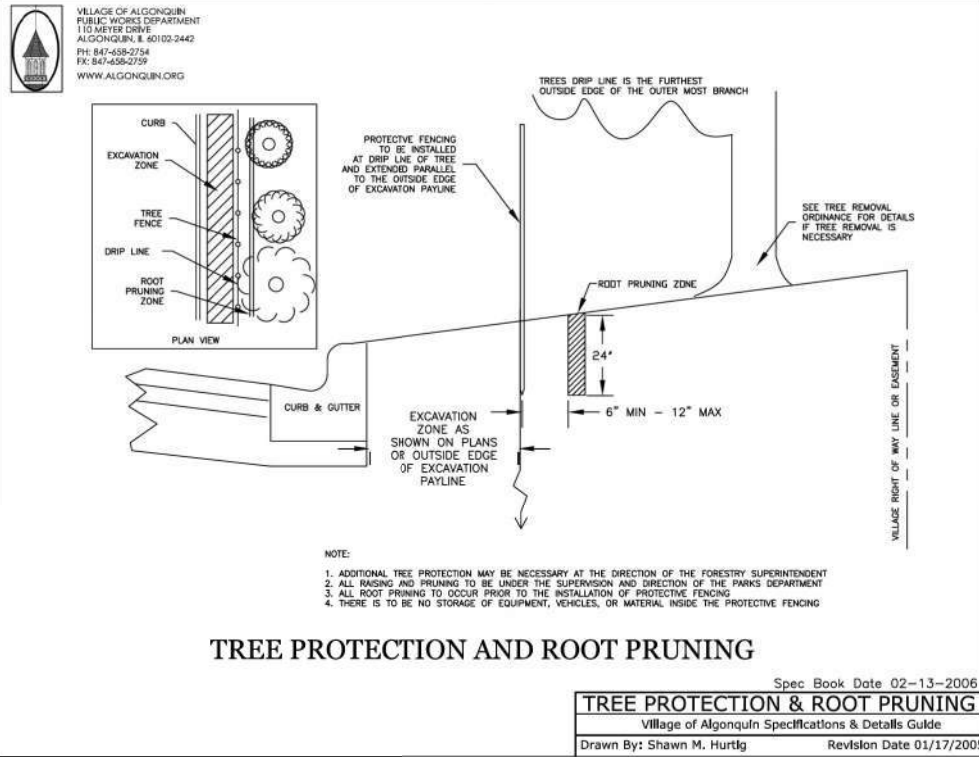
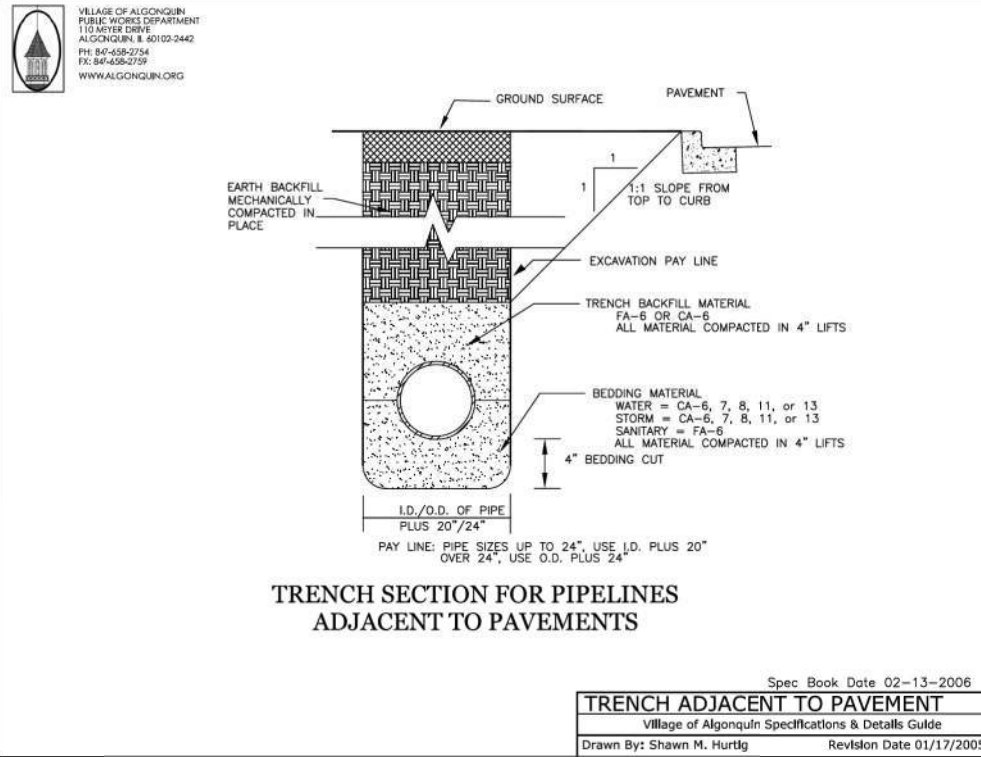
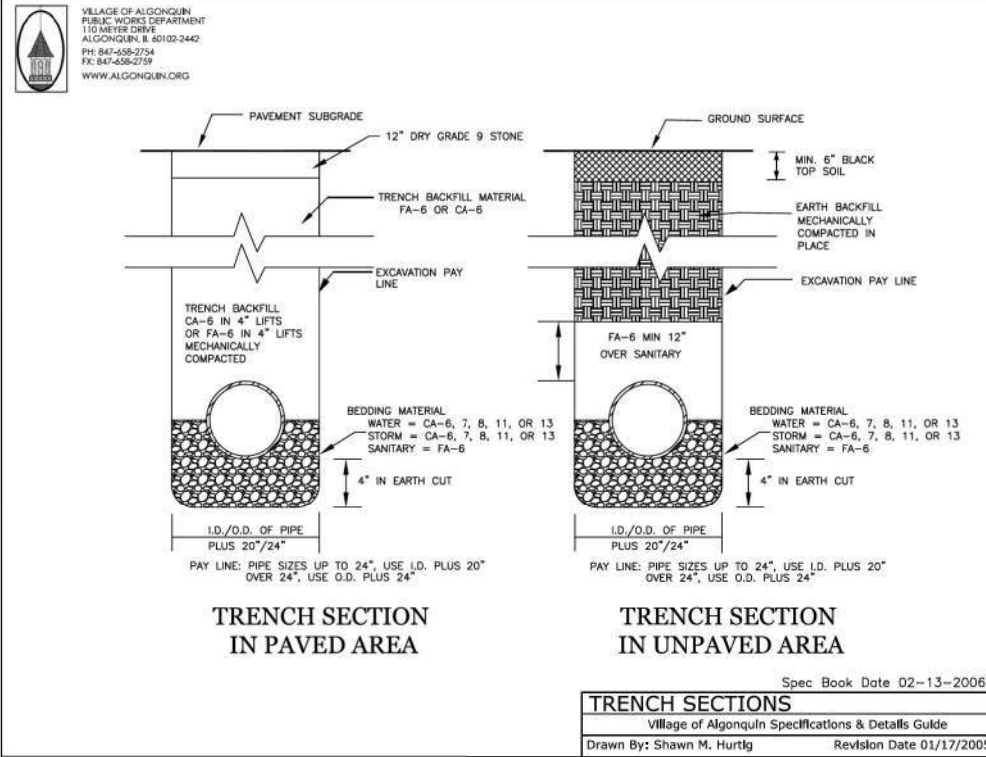
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PLOT DATE = 4/26/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS
 SOUWANAS TRAIL & SCHUETT STREET

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

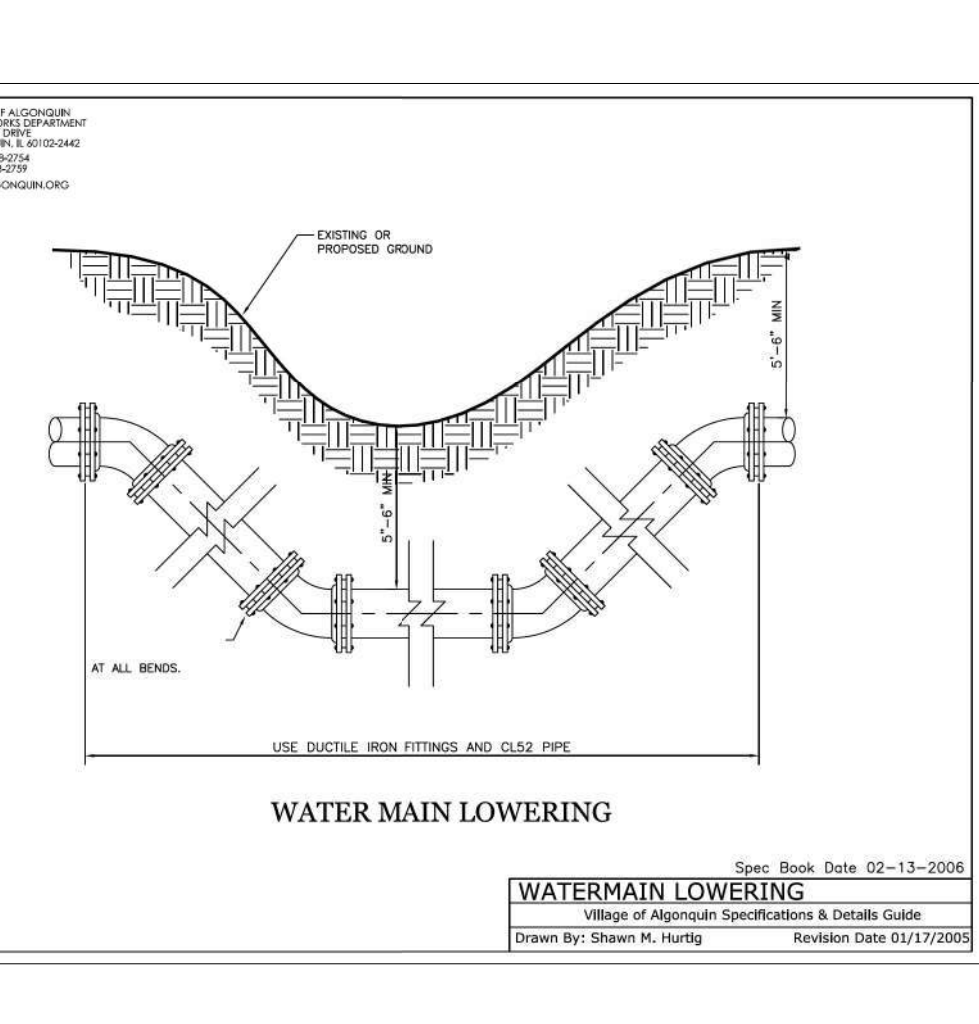
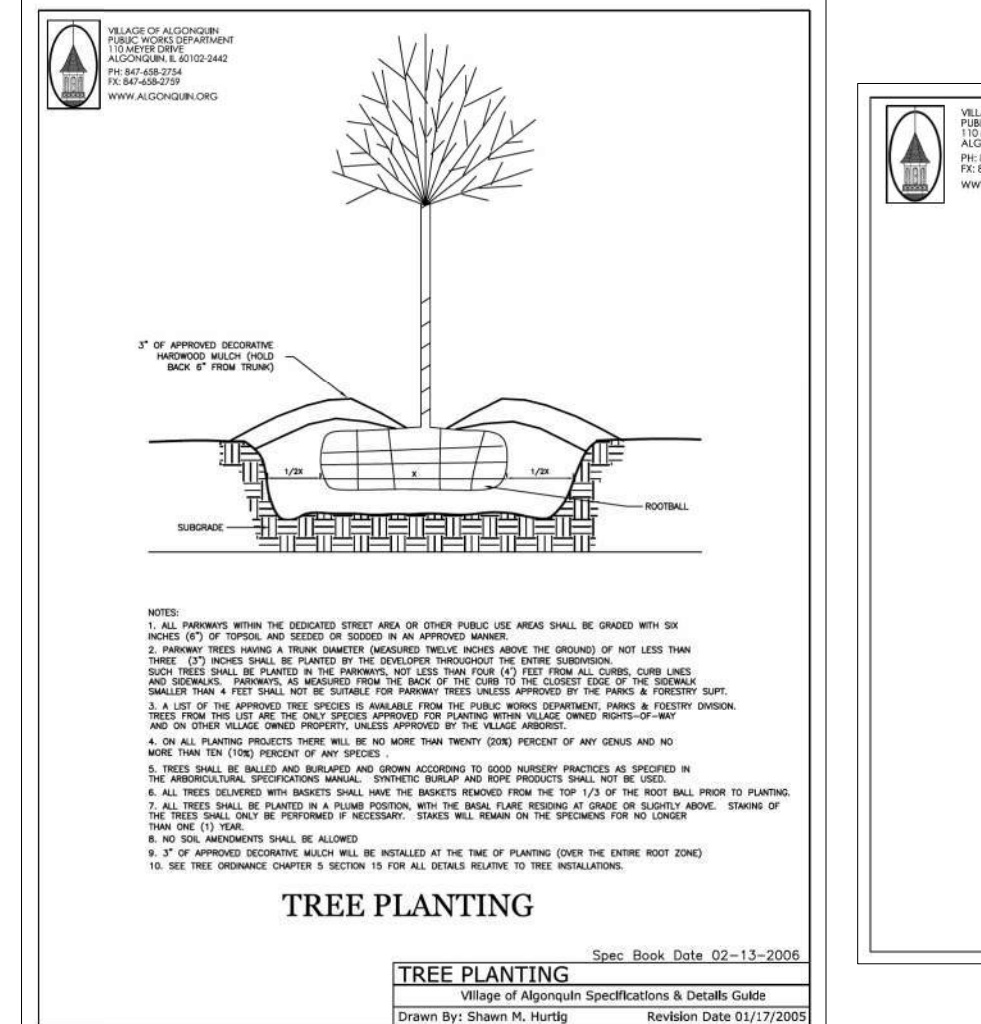
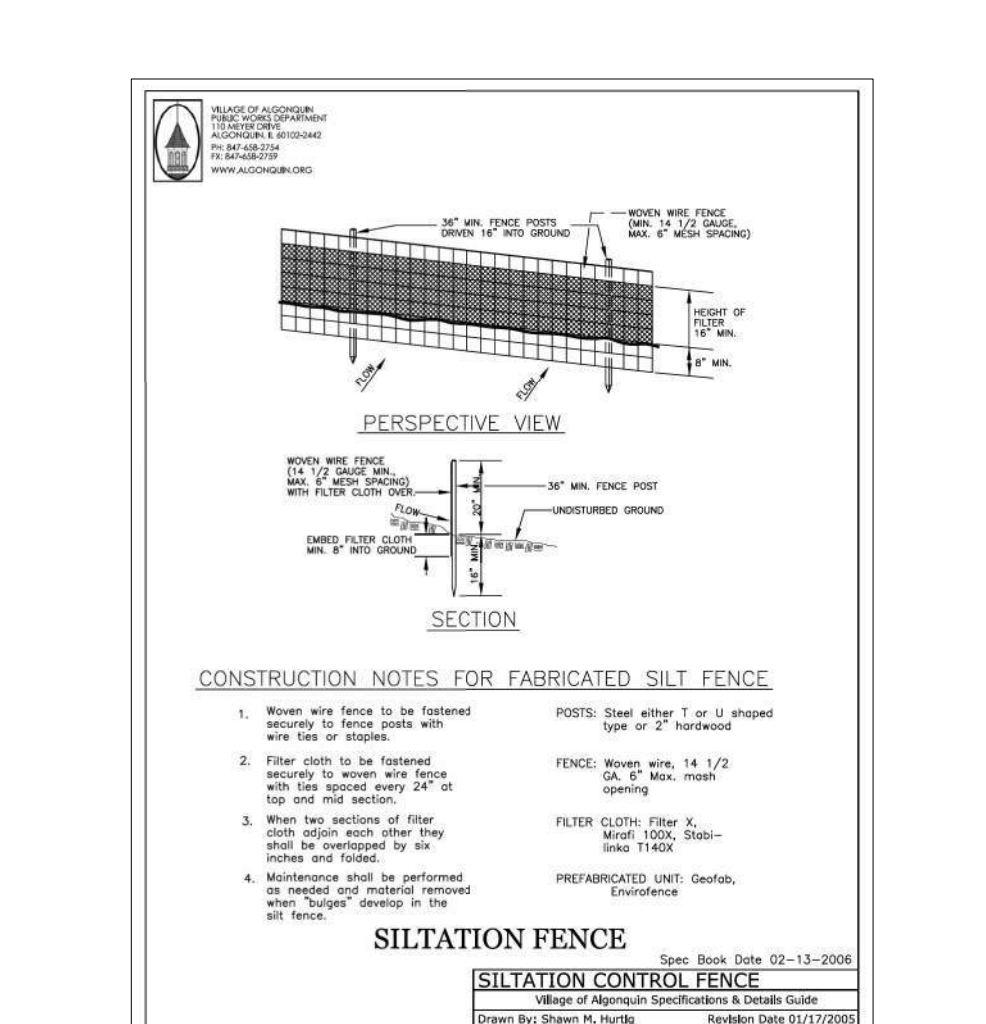
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• 4003, 4004	17-00092-00-PV	MCHENRY	108	78
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80		



Spec Book Date 02-13-2006
TRENCH SECTIONS
 Village of Algonquin Specifications & Details Guide
 Drawn By: Shawn M. Hurtig Revision Date 01/17/2005

Spec Book Date 02-13-2006
TRENCH ADJACENT TO PAVEMENT
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Spec Book Date 02-13-2006
TREE PROTECTION & ROOT PRUNING
 Village of Algonquin Specifications & Details Guide
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Spec Book Date 02-13-2006
SILTATION FENCE
 Village of Algonquin Specifications & Details Guide
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Spec Book Date 02-13-2006
TREE PLANTING
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Spec Book Date 02-13-2006
WATERMAIN LOWERING
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HRG PROJECT NO.: 17425
 HRG PROJ. CONTACT:
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 PEN TABLE: 02-25-SIT-067-01.tbl
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	DATE -	REVISED -

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 DEPARTMENT OF TRANSPORTATION**

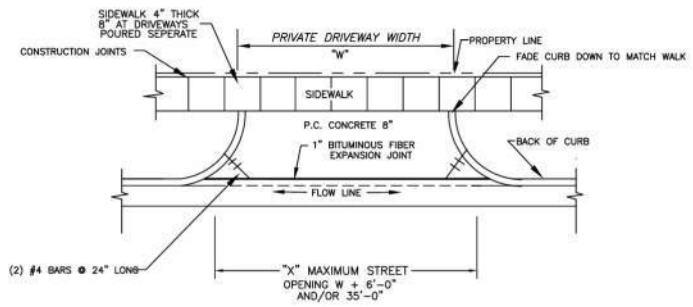
**VILLAGE OF ALGONQUIN DETAILS
 SOUWANAS TRAIL & SCHUETT STREET**

SCALE: NTS SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.U. R.E.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	79
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	61H80	



VILLAGE OF ALGONQUIN
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110 METER DRIVE
ALGONQUIN, IL 60102-2442
PH: 847-458-2754
FX: 847-458-2759
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CONSTRUCTION JOINTS SHALL BE PLACED IN A UNIFORM MANNER THAT ALLOWS NO SINGLE SLAB BE MORE THAN 10 FEET BY 10 FOOT DIMENSIONALLY WHERE PROPOSED ENTRANCE IS FRONTED BY BARRIER CURB OR THERE IS A DESIRE TO CHANGE ANY PORTION OF THE EXISTING CURB AND GUTTER CROSS SECTION, SAID CURB AND GUTTER SHALL BE REMOVED FOR THE MAXIMUM STREET OPENING (SEE DIMENSION "X") IN ITS ENTIRETY. EXISTING CURB AND GUTTER SHALL BE SAW CUT AT EACH END PRIOR TO REMOVAL. REPLACEMENT SHALL BE DEPRESSED CURB AND GUTTER OF SAME CROSS SECTIONAL WIDTH AS THE EXISTING CURB AND GUTTER. TRANSITION FROM FULL TO DEPRESSED CURB SHALL BE ACCOMPLISHED IN A MINIMUM OF 1 LINEAL FOOT. A MINIMUM OF 4" OF DRY GRADE 9 OR EQUAL MUST BE PLACED AND COMPACTED PRIOR TO ANY CONCRETE POURING. THIS BASE MUST ALSO BE APPROVED BY THE FIELD ENGINEER OR INSPECTOR OF THE VILLAGE. ANY DEVIATION FROM THE ABOVE DETAILED OR SPECIFIED SHALL BE ONLY WITH WRITTEN APPROVAL OF THE PUBLIC WORKS DIRECTOR. APRON IS TO BE POURED SEPARATELY FROM SIDEWALK & CURB.

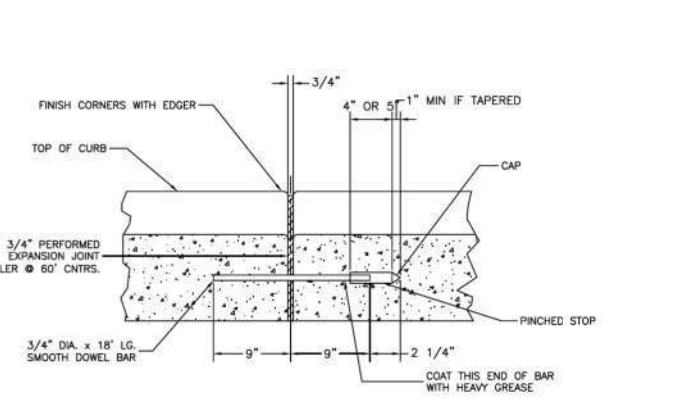
COMMERCIAL/INDUSTRIAL ENTRANCE

Spec Book Date 02-13-2006

COMMERCIAL / INDUSTRIAL APRON
Village of Algonquin Specifications & Details Guide
Drawn By: Shawn M. Hurltg Revision Date 02/13/2006



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ALL EXPANSION JOINTS SHALL BE PROVIDED WITH A 3/4" DIA. x 18" LONG COATED SMOOTH DOWEL BAR CONFORMING TO ARTICLE 710.14b OF THE STANDARD SPECIFICATIONS. THE DOWEL BAR SHALL BE FITTED WITH A CAP HAVING A PINCHED STOP THAT WILL PROVIDE 1" OF EXPANSION JOINTS SHALL BE CONSTRUCTED AT 60 FT. INTERVALS AT ALL POINTS OF TANGENCY AND AT THE END OF EACH DAY'S POUR. SAWED JOINTS SHALL BE PROVIDED AT 10 FT. INTERVALS.

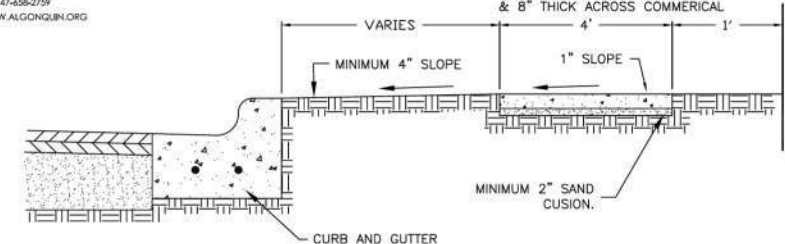
P.C.C. CURB & GUTTER EXPANSION JOINT

Spec Book Date 02-13-2006

CURB EXPANSION JOINT
Village of Algonquin Specifications & Details Guide
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- NOTES:
1. THE CONCRETE SIDEWALK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 424 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 2. THE CONCRETE SHALL CONFORM TO ARTICLE 1020 AND SHALL BE A HAVE A 5-INCH SLUMP AND SHALL DEVELOPE A MINIMUM OF 3,500 PSI COMPRESSIVE STRENGTH A 14 DAYS.
 3. THE SIDEWALK PORTION OF THE DRIVEWAY SHALL MATCH THE DEPTH OF THE DRIVEWAY AND BE POURED SEPARATELY.
 4. NO CHLORIDE ADDITIVE WILL BE PERMITTED IN THE CONCRETE.
 5. ALL SIDEWALKS MUST CONFORM TO THE AMERICANS WITH DISABILITIES ACT. THE MAXIMUM ALLOWABLE SLOPE IS 1:20.
 6. TOOLED CONTROL JOINTS SHALL BE INSTALLED ON 5' CENTERS.
 7. FIBER EXPANSION JOINTS SHALL BE INSTALLED AT 50' CENTERS MAX AND WHERE THE SIDEWALK ABUTTS CURB OR EXISTING SIDEWALK, AND AT THE END OF EACH POUR.
 8. THE SIDEWALK SHALL HAVE A BROOM FINISH.
 9. A PROTECTIVE SURFACE TREATMENT CONSISTENT TO IDOT ARTICLE 420.21 SHALL BE APPLIED.

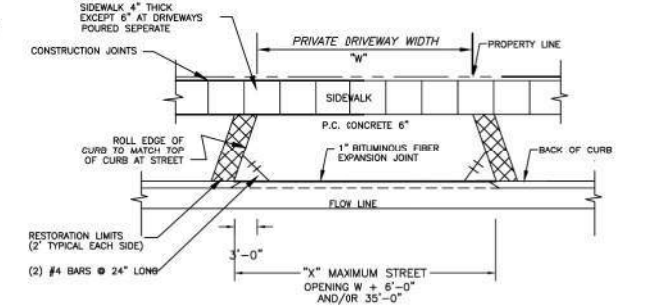
SIDEWALKS

Spec Book Date 02-13-2006

SIDEWALK
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CONSTRUCTION JOINTS SHALL BE PLACED IN A UNIFORM MANNER THAT ALLOWS NO SINGLE SLAB BE MORE THAN 10 FEET BY 10 FOOT DIMENSIONALLY WHERE PROPOSED ENTRANCE IS FRONTED BY BARRIER CURB OR THERE IS A DESIRE TO CHANGE ANY PORTION OF THE EXISTING CURB AND GUTTER CROSS SECTION, SAID CURB AND GUTTER SHALL BE REMOVED FOR THE MAXIMUM STREET OPENING (SEE DIMENSION "X") IN ITS ENTIRETY. EXISTING CURB AND GUTTER SHALL BE SAW CUT AT EACH END PRIOR TO REMOVAL. REPLACEMENT SHALL BE DEPRESSED CURB AND GUTTER OF SAME CROSS SECTIONAL WIDTH AS THE EXISTING CURB AND GUTTER. TRANSITION FROM FULL TO DEPRESSED CURB SHALL BE ACCOMPLISHED IN A MINIMUM OF 1 LINEAL FOOT. A MINIMUM OF 4" OF DRY GRADE 9 OR EQUAL MUST BE PLACED AND COMPACTED PRIOR TO ANY CONCRETE POURING. THIS BASE MUST ALSO BE APPROVED BY THE FIELD ENGINEER OR INSPECTOR OF THE VILLAGE. ANY DEVIATION FROM THE ABOVE DETAILED OR SPECIFIED SHALL BE ONLY WITH WRITTEN APPROVAL OF THE PUBLIC WORKS DIRECTOR. APRON IS TO BE POURED SEPARATELY FROM SIDEWALK & CURB.

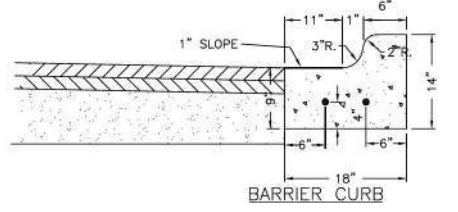
RESIDENTIAL ENTRANCE

Spec Book Date 02-13-2006

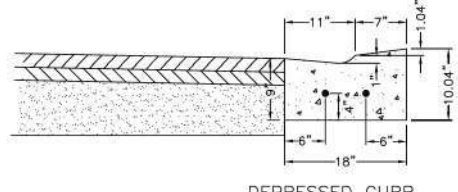
RESIDENTIAL APRON
Village of Algonquin Specifications & Details Guide
Drawn By: Shawn M. Hurltg Revision Date 02/13/2006



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NOTE: INSTALL 2-10' #5 REINFORCING BARS, CENTERED ON ALL TRENCH CROSSINGS. EXPANSION JOINTS SHALL BE CONSTRUCTED ACCORDING TO CURB EXPANSION DETAIL, AT EVERY 60' AND AT POINTS OF TANGENCY TO RADI. SAW CUT TO A DEPTH OF 1/2 THICKNESS OF CURB EVERY 10 FEET MAX. BEDDING: ALL CURB SHALL HAVE A MINIMUM OF 4" OF COMPACTED GRADE 9.



NOTE: INSTALL 2-10' #5 REINFORCING BARS, CENTERED ON ALL TRENCH CROSSINGS. EXPANSION JOINTS SHALL BE CONSTRUCTED ACCORDING TO CURB EXPANSION DETAIL, AT EVERY 60' AND AT POINTS OF TANGENCY TO RADI. SAW CUT TO A DEPTH OF 1/2 THICKNESS OF CURB EVERY 10 FEET MAX.

PROOF ROLLS TO BE PERFORMED AND REPAIRS TO BE MADE PRIOR TO ANY FORMING OR STONE WORK. VISUAL INSPECTION OF STRING LINE OR FORMS SHALL BE CONDUCTED PRIOR TO THE INSTALLATION OF ANY CONCRETE.

COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12

Spec Book Date 02-13-2006

B6:12 CURB & GUTTER
Village of Algonquin Specifications & Details Guide
Drawn By: Shawn M. Hurltg Revision Date 01/17/2005

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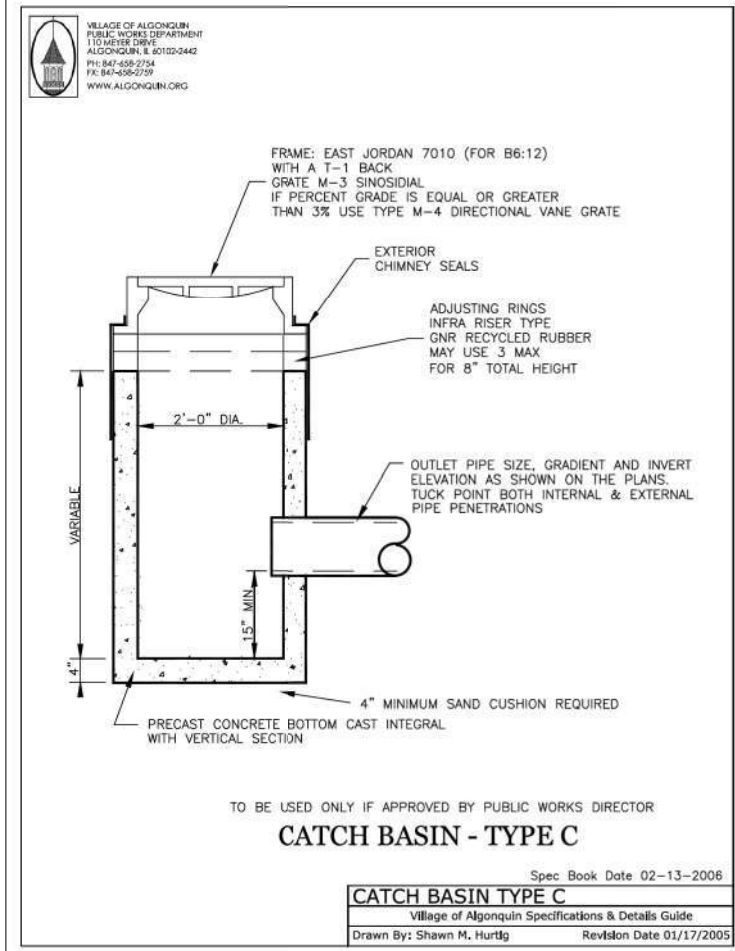
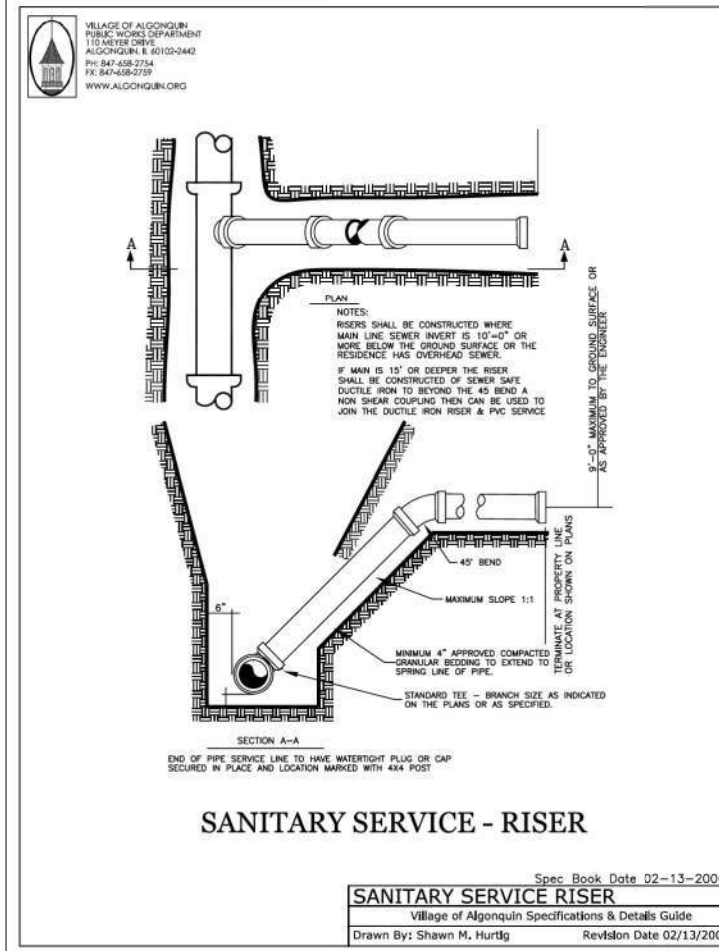
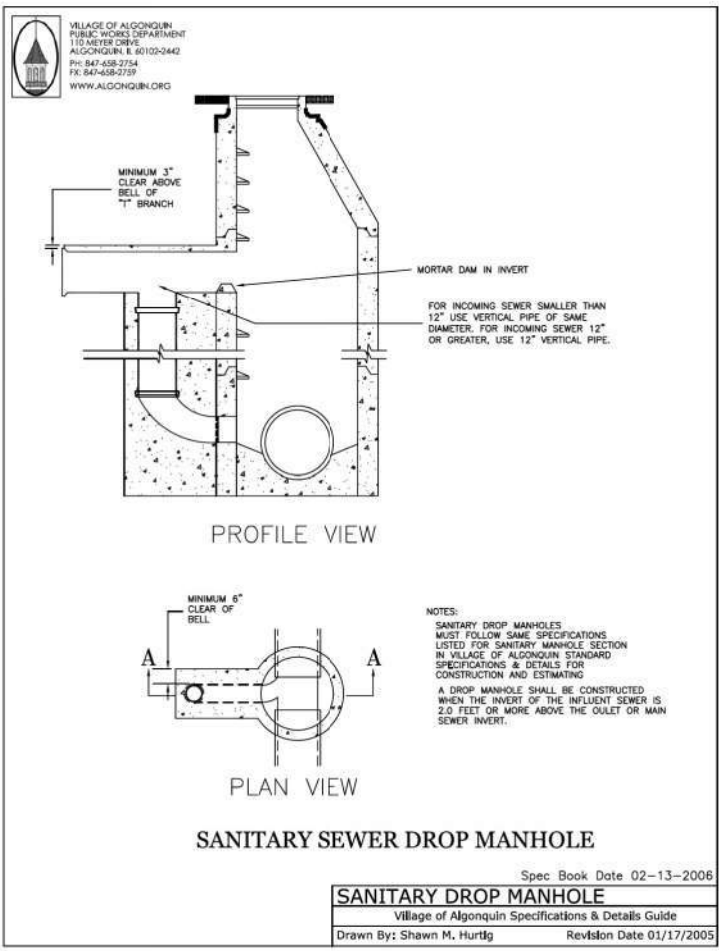
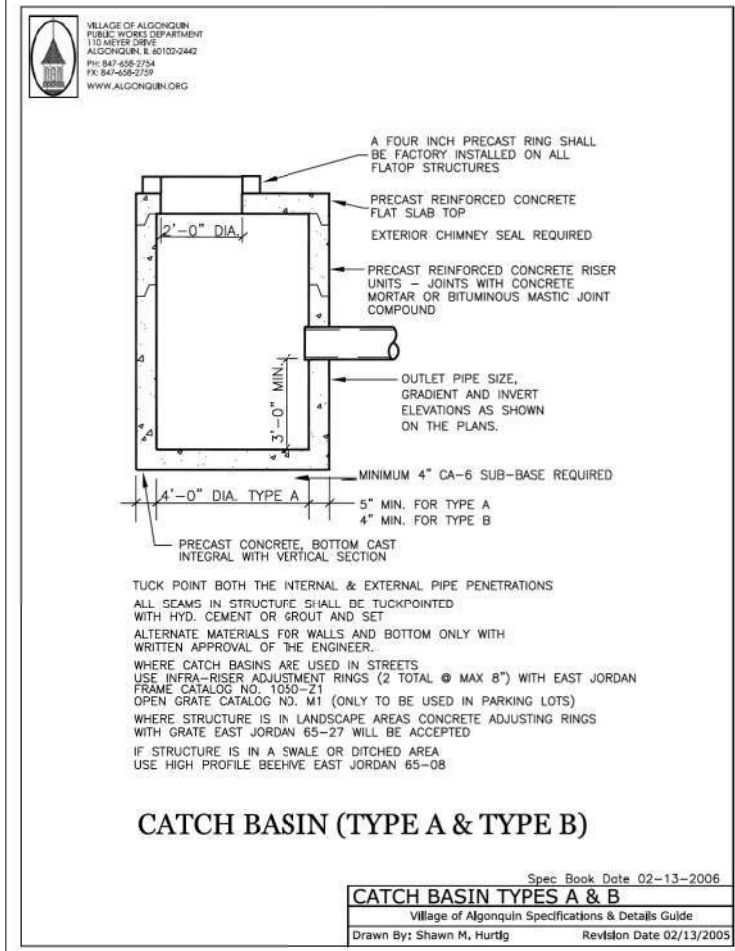
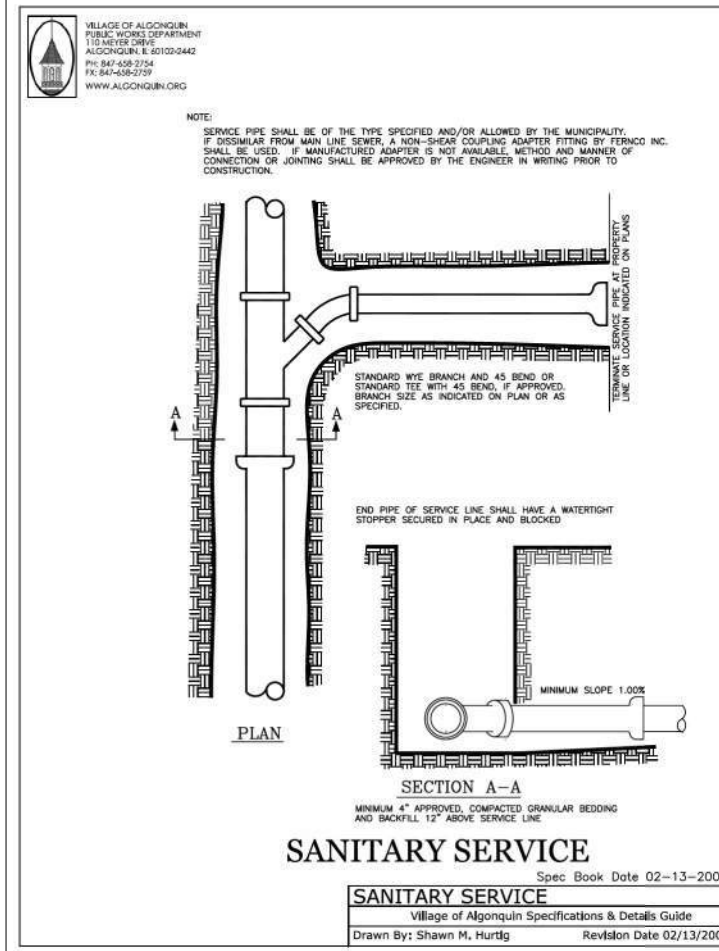
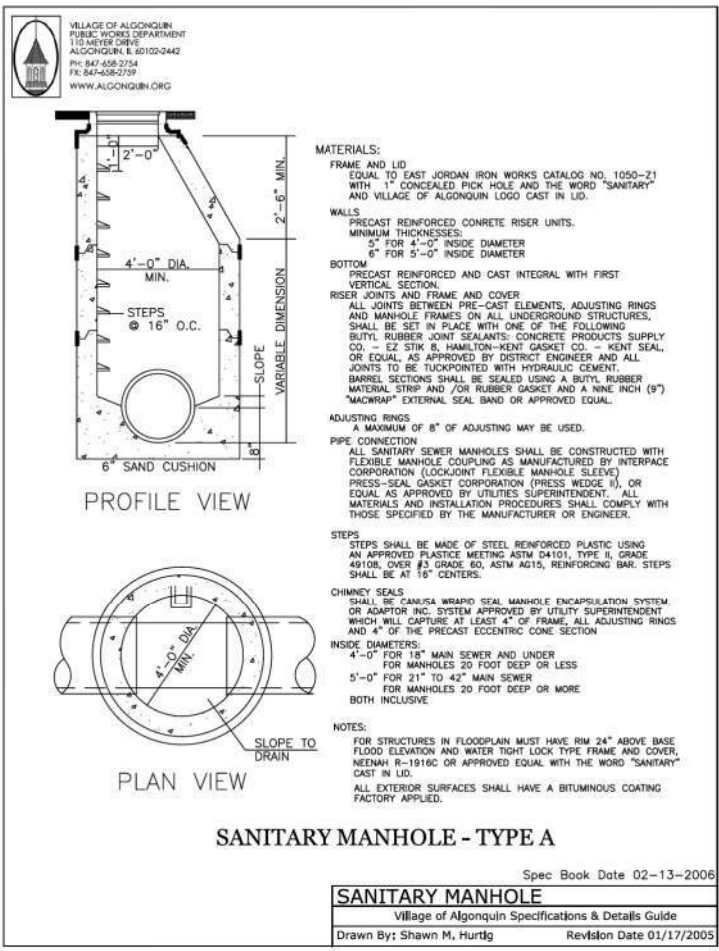


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	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF ALGONQUIN DETAILS			
SOUWANAS TRAIL & SCHUETT STREET			
SCALE: NTS	SHEET 2 OF 6 SHEETS	STA. TO STA.	

F.A.U RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	80
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO.	61H80



HRG PROJECT NO: 17425
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 PEN TABLE: 18/07/06/18/07/06



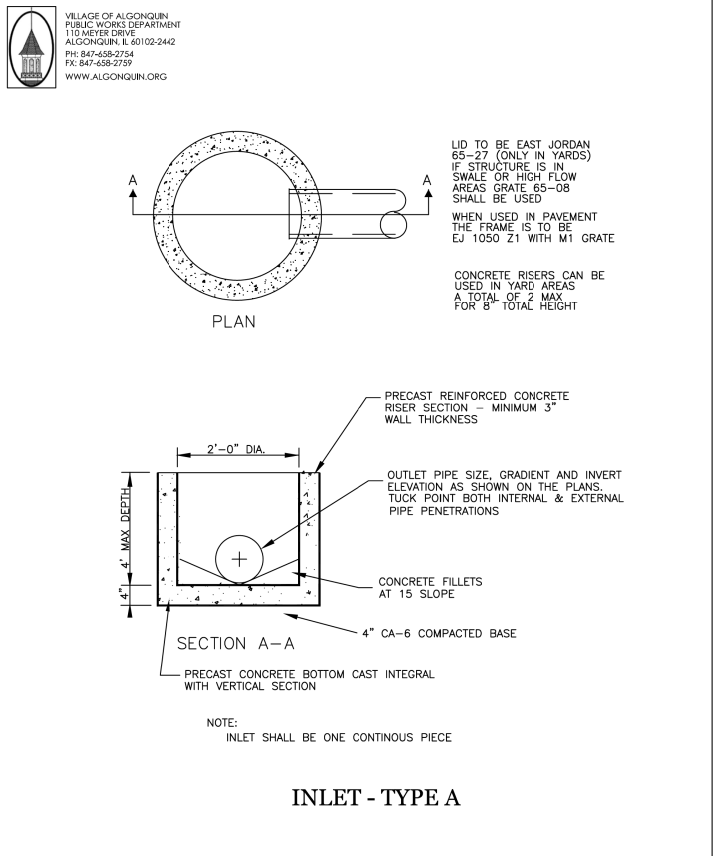
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PLOT DATE = 4/26/2022	CHECKED =	REVISED =
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

VILLAGE OF ALGONQUIN DETAILS
 SOUWANAS TRAIL & SCHUETT STREET

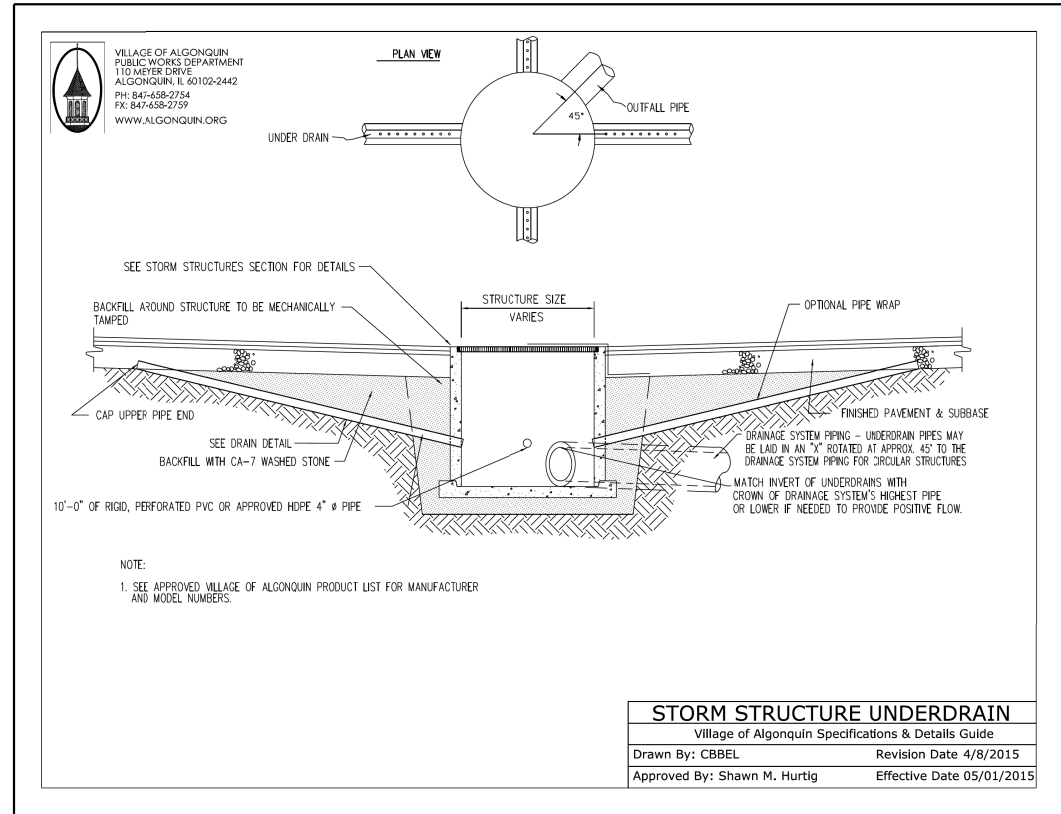
SCALE: NTS SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO.	61H80

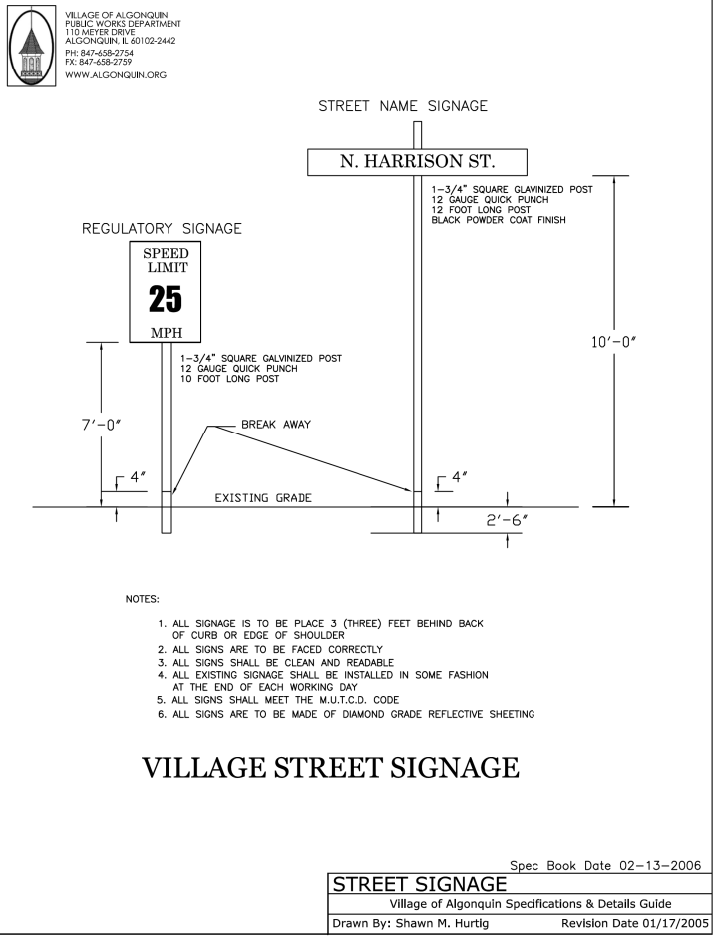


INLET - TYPE A

INLET TYPE A	
Village of Algonquin Specifications & Details Guide	
Drawn By: Shawn M. Hurtig	Revision Date 02/13/2005

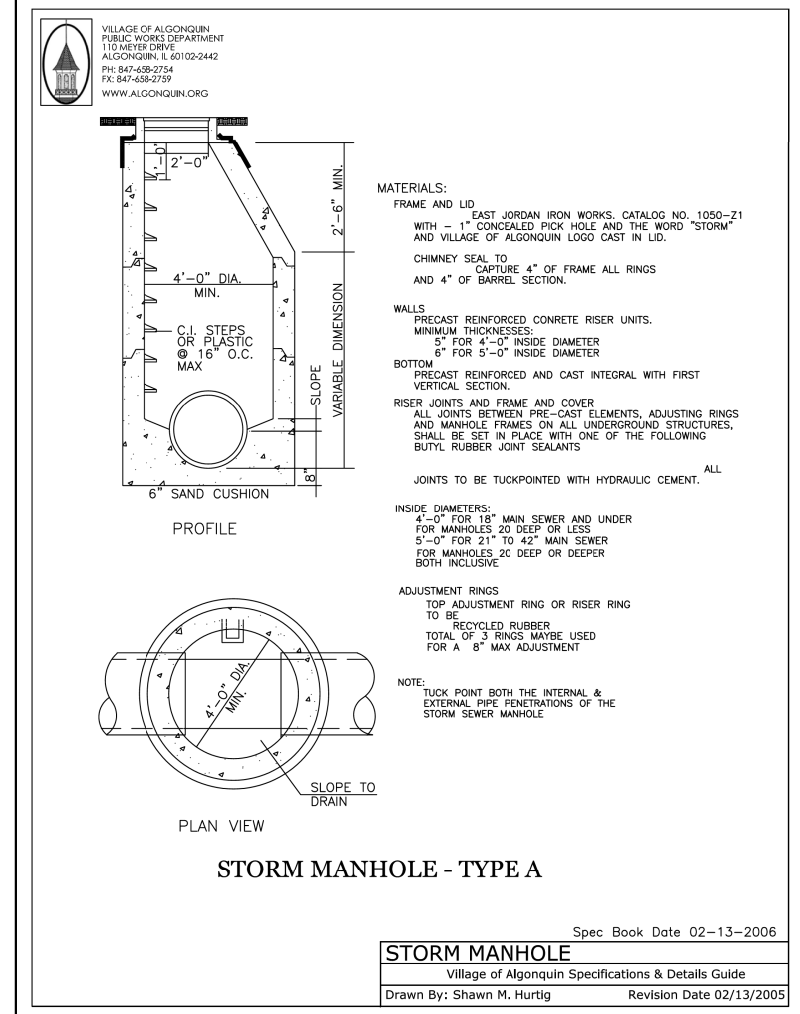


STORM STRUCTURE UNDERDRAIN
 Village of Algonquin Specifications & Details Guide
 Drawn By: CBBEL Revision Date 4/8/2015
 Approved By: Shawn M. Hurtig Effective Date 05/01/2015



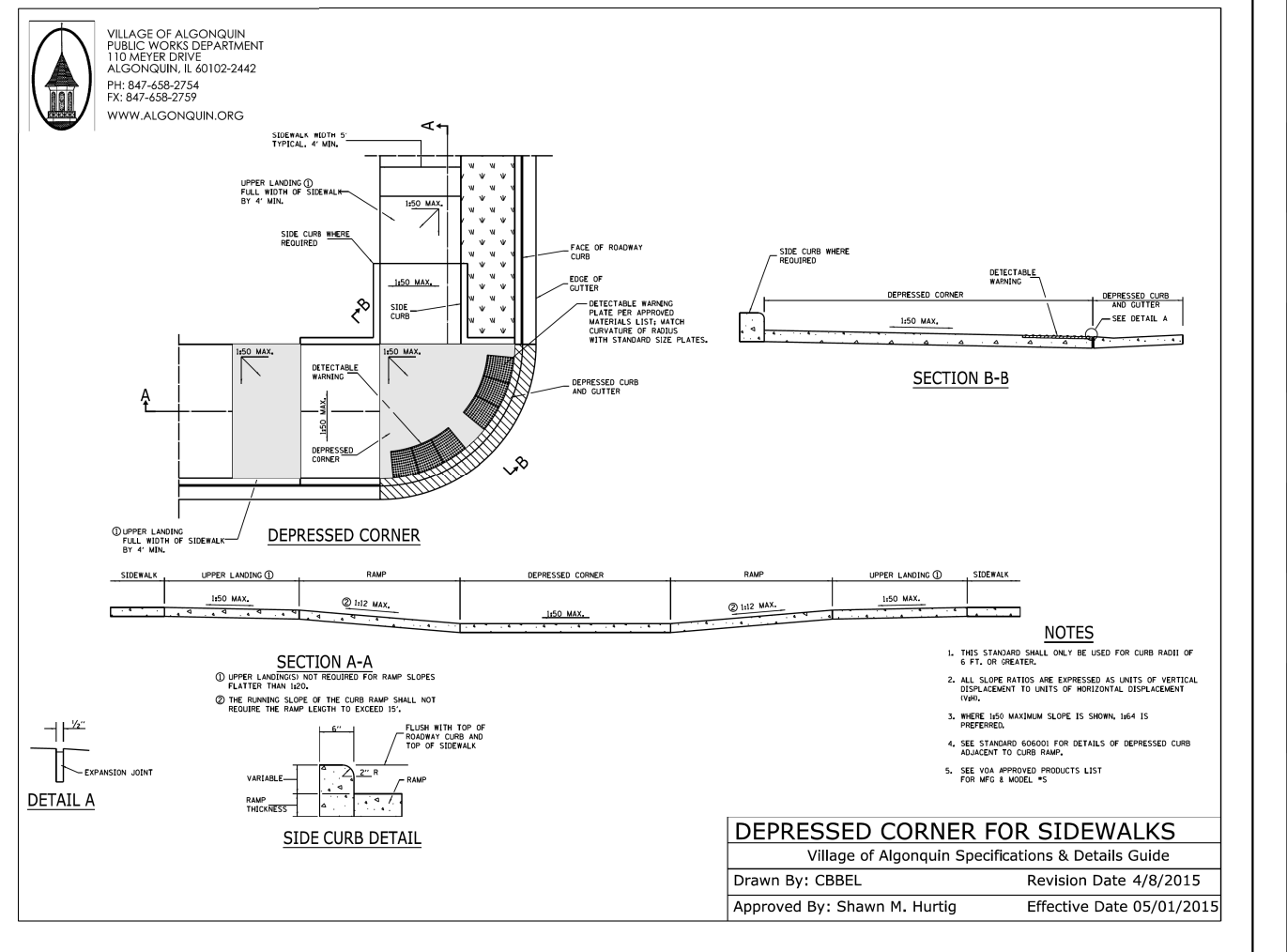
VILLAGE STREET SIGNAGE

STREET SIGNAGE	
Village of Algonquin Specifications & Details Guide	
Drawn By: Shawn M. Hurtig	Revision Date 01/17/2005



STORM MANHOLE - TYPE A

STORM MANHOLE	
Village of Algonquin Specifications & Details Guide	
Drawn By: Shawn M. Hurtig	Revision Date 02/13/2005



DEPRESSED CORNER FOR SIDEWALKS
 Village of Algonquin Specifications & Details Guide
 Drawn By: CBBEL Revision Date 4/8/2015
 Approved By: Shawn M. Hurtig Effective Date 05/01/2015

HRG PROJECT NO: 17425
 HRG PROJ CONTACT:
 FILE NAME: 17425-SW-06-04.dgn
 PEN TABLE: 17425.tbl



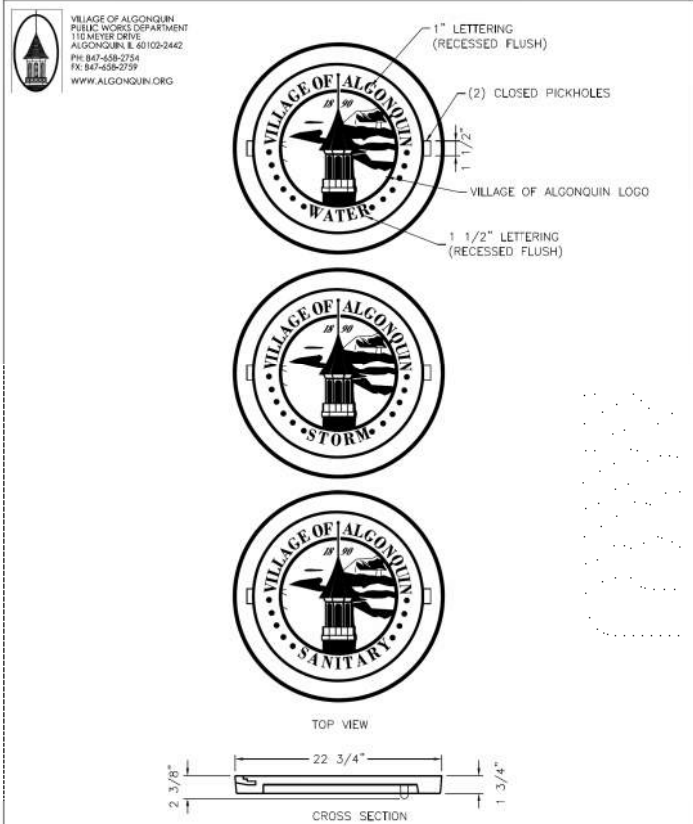
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PLOT DATE = 5/5/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

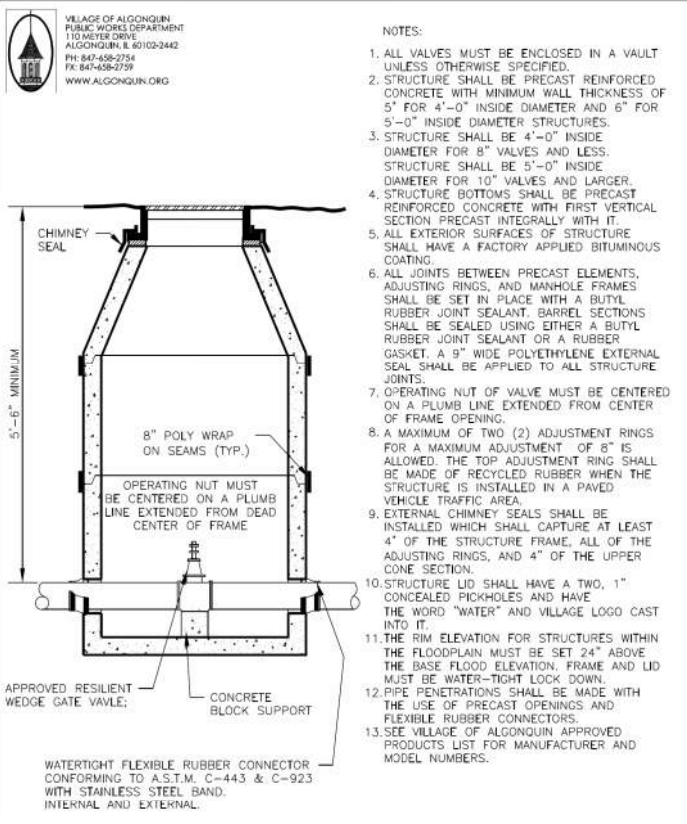
**VILLAGE OF ALGONQUIN DETAILS
 SOUWANAS TRAIL & SCHUETT STREET**

SCALE: NTS SHEET 4 OF 6 SHEETS STA. TO STA.

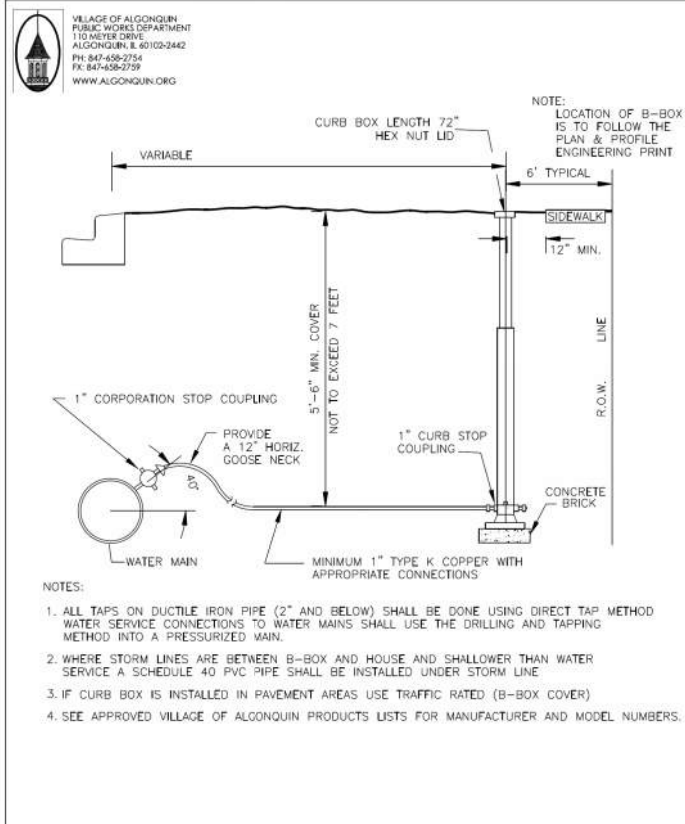
F.A.U. R.E.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
	17-00092-00-PV	MCHENRY	108	82
	4003, 4004	CONTRACT NO.		61H80
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



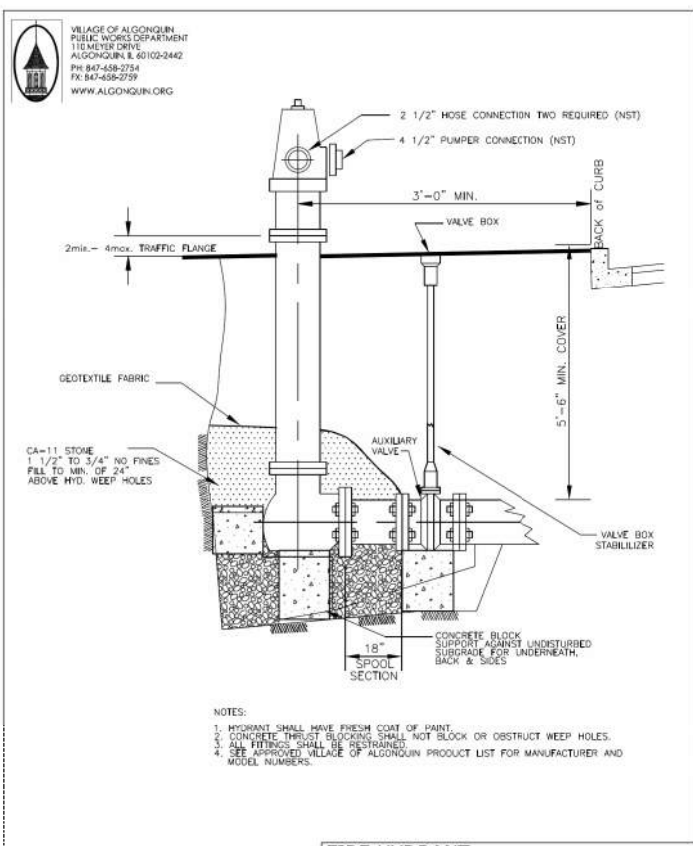
MANHOLE COVER W/LOGO
 Village of Algonquin Specifications & Details Guide
 Drawn By: CBDEL Revision Date 4/8/2015
 Approved By: Shawn M. Hurtig Effective Date 05/01/2015



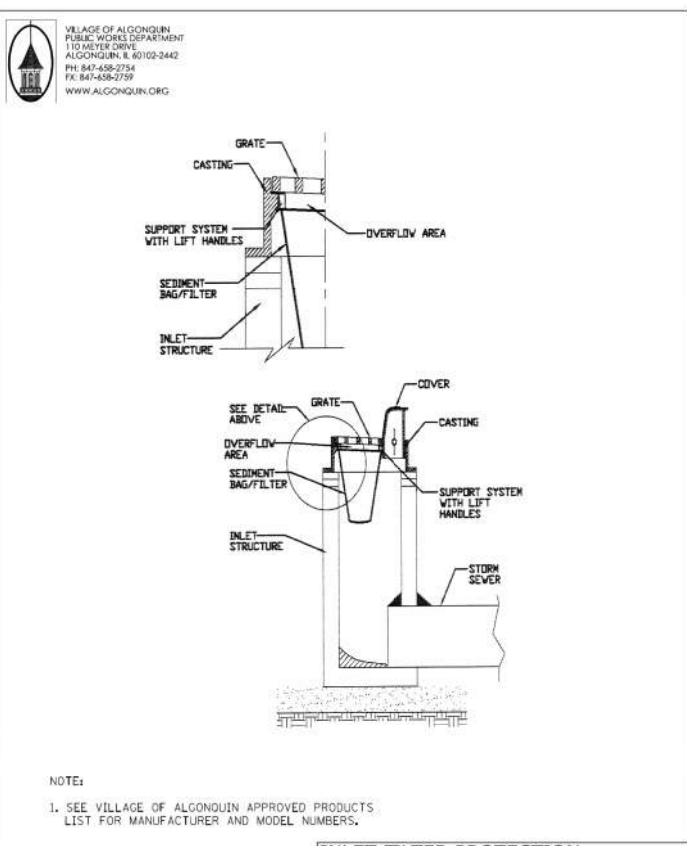
VALVE AND VAULT
 Village of Algonquin Specifications & Details Guide
 Drawn By: CBDEL Revision Date 4/8/2015
 Approved By: Shawn M. Hurtig Effective Date 05/01/2015



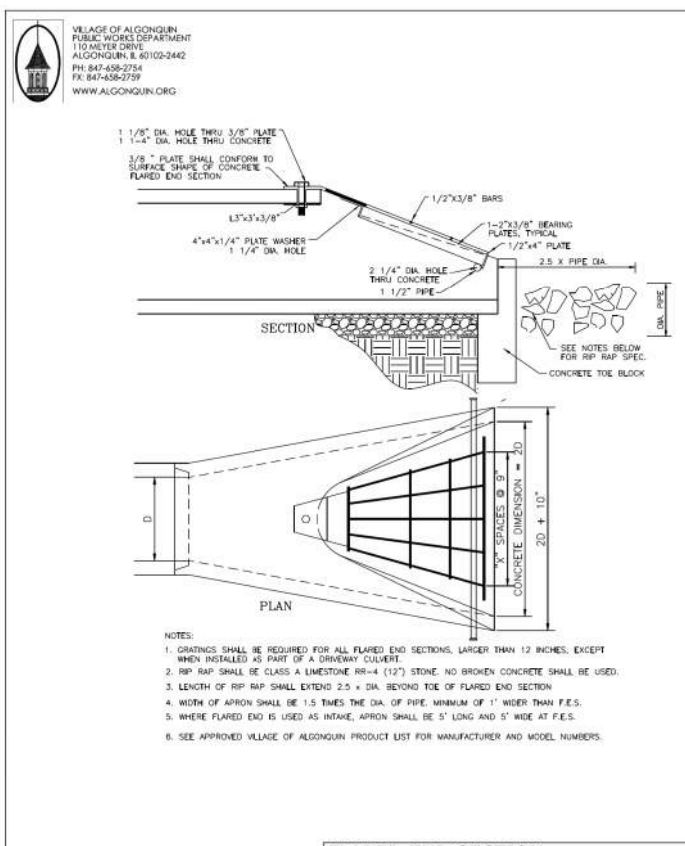
WATER SERVICE
 Village of Algonquin Specifications & Details Guide
 Drawn By: CBDEL Revision Date 4/8/2015
 Approved By: Shawn M. Hurtig Effective Date 05/01/2015



FIRE HYDRANT
 Village of Algonquin Specifications & Details Guide
 Drawn By: CBDEL Revision Date 4/8/2015
 Approved By: Shawn M. Hurtig Effective Date 05/01/2015



INLET FILTER PROTECTION
 Village of Algonquin Specifications & Details Guide
 Drawn By: CBDEL Revision Date 4/8/2015
 Approved By: Shawn M. Hurtig Effective Date 05/01/2015



FLARED END SECTION
 Village of Algonquin Specifications & Details Guide
 Drawn By: CBDEL Revision Date 4/8/2015
 Approved By: Shawn M. Hurtig Effective Date 05/01/2015

HRG PROJECT NO: 17425
 HRG PROJ CONTACT:
 FILE NAME: 17425-SHT-06-05.dgn
 PEN TABLE: penTable.tbl



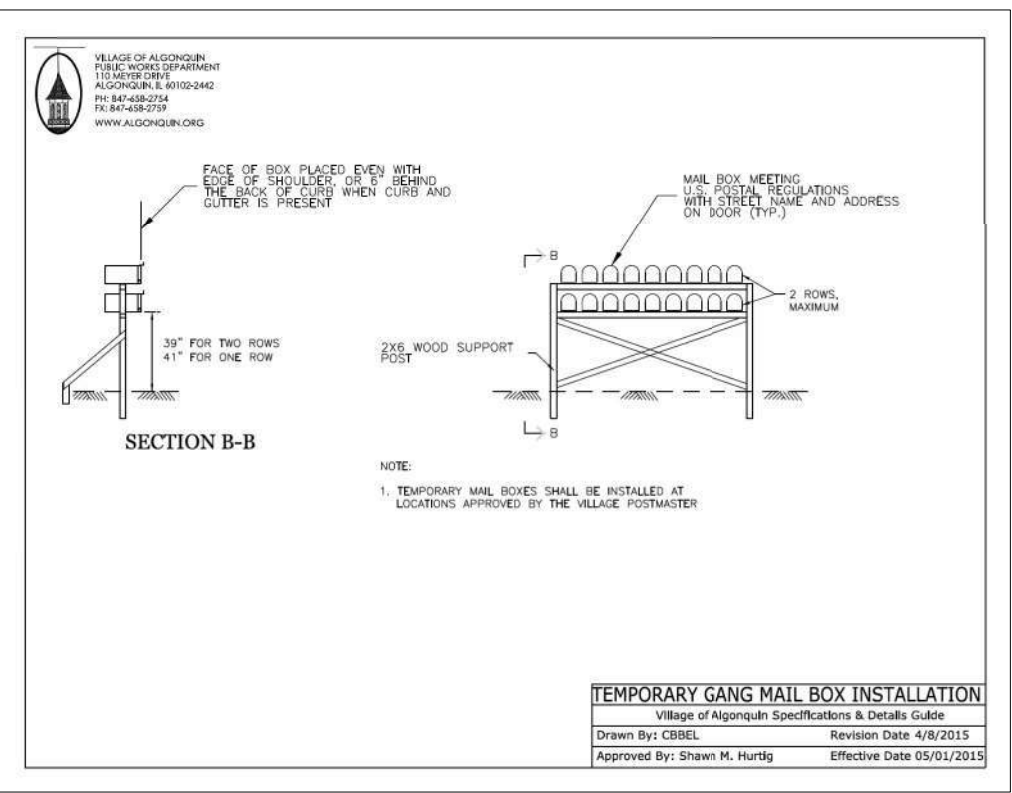
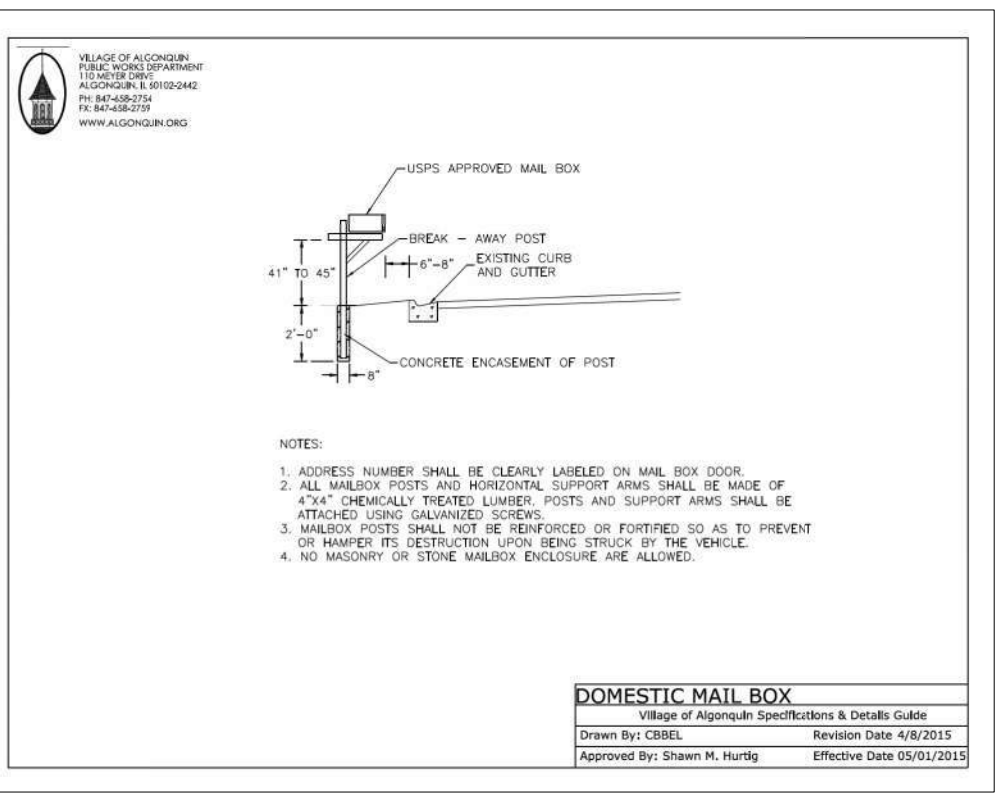
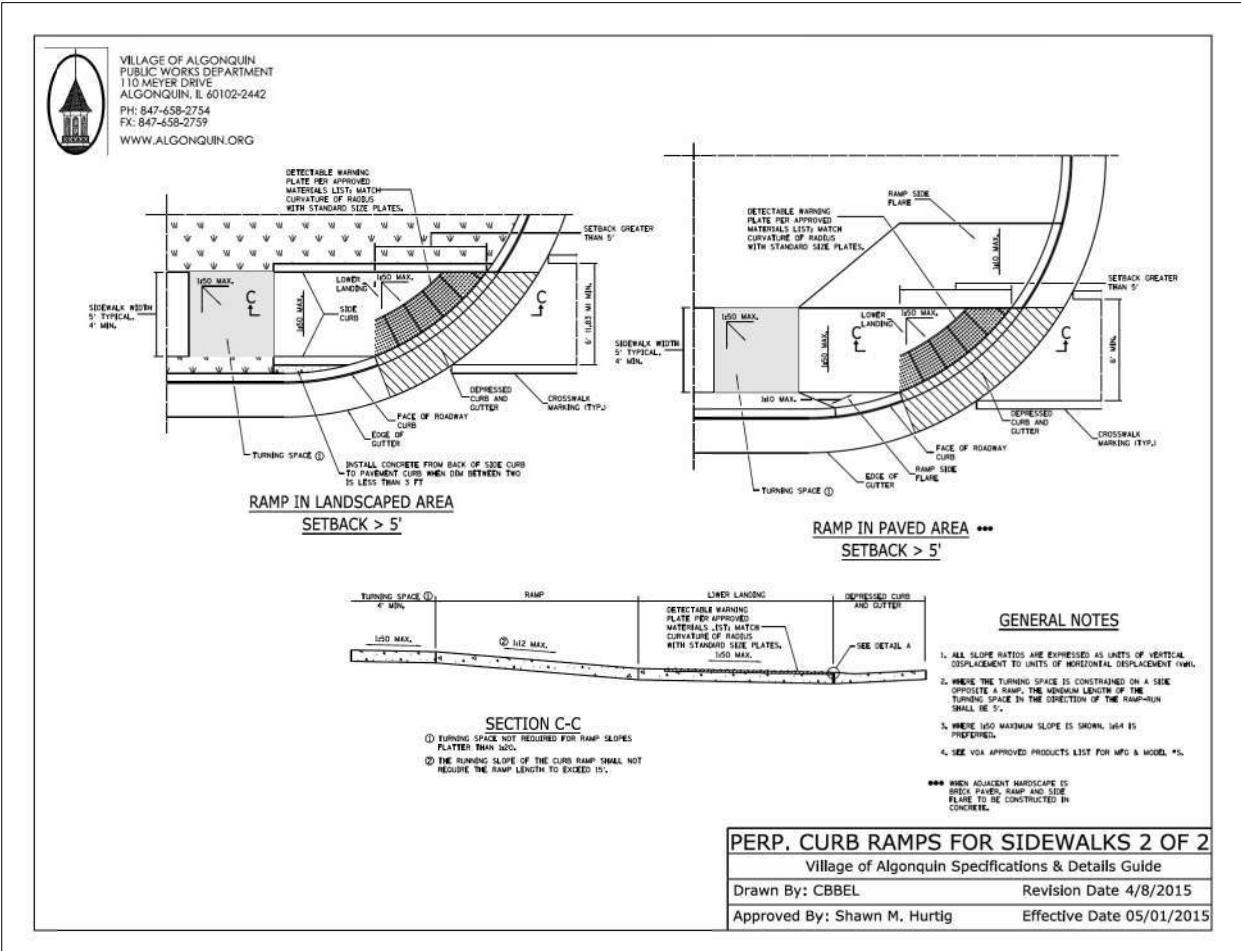
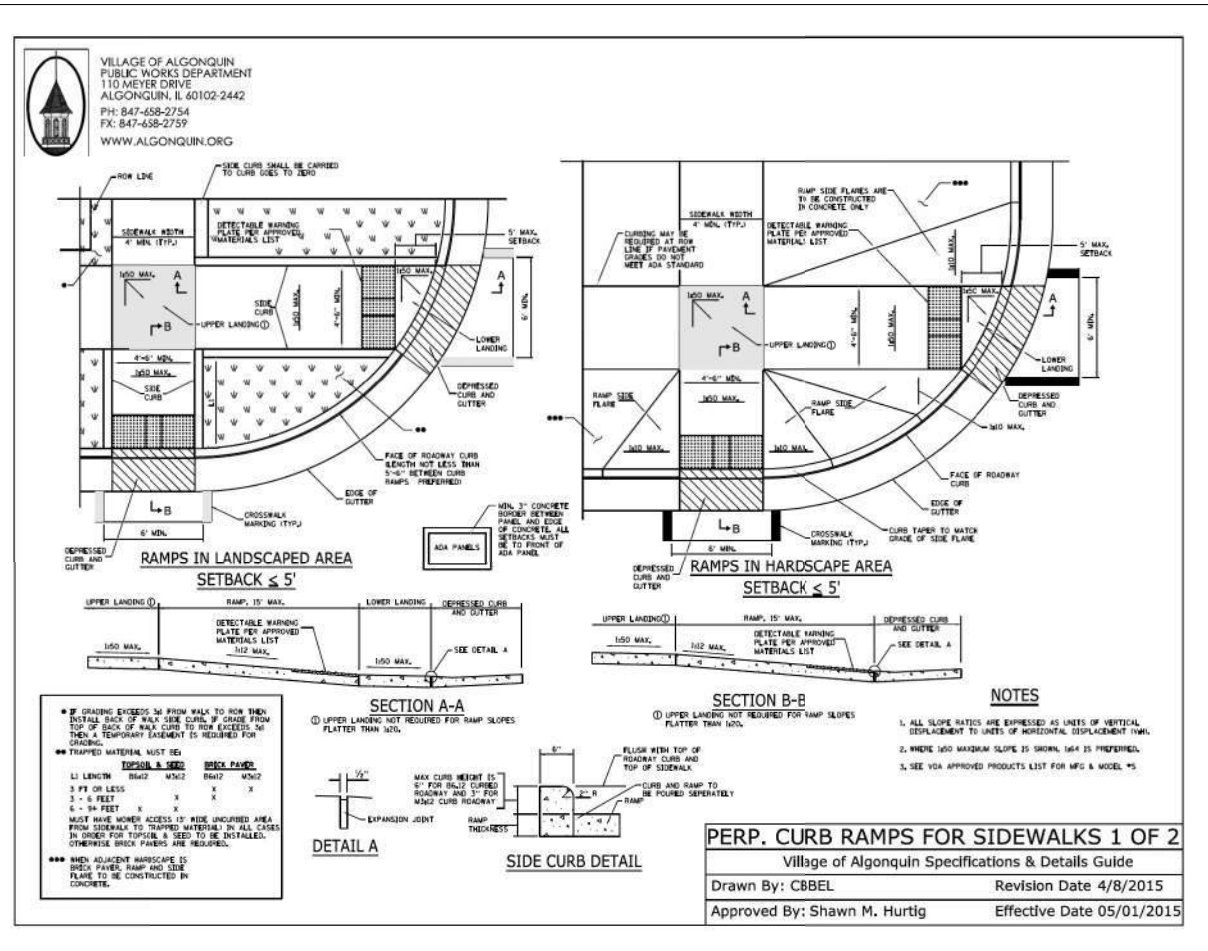
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 PLOT DATE = 5/5/2022

DESIGNED - JS	REVISED -
DRAWN - DMS	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**VILLAGE OF ALGONQUIN DETAILS
 SOUWANAS TRAIL & SCHUETT STREET**
 SCALE: NTS SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	83
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		CONTRACT NO.	61H80



HRG PROJECT NO: 17425
HRG PROJ CONTACT:
FILE NAME: 07/25-571-dbt-06.dgn
DATE: 4/26/2022
PEN TABLE: 18/07/LABEL.TB



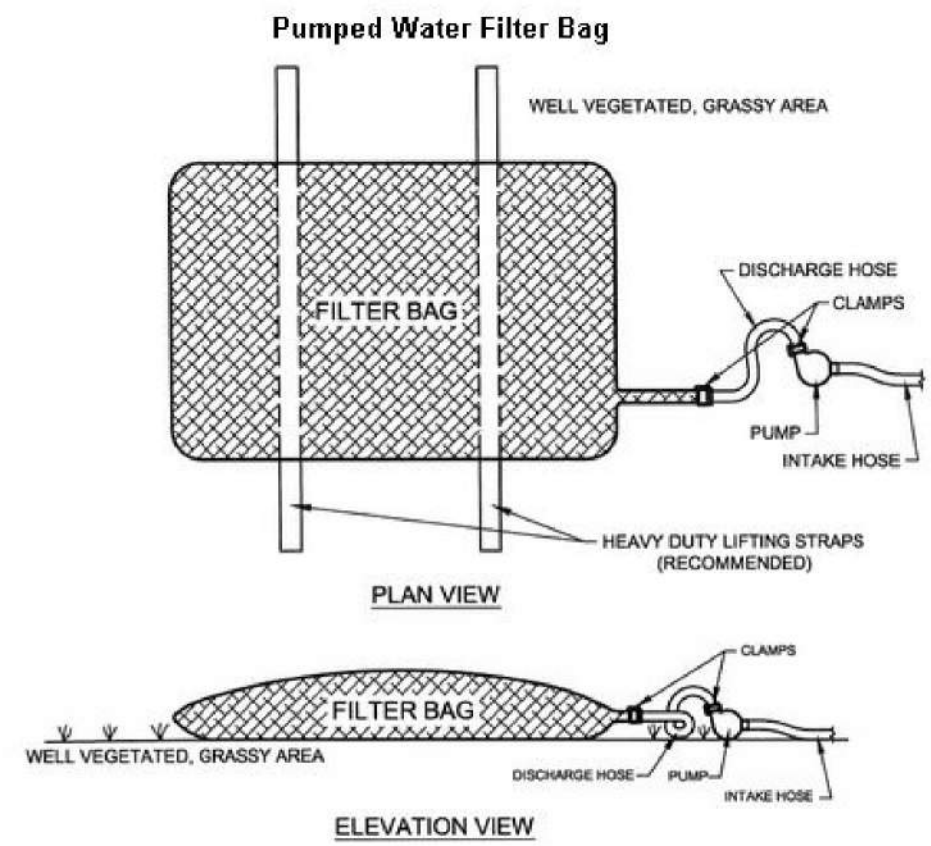
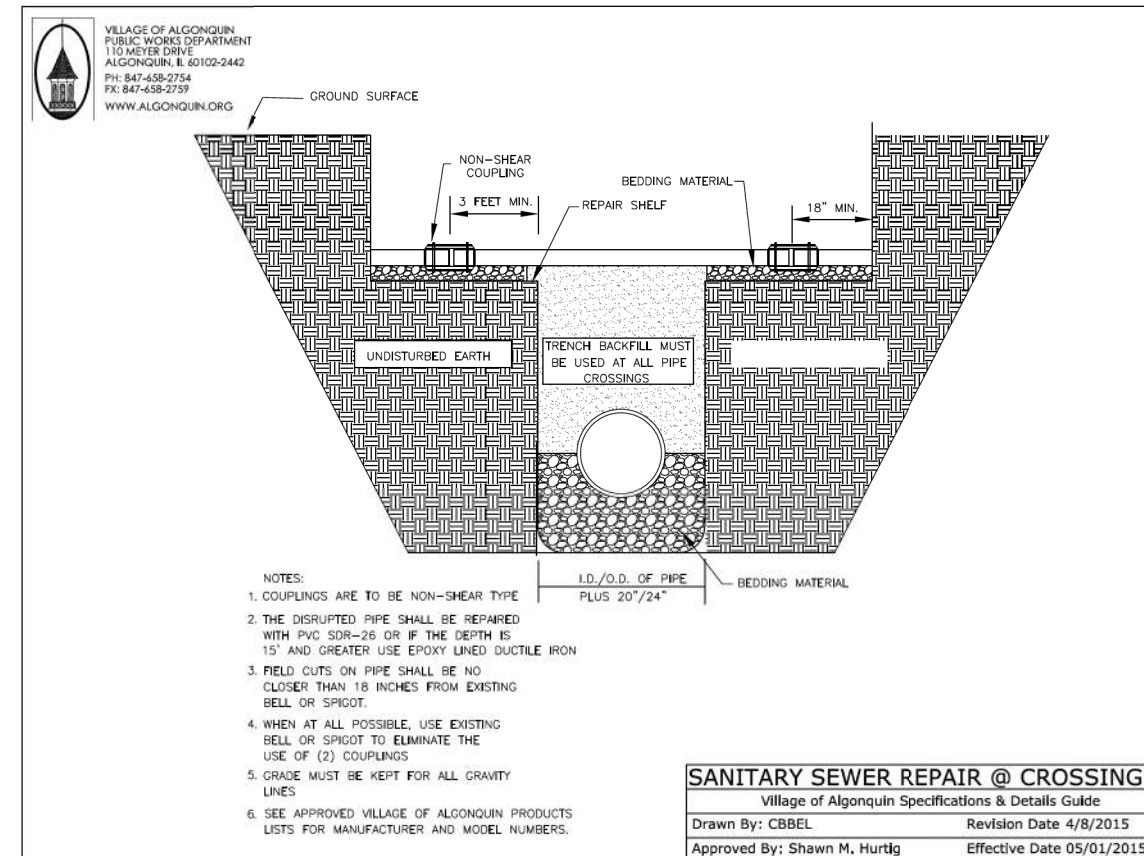
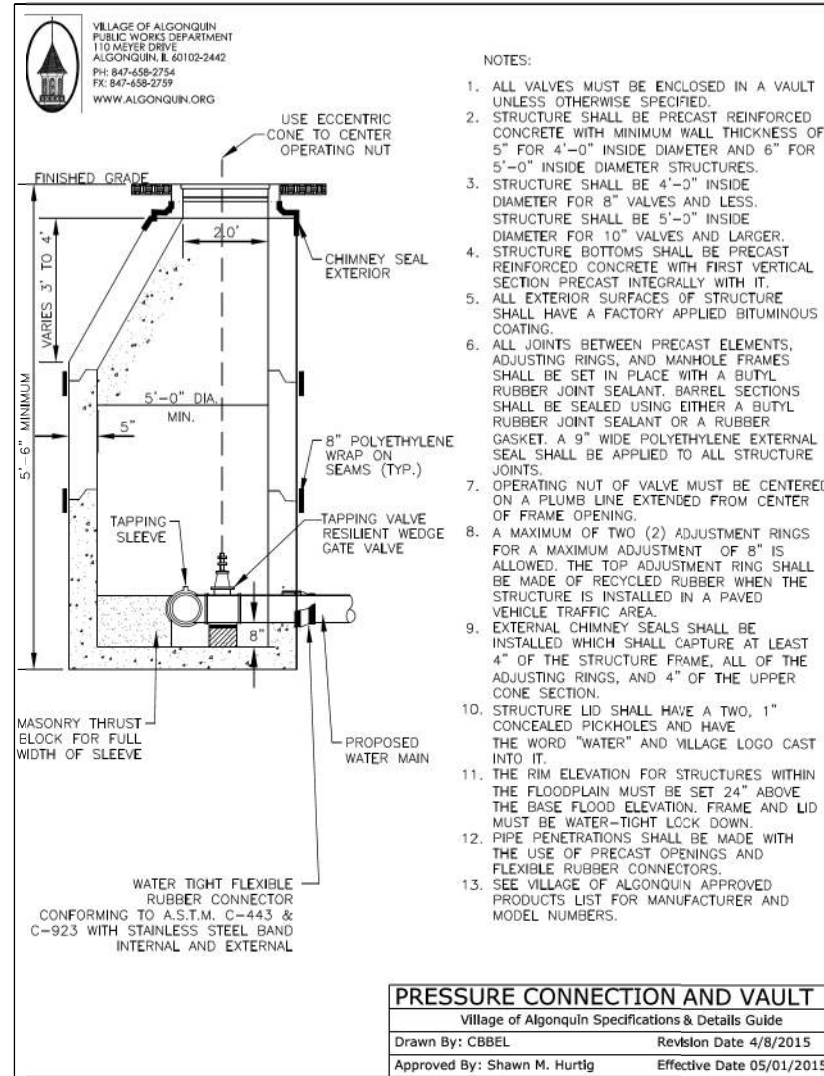
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	DRAWN - DMS	REVISED -
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PLOT DATE = 4/26/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF ALGONQUIN DETAILS
SOUWANAS TRAIL & SCHUETT STREET

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

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	84
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	CONTRACT NO.	61H80



HRG PROJECT NO: 17425
HRG PROJ CONTACT:
FILE NAME: 17425-SW-06-07.dgn
PEN TABLE: 17425.tbl



USER NAME = jstrzal	DESIGNED - JS	REVISED -
PLOT SCALE = 8.0000' / in.	DRAWN - DMS	REVISED -
PLOT DATE = 4/26/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

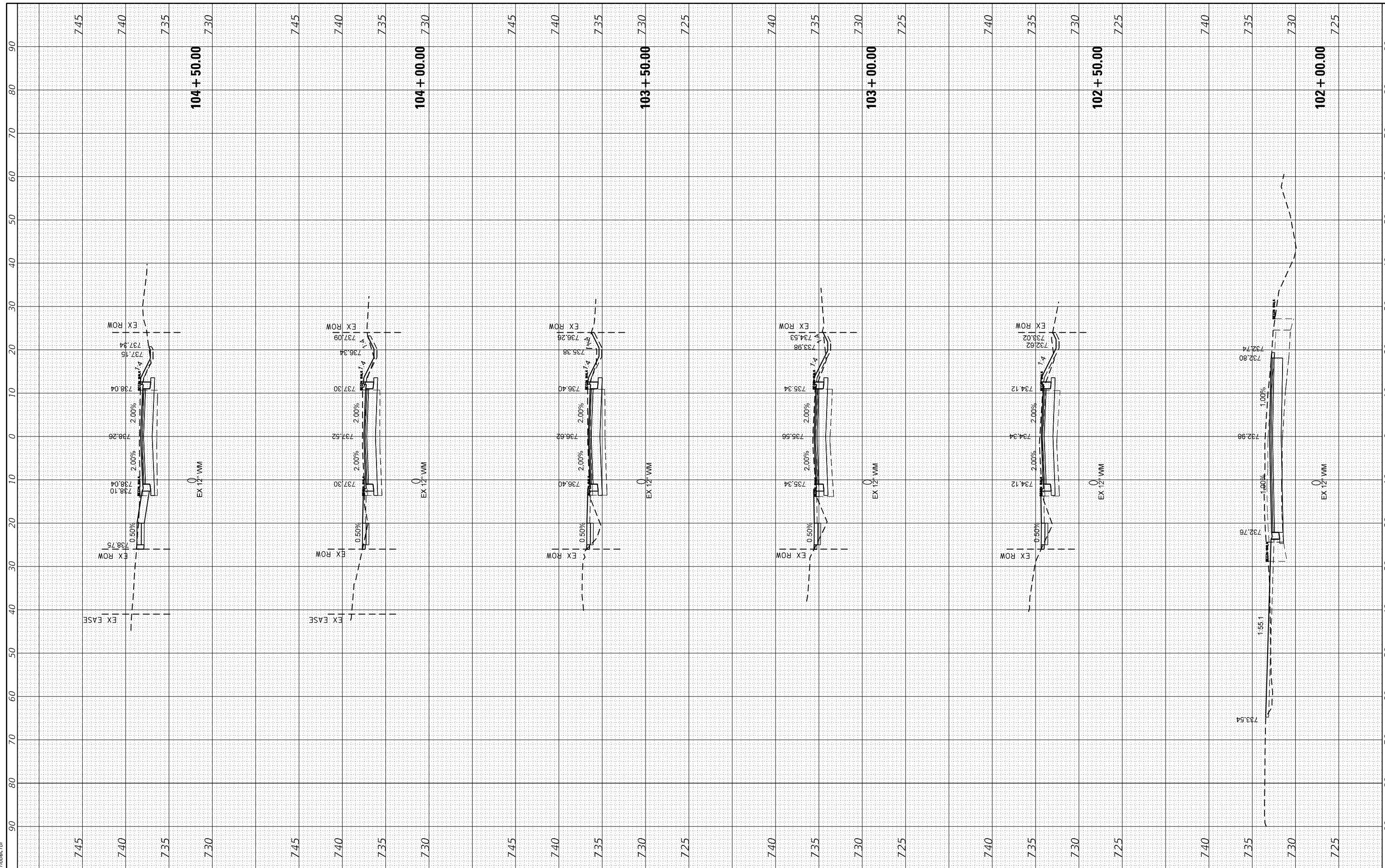
VILLAGE OF ALGONQUIN DETAILS	
SOUWANAS TRAIL & SCHUETT STREET	
SCALE: NTS	SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
• 4003, 4004	17-00092-00-PV	MCHENRY	108	85
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.	61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-souwanas.dgn
 PLOT DRIVER: J. Coffey
 PEN TABLE: p10.tbl



USER NAME	- jstrzal	DESIGNED	- JS	REVISED	- XX/XX/XXXX
		DRAWN	- DMS	REVISED	- XX/XX/XXXX
PLOT SCALE	- 20.0000' / in.	CHECKED	-	REVISED	- XX/XX/XXXX
PLOT DATE	- 4/26/2022	DATE	-	REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUWANAS TRAIL**

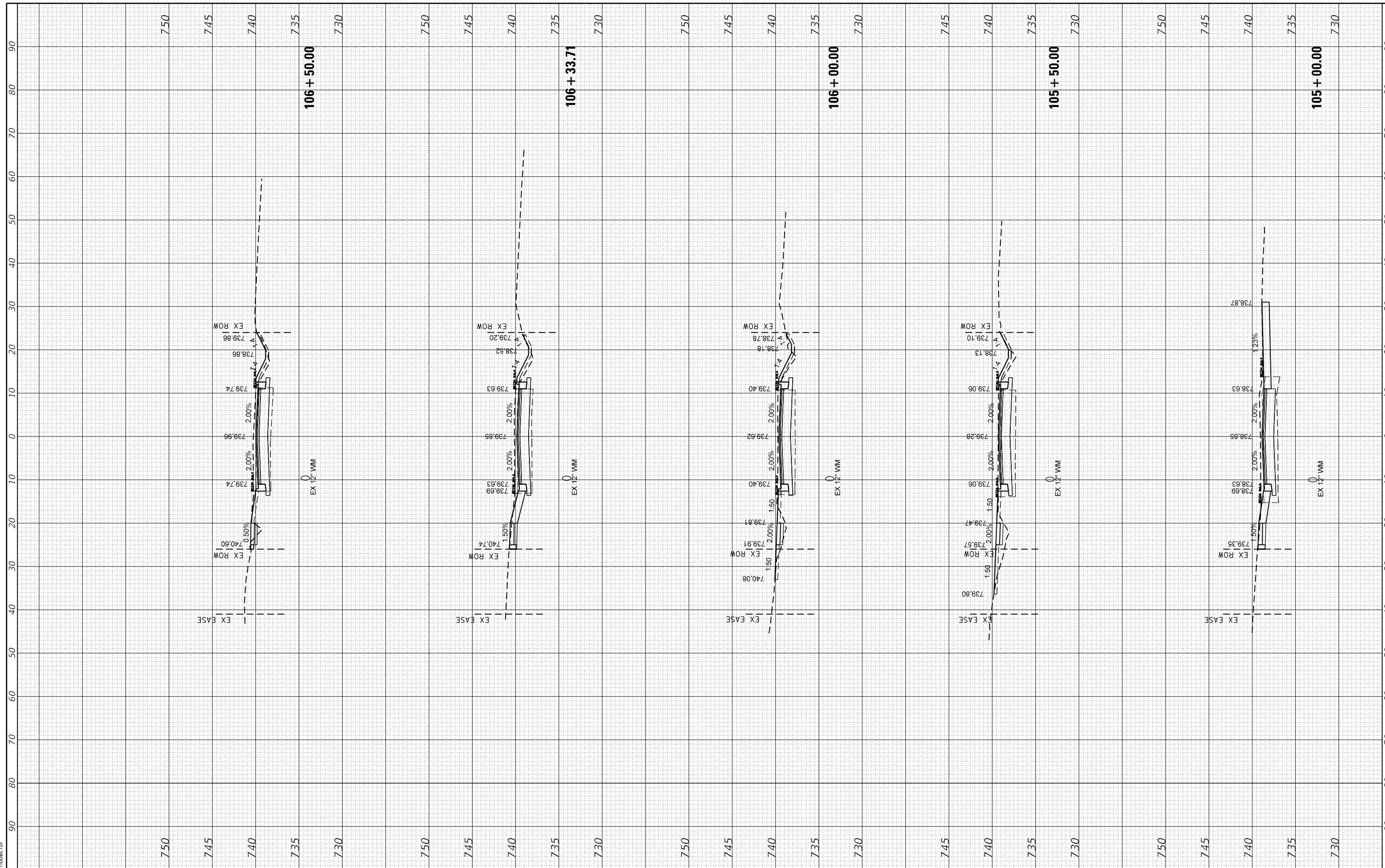
SCALE: 10H:5V SHEET 1 OF 16 SHEETS STA. 102+00.00 TO STA. 104+50.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	86
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - 17425 - souwanas.dgn
 PLOT DRIVER: J. Coff. dwgpcrctg
 PEN TABLE: p10.tbl



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USER NAME	= jstrzal	DESIGNED	- JS	REVISED	- XX/XX/XXXX
		DRAWN	- DMS	REVISED	- XX/XX/XXXX
PLOT SCALE	= 20.0000' / in.	CHECKED	-	REVISED	- XX/XX/XXXX
PLOT DATE	= 4/26/2022	DATE	-	REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

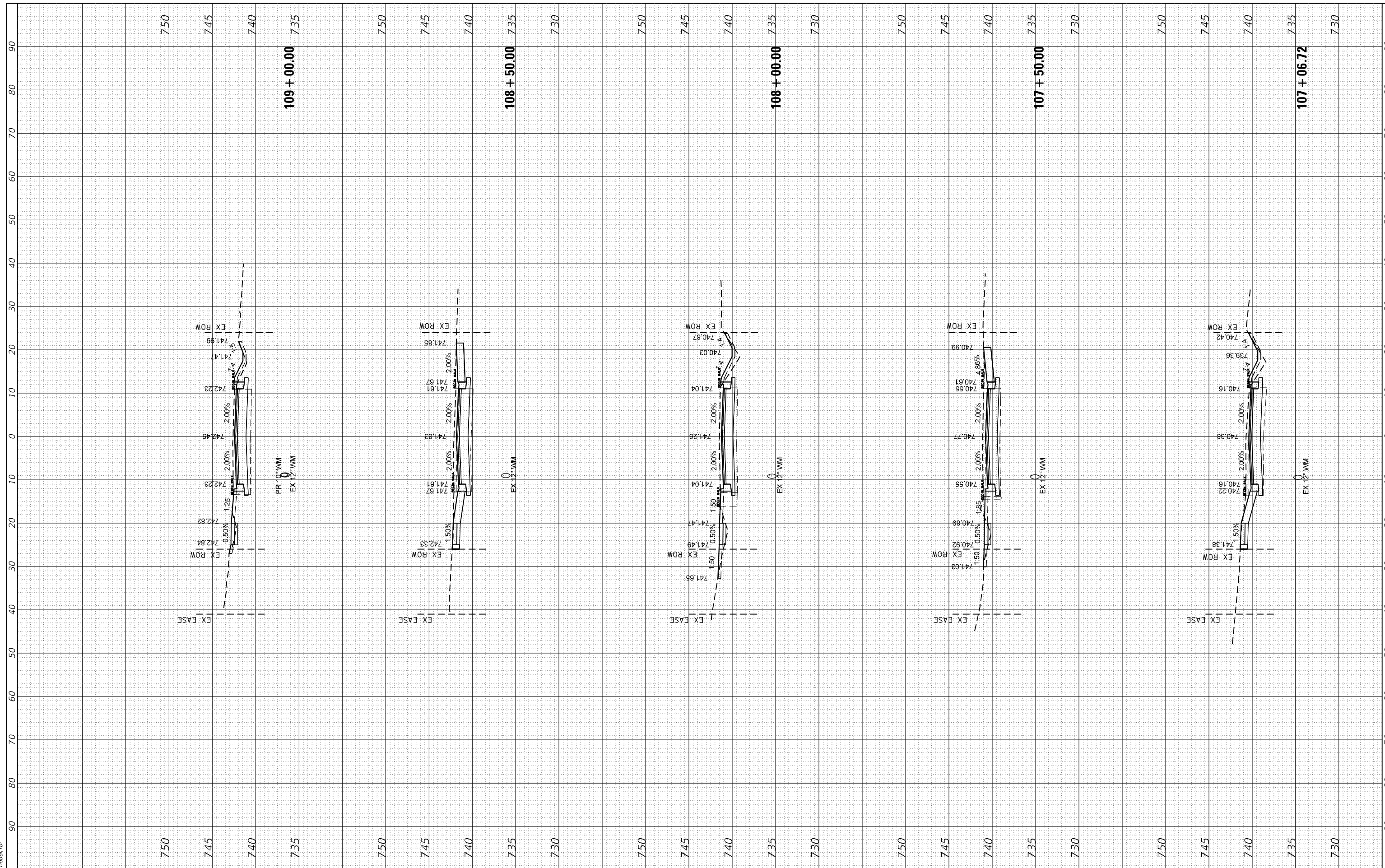
CROSS SECTIONS SOUWANAS TRAIL			
SCALE:	10H:5V	SHEET	2 OF 16 SHEETS
		STA.	105+00.00 TO STA. 106+50.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	87
				CONTRACT NO. 61H80
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - ss-souwanas.dgn
 PLOT DRIVER: J. Coff. dwgpcrctg
 PEN TABLE: p10.tbl



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USER NAME	- jstrzal	DESIGNED	- JS	REVISED	- XX/XX/XXXX
		DRAWN	- DMS	REVISED	- XX/XX/XXXX
PLOT SCALE	- 20.0000' / in.	CHECKED	-	REVISED	- XX/XX/XXXX
PLOT DATE	- 4/26/2022	DATE	-	REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

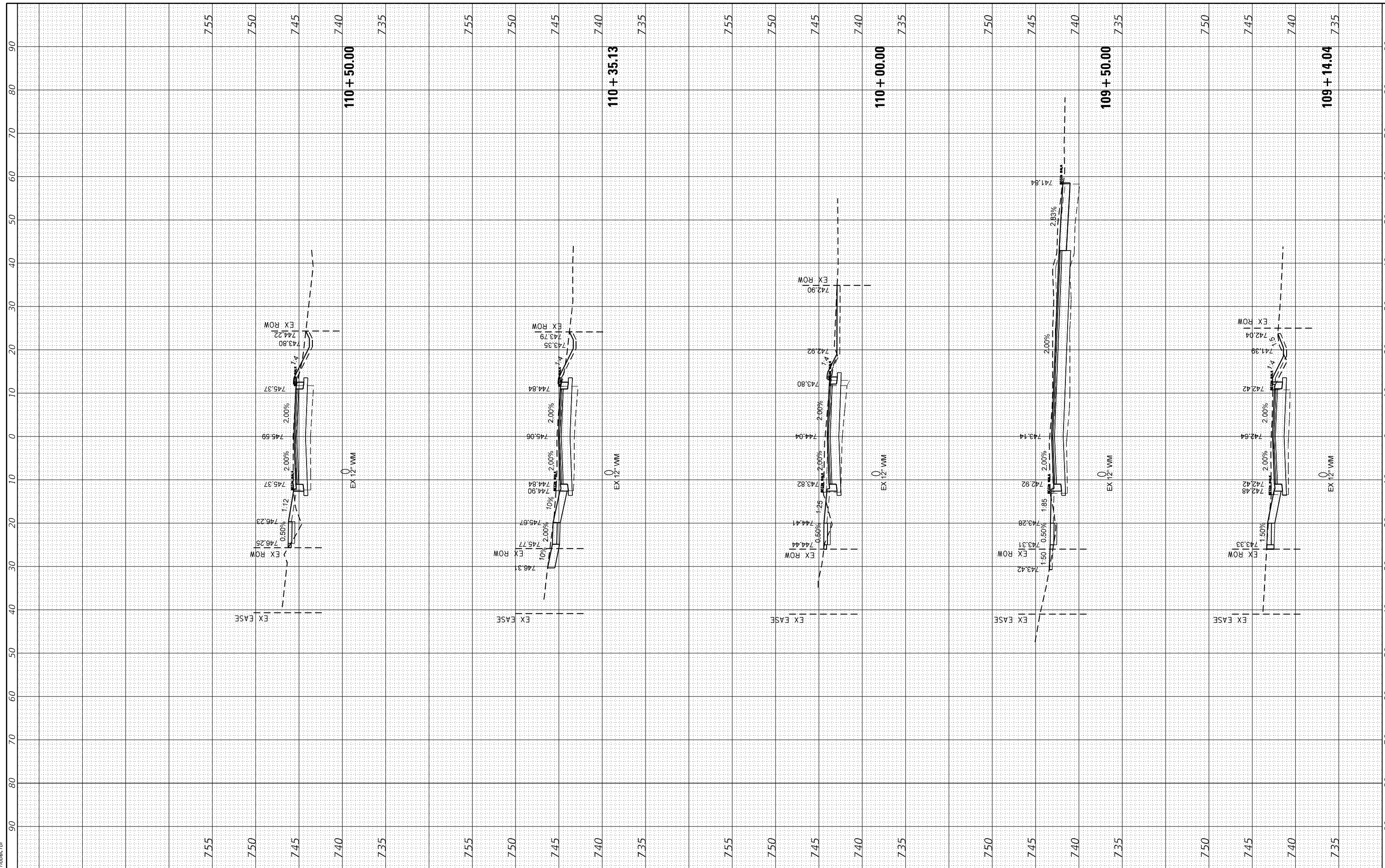
CROSS SECTIONS SOUWANAS TRAIL		
SCALE:	10H:5V	SHEET 3 OF 16 SHEETS
		STA. 107+06.72 TO STA. 109+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	88
				CONTRACT NO. 61H80
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-souwanas.dgn
 PLOT DRIVER: J. Coff. dwgpcr17g
 PEN TABLE: p10.tbl



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USER NAME - jstrzal	DESIGNED - JS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE - 20.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE - 4/26/2022	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUWANAS TRAIL**

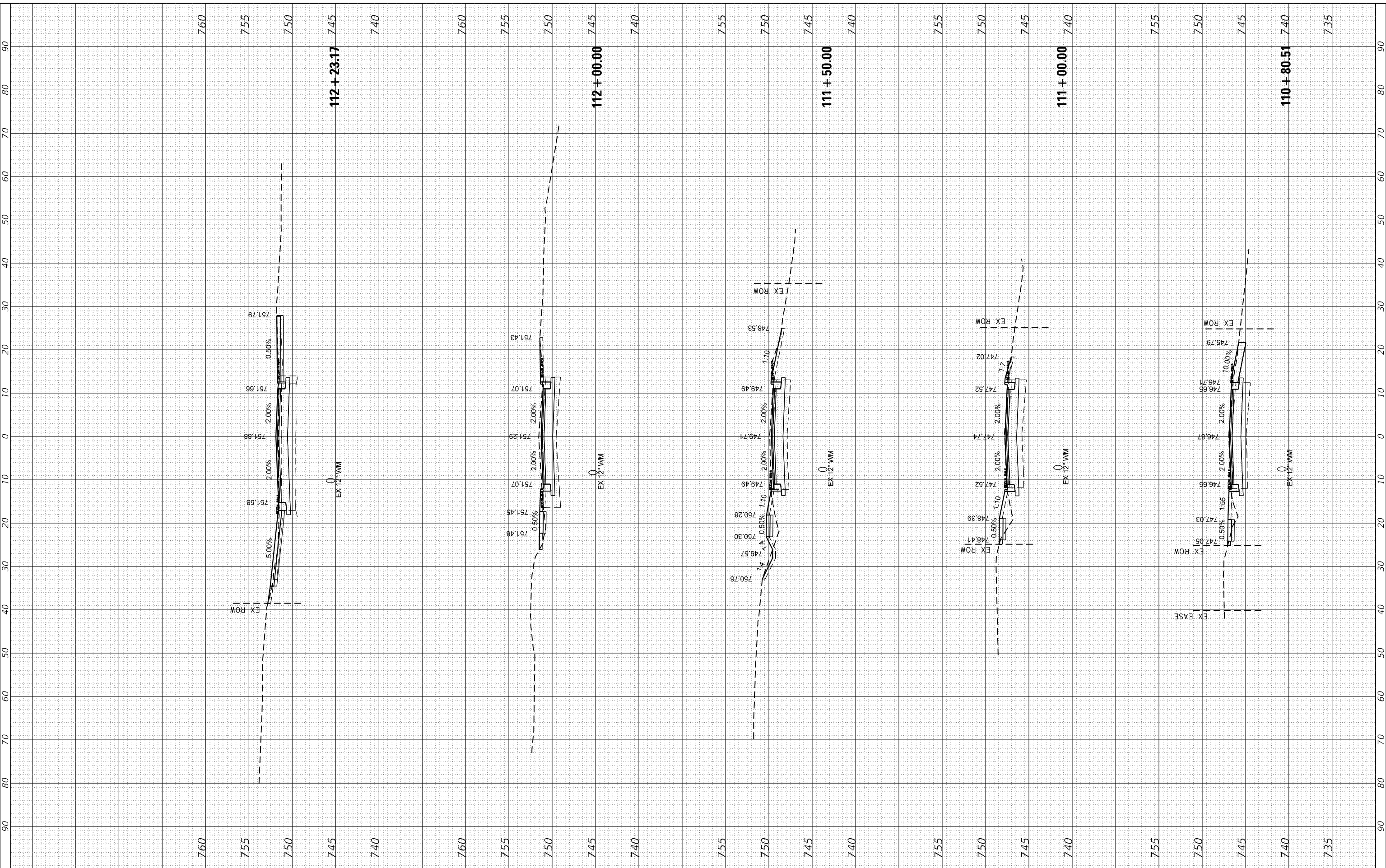
SCALE: 10H:5V SHEET 4 OF 16 SHEETS STA. 109+14.04 TO STA. 110+50.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	89
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

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

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

HRG PROJECT NO: 17425
 FILE NAME: 17425-17425-souwanas.dgn
 PLOT DRIVER: J. Coff. dwgplotpcg
 PEN TABLE: p10.tbl



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USER NAME - jstrzal	DESIGNED - JS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE - 20.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE - 4/26/2022	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUWANAS TRAIL**

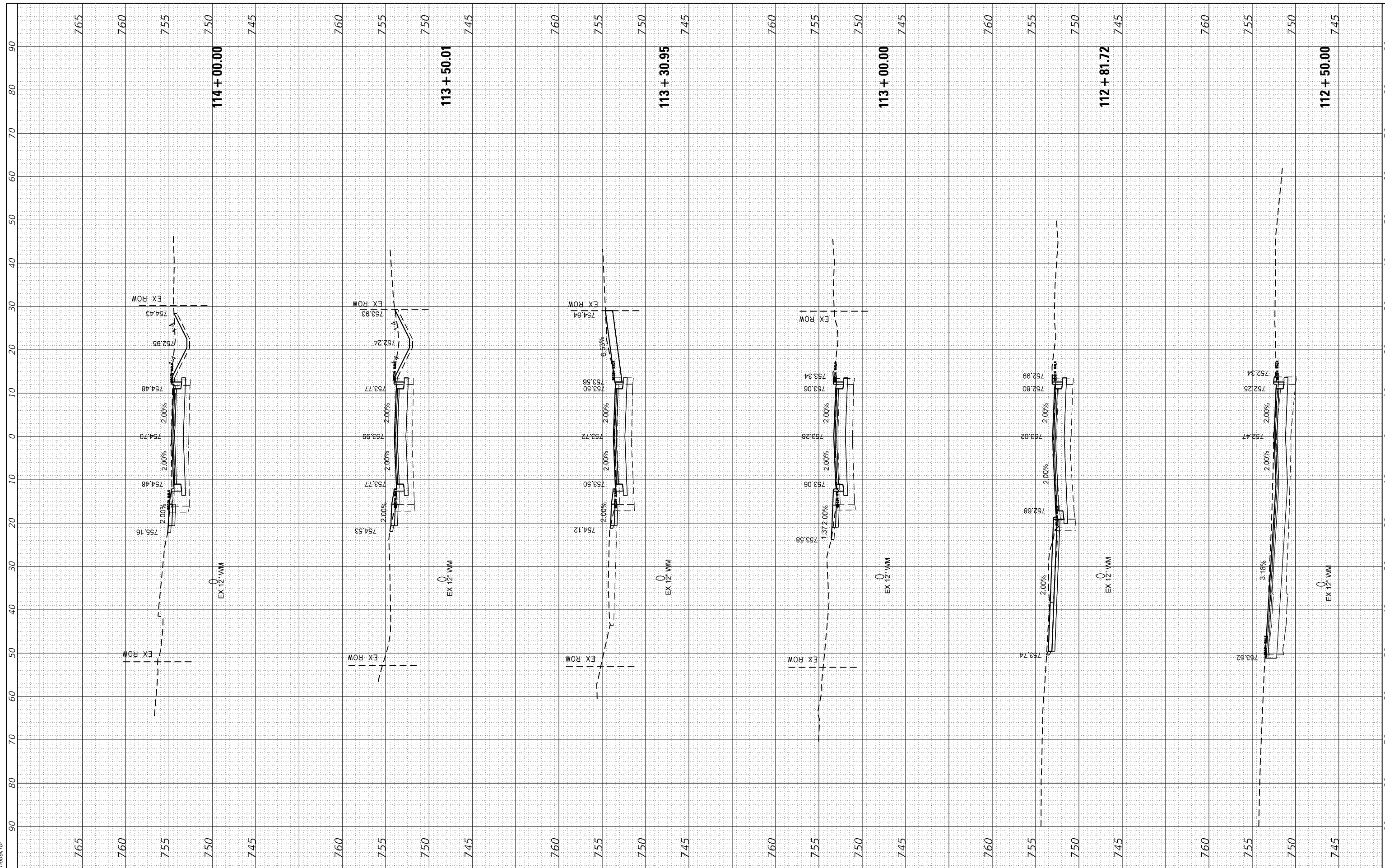
SCALE: 10H:5V SHEET 5 OF 16 SHEETS STA. 110+80.51 TO STA. 112+23.17

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	90
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425-17-00092-00-PV-112+50.00.dgn
 PLOT DRIVER: J. Loeffler
 PEN TABLE: p10.tbl



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USER NAME	- jstrzal	DESIGNED	- JS	REVISED	- XX/XX/XXXX
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PLOT SCALE	- 20.0000' / in.	CHECKED	-	REVISED	- XX/XX/XXXX
PLOT DATE	- 4/26/2022	DATE	-	REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUWANAS TRAIL**

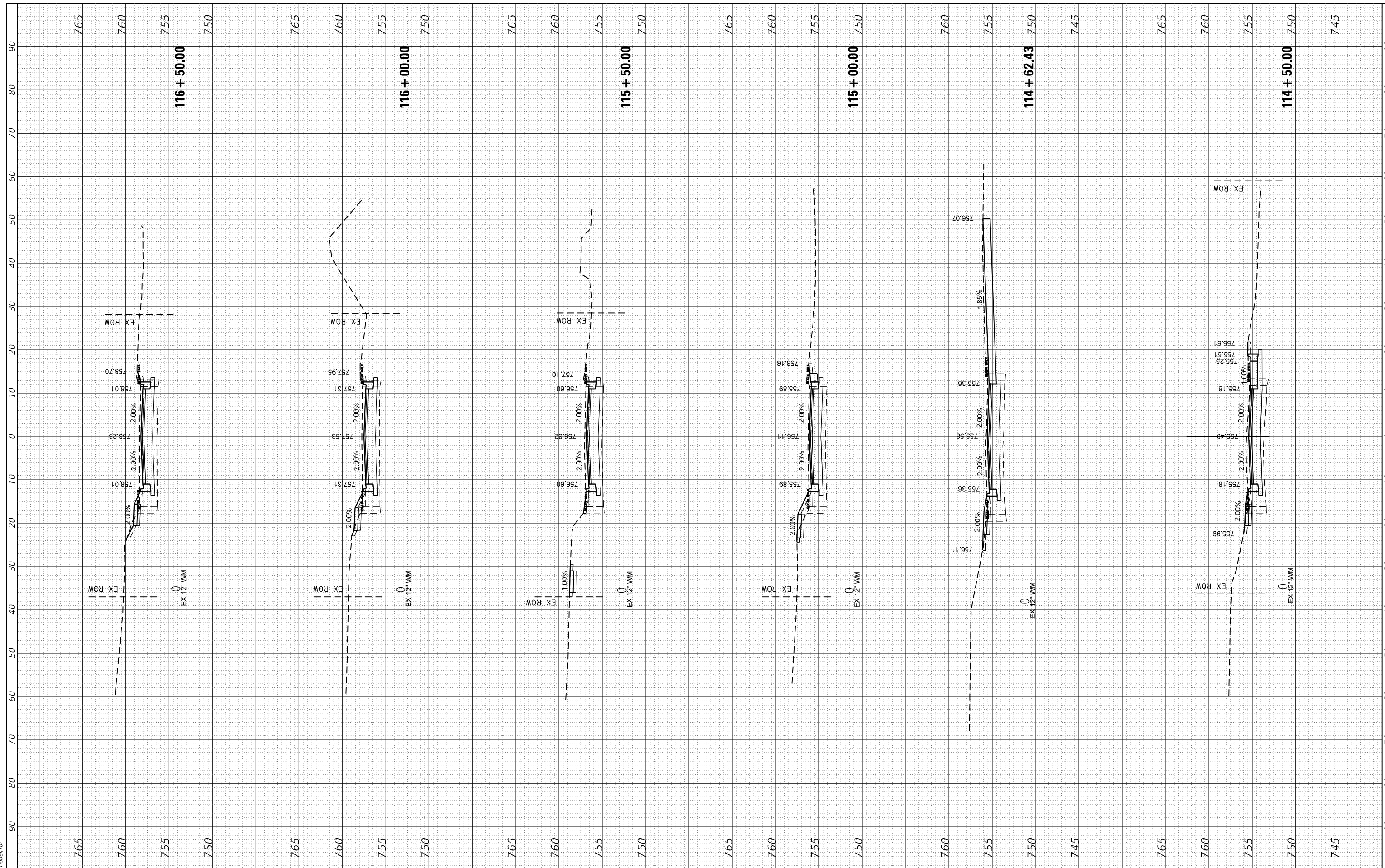
SCALE: 10H:5V SHEET 6 OF 16 SHEETS STA. 112+50.00 TO STA. 114+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	91
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-souwanas.dgn
 PLOT DRIVER: J. Carr
 PEN TABLE: p10.tbl



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 Illinois Professional Design Firm
 #184-01322

USER NAME - jstrzal	DESIGNED - JS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE - 20.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE - 4/26/2022	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

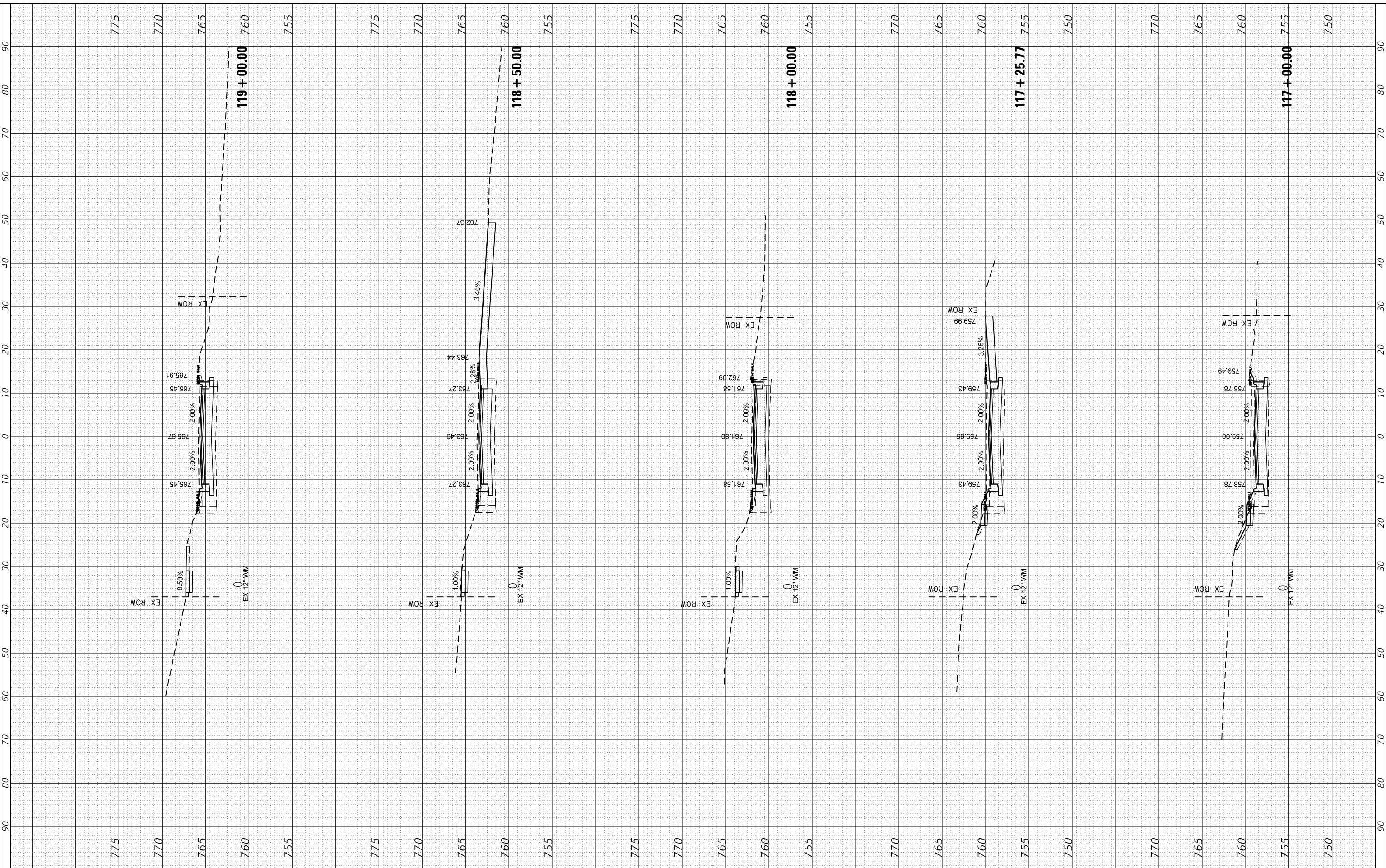
CROSS SECTIONS SOUWANAS TRAIL	
SCALE: 10H:5V	SHEET 7 OF 16 SHEETS
STA. 114+50.00 TO STA. 116+50.00	

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	92
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425-Cross-sections.dgn
 PLOT DRIVER: J. Coff. dwgpcr17g
 PEN TABLE: p10/10a/b1/d1



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USER NAME	- jstrzal
DESIGNED	- JS
DRAWN	- DMS
CHECKED	-
DATE	-
PLOT SCALE	- 20.0000' / in.
PLOT DATE	- 4/26/2022

REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUWANAS TRAIL**

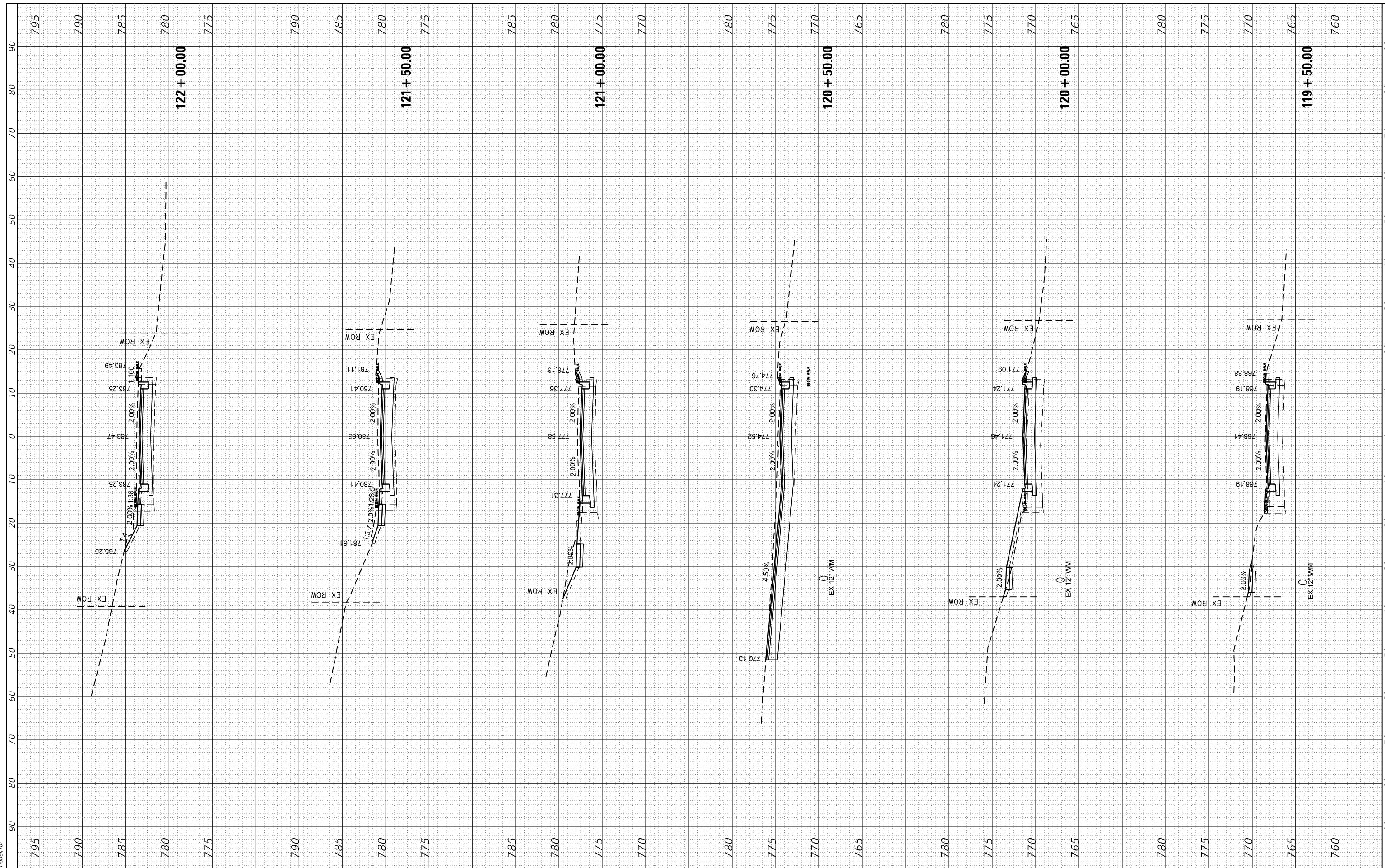
SCALE: 10H:5V SHEET 8 OF 16 SHEETS STA. 117+00.00 TO STA. 119+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	93
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
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 PLOT DRIVER: J:\app\lpcfg
 PEN TABLE: p10.tbl



USER NAME = jstrzal
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 CHECKED -
 DATE -
 PLOT SCALE = 20.0000' / in.
 PLOT DATE = 4/26/2022

DESIGNED - JS
 DRAWN - DMS
 CHECKED -
 DATE -

REVISED - XX/XX/XXXX
 REVISED - XX/XX/XXXX
 REVISED - XX/XX/XXXX
 REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUWANAS TRAIL**

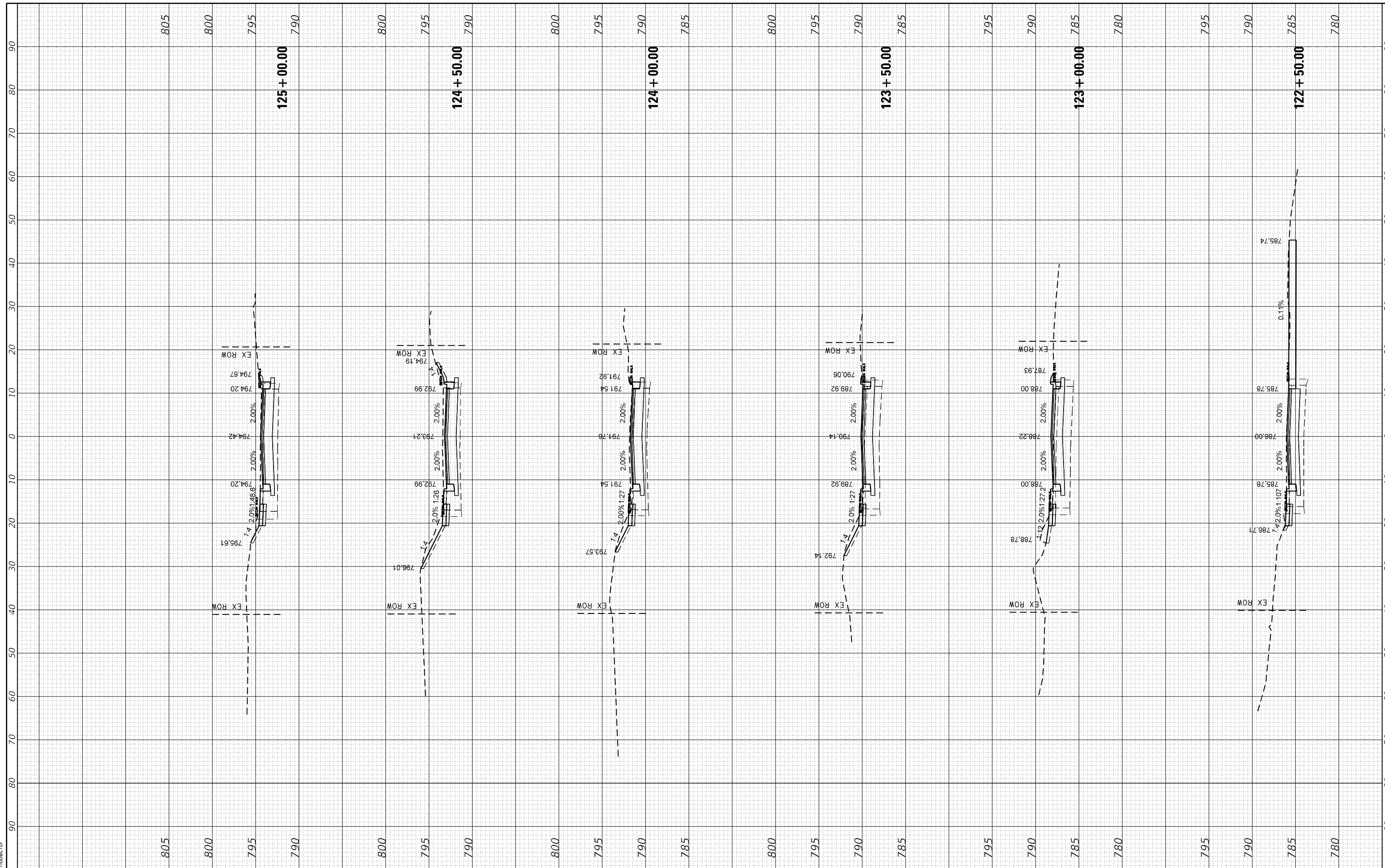
SCALE: 10H:5V SHEET 9 OF 16 SHEETS STA. 119+50.00 TO STA. 122+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	94
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-souwanas.dgn
 PLOT DRIVER: J. Coff. dwgpcr6g
 PEN TABLE: p10.tbl



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USER NAME - jstrzal	DESIGNED - JS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE - 20.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE - 4/26/2022	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUWANAS TRAIL**

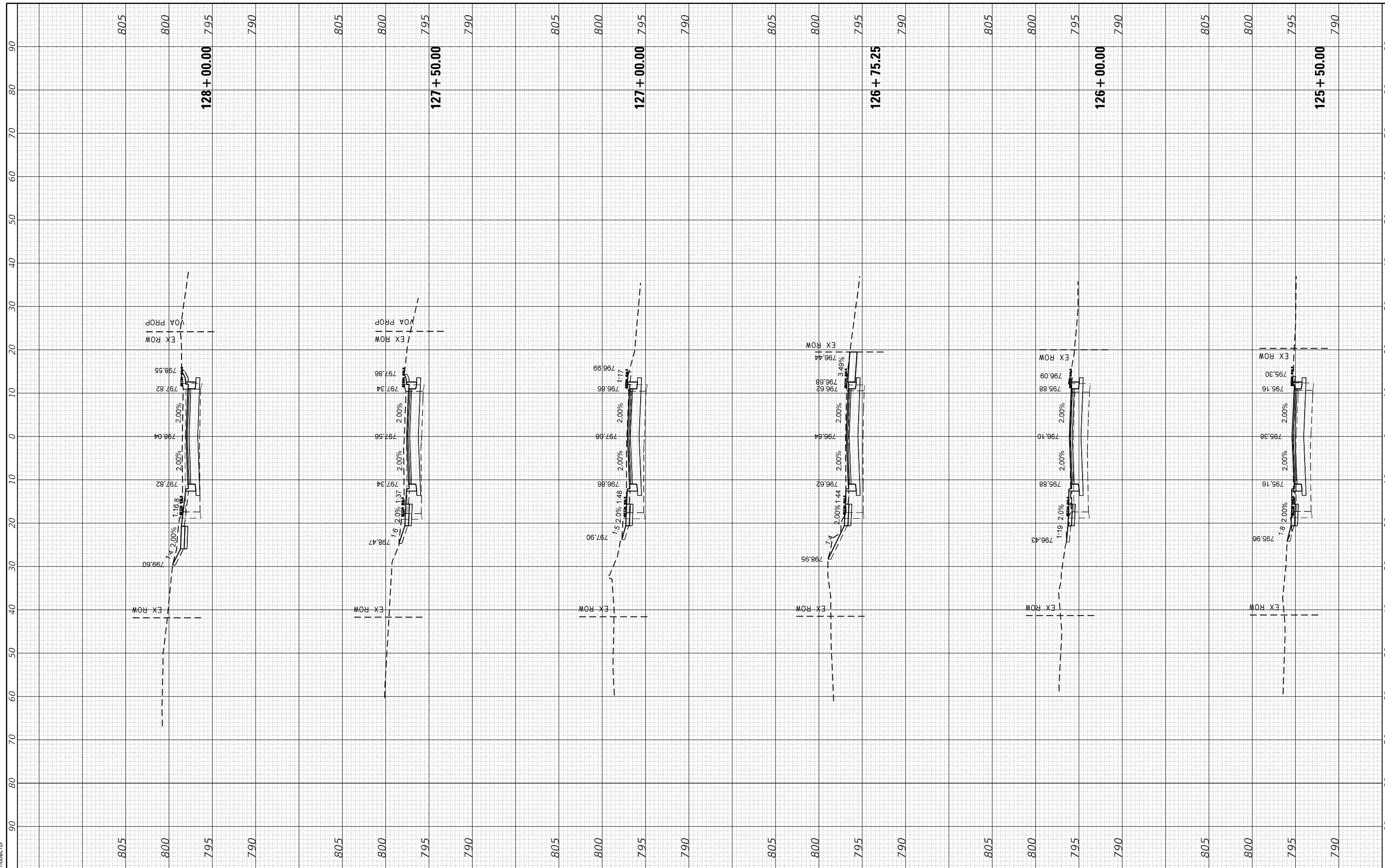
SCALE: 10H:5V SHEET 10 OF 16 SHEETS STA. 122+50.00 TO STA. 125+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	95
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - 17425 - souwanas.dgn
 PLOT DRIVER: J. Coff. dwgplotcsg
 PEN TABLE: p10.tbl



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 Illinois Professional Design Firm
 #184-01322

USER NAME - jstrzal	DESIGNED - JS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE - 20.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE - 4/26/2022	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUWANAS TRAIL**

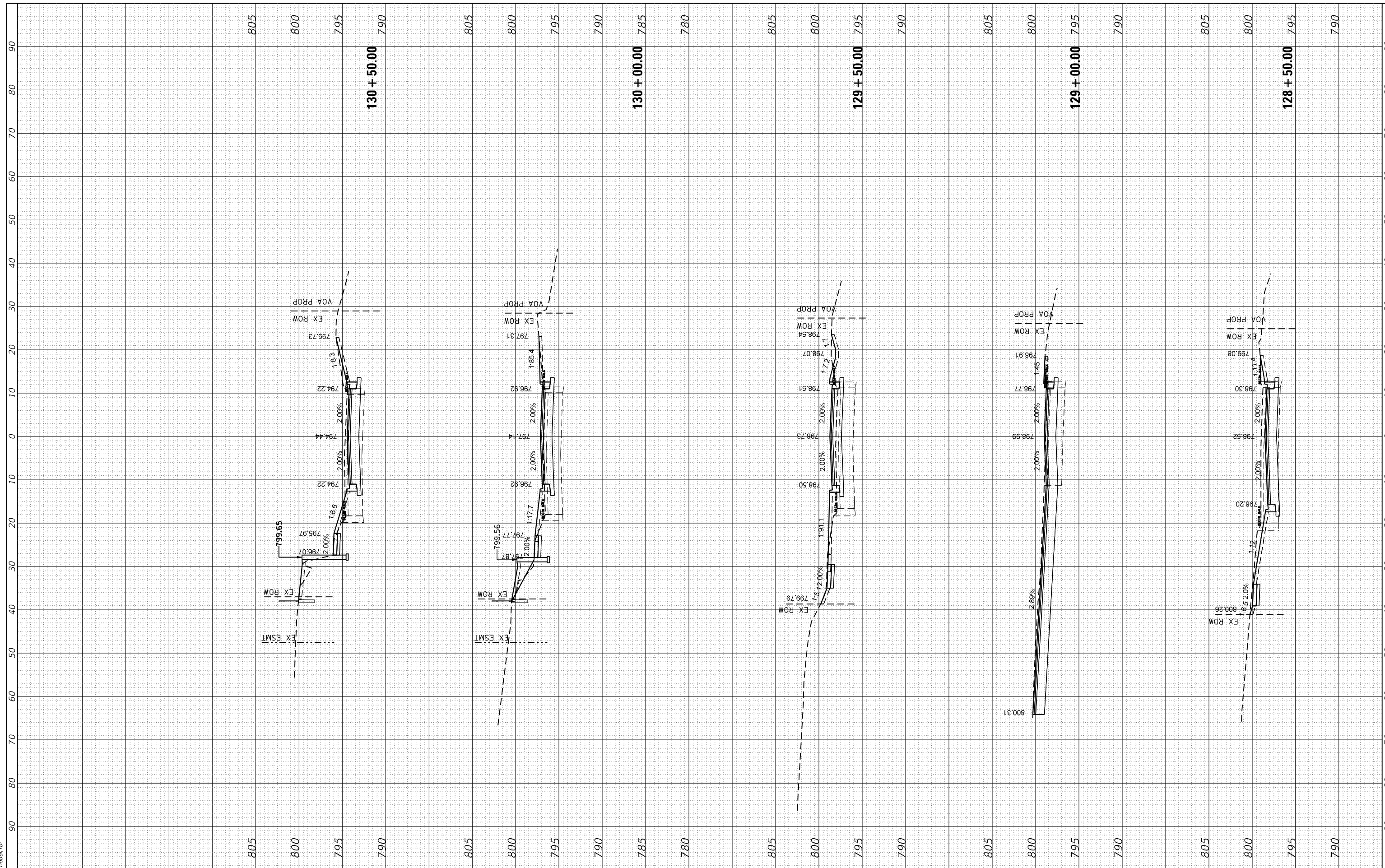
SCALE: 10H:5V SHEET 11 OF 16 SHEETS STA. 125+50.00 TO STA. 128+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	96
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-souwanas.dgn
 PLOT DRIVER: J. Loeffler@hrctg.com
 PEN TABLE: p10.tbl



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 #184-001322

USER NAME	- jstrzal
DESIGNED	- JS
DRAWN	- DMS
CHECKED	-
DATE	-
PLOT SCALE	- 20.0000' / in.
PLOT DATE	- 4/26/2022

REVISED	- XX/XX/XXXX
REVISED	- XX/XX/XXXX
REVISED	- XX/XX/XXXX
REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUWANAS TRAIL**

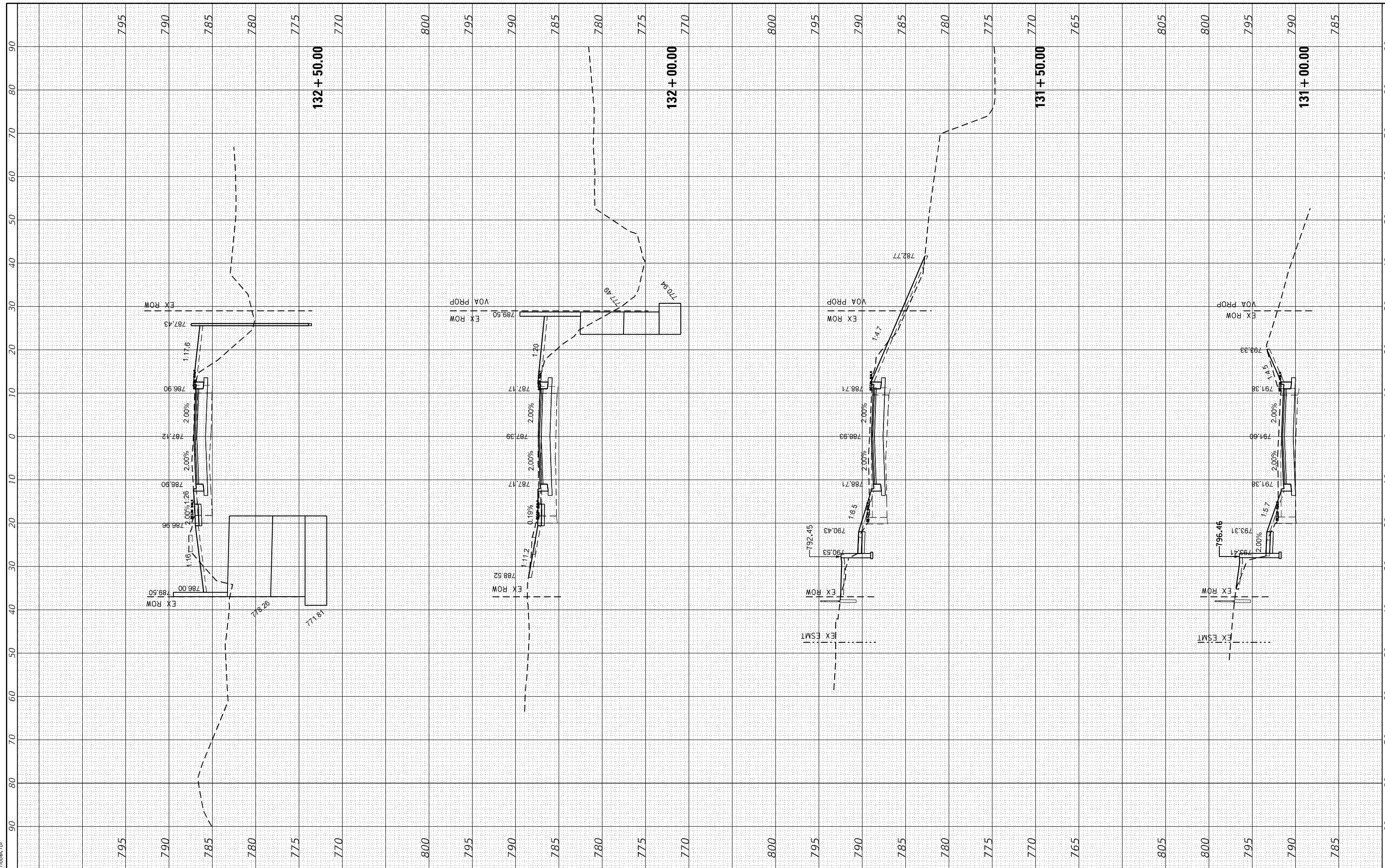
SCALE: 10H:5V SHEET 12 OF 16 SHEETS STA. 128+50.00 TO STA. 130+50.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	97
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-souwanas.dgn
 PLOT DRIVER: J. Coff. dwgpcrctg
 PEN TABLE: p10.tbl



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 #184-001322

USER NAME	- jstrzal
DESIGNED	- JS
DRAWN	- DMS
CHECKED	-
DATE	-
PLOT SCALE	- 20.0000' / in.
PLOT DATE	- 4/26/2022

REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX

DESIGNED	- JS
DRAWN	- DMS
CHECKED	-
DATE	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

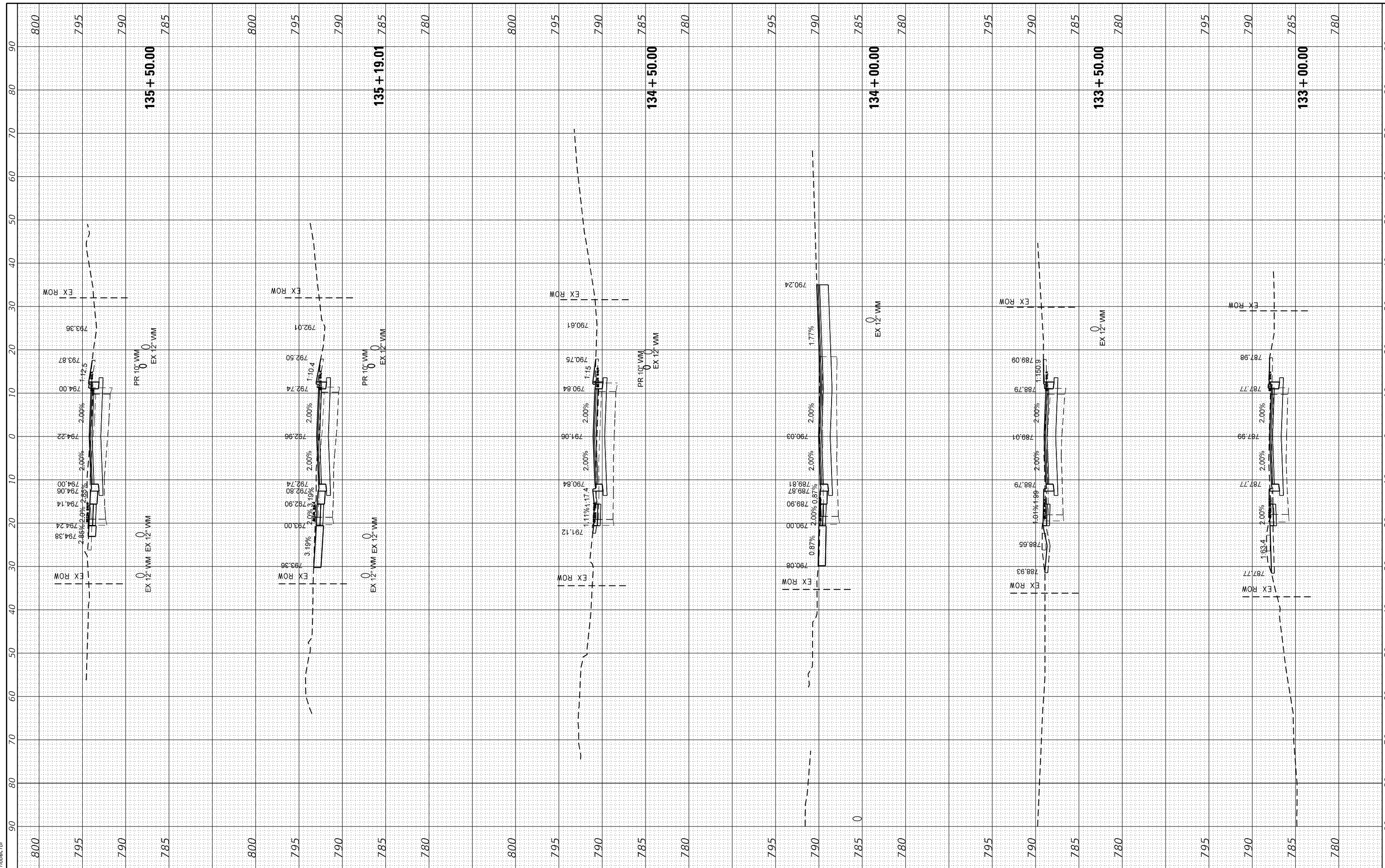
CROSS SECTIONS SOUWANAS TRAIL	
SCALE: 10H:5V	SHEET 13 OF 16 SHEETS
STA. 131+00.00 TO STA. 132+50.00	

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	98
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 61H80				

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - 17425 - souwanas.dgn
 PLOT DRIVER: J. Loff, jlofff@hr.com
 PEN TABLE: p101tbl.tbl



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USER NAME - jstrzal	DESIGNED - JS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE - 20.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE - 4/26/2022	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUWANAS TRAIL**

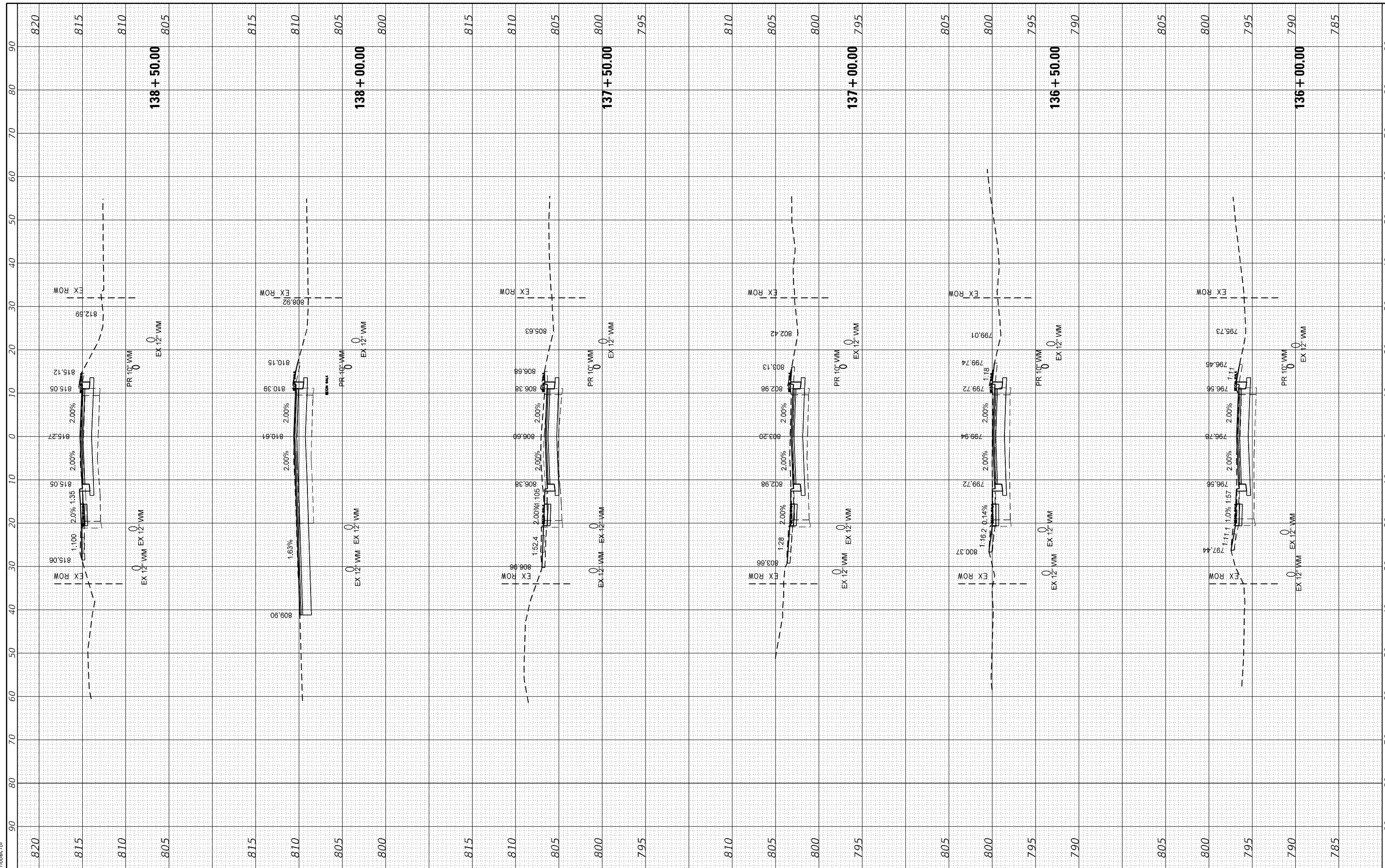
SCALE: 10H:5V SHEET 14 OF 16 SHEETS STA. 133+00.00 TO STA. 135+50.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	99
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - 17425 - souwanas.dgn
 PLOT DRIVER: J. Laff, Dmptcrg
 PEN TABLE: p10/p0tbl.tbl



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 Illinois Professional Design Firm
 #184-01322

USER NAME	- jstrzal
DESIGNED	- JS
DRAWN	- DMS
CHECKED	-
DATE	-
PLOT SCALE	- 20.0000' / in.
PLOT DATE	- 4/26/2022

REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUWANAS TRAIL**

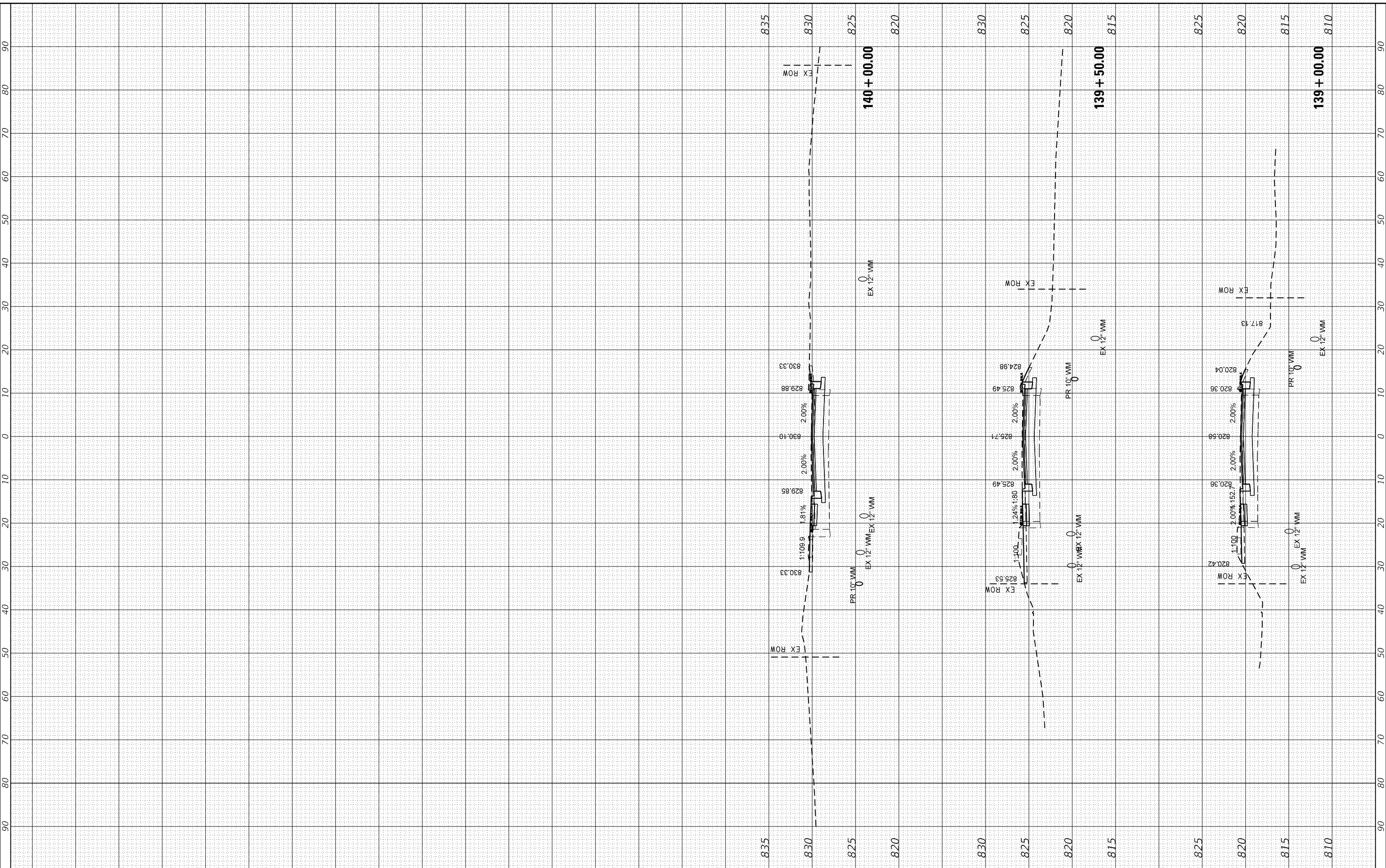
SCALE: 10H:5V SHEET 15 OF 16 SHEETS STA. 136+00.00 TO STA. 138+50.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	100
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 171425
 FILE NAME: 171425 - s-souwanas.dgn
 PLOT DRIVER: J. Loeffler
 PEN TABLE: p1010tbl.tbl



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 Illinois Professional Design Firm
 #184-001322

USER NAME : jstrzal	DESIGNED - JS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE : 20.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE : 4/26/2022	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 SOUWANAS TRAIL

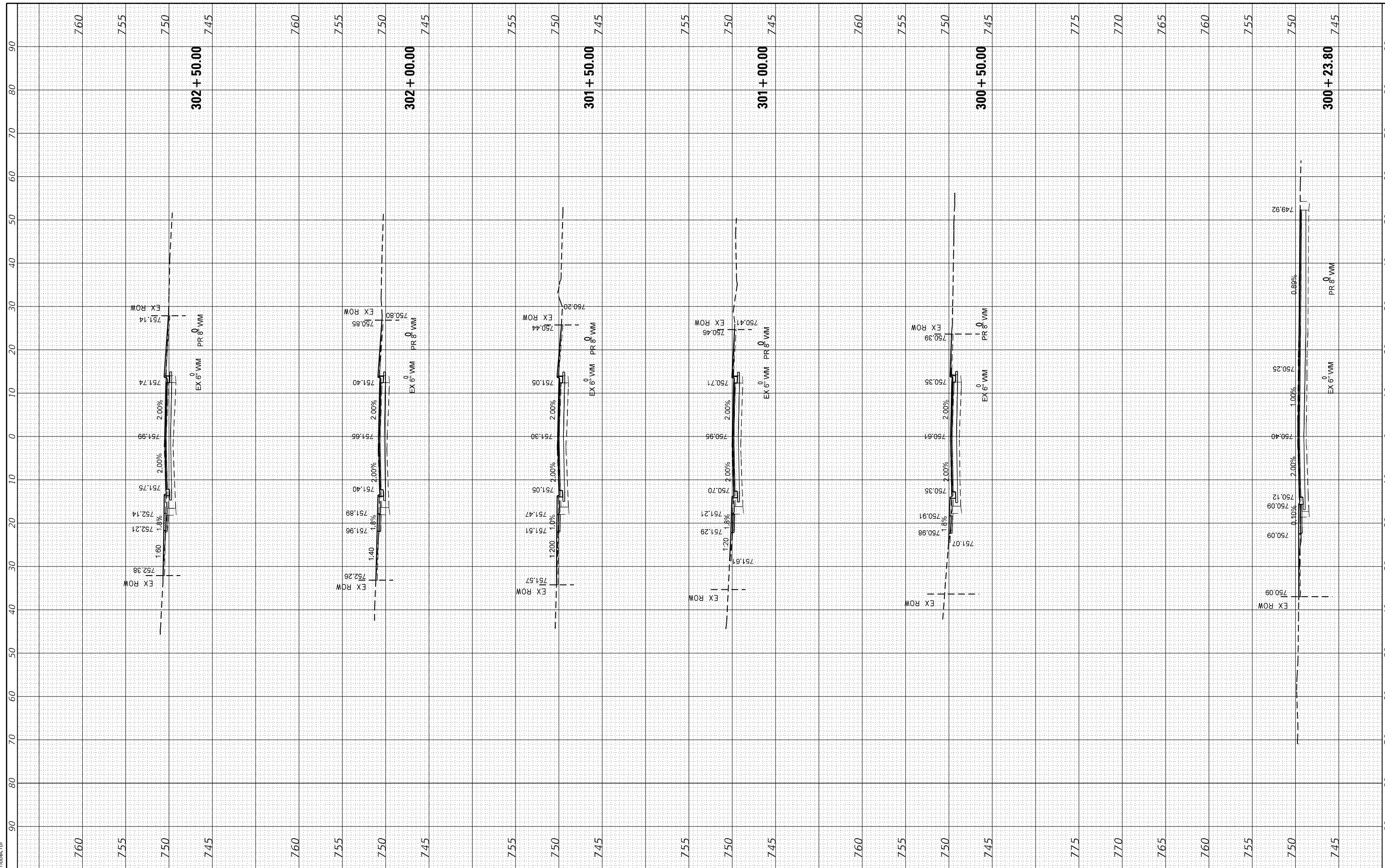
SCALE: 10H:5V SHEET 16 OF 16 SHEETS STA. 139+00.00 TO STA. 140+00.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	101
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-schuetzt.dgn
 PLOT DRIVER: plott.dwg
 PEN TABLE: plot.tbl



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 Illinois Professional Design Firm
 #184-01322

USER NAME	- jstrzal	DESIGNED	- JS	REVISED	- XX/XX/XXXX
		DRAWN	- DMS	REVISED	- XX/XX/XXXX
		CHECKED	-	REVISED	- XX/XX/XXXX
		DATE	-	REVISED	- XX/XX/XXXX
PLOT SCALE	- 20.0000' / in.				
PLOT DATE	- 4/26/2022				

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SCHUETT STREET**

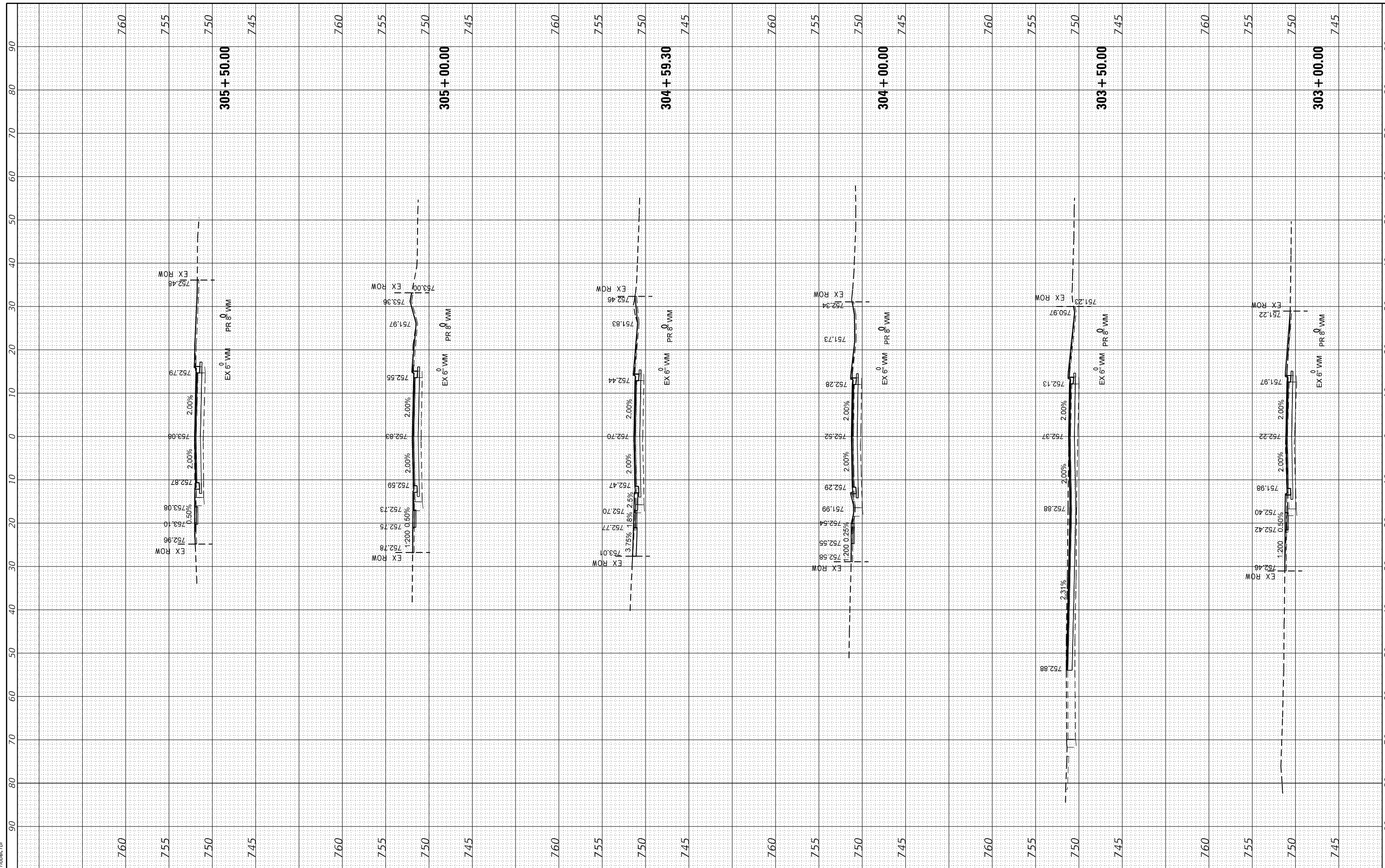
SCALE: 10H:5V SHEET 1 OF 7 SHEETS STA. 300+23.80 TO STA. 302+50.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	102
				CONTRACT NO. 61H80
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-schuetz11.dgn
 PLOT DRIVER: J. Coff. dwgplotcsg
 PEN TABLE: p10.tbl



USER NAME	- jstrzal	DESIGNED	- JS	REVISED	- XX/XX/XXXX
		DRAWN	- DMS	REVISED	- XX/XX/XXXX
PLOT SCALE	- 20.0000' / in.	CHECKED	-	REVISED	- XX/XX/XXXX
PLOT DATE	- 4/26/2022	DATE	-	REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

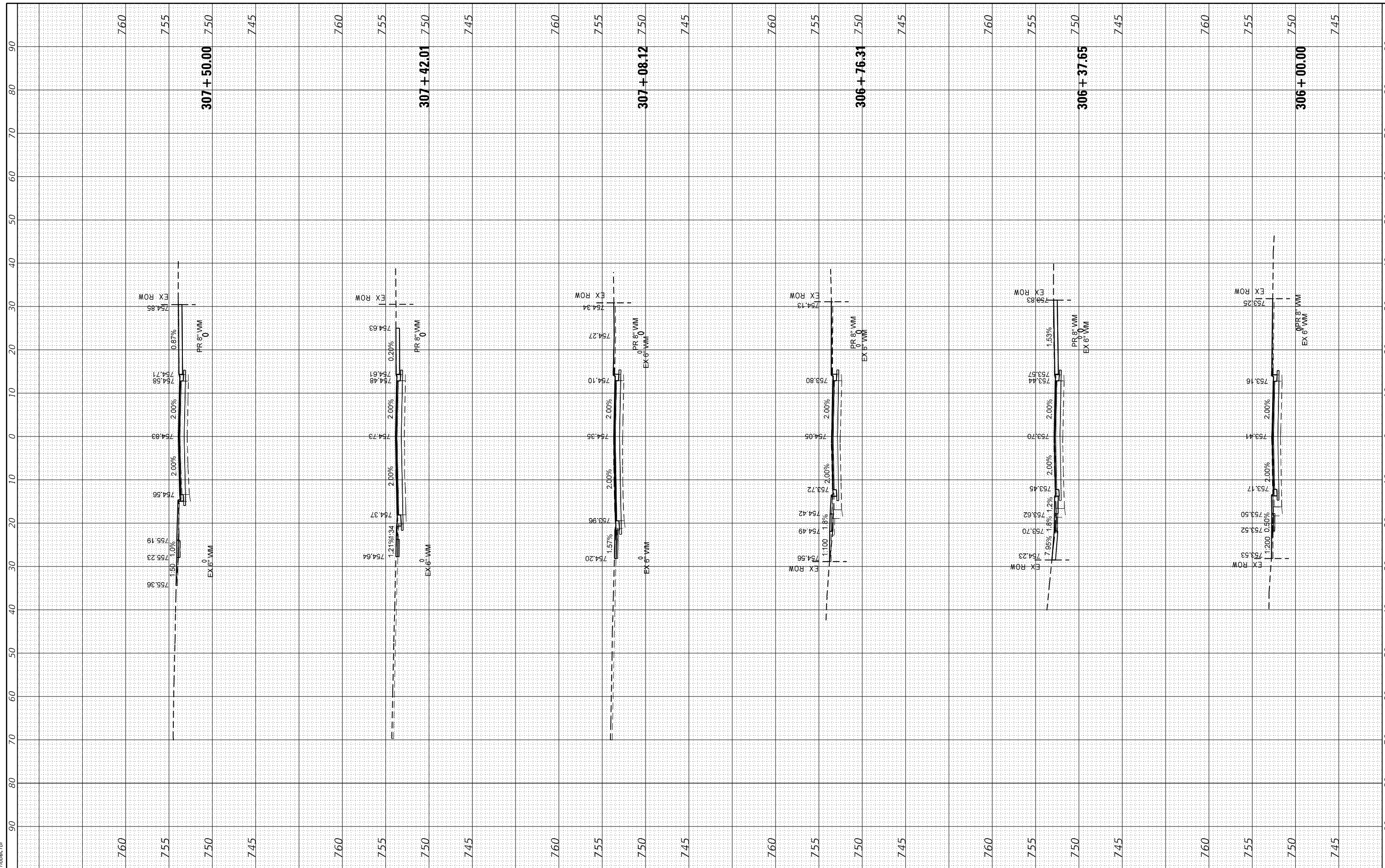
CROSS SECTIONS SCHUETT STREET	
SCALE: 10H:5V	SHEET 2 OF 7 SHEETS
STA. 303+00.00 TO STA. 305+50.00	

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	103
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-schuett.dgn
 PLOT DRIVER: J. Coffey
 PEN TABLE: p10.tbl



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 Illinois Professional Design Firm
 #184-001322

USER NAME	- jstrzal	DESIGNED	- JS	REVISED	- XX/XX/XXXX
		DRAWN	- DMS	REVISED	- XX/XX/XXXX
PLOT SCALE	- 20.0000' / in.	CHECKED	-	REVISED	- XX/XX/XXXX
PLOT DATE	- 4/26/2022	DATE	-	REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SCHUETT STREET**

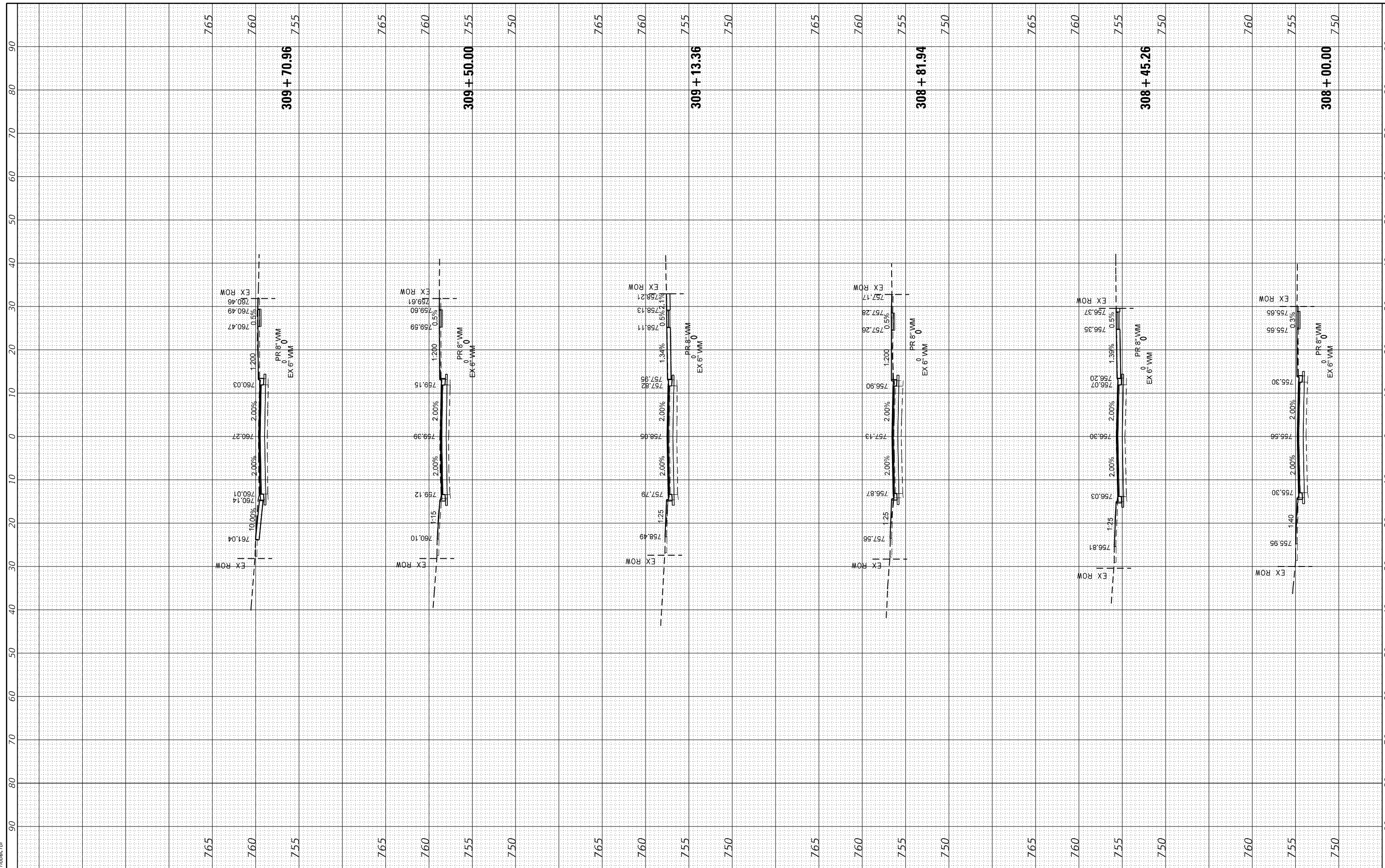
SCALE: 10H:5V SHEET 3 OF 7 SHEETS STA. 306+00.00 TO STA. 307+50.00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	104
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-schuett.dgn
 PLOT DRIVER: J. Coff. dwgplotcsg
 PEN TABLE: p10.tbl



USER NAME	- jstrzal	DESIGNED	- JS	REVISED	- XX/XX/XXXX
		DRAWN	- DMS	REVISED	- XX/XX/XXXX
PLOT SCALE	- 20.0000' / in.	CHECKED	-	REVISED	- XX/XX/XXXX
PLOT DATE	- 4/26/2022	DATE	-	REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
SCHUETT STREET**

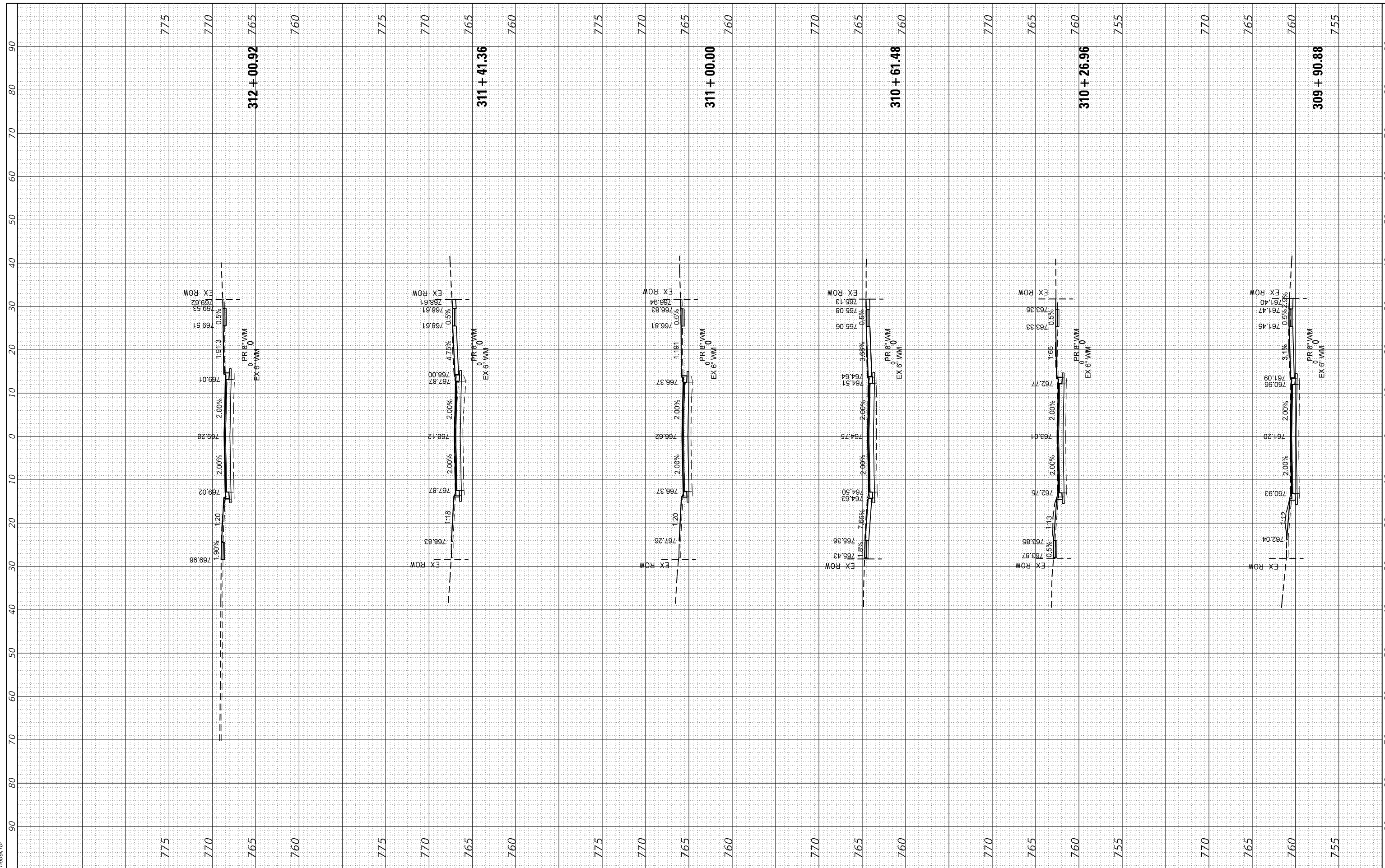
SCALE: 10H:5V SHEET 4 OF 7 SHEETS STA. 308+00.00 TO STA. 309+70.96

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	105
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-schuettt.dgn
 PLOT DRIVER: Lprf.dwt
 PEN TABLE: p10.tbl



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 Illinois Professional Design Firm
 #184-01322

USER NAME	- jstrzal	DESIGNED	- JS	REVISED	- XX/XX/XXXX
		DRAWN	- DMS	REVISED	- XX/XX/XXXX
PLOT SCALE	- 20.0000' / in.	CHECKED	-	REVISED	- XX/XX/XXXX
PLOT DATE	- 4/26/2022	DATE	-	REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SCHUETT STREET**

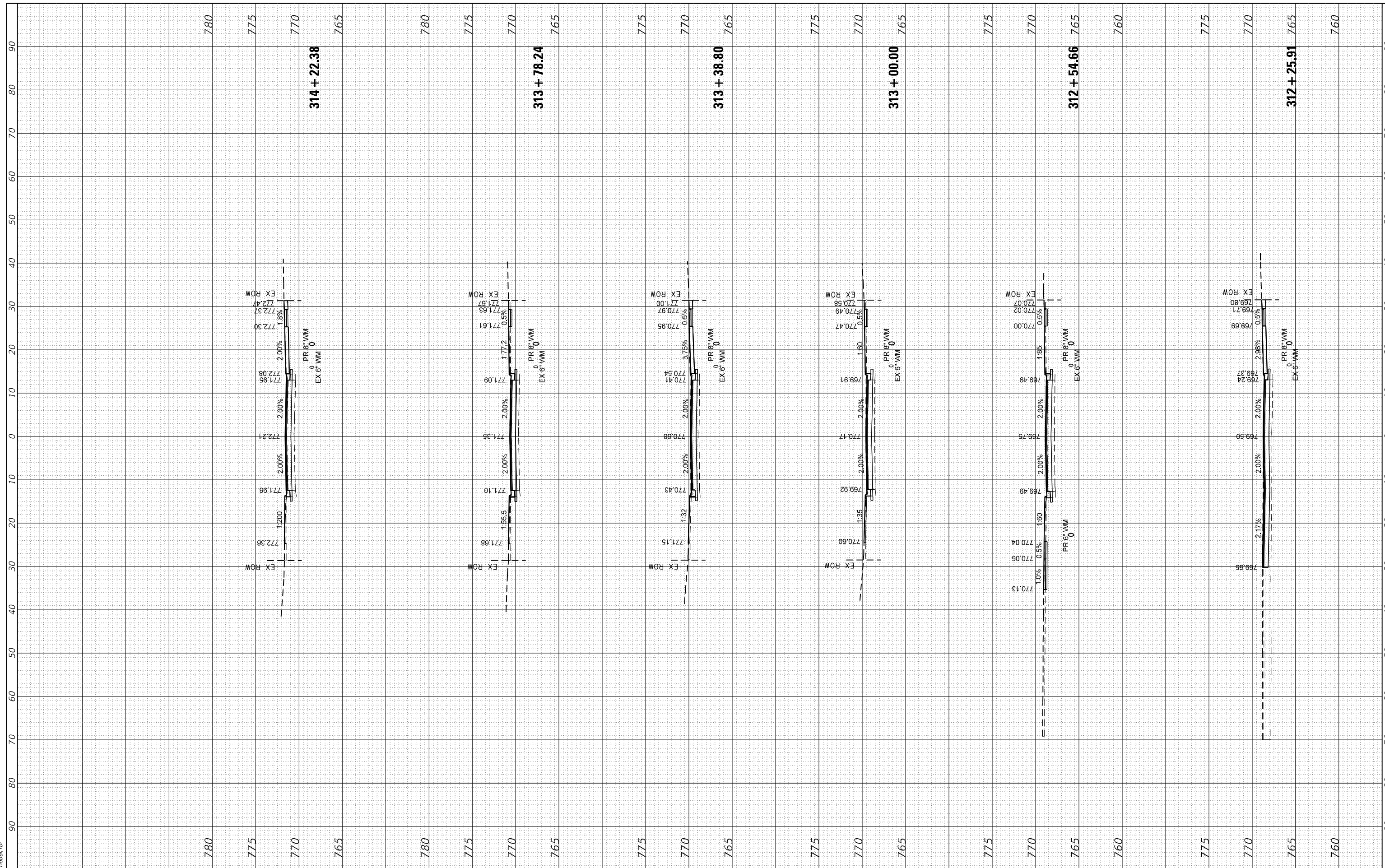
SCALE: 10H:5V SHEET 5 OF 7 SHEETS STA. 309+00.88 TO STA. 312+00.92

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	106
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - s-schuett.dgn
 PLOT DRIVER: J. Coffey
 PEN TABLE: p10.tbl



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 #184-001322

USER NAME	- jstrzal	DESIGNED	- JS	REVISED	- XX/XX/XXXX
		DRAWN	- DMS	REVISED	- XX/XX/XXXX
PLOT SCALE	- 20.0000' / in.	CHECKED	-	REVISED	- XX/XX/XXXX
PLOT DATE	- 4/26/2022	DATE	-	REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SCHUETT STREET**

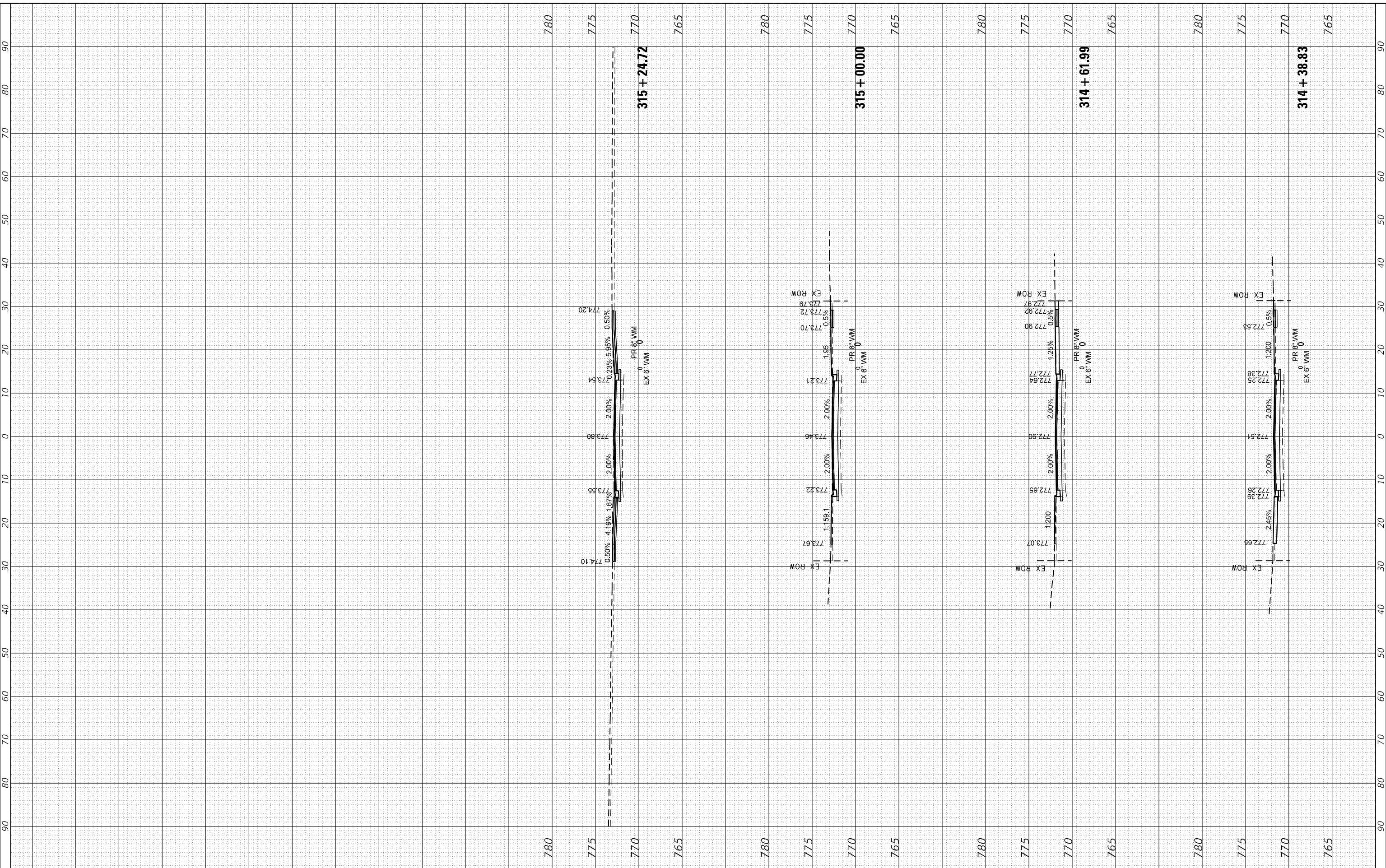
SCALE: 10H:5V SHEET 6 OF 7 SHEETS STA. 312+25.91 TO STA. 314+22.38

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	107
FED. ROAD DIST. NO.			CONTRACT NO. 61H80	
ILLINOIS FED. AID PROJECT				

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

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

HRG PROJECT No: 17425
 FILE NAME: 17425 - xs-schuett.dgn
 PLOT DRIVER: J. Coffey
 PEN TABLE: p10.tbl



USER NAME	- jstrzal	DESIGNED	- JS	REVISED	- XX/XX/XXXX
		DRAWN	- DMS	REVISED	- XX/XX/XXXX
PLOT SCALE	- 20.0000' / in.	CHECKED	-	REVISED	- XX/XX/XXXX
PLOT DATE	- 4/26/2022	DATE	-	REVISED	- XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
SCHUETT STREET**

SCALE: 10H:5V SHEET 7 OF 7 SHEETS STA. 314+38.83 TO STA. 315+24.72

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	17-00092-00-PV	MCHENRY	108	108
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H80	