

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110	TRI-TOWNSHIP PARK EXTENSION		41	1
CITY OF TROY				

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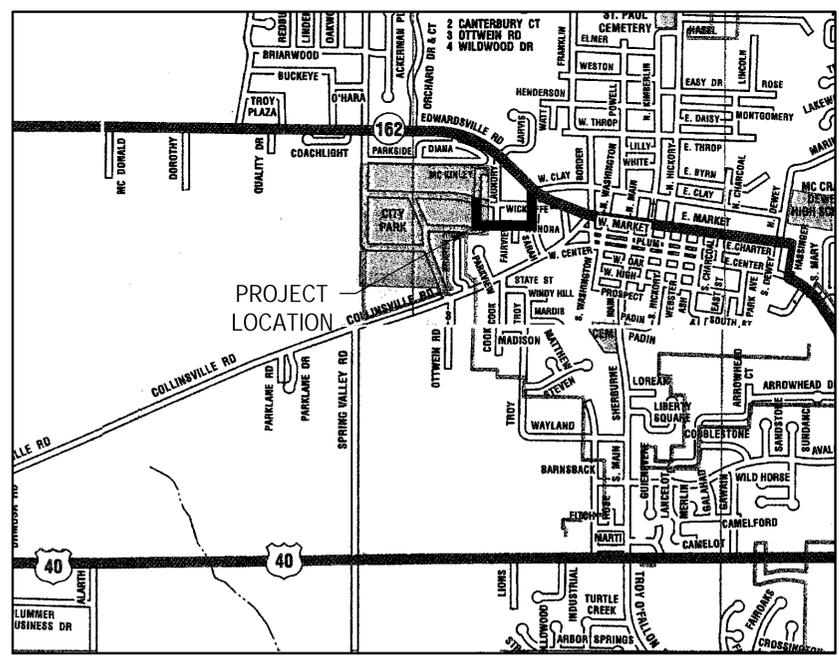
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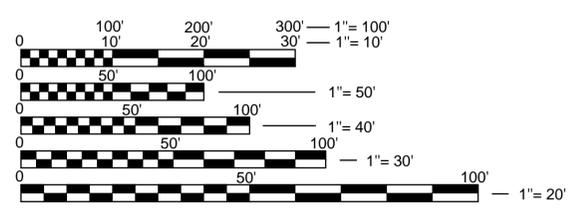
116 E MARKET ST  
TROY, IL 62294

# TRI-TOWNSHIP PARK TRAIL EXTENSION TO U.S. SENATOR PAUL SIMON PARK



**LOCATION MAP**

SCALE: 1" = 1000 FEET  
PROJECT LENGTH = 1,419' (0.2688 MILE)



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

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

**ENGINEERS**



**OATES ASSOCIATES**  
100 Lanter Court, Suite 1  
Collinsville, IL 62234  
618.345.2200  
www.oatesassociates.com  
Collinsville St. Louis Belleville St. Charles  
ILLINOIS DESIGN FIRM LICENSE NO. 184.001115

PROJECT MANAGEMENT & CIVIL ENGINEER:

**OATES ASSOCIATES, INC.**  
EASTPORT BUSINESS CENTER 1  
100 LANTER COURT, SUITE 1  
COLLINSVILLE, ILLINOIS 62234

CONTACT: TOM CISSSELL  
PROJECT MANAGER  
618.636.0074  
tom.cissell@oatesassociates.com



*Thomas L. Cissell*  
THOMAS L. CISSSELL, P.E.

DATE: 12/13/2023

LICENSE EXPIRES: 11 / 30 / 2025

## GENERAL NOTES

### UTILITIES

- EXISTING UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MUST BE CONTACTED DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
- ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. THE COST OF ANY NECESSARY RELOCATIONS SHALL BE INCURRED BY THE OWNER UNLESS NOTED OTHERWISE AND IF PRIOR AGREEMENTS ARE NOT IN PLACE.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E. UNLESS NOTED OTHERWISE.

CITY OF TROY (WATER & SEWER)  
116 EAST MARKET STREET  
TROY, IL 62294  
ROB HANCOCK  
(618)667-9924

AMEREN IP (GAS & ELECTRIC)  
2600 NORTH CENTER STREET  
MARYVILLE, IL 62062  
SAM KASSING  
(618) 972-1965

AT&T (TELEPHONE)  
203 GEOTHE AVE  
COLLINSVILLE, IL 62234  
STEPHEN WILLIS  
(618) 407-5814

CHARTER COMMUNICATIONS  
101 NORTHWEST PLAZA  
ST. ANN, MO 63074  
JORDAN STAAT  
(314)393-3321

CLEARWAVE COMMUNICATIONS  
6719 IL-4  
MASCOUTAH, IL 62258  
(618)841-2083

VERIZON COMMUNICATIONS (TELEPHONE)  
111 EAST STATE STREET  
MASCOUTAH, IL 62258  
(618)566-9815

THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE OWNER AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

### JOINT UTILITY LOCATING INFORMATION FOR EXCAVATIONS PHONE: 800-892-0123

- THE CONTRACTOR SHALL KEEP ALL UTILITIES IN SERVICE DURING CONSTRUCTION OPERATIONS. MEANS & METHODS TO ACCOMPLISH THIS ARE THE CONTRACTOR'S RESPONSIBILITY, BUT SOME EXAMPLES INCLUDE POTHOLING TO AVOID DISRUPTION, SHORING TO LIMIT EXCAVATION, PUMPING TO MAINTAIN FLOW, AND TEMPORARY SUPPORTING TO MAINTAIN STABILITY.
- SHOULD UNCHARTED OR INCORRECTLY CHARTED UTILITIES BE ENCOUNTERED DURING EXCAVATION, THE CONTRACTOR SHALL CONSULT WITH THE UTILITY OWNER AND ENGINEER IMMEDIATELY FOR DIRECTIONS. THE CONTRACTOR SHALL COOPERATE WITH THE SERVICES AND FACILITIES IN OPERATION AND REPAIR DAMAGED UTILITIES TO THE SATISFACTION OF THE UTILITY OWNER. IF THE UTILITY OWNER IS FOUND NOT RESPONSIBLE, THE COST TO REPAIR DAMAGED UTILITIES UNCHARTED OR INCORRECTLY CHARTED WILL BE CONSIDERED AN UNFORESEEN CONDITION AND WILL BE PAID FOR AT AN AGREED UPON PRICE OR ON A TIME AND MATERIAL BASIS.
- ALL EXISTING UTILITY ACCESS COVERS SUCH AS MANHOLES, VALVE BOXES, VAULT COVERS, METER COVERS, AND OTHER SURFACE APPURTENANCES - EVEN IF THERE IS NO SPECIFIC CALLOUT - SHALL BE ADJUSTED TO THE PROPER FINISH GRADE ELEVATION ACCORDING TO THE REQUIREMENTS OF THE AFFECTED UTILITY COMPANY.

## GENERAL REQUIREMENTS

- ALL SITE WORK SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS INCLUDING THE CITY OF TROY'S MUNICIPAL CODE AND WITH THE LATEST EDITION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S, "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND "HIGHWAY STANDARDS", IN SO FAR AS THEY APPLY, EXCEPT THAT ALL REFERENCES TO MEASUREMENT AND PAYMENT SHALL BE DELETED.
- ALL WATER AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF TROY'S MUNICIPAL CODE AND WITH THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", UNLESS OTHERWISE PROVIDED HEREIN.
- IF THERE ARE ANY DISCREPANCIES BETWEEN THESE PLANS, SPECIFICATIONS, OR STANDARDS BY GOVERNING BODIES, THE MOST STRINGENT AND RELEVANT REQUIREMENT SHALL BE BINDING AND APPLICABLE.
- UNLESS OTHERWISE INDICATED, THE COST OF WORK REQUIRED UNDER ANY GENERAL, PLAN, OR KEYED NOTE WILL NOT BE PAID FOR SEPARATELY, BUT IT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR THE VARIOUS ITEMS OF WORK INVOLVED.
- ALL CONSTRUCTION SHALL CONFORM TO THE PLANS AND SPECIFICATIONS. IF THE CONTRACTOR CHOOSES TO MAKE MODIFICATION DURING CONSTRUCTION, EVEN IF THE WORK IS AFFECTED BY OMISSION OR DISCREPANCY, WITHOUT THE APPROVAL OF THE ENGINEER, HE/ SHE IS MAKING SUCH CHANGES AT HIS/ HER OWN RISK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY CHANGES FROM THE APPROVED DOCUMENTS.
- THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION LAYOUT AND MATERIAL TESTING NECESSARY TO COMPLETE THE PROJECT TO THE PLANS AND SPECIFIED TOLERANCES.
- AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS FOR THE OWNER'S RECORDS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, INCLUDING POTHOLING POTENTIAL UTILITY CONFLICTS, PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE CONSTRUCTION SITE FREE OF DEBRIS AT ALL TIMES AND SHALL KEEP DIRT/ MUD OFF ALL PUBLIC STREETS ADJACENT TO THE CONSTRUCTION SITE.

- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE AREA SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED, AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION, EXCEPT AS NOTED OTHERWISE IN THE PLANS. FERTILIZE, SEED, AND MULCH WITHIN THE CONSTRUCTION LIMITS AS PROVIDED IN THE CONTRACT. FERTILIZER, SEEDING, AND MULCH OUTSIDE THESE LIMITS DUE TO CONSTRUCTION ENCROACHMENTS SHALL BE RESTORED TO ITS ORIGINAL CONDITION TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
- IF INDICATED, A PORTION OF THE CONSTRUCTION SITE MAY BE USED AS A STAGING AND CONTRACTOR PARKING AREA. IF SIDEWALKS, LAWNS, DRIVEWAYS, OR ANY OTHER AREA WITHIN OR IN THE HAUL PATH FROM THE STAGING AREA ARE DAMAGED BY THE CONTRACTOR, THEY SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE STORED ON THE PROPOSED CONSTRUCTION SITE AND NOT ON ANY PUBLIC STREET OR RIGHT OF WAY OUTSIDE THE DESIGNATED CONSTRUCTION ZONE.
- THE CONTRACTOR SHALL STAGE ALL WORK TO MAINTAIN INGRESS AND EGRESS TO ALL ADJACENT BUILDINGS AND PROPERTIES AT ALL TIMES DURING CONSTRUCTION. AGGREGATE FOR TEMPORARY ACCESS OR OTHER TEMPORARY ELEMENTS MAY BE REQUIRED TO ACCOMPLISH REQUIREMENT.
- THE CONTRACTOR SHALL PROVIDE A PORTABLE RESTROOM FACILITY WITHIN THE CONSTRUCTION LIMITS. ADJACENT BUILDING RESTROOMS ARE NOT AVAILABLE FOR USE.
- THE CONTRACTOR SHALL PROVIDE THE NECESSARY SIGNS AND BARRICADES AT THE PROJECT ENTRANCES TO PREVENT PUBLIC ENTRY. ALL MATERIAL PILES, EQUIPMENT, OPEN EXCAVATIONS OR THEIR OBSTRUCTIONS, OR HAZARDS TO MOTORISTS OR PEDESTRIANS SHALL BE ENCLOSED BY FENCES OR PROTECTED BY BARRICADES. BARRIER SHALL BE EITHER 4' TALL SNOW FENCE WITH T-POSTS SPACED ON 5' CENTERS, CHAIN LINK FENCE ON STANDS, OR OTHER PRE-APPROVED METHODS. CAUTION TAPE IS NOT CONSIDERED ADEQUATE TO PROTECT EXCAVATIONS.
- THE CONTRACTOR SHALL PROVIDE A STABILIZED CONSTRUCTION ENTRANCE AND INSTALL OTHER EROSION CONTROL ITEMS AS SHOWN ON THE "EROSION CONTROL PLANS" AND AS DIRECTED BY THE ENGINEER. TO CONTROL SITE RUNOFF, THE ENGINEER MAY REQUEST EROSION CONTROL ITEMS NOT SHOWN ON THE PLANS AT NO ADDITIONAL COST TO THE CONTRACT.
- THE UNITED STATES ACCESS BOARD AND THE ILLINOIS ACCESSIBILITY CODE SHALL GOVERN ALL ACCESS ROUTE IMPROVEMENTS.

### REMOVALS

- THE CONTRACTOR SHALL INSPECT AND ACCEPT THE SITE CONDITIONS PRIOR TO MOBILIZATION. DOCUMENTATION FOR ANY CONCERNS SHALL BE PROVIDED TO OWNER IN WRITING AND WITH PHOTOGRAPHS PRIOR TO MOBILIZATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED EXISTING FEATURES TO REMAIN THAT WERE NOT ADDRESSED BEFORE THE CONTRACTOR ASSUMED THE SITE FROM THE OWNER.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL EXISTING FEATURES SUCH AS SIGNS, PAVEMENT, CURB, AND TREES FROM DAMAGE. IF ANY FEATURE TO REMAIN IS DAMAGED, IT SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. IF ANY PROPERTY MARKER IS TO REMAIN AND IS DAMAGED, IT SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AS DIRECTED BY THE ENGINEER OR OWNER.
- THE CONTRACTOR SHALL REMOVE ALL EXISTING FEATURES INCLUDING BUT NOT LIMITED TO PAVEMENT, CURB, SIDEWALK, DRIVEWAY PAVEMENT, CULVERTS, HEADWALLS, RIPRAP, FENCING, AND RETAINING WALLS WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION UNLESS NOTED OTHERWISE ON THE PLANS. ALL FEATURES WHICH ARE TO BE REMOVED AND FOR WHICH THERE IS NOT A SPECIFIC CALLOUT, WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.
- THE CONTRACTOR SHALL PROTECT EXISTING TREES TO REMAIN AND AVOID COMPACTING THE AREA UNDER THE TREE'S DRIPLINE. IF TREE ROOTS ARE ENCOUNTERED, THEY SHALL BE SAWN OFF AT THE EDGE OF THE EXCAVATION RATHER THAN RIPPED WITH EQUIPMENT.
- ANY EXCESS EARTH EXCAVATION SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED.
- FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM INVOLVED ACCORDING TO SECTION 440 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- ALL PAVEMENT REMOVAL SHALL BE REMOVED TO THE NEAREST EXISTING JOINT LOCATION. NO PARTIAL SLAB REMOVALS WILL BE ALLOWED UNLESS APPROVED IN ADVANCE BY THE ENGINEER.
- THE CONTRACTOR SHALL REMOVE, MAINTAIN IN A TEMPORARY LOCATION, AND PERMANENTLY RESET ALL MAILBOXES, TRAFFIC SIGNS, STREET NAME SIGNS, AND ALL PRIVATE AND COMMERCIAL SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS ACCORDING TO ARTICLES 107.20 AND 107.25 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL REMOVE TRAFFIC SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND RE-ERECT THEM AT TEMPORARY LOCATIONS TO SAFELY MAINTAIN TRAFFIC CONTROL THROUGHOUT THE CONSTRUCTION PERIOD. AS SOON AS CONSTRUCTION OPERATIONS ALLOW, ALL TRAFFIC SIGNS SHALL BE PERMANENTLY LOCATED.
- WHERE TREE REMOVAL CONFLICTS WITH EXISTING UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CUT THE TREE OFF AT THE GROUND LINE AND GRIND THE STUMP AS DIRECTED BY THE ENGINEER. THIS SHALL INCLUDE COMPLETELY REMOVING TREES AND ROOTS UNDER PAVED SURFACES.
- ANY UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND REPLACED WITH SUITABLE MATERIAL AS APPROVED BY THE ENGINEER. UNLESS NOTED OTHERWISE IN THE PLANS, THE COST TO REMOVE AND REPLACE UNSUITABLE MATERIAL WILL BE CONSIDERED AN UNFORESEEN CONDITION AND WILL BE PAID FOR AT AN AGREED UPON PRICE OR ON A TIME AND MATERIAL BASIS.

FILE NAME = 15082.003 - COVER SHEET & GENERAL NOTES.DWG



USER NAME =	ANDREA MENSE	DESIGNED -	ARM	REVISED -	
		DRAWN -	ARM	REVISED -	
PLOT SCALE =	1' = 1'	CHECKED -	TLC	REVISED -	
PLOT DATE =	2023-02-07	DATE -	2023-02-07	REVISED -	

**CITY OF TROY**  
116 EAST MARKET STREET  
TROY, ILLINOIS 62294

### GENERAL NOTES

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	2
TRI-TOWNSHIP PARK TRAIL EXTENSION				
CITY OF TROY, IL				
SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	

**EARTHWORK & GRADING**

- EARTH EXCAVATION INCLUDES THE REMOVAL OF THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE AND AGGREGATE BASE. THE CONTRACTOR MAY INCORPORATE THESE MATERIALS INTO THE PROPOSED EMBANKMENT. SURPLUS AND/OR UNSUITABLE MATERIAL SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." THIS WORK IS INCLUDED IN THE CONTRACT PRICE FOR EARTH EXCAVATION.
- PRIOR TO STARTING EARTHWORK OPERATIONS IN AREAS THAT DO NOT REQUIRE EXCAVATION, THE EXISTING BITUMINOUS (OIL & CHIP) ROADWAY SURFACE TO BE REMOVED SHALL BE SCARIFIED OR BROKEN BY MECHANICAL MEANS, REDUCING ALL PARTICLES TO A SIZE NOT LARGER THAN 3 INCHES IN THE LARGEST DIMENSION.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER DURING SUBGRADE PREPARATION AND PRIOR TO SOIL MODIFICATION TO DETERMINE THE NECESSITY OF THE PROPOSED SUBGRADE IMPROVEMENT. IF THE SUBGRADE IS FOUND TO REQUIRE OR NOT TO REQUIRE REMEDIAL PROCEDURES, SOIL MODIFICATION AND MODIFIER MAY BE ADDED OR DELETED BY CONTRACT MODIFICATION.
- PRIOR TO COMPACTION AND THE PLACEMENT OF PAVEMENT BASE COURSE LAYERS, THE CONTRACTOR SHALL PREPARE A DRY, STABLE SUBGRADE BY DISKING OR OTHERWISE AERATING THE SOIL. WHEN AIR DRYING IS NOT FEASIBLE, THE CONTRACTOR MAY USE A MOISTURE REDUCING CHEMICAL ADDITIVE SUCH AS HYDRATED LIME TO ADJUST THE MOISTURE IN THE SOIL AT NO ADDITIONAL COST TO THE CONTRACT.
- AT THE BEGINNING OF CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL STRIP THE TOP 6" OF EXISTING LAWN AREAS TO SALVAGE EXISTING, CLEAN TOPSOIL FOR USE DURING FINAL GRADING AND LAWN RESTORATION. THE CONTRACTOR SHALL STOCKPILE THE TOPSOIL AS INDICATED ON THE PLANS OR AT AN AGREED UPON LOCATION.
- TOPSOIL SHALL BE SPREAD EVENLY (4" MIN.) OVER ALL THE LAWN AREAS WITHIN THE SITE TO MEET THE FINAL GRADE PRIOR TO CONCLUDING EARTHWORK OPERATIONS. TOPSOIL MAY CONSIST OF SALVAGED TOPSOIL, EXISTING TOPSOIL AMENDED WITH 2" OF IMPORTED COMPOST, AND/OR BE IMPORTED FROM PRE-APPROVED SOURCES AS NEEDED FOR SUPPLEMENTATION.
- FOR LAWN AREAS, SEED SHALL CONSIST OF JAGUAR FESCUE APPLIED AT A RATE OF 10# PER 1,000 S.F. FERTILIZER SHALL BE APPLIED AT A RATE OF 1:1:1 AT 6# OF NUTRIENT PER 1,000-S.F. STRAW MULCH SHALL BE BROADCAST OVER ALL AREAS THAT ARE SEEDED. MULCH SHALL BE APPLIED AT A RATE OF 2 TONS PER ACRE AND CRIMPED TO THE EARTH FOR STABILIZATION.
- FOR MULCH BEDS IN LANDSCAPE AREA, MULCH SHALL BE TRIPLE SHREDDED HARDWOOD MULCH, 4" THICK.
- FINAL PAYMENT ON RETAINAGE WILL NOT BE MADE UNTIL THE LAWN HAS ESTABLISHED TO A 95% LEVEL WITH NO INDIVIDUAL BARE SPOTS LARGER THAN 6"x6" IN SIZE AFTER ONE GROWING SEASON (APRIL TO MAY OR SEPTEMBER TO OCTOBER).
- DURING GRADING OPERATIONS, THE SURFACE SHALL BE SMOOTH AND NOT BE LEFT TO IMPOUND WATER IF THERE MAY BE RAIN PRIOR TO THE NEXT WORKING DAY. IF THE SURFACE IS FINISHED SMOOTH FOR ANY REASON, IT SHALL BE SCARIFIED BEFORE PROCEEDING WITH THE PLACEMENT OF SUCCEEDING EARTH LIFTS.
- DEWATERING OF EXCAVATION AREAS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION FROM NEW AREAS TO ADJACENT, EXISTING AREAS AS NECESSARY.

**PAVING & PAVEMENT MARKING**

- THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURES ARE PLACED.
- PAVEMENT MARKING LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. PROPOSED PAVEMENT MARKINGS MAY BE ADJUSTED BY THE CONTRACTOR, AS APPROVED BY THE ENGINEER, TO MATCH FIELD CONDITIONS.
- ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARDS AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD). ALL PAVEMENT MARKINGS SHALL BE WHITE, EXCEPT BIKE PATH CENTERLINES AND HANDICAP PARKING STALLS, WHICH SHALL BE YELLOW.

**DRAINAGE**

- TO PROVIDE A FULLY FUNCTIONAL PROJECT, THE CONTRACTOR SHALL MAKE WATERTIGHT CONNECTIONS AND MAKE NECESSARY ADJUSTMENTS TO EXISTING DRAINAGE STRUCTURES AS PART OF THE WORK. CONNECTIONS TO EXISTING DRAINAGE STRUCTURES SHALL CONSIST OF CONCRETE COLLARS.
- STORM SEWER INVERTS SHOWN ON THE PLANS ARE AT THE CENTER OF THE STRUCTURE. THE STORM SEWER SLOPES SHOWN ON THE PLANS ARE THE PERCENT GRADE FROM CENTER TO CENTER OF STRUCTURE. THE LENGTH OF STORM SEWERS SHOWN ON THE PLANS IS THE DISTANCE FROM INSIDE WALL TO INSIDE WALL OF STRUCTURE OR TO PIPE CONNECTION END OF THE FLARED END SECTION.
- THE OFFSETS TO ALL INLETS, MANHOLES, AND STRUCTURES ARE GIVEN TO THE CENTER OF THE OPENING AT THE BASE OF THE FRAME AND GRATE OR LID. CONCENTRIC DRAINAGE STRUCTURES WERE ASSUMED WHEN PLACING THESE ELEMENTS ON THE PLANS.
- STORM SEWERS AND CULVERTS MAY HAVE MINIMAL DEPTH BELOW THE SOIL SUBGRADE LAYER. THE CONTRACTOR SHALL TAKE WHATEVER PRECAUTIONS ARE NECESSARY TO PROTECT THE PIPES FROM DAMAGE DURING HAULING AND/ OR DURING THE SOIL MODIFICATION OR CONDITIONING PROCESS. IF THE PIPES ARE DAMAGED, THEY SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ALL DRAINAGE STRUCTURES CONSTRUCTED, ADJUSTED, OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS OR FOREIGN MATTER AT THE END OF EACH WORKING DAY AND AT THE TIME OF FINAL INSPECTION. THE EXISTING STRUCTURE ONE REACH IMMEDIATELY DOWNSTREAM SHALL ALSO BE CLEANED.
- FOR SEWERS WITH A DESIGN GRADE OF LESS THAN ONE PERCENT (1%), FIELD VERIFICATION OF THE STORM SEWER GRADE WILL BE REQUIRED FOR EACH INSTALLED REACH OF SEWER PRIOR TO ANY SURFACE RESTORATION OR INSTALLATION OF ANY SURFACE IMPROVEMENTS. VERIFICATION SHALL BE BY VISUAL INSPECTION, LASER LEVEL, OR FIELD SURVEY TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- MANHOLES AND DRAINAGE STRUCTURES MAY BE ADJUSTED WITH GRADE RINGS FOR ADJUSTMENTS UP TO TWELVE (12) INCHES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ADJUSTMENTS REQUIRED TO MATCH FINISHED GRADE.
- ALL PIPE TRENCHES UNDER AND WITHIN 2 FEET OF PAVED AREAS SHALL BE BACKFILLED TO FINAL GRADE WITH COARSE AGGREGATE, GRADATION CA 6.
- A MINIMUM 10-FOOT HORIZONTAL AND 18-INCH VERTICAL SEPARATION SHALL BE MAINTAINED BETWEEN ALL WATER AND SEWER MAINS. WHERE PHYSICAL CONSTRAINTS PREVENT THIS REQUIREMENT FROM BEING MET, ALTERNATIVE METHODS FOR PREVENTING CROSS-CONTAMINATION BETWEEN THE SEWER AND WATER MAIN SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS AND AS APPROVED BY THE ENGINEER.

**EROSION CONTROL**

- AN INDEPENDENT IEPA NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER PERMIT IS NOT REQUIRED FOR THIS PROJECT BECAUSE THE DISTURBED AREA IS LESS THAN ONE ACRE. THE CONTRACTOR SHALL CONFORM TO THE IEPA'S EXISTING GENERAL STORM WATER PERMIT FOR SMALL MUNICIPAL SEPARATE STROM SEWER SYSTEMS (MS4). EROSION AND SEDIMENT CONTROL ITEMS ARE SHOWN ON THE PLANS AND SHALL BE CONSTRUCTED ACCORDING TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SILTATION CONTROL, AS NEEDED, TO PREVENT SILTATION OF OFF SITE PROPERTIES, UNTIL THE VEGETATION IN ALL DISTURBED AREAS HAS BEEN ESTABLISHED (75% COVERAGE OR MORE), AT WHICH TIME HE/SHE SHALL BE RESPONSIBLE FOR REMOVAL OF ALL TEMPORARY SILTATION CONTROL AND REPAIR OF ANY ERODED AREAS. EROSION CONTROL MEASURES SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH APPLICABLE PLAN DETAILS AND THE ILLINOIS URBAN MANUAL. NO CONSTRUCTION ACTIVITIES SHALL BE PERFORMED UNTIL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED ON AND ADJACENT TO THE PROJECT SITE.
- THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES BY WATERING OR USING SLURRY MATERIALS DUE TO THE PROXIMITY OF ADJACENT BUILDINGS. THE CONTRACTOR SHALL WATER THE SITE FREQUENTLY AS NEEDED AND IF DIRECTED BY THE ENGINEER.
- DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, SILT WEDGES, OR OTHER PRE-APPROVED MATERIALS. HAY BALES SHALL NOT BE PERMITTED.
- THE CONTRACTOR SHALL PROVIDE A STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE DETAIL IN THE PLANS

**ROAD CLOSURE**

THE CONTRACTOR SHALL MAINTAIN ACCESS FOR RESIDENTS ON WYNONA STREET AND FAIRVIEW DRIVE. THE CITY WILL PERMIT A TEMPORARY CLOSURE FOR RECONSTRUCTION OPERATIONS. ALL ROAD CLOSURES MUST BE APPROVED IN ADVANCE BY THE CITY OF TROY. THE CONTRACTOR SHALL NOTIFY THE CITY OF TROY FIRE AND POLICE DEPARTMENTS ALONG WITH THE POST OFFICE AT LEAST 48 HOURS PRIOR TO ENACTING ANY ROAD CLOSURES.

CITY OF TROY FIRE DEPARTMENT  
116 W CLAY ST  
TROY, IL 62294  
(618)667-6721

CITY OF TROY POLICE DEPARTMENT  
116 EAST MARKET ST  
TROY, IL 62294  
(618)667-6731

THE CITY OF TROY  
116 EAST MARKET ST  
TROY, IL 62294  
(618)667-9924

UNITED STATES POSTAL OFFICE  
515 EDWARDSVILLE RD  
TROY, IL 62294  
(618)667-6421

FILE NAME = 15082.003 - COVER SHEET & GENERAL NOTES.DWG



**OATES ASSOCIATES**  
www.oatesassociates.com  
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	ANDREA MENSE	DESIGNED -	ARM	REVISED -	
		DRAWN -	ARM	REVISED -	
PLOT SCALE =	1' = 1'	CHECKED -	TLC	REVISED -	
PLOT DATE =	2023-02-07	DATE -	2023-02-07	REVISED -	

**CITY OF TROY**  
116 EAST MARKET STREET  
TROY, ILLINOIS 62294

GENERAL NOTES	
SCALE:	SHEET NO. 2 OF 2 SHEETS
STA.	TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	3
TRI-TOWNSHIP PARK TRAIL EXTENSION CITY OF TROY, IL				

### ABBREVIATIONS

AD	ALGEBRAIC DIFFERENCE IN GRADE
ADJ	ADJACENT
AGG	AGGREGATE
AI	AREA INLET
ALT	ALTERNATE
BC	BACK OF CURB
BIT	BITUMINOUS
BLDG	BUILDING
BLRD	BOLLARD
BM	BENCHMARK
BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION
BVCS	BEGINNING OF VERTICAL CURVE STATION
BW	BOTTOM OF WALL
CATV	CABLE TELEVISION
CB	CATCH BASIN
CJ	CURB INLET
CJ	CONTROL JOINT
CL	CENTERLINE
CLF	CHAIN LINK FENCE
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY BLOCK
CO	CLEANOUT
COM	COMMUNICATIONS
CONC	CONCRETE
CONST	CONSTRUCTION
CP	CONTROL POINT
CTR	CENTER
CY	CUBIC YARD

DIA	DIAMETER
DND	DO NOT DISTURB
DS	DOWN SPOUT
DTL	DETAIL
E	EAST
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC
ENGR	ENGINEER
EOP	EDGE OF PAVEMENT
EQ	EQUAL
ESMT	EASEMENT
ETR	EXISTING TO REMAIN
EVCE	END OF VERTICAL CURVE ELEVATION
EVCS	END OF VERTICAL CURVE STATION
EX	EXISTING
EXP	EXPANSION
FES	FLARED END SECTION
FF	FINISHED FLOOR
FL	FLOW LINE
FO	FIBER OPTIC
FT	FEET
FV	FIELD VERIFY
GI	GRATE INLET
GND	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
HMA	HOT-MIX-ASPHALT
HT	HEIGHT
HVAC	HEATING/ VENTILATION/AIR CONDITIONING
ID	INSIDE DIAMETER

IN	INCHES
INV	INVERT
JB	JUNCTION BOX
K	LENGTH OF VERTICAL CURVE PER CENT GRADE DIFFERENCE
LF	LINEAR FEET
MAT	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
N	NORTH
NF	NOW OR FORMERLY
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
O/C	OIL AND CHIP
OC	ON CENTER
OD	OUTSIDE DIAMETER
PERM	PERMANENT
PL	PROPERTY LINE
PVC	POLYVINYL CHLORIDE PIPE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
QTY	QUANTITY
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
ROW	RIGHT OF WAY
S	SOUTH
SAN	SANITARY

SEW	SEWER
SF	SQUARE FEET
SHT	SHEET
STA	STATION
STD	STANDARD
STM	STORM
SY	SQUARE YARD
TBA	TO BE ADJUSTED
TBR	TO BE REMOVED
TBRL	TO BE RELOCATED
TBV	TO BE VACATED
TCE	TEMPORARY CONSTRUCTION EASEMENT
TEL	TELEPHONE
THK	THICK
TUP	TEMPORARY USE PERMIT
TW	TOP OF WALL
TYP	TYPICAL
UIP	USE IN PLACE
UTIL	UTILITIES
VCP	VITRIFIED CLAY PIPE
W	WIDTH OR WEST
W/	WITH
WO/	WITHOUT
WR	WATER RESISTANT
WT	WEIGHT
WTR	WATER
WWF	WELDED WIRE FABRIC
YD	YARD DRAIN
YL	YARD LIGHT

### SYMBOLS LEGEND

	ELEVATION REFERENCE		DEMOLITION KEYNOTE
	DETAIL REFERENCE		PLAN KEYNOTE
	SECTION REFERENCE		PR SPOT ELEVATION
			EX SPOT ELEVATION

### LEGEND

EX	NEW	
		SIGN (TRAFFIC)
		SIGN (ADVERTISEMENT)
		TELEPHONE / POWER POLE
		LIGHT POLE
		ANCHOR POLE
		GUY WIRE
		FIRE HYDRANT
		GAS VALVE
		WATER VALVE
		ELECTRIC METER
		GAS METER
		TELEPHONE BOX
		ELECTRIC BOX
		MAILBOX
		CLEANOUT

EX	NEW	
		AREA INLET
		CATCH BASIN
		CURB INLET
		MANHOLE
		TRAFFIC SIGNAL BOX
		TRAFFIC SIGNAL
		HANDHOLE
		SHRUB
		TREE (DECIDUOUS)
		TREE (EVERGREEN)
		STUMP
		CONTROL POINT
		BENCHMARK

### LINETYPES

EX		NEW
	WATER LINE	
	GAS LINE	
	TELEPHONE LINE	
	OVERHEAD ELECTRIC LINE	
	ELECTRIC LINE	
	FIBER OPTIC LINE	
	STORM SEWER	
	SANITARY SEWER	
	FENCE LINE	
	TREE LINE	
	CONTOUR LINE	
	SAWCUT	
	GRADE TO DRAIN	
	LIMITS OF CONST	

FILE NAME = 15082.003 - COVER SHEET & GENERAL NOTES.DWG



USER NAME =	ANDREA MENSE	DESIGNED -	ARM	REVISED -	
DRAWN -	ARM	REVISED -			
CHECKED -	TLC	REVISED -			
PLOT DATE =	2023-02-07	DATE -	2023-02-07	REVISED -	

**CITY OF TROY**  
116 EAST MARKET STREET  
TROY, ILLINOIS 62294

#### ABBREVIATIONS, SYMBOLS, & LEGEND

SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.
--------	-------------------------	------	---------

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	4
TRI-TOWNSHIP PARK TRAIL EXTENSION				
CITY OF TROY, IL				

**CURB & GUTTER**

STATION	STATION	OFFSET	COM CURB & GUTTER REM (FOOT)	COMB CC&G TB6.12 (FOOT)	COMB CC&G TB6.24 (FOOT)	COMB CC&G TM4.12 (FOOT)	V-GUTTER (FOOT)
13+96	20+35	RT				664	
14+70	18+26	RT					358
18+21	20+28	LT				199	
20+62	20+70	LT/RT		70			
40+00	42+54	LT	399		400		
<b>TOTAL</b>			<b>399</b>	<b>70</b>	<b>400</b>	<b>863</b>	<b>358</b>

**ENTRANCE**

STATION (NOTE 1)	OFFSET	ENTRANCE TYPE	ENTRANCE WIDTH "W" (NOTE 2) (FOOT)	ENTRANCE DEPTH "D" (FOOT)	EXISTING SURFACE TYPE	AGG BASE CSE A 8 (SQ YD)	BIT MATLS PR CT (NOTE 1) (POUND)	PCC DRIVEWAY PAVT 6 (NOTE 2) (SQ YD)	PCC DRIVEWAY PAVT 8 (NOTE 2) (SQ YD)	DRIVEWAY PAVEMENT REM (SQ YD)	INCIDENTAL HMA SURF (TON)
14+59	RT	PE	10	5	AGG			6			
15+36	LT	PE	8	3	AGG			23			
16+40	RT	PE	18	2.8	CONC			6		14	
17+40	RT	PE	19.5	6.6	ASPH	15	33			25	3
17+66	LT	PE	22	4	CONC			39			
17+82	LT	PE	11	45	CONC			72			
19+29	LT	PE	11	5.2	CONC			32		7	
41+00		CE	28	15.1	CONC				58	57	
42+09		CE	26	17.3	CONC				61	61	
<b>TOTAL</b>						<b>15</b>	<b>33</b>	<b>178</b>	<b>119</b>	<b>164</b>	<b>3</b>

**ENTRANCE NOTES:**

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:  
PRIME COAT: 0.25 ± 0.01 LB/SQ FT
- PRIOR TO CONSTRUCTION, THE ENGINEER WILL CONTACT EACH PROPERTY OWNER AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES. THE CONTRACTOR SHALL CONFIRM THE FINAL LOCATIONS AND WIDTHS WITH THE ENGINEER PRIOR TO CONSTRUCTION. SEE CONSTRUCTION DETAILS SHEET FOR ENTRANCE DETAILS.
- DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE.

**PAVEMENT**

STATION	STATION	OFFSET	PR LIM STAB SOIL M 12 (NOTE 2) (SQ YD)	AGG BASE CSE A 4 (SQ YD)	AGG BASE CSE A 8 (SQ YD)	BIT MATLS PR CT (NOTE 1) (POUND)	HMA SC IL-9.5 "C" N50 (TON)	PAVEMENT REM (SQ YD)	INCIDENTAL HMA SURFACING (TON)
13+03	13+50	RT			40	91		136	9
13+50	18+30		683	683	126	1,820	229	132	28
18+30	20+22				50	112			17
20+22	22+15				201	453		253	45
<b>TOTAL</b>			<b>683</b>	<b>683</b>	<b>417</b>	<b>2,475</b>	<b>229</b>	<b>520</b>	<b>99</b>

**PAVEMENT NOTES:**

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:  
PRIME COAT: 0.25 ± 0.01 LB/SQ FT  
HOT-MIX ASPHALT: 112 LBS/SY/INCH THICKNESS
- THE LIME TO SOIL RATIO SHALL BE 5%.

**MULTI-USE PATH**

STATION	STATION	PR LIM STAB SOIL M 12 (NOTE 2) (SQ YD)	AGG BASE CSE A 4 (SQ YD)	BIT MATLS PR CT (NOTE 1) (POUND)	HMA IL SC "C" N50 (TON)	PC CONC SIDEWALK 5 (NOTE 3) (SQ FT)	PC CONC SIDEWALK 6 (NOTE 3) (SQ FT)	DETECTABLE WARNINGS (NOTE 3) (SQ FT)
10+23	10+26		4				33	16
10+50	10+57	8	8				70	20
10+57	13+60	346	346	779	59			
13+60	13+80	36	36				320	26
14+03	14+10	7	7				65	27
14+10	20+22	591	591			5,315		
20+22	20+32	9	9				78	28
20+64	22+15	167	167			1,410	96	40
40+00	42+54		173			1,559		
<b>TOTAL</b>		<b>1,163</b>	<b>1,340</b>	<b>779</b>	<b>59</b>	<b>8,284</b>	<b>662</b>	<b>158</b>

**SIDEWALK NOTES:**

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:  
PRIME COAT: 0.25 ± 0.01 LB/SQ FT  
HOT-MIX ASPHALT: 112 LBS/SY/INCH THICKNESS
- THE LIME TO SOIL RATIO SHALL BE 5%.
- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED. SEE PLAN SHEETS FOR LOCATIONS AND TYPES. SEE CONSTRUCTION DETAILS SHEET AND HIGHWAY STANDARD 424001 FOR CURB RAMP DETAILS.

**PAVEMENT MARKING**

STATION	STATION	PT PVT MK LTRS & SYMB (SQ FT)	PVT MK LINE 4 (YELLOW) (FOOT)	PVT MK LINE 4 (WHITE) (FOOT)	PVT MK LINE 24 (FOOT)
10+28	10+49				60
10+59	13+78		393		15
13+80	14+03				40
14+07	14+65		58		5
14+46		11.5			
14+65	17+75		78		
16+30		11.5			
17+60		11.5			
17+75	18+65		90		
18+20	18+22				13
18+65	19+85		30		
19+85	20+29		44		
20+20	20+22				10
20+26	22+34				30
20+32	20+46				14
20+35	20+61				70
20+55	20+68				13
20+66	22+15		182		
22+15	22+61	3.1	107	57	
<b>TOTAL</b>		<b>38</b>	<b>981</b>	<b>57</b>	<b>270</b>

**PAVEMENT MARKING NOTES:**

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG



USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	ARM	REVISED -	
PLOT DATE =	2023-12-13	CHECKED -	TLC	REVISED -	
		DATE -	23-03-29	REVISED -	

**CITY OF TROY**  
116 E MARKET ST  
TROY, IL 62294

<b>SCHEDULES</b>		MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET NO. 1 OF 2 SHEETS	1098/6110		MADISON	41	5
STA.	TO STA.	WYNONNA TRAIL CITY OF TROY				

### EROSION CONTROL

STATION	STATION	EROSION CONTR BLANKET (SQ YD)	TEMP DITCH CHECKS (FOOT)	PERIMETER EROS BAR (FOOT)	INLET & PIPE PROTECTION (EACH)
10+50	15+82		19.5	752	2
16+00	18+25			172	
20+20	22+15	737	39		4
40+00	42+54				5
<b>TOTAL</b>		<b>737</b>	<b>59</b>	<b>924</b>	<b>11</b>

EROSION CONTROL NOTES:

### EARTHWORK

STATION	STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1) (CU YD)	EMBANKMENT (NOTE 2) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 3) (CU YD)
10+00	13+25	80	70	15	55
13+25	20+50	375	315	35	285
20+50	22+15			290	-290
40+50	42+25	50	40	5	35
<b>TOTAL</b>		<b>505</b>	<b>425</b>	<b>345</b>	<b>85</b>

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 15%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

### SIDEWALK

STATION	OFFSET	PC CONC SIDEWALK 5 (NOTE 1) (SQ FT)	SIDEWALK REM (NOTE 1) (SQ FT)	CONCRETE STEPS (CU YD)	SIDEWALK WIDTH (FOOT)	NUMBER OF STEPS
15+24	RT	7.5	14	0.3	2.5	1
16+71	RT	6	19		4	
20+30	LT	31	47			
20+73	LT/RT	409	205			
<b>TOTAL</b>		<b>454</b>	<b>284</b>	<b>0.3</b>		

SIDEWALK NOTES:

- SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED ARE REQUIRED. SEE PLAN SHEETS FOR LOCATIONS AND TYPES. SEE CONSTRUCTION DETAILS SHEET AND HIGHWAY STANDARD 424001 FOR CURB RAMP DETAILS.

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG

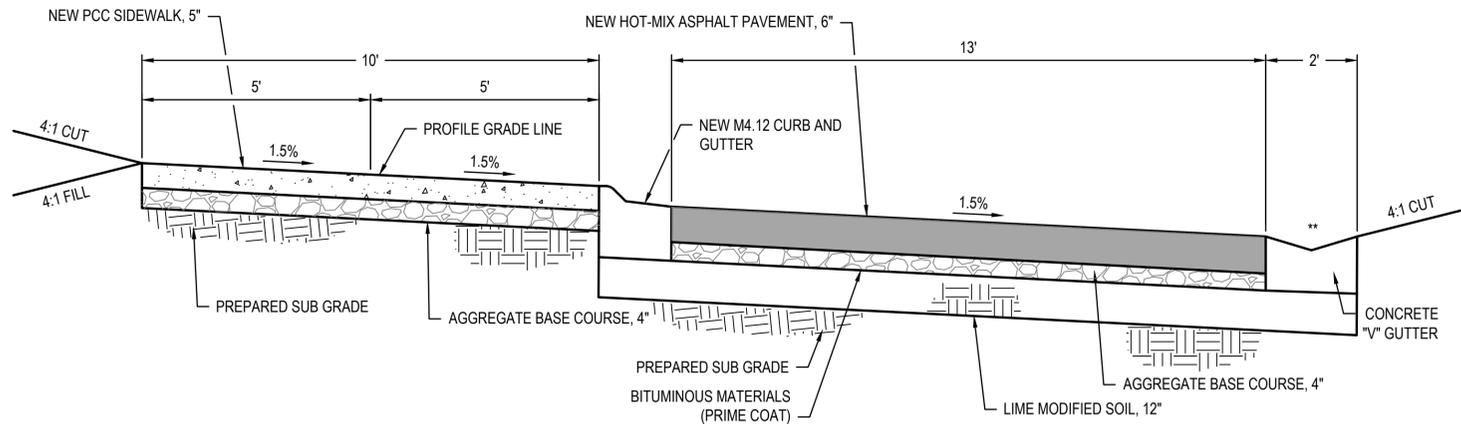


USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
		DRAWN -	ARM	REVISED -	
PLOT SCALE =	1' = 1'	CHECKED -	TLC	REVISED -	
PLOT DATE =	2023-12-13	DATE -	23-03-29	REVISED -	

**CITY OF TROY**  
116 E MARKET ST  
TROY, IL 62294

#### SCHEDULES

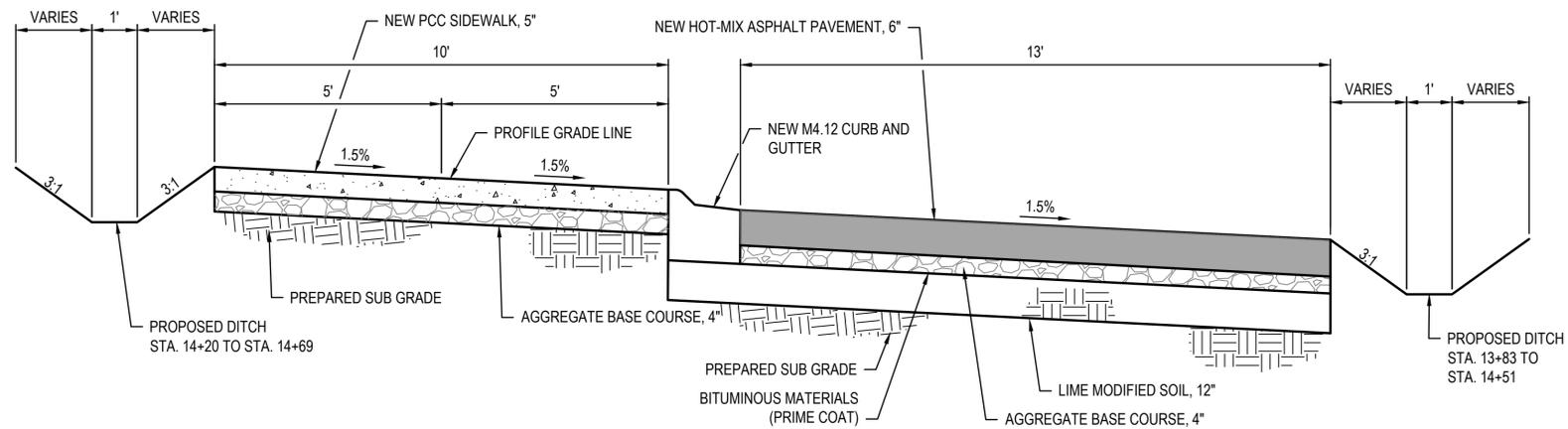
SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				1098/6110		MADISON	41	6
				WYNONNA TRAIL CITY OF TROY				



**PROPOSED 10' TYPICAL TRAIL SECTION**

STA. 14+69 TO STA. 18+40

\*\* V-GUTTER FROM STA. 14+75 TO 15+50 & 16+25 TO 18+40

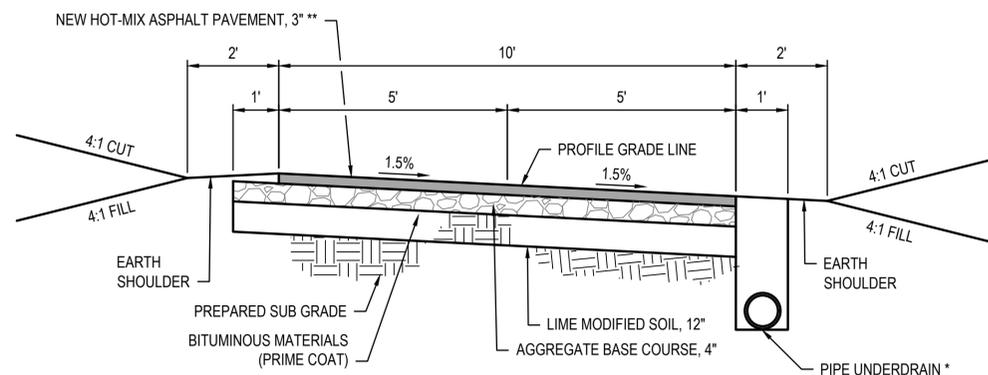


**PROPOSED 10' TYPICAL TRAIL SECTION**

STA. 13+83 TO STA. 14+69

LOCATION	SURFACE COURSE	INCIDENTAL HMA SURF
MIXTURE USE	HMA SURFACING	HMA SURFACING
THICKNESS	3" & 6"	4"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	5%	5%
DESIGN AIR VOIDS	4.0% @ NDES = 50	4.0% @ NDES = 50
MIX COMPOSITION	IL-9.5	IL-9.5
FRICITION AGG	MIXTURE "C"	MIXTURE "C"
MIXTURE WEIGHT	112.0 LB/SQ YD/IN	112.0 LB/SQ YD/IN
QMP	QC/QA	QC/QA
SUBLOT SIZE	N/A	N/A
MTD	N/A	N/A

**HMA MIXTURES TABLE**



**PROPOSED 10' TYPICAL TRAIL SECTION**

STA. 10+50 TO STA. 13+83

\* STA. 11+25 TO 12+90, SEE DETAIL 3, SHEET 29

\*\* STA. 13+16 TO 13+83, HMA 6" THICK

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG

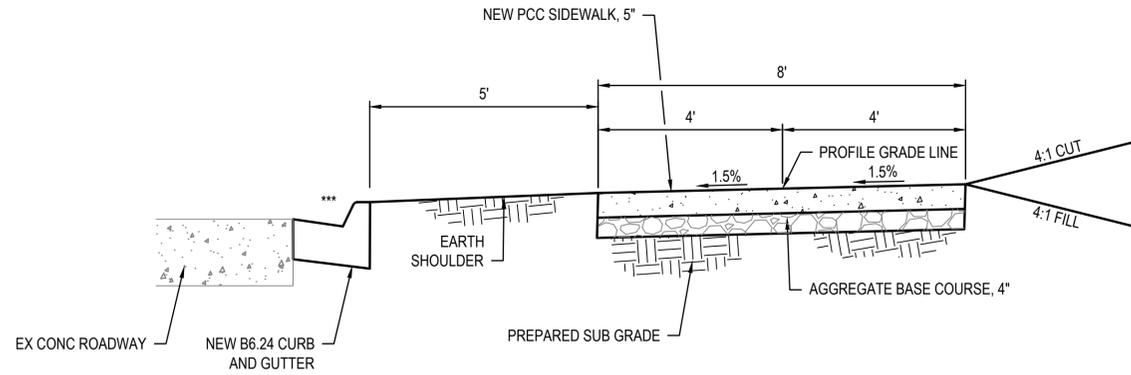


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**CITY OF TROY**  
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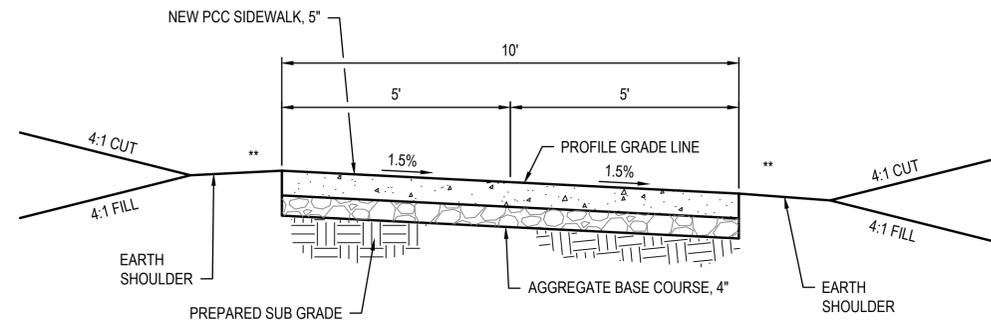
<b>TYPICAL SECTIONS</b>	
SCALE:	SHEET NO. 1 OF 2 SHEETS
STA.	TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	7
WYNONNA TRAIL CITY OF TROY				



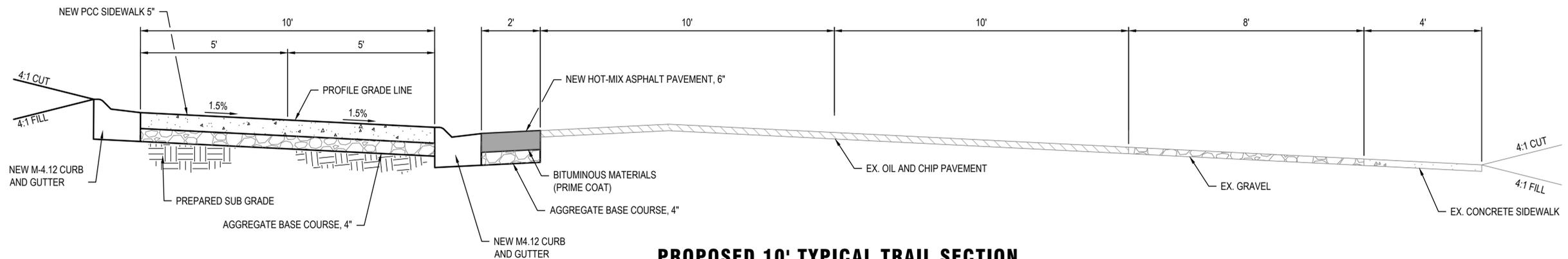
**PROPOSED 8' TYPICAL SIDEWALK SECTION**

ALONG IL-162  
 \*\*\*DEPRESSED CURB FROM STA 40+70 TO STA 41+28 & STA 41+83 TO STA 42+35



**PROPOSED 10' TYPICAL TRAIL SECTION**

STA. 20+77 TO STA. 22+15  
 \*\*STA 20+30 TO STA 20+77 WARP INTO INTERSECTION



**PROPOSED 10' TYPICAL TRAIL SECTION**

STA. 18+40 TO STA. 20+30

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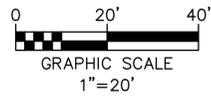


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**CITY OF TROY**  
 116 E MARKET ST  
 TROY, IL 62294

<b>TYPICAL SECTIONS</b>	
SCALE:	SHEET NO. 2 OF 2 SHEETS
STA.	TO STA.

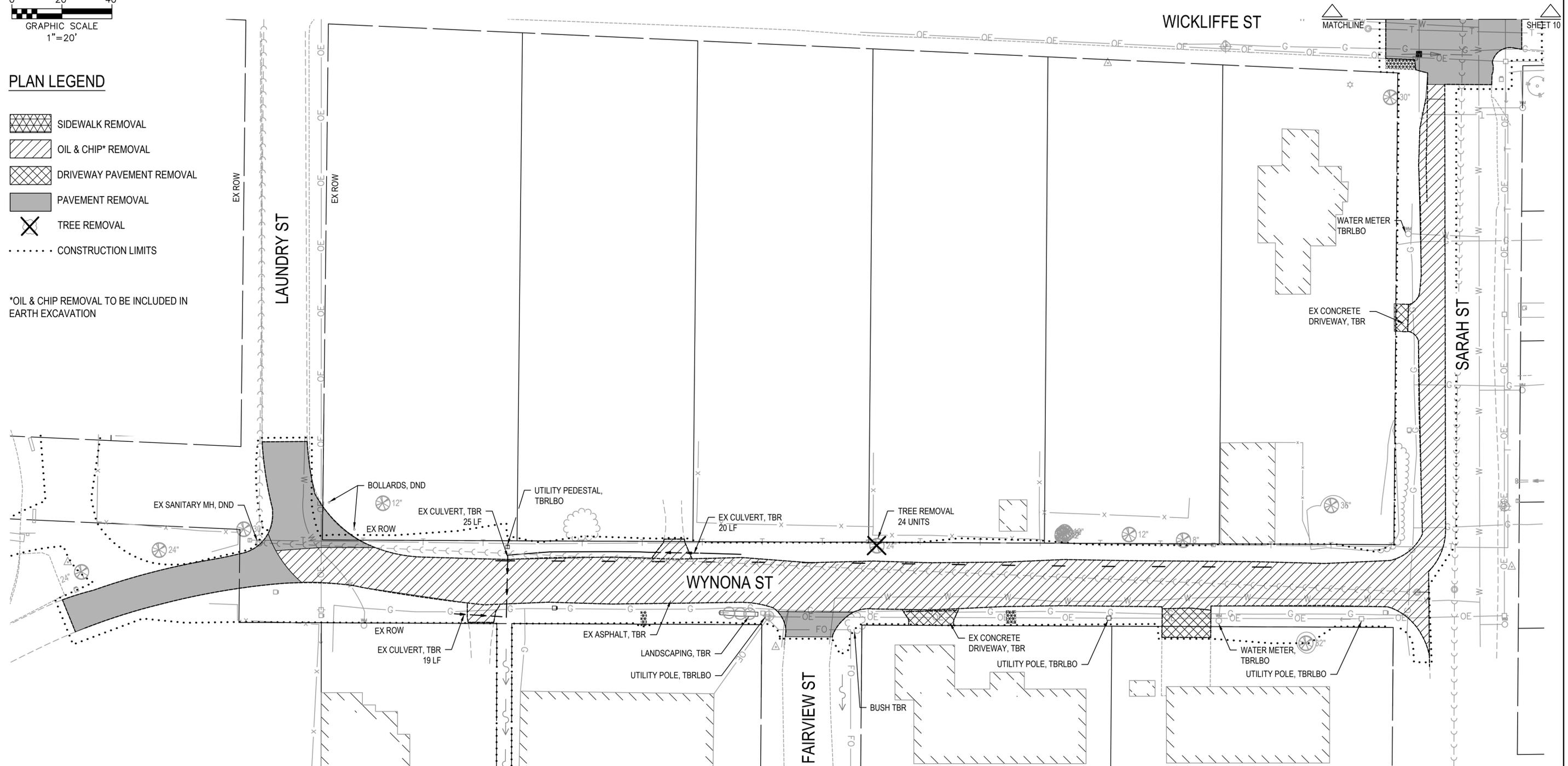
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	8
WYNONNA TRAIL				
CITY OF TROY				



**PLAN LEGEND**

- SIDEWALK REMOVAL
- OIL & CHIP\* REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PAVEMENT REMOVAL
- TREE REMOVAL
- CONSTRUCTION LIMITS

\*OIL & CHIP REMOVAL TO BE INCLUDED IN EARTH EXCAVATION



FILE NAME = 15082.003 - WYNONA TRAIL DESIGN.DWG



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		DATE -	23-03-29	REVISED -	

**CITY OF TROY**  
116 E MARKET ST  
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**REMOVAL SHEET**

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

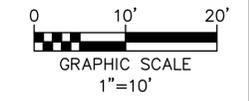
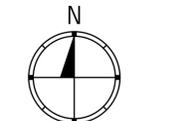
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1098/6110		MADISON	41	9
WYNONNA TRAIL CITY OF TROY				





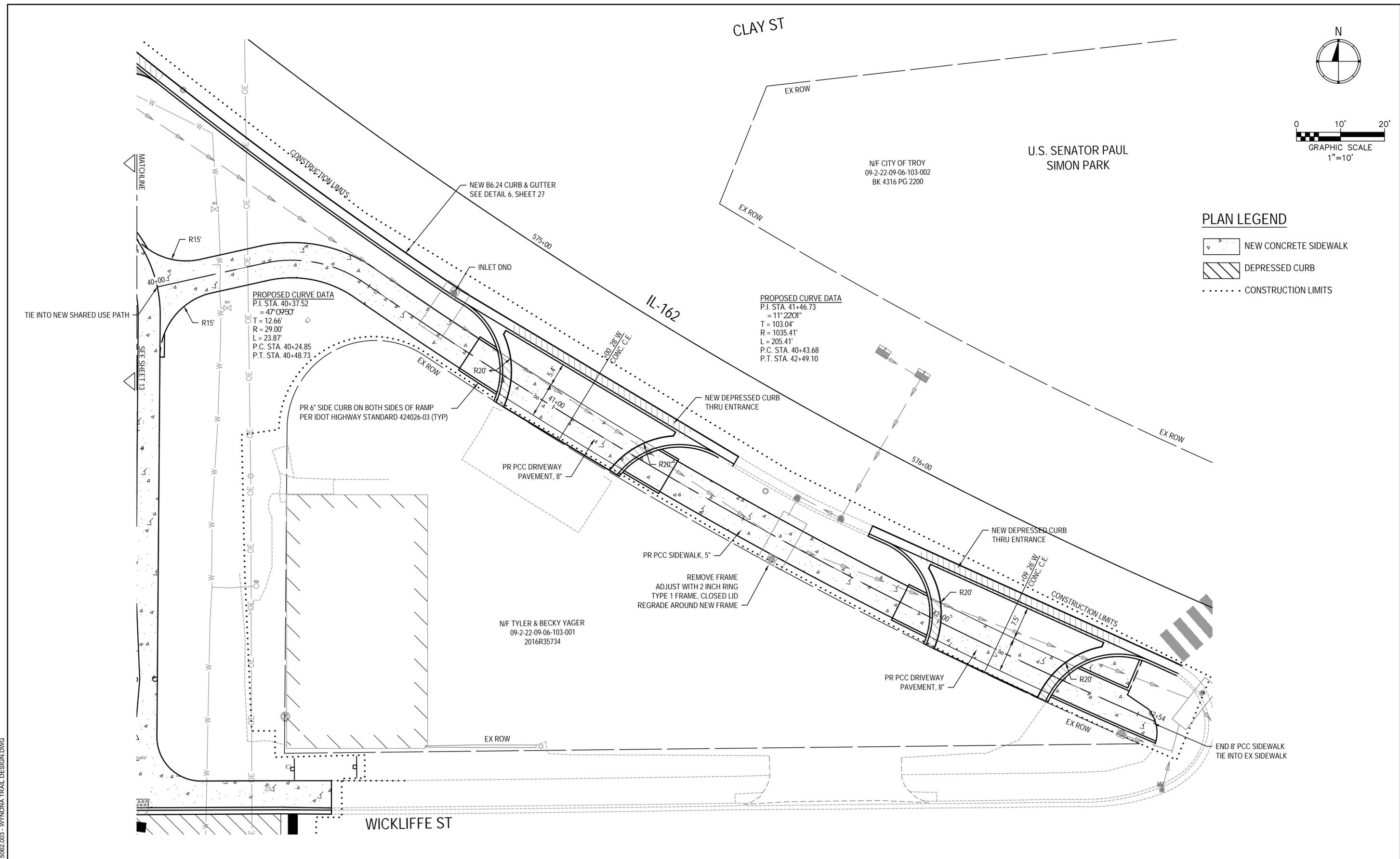






**PLAN LEGEND**

- NEW CONCRETE SIDEWALK
- DEPRESSED CURB
- CONSTRUCTION LIMITS



FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG

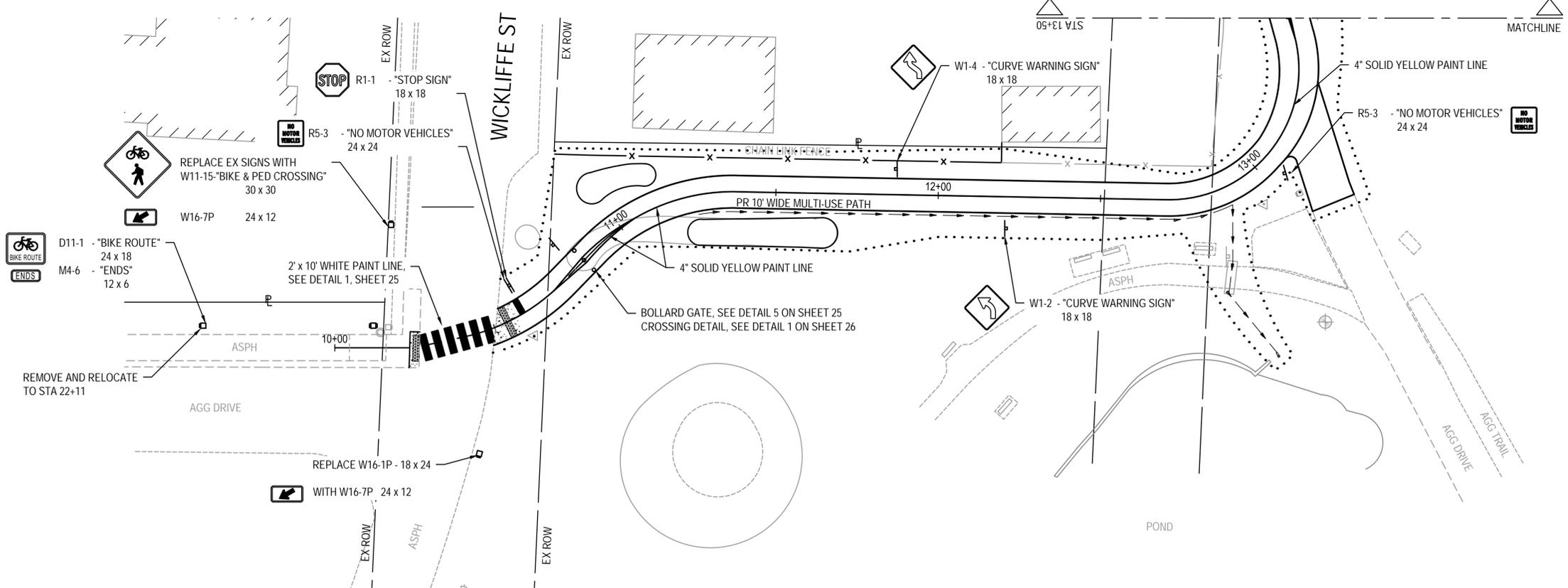
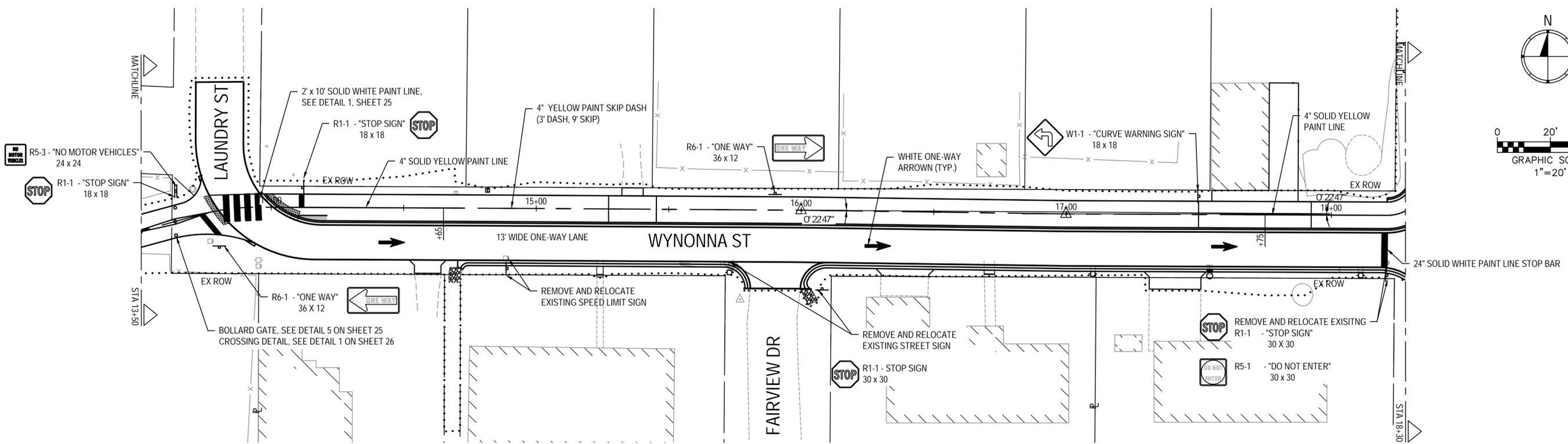
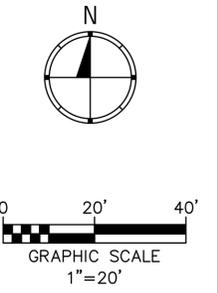
**OATES ASSOCIATES**  
www.oatesassociates.com  
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
		DRAWN -	ARM	REVISED -	
PLOT SCALE =	1" = 1'	CHECKED -	TLC	REVISED -	
PLOT DATE =	2023-12-13	DATE -	23-03-29	REVISED -	

**CITY OF TROY**  
116 E MARKET ST  
TROY, IL 62294

PLAN SHEET - IL 162 SIDEWALK		
SCALE:	SHEET NO. 4 OF 4 SHEETS	STA. 40+00 TO STA. 42+54

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	14
WYNONNA TRAIL CITY OF TROY				



- NOTES:**
1. ALL SIGN POST SHALL BE WOODEN. SEE DETAIL 4, SHEET XX
  2. ALL W11-15 SIGNS AND SUPPLEMENTAL SIGNS ON THE SAME POST SHALL BE FLUORESCENT YELLOW-GREEN

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG



USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	ARM	REVISED -	
PLOT DATE =	2023-12-13	CHECKED -	TLC	REVISED -	
		DATE -	23-03-29	REVISED -	

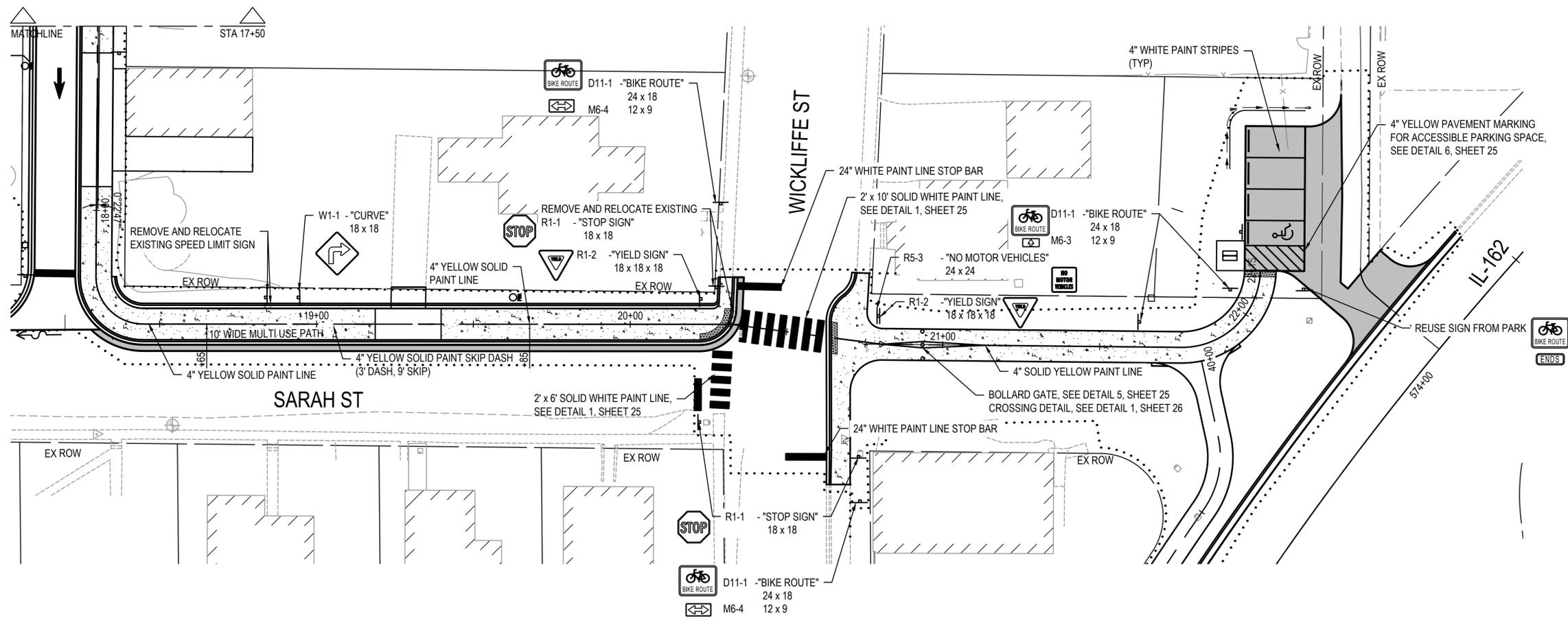
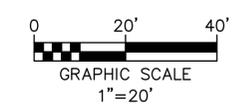
**CITY OF TROY**  
116 E MARKET ST  
TROY, IL 62294

**PAVEMENT MARKING & SIGNAGE PLAN**

SCALE: SHEET NO. 1 OF 2 SHEETS STA. 10+00 TO STA. 18+30

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	17

WYNONNA TRAIL  
CITY OF TROY



- NOTES:**
1. ALL SIGN POST SHALL BE WOODEN EXCEPT THOSE FOR SIGNS DELINEATING ACCESSIBLE PARKING SPACES. SEE DETAIL 4, SHEET XX AND DETAIL 3 & 6, SHEET XX
  2. ALL W11-15 SIGNS AND SUPPLEMENTAL SIGNS ON THE SAME POST SHALL BE FLUORESCENT YELLOW-GREEN

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG



USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
		DRAWN -	ARM	REVISED -	
PLOT SCALE =	1' = 1'	CHECKED -	TLC	REVISED -	
PLOT DATE =	2023-12-13	DATE -	23-03-29	REVISED -	

**CITY OF TROY**  
116 E MARKET ST  
TROY, IL 62294

**PAVEMENT MARKING & SIGNAGE PLAN**

SCALE: SHEET NO. 2 OF 2 SHEETS STA. 17+50 TO STA. 22+15

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	18
WYNONNA TRAIL CITY OF TROY				



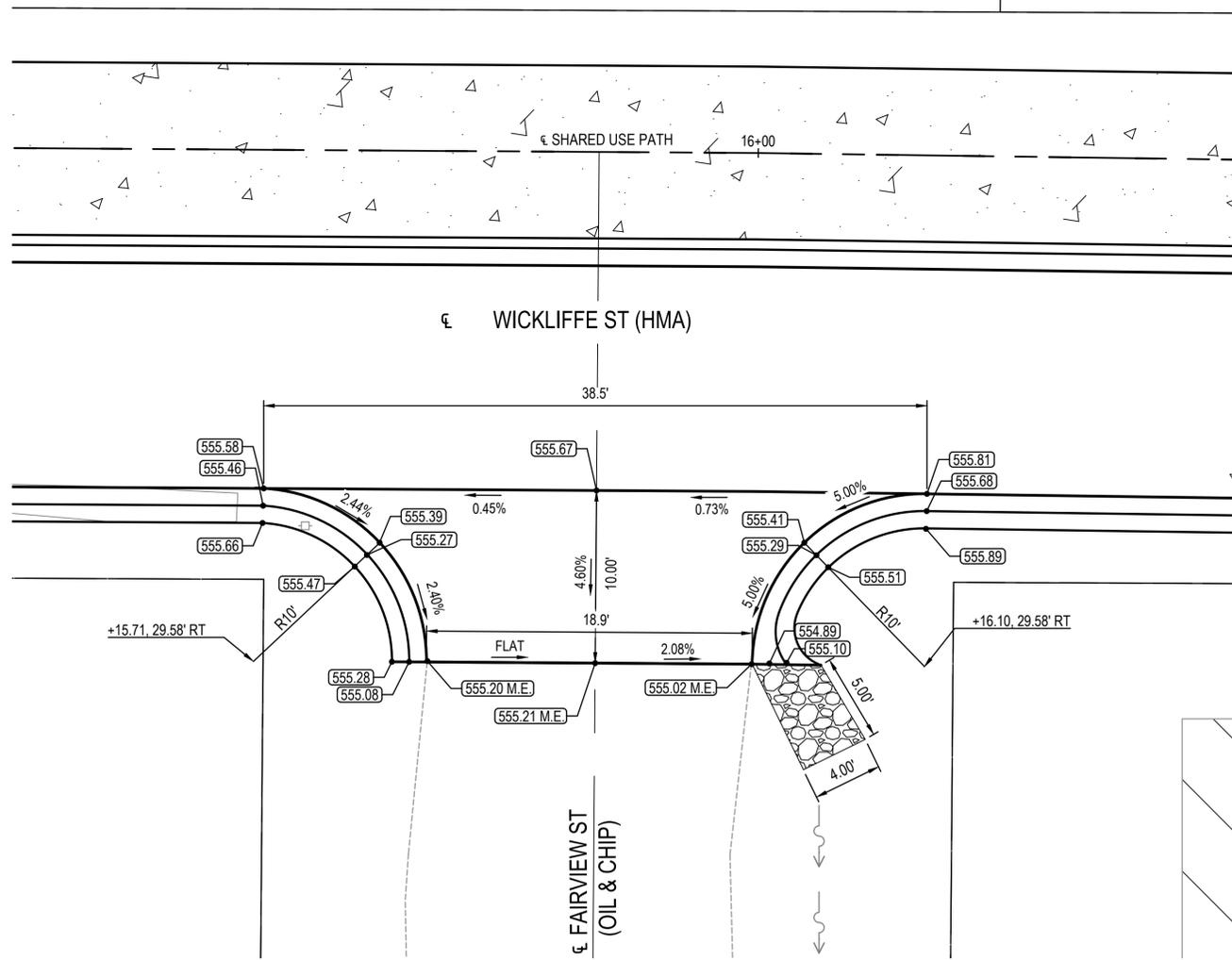


**PLAN LEGEND**

- ..... CONSTRUCTION LIMITS
- PROPOSED
- ROW LINE
- XXX.XX M.E. MATCH EXISTING ELEVATION
- XXX.XX PROPOSED ELEVATION
- PROPOSED 2" INCIDENTAL HMA PATCH
- ▲ PORTLAND CEMENT CONCRETE SIDEWALK 5"



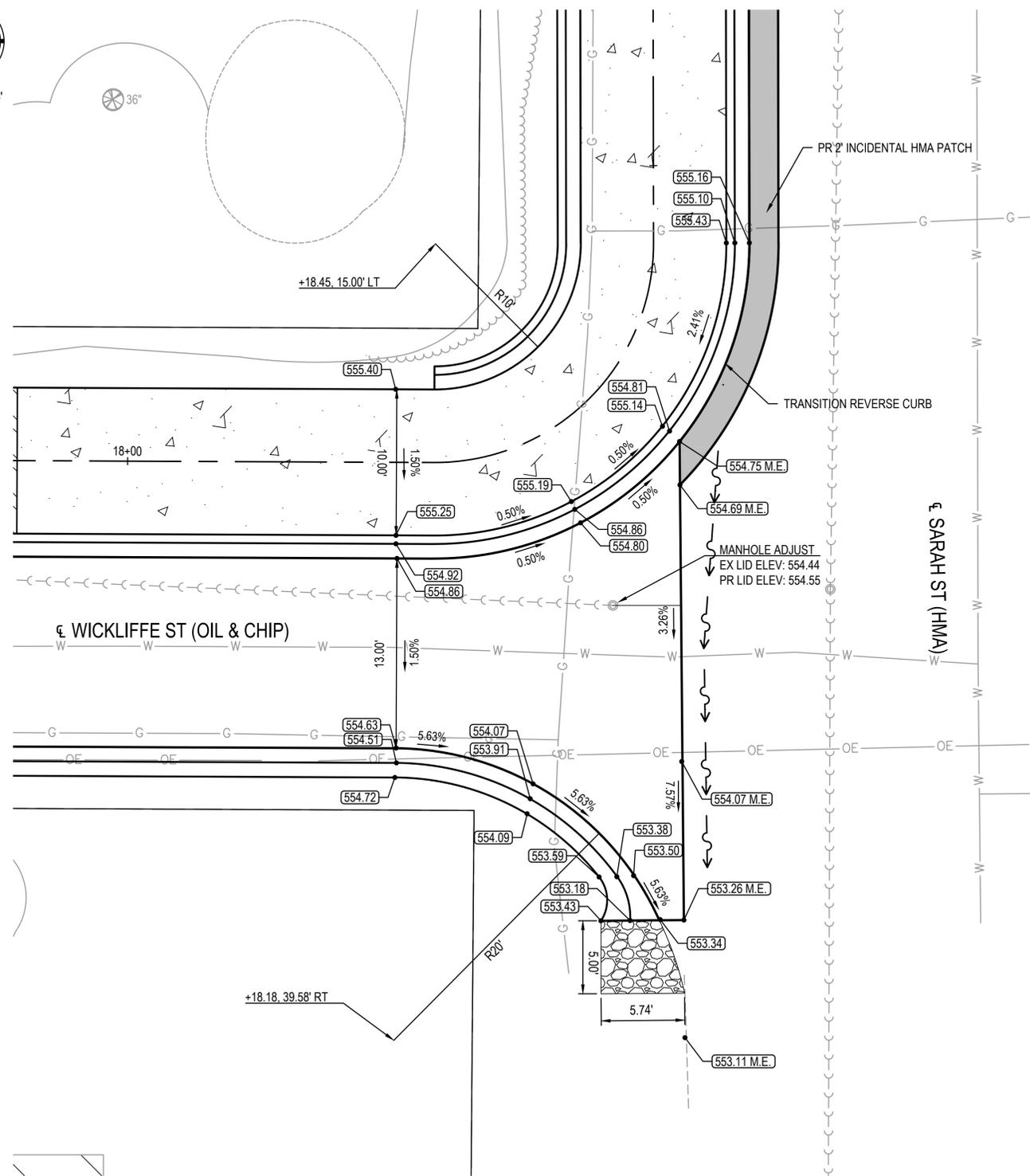
SCALE: 1" = 5'



**INTERSECTION DETAIL @ FAIRVIEW ST**



SCALE: 1" = 5'



**INTERSECTION DETAIL @ SARAH ST**

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG



USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
		DRAWN -	ARM	REVISED -	
PLOT SCALE =	1" = 1'	CHECKED -	TLC	REVISED -	
PLOT DATE =	2023-12-13	DATE -	23-03-29	REVISED -	

**CITY OF TROY**  
116 E MARKET ST  
TROY, IL 62294

**INTERSECTION DETAILS**

SCALE: SHEET NO. 3 OF 6 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	21
WYNONNA TRAIL CITY OF TROY				

**PLAN LEGEND**

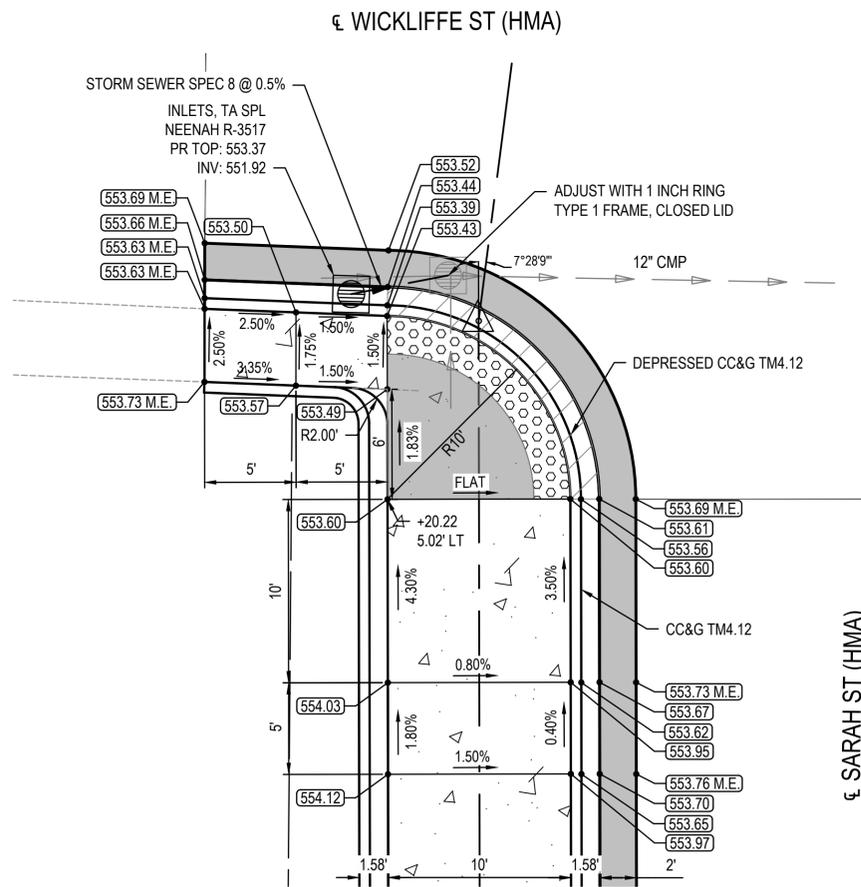
- ..... CONSTRUCTION LIMITS
- EXISTING
- PROPOSED
- ROW LINE
- (XXX.XX M.E) MATCH EXISTING ELEVATION
- (XXX.XX) PROPOSED ELEVATION

**PLAN LEGEND**

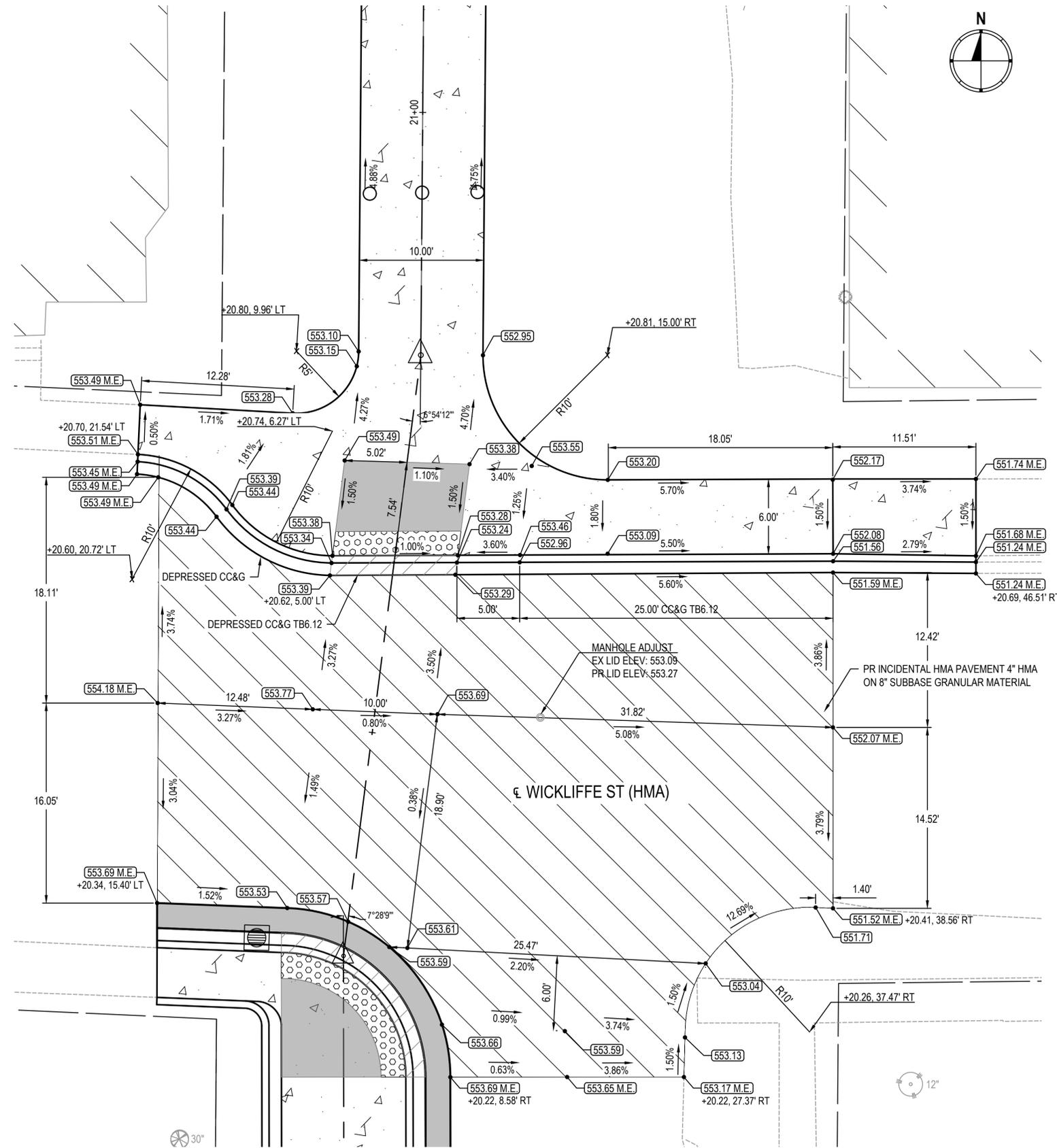
- PROPOSED DETECTABLE WARNINGS
- PROPOSED 2" INCIDENTAL HMA PATCH
- PROPOSED INCIDENTAL HMA PAVEMENT, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- PROPOSED LANDING (SLOPE < 1.5% IN ALL DIRECTIONS)
- DEPRESSED CURB AT SIDEWALK RAMP



SCALE: 1" = 5'



**RAMP DETAIL @ SARAH ST & WICKLIFFE ST**



**INTERSECTION DETAIL @ SARAH ST & WICKLIFFE ST**

FILE NAME = 15082.003 - WYONNA TRAIL DESIGN.DWG



USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	ARM	REVISED -	
PLOT DATE =	2023-12-13	CHECKED -	TLC	REVISED -	
		DATE -	23-03-29	REVISED -	

**CITY OF TROY**  
116 E MARKET ST  
TROY, IL 62294

**INTERSECTION DETAILS**

SCALE: SHEET NO. 4 OF 6 SHEETS STA. TO STA.

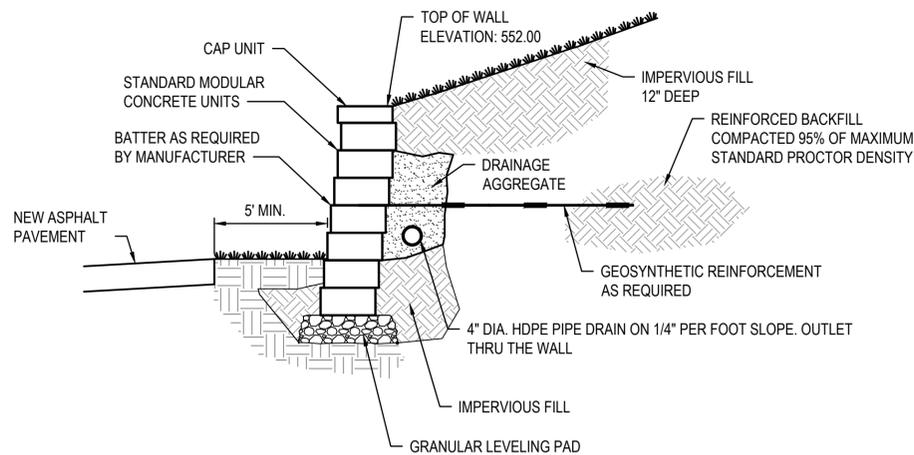
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	22

WYONNA TRAIL  
CITY OF TROY

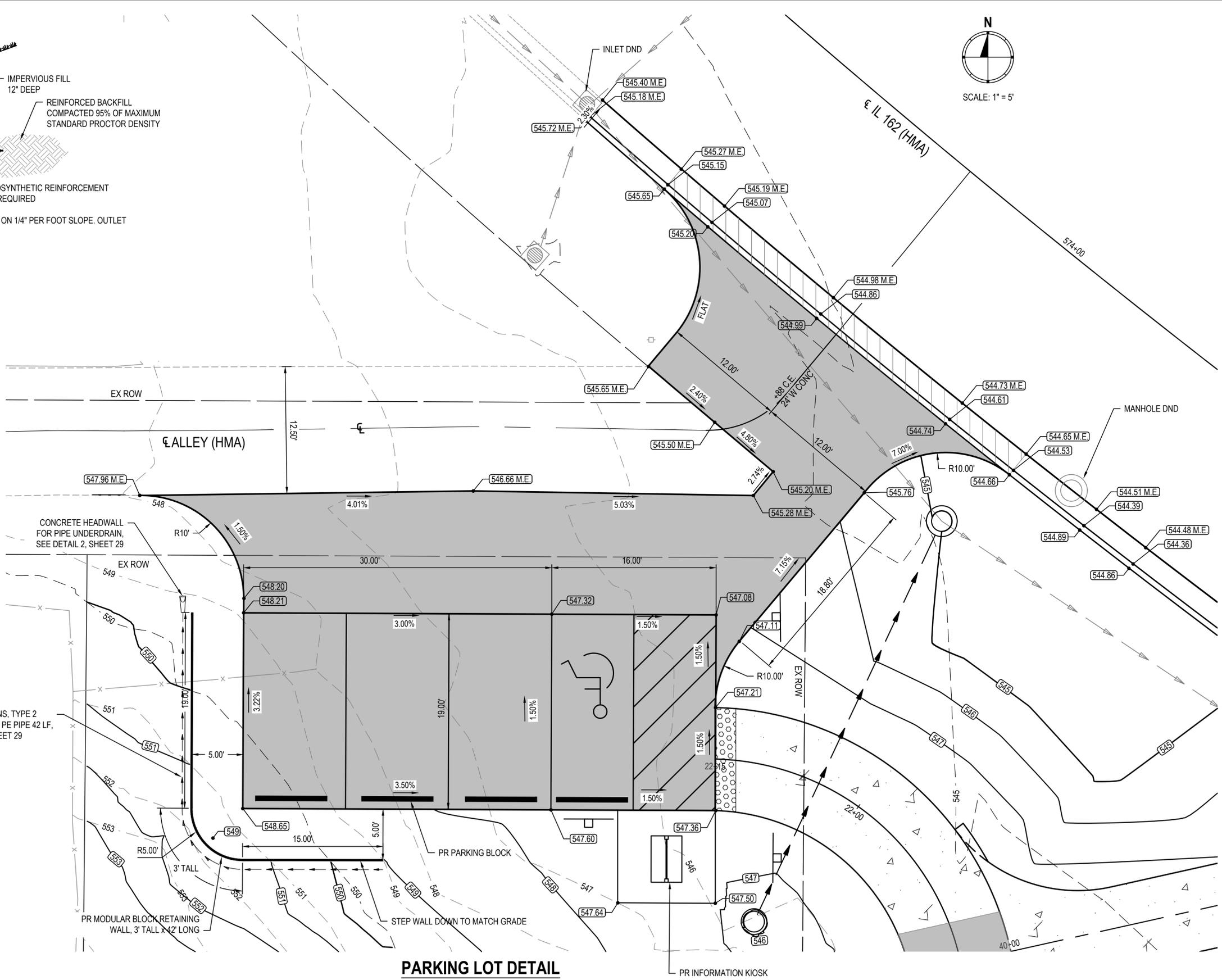




SCALE: 1" = 5'



1 SEGMENTAL BLOCK WALL LAYOUT  
SCALE: NO SCALE



**PLAN LEGEND**

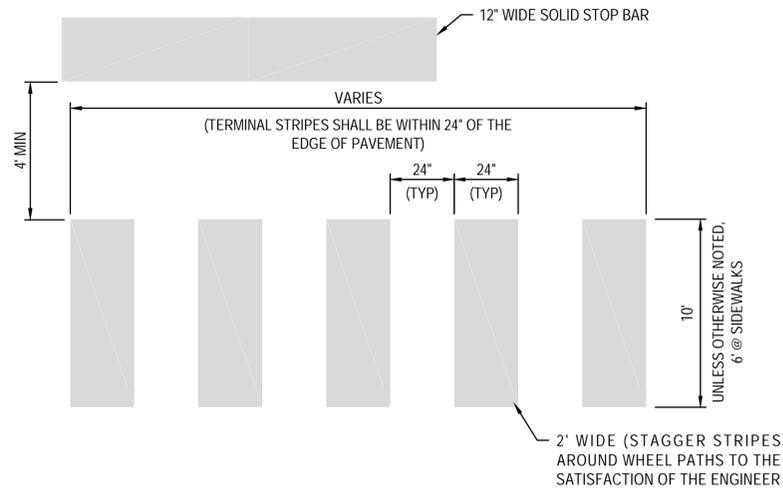
- ..... CONSTRUCTION LIMITS
- EXISTING
- PROPOSED
- ROW LINE
- (XXX.XX M.E.) MATCH EXISTING ELEVATION
- (XXX.XX) PROPOSED ELEVATION
- [Pattern] PROPOSED DETECTABLE WARNINGS
- [Shaded Area] PROPOSED LANDING (SLOPE <1.5% IN ALL DIRECTIONS)
- [Pattern] PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- [Pattern] PROPOSED DEPRESSED CURB AT SIDEWALK RAMP

PIPE UNDERDRAINS, TYPE 2  
4"Ø PERFORATED PE PIPE 42 LF,  
SEE DETAIL 3, SHEET 29

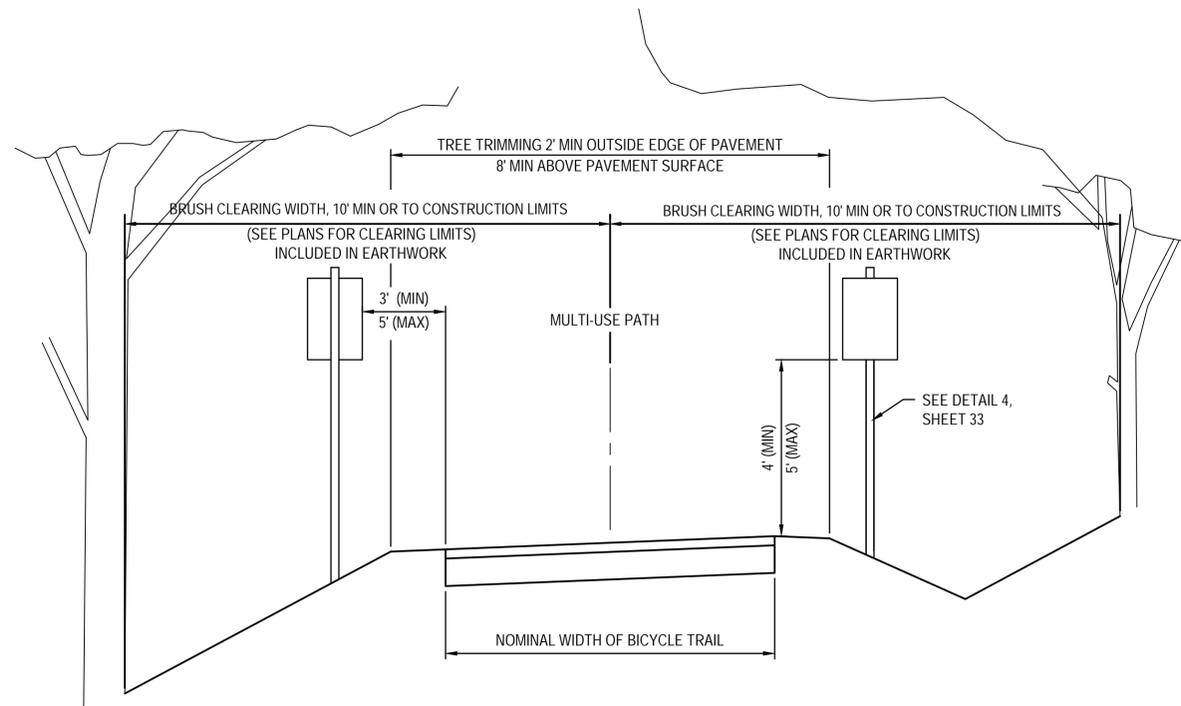
**PARKING LOT DETAIL**

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG

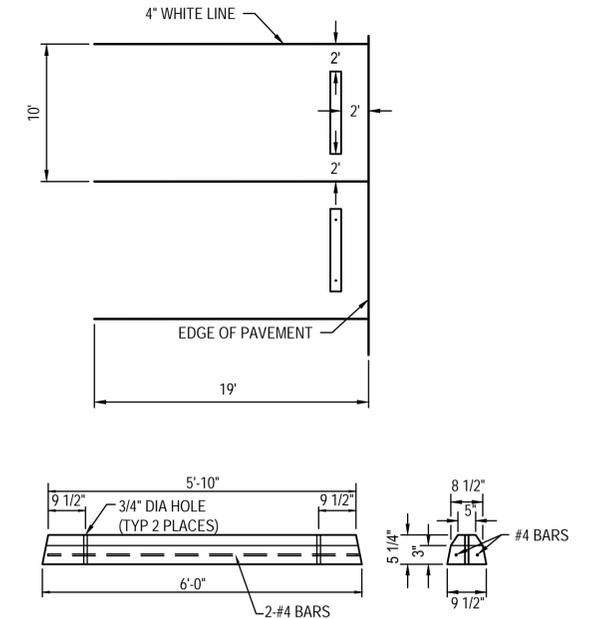
<p><b>OATES ASSOCIATES</b> www.oatesassociates.com ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115</p>	USER NAME = ANDREA MENSE	DESIGNED - TLC	REVISED -	<p><b>CITY OF TROY</b> 116 E MARKET ST TROY, IL 62294</p>	<p><b>INTERSECTION DETAILS</b></p>		MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1" = 1'	DRAWN - ARM	REVISED -				1098/6110		MADISON	41	24
PLOT DATE = 2023-12-13	DATE - 23-03-29	REVISED -	REVISED -	SCALE:	SHEET NO. 6 OF 6 SHEETS	STA. TO STA.	<p>WYNONNA TRAIL CITY OF TROY</p>				



1 CROSSWALK DETAIL  
SCALE: NO SCALE

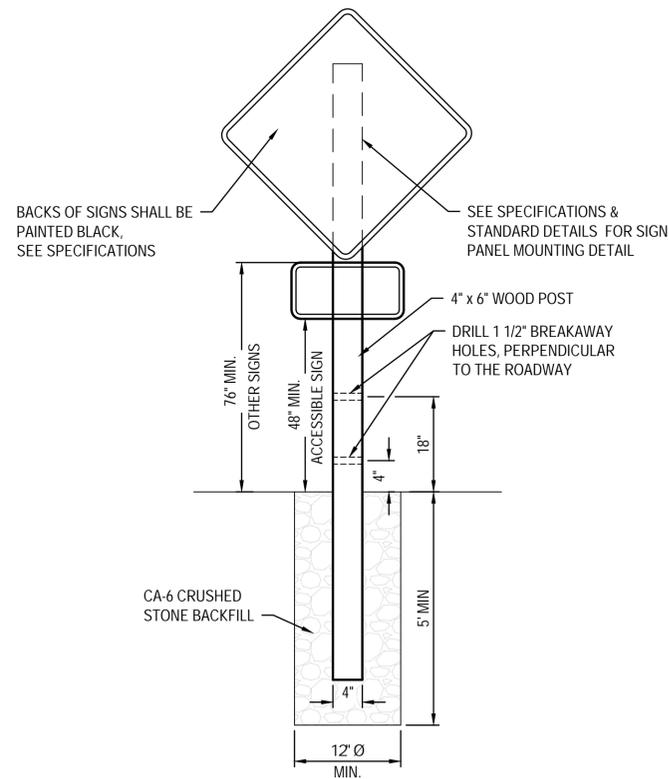


2 SIGN & CLEARANCE DETAIL  
SCALE: NO SCALE

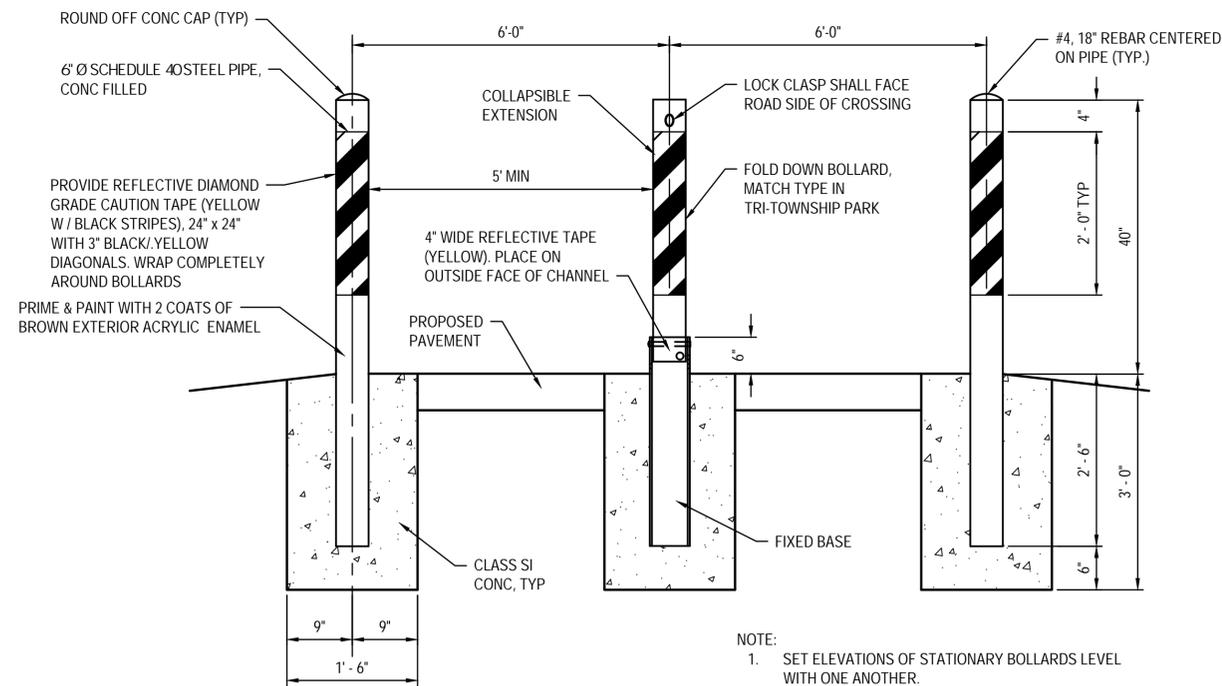


- NOTE:
1. PARKING BLOCKS SHALL BE MADE OF PRECAST CONCRETE.
  2. PARKING BLOCKS TO BE ANCHORED WITH 5/8" x 24" IRON PINS (2 EACH) DRILLED INTO THE PAVEMENT & FIT SNUG AS TO NOT RACK WHEN SHOVED.
  3. PARKING BLOCKS TO BE PLACED ONLY AS SHOWN ON SITE PLAN.

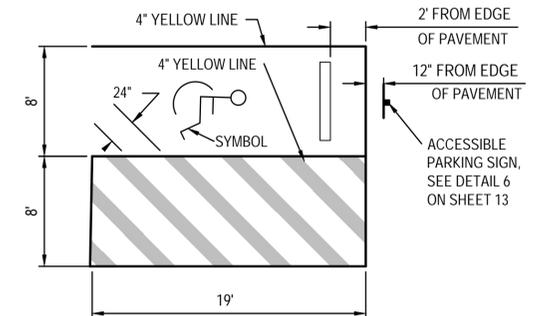
3 PARKING BLOCK DETAIL  
SCALE: NO SCALE



4 MUTLI-USE PATH WOODEN SIGN POST DETAIL  
SCALE: NO SCALE



5 BOLLARD GATE DETAIL  
SCALE: NO SCALE

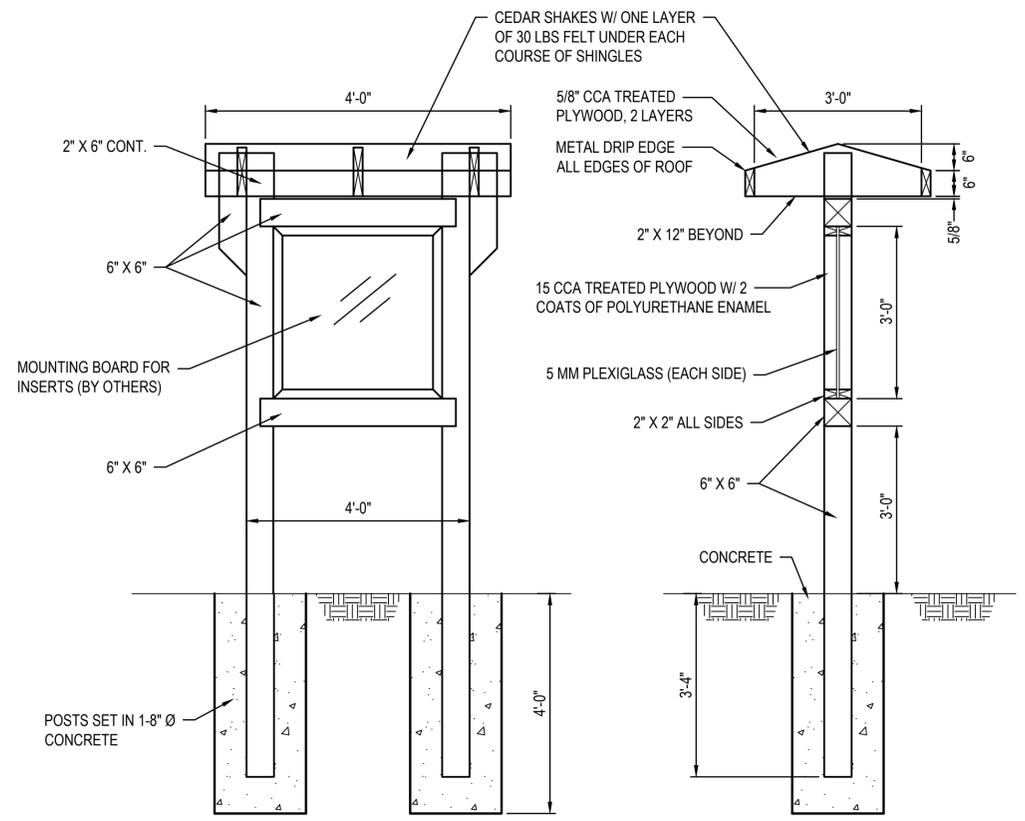


6 TYPICAL ACCESSIBLE PARKING  
SCALE: NO SCALE

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG

USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	ARM	REVISED -	
PLOT DATE =	2023-12-13	CHECKED -	TLC	REVISED -	
		DATE -	23-03-29	REVISED -	

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	25
WYNONNA TRAIL CITY OF TROY				

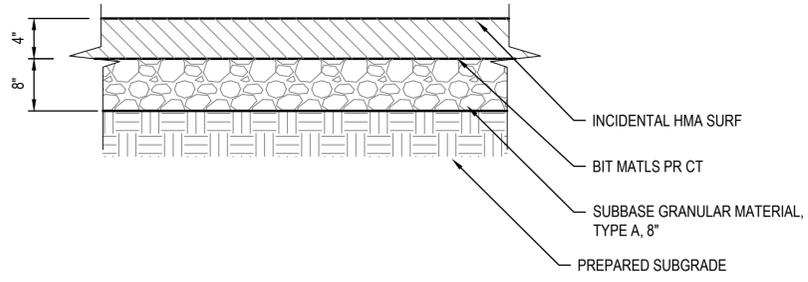


FRONT VIEW

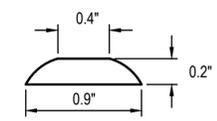
SECTION VIEW

NOTES:

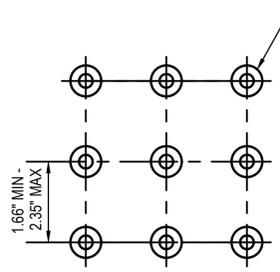
- 1. ALL FASTENERS TO BE STAINLESS STEEL



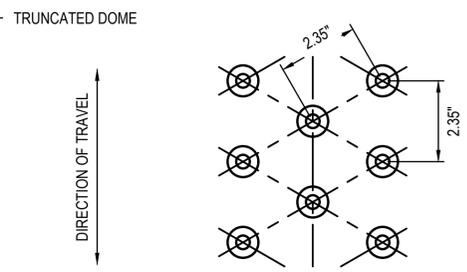
2 INCIDENTAL HMA SURFACING DETAIL  
SCALE: NO SCALE



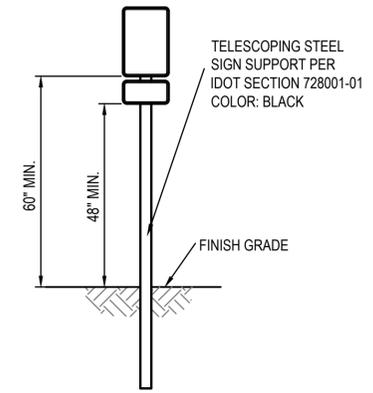
TRUNCATED DOME DETAIL



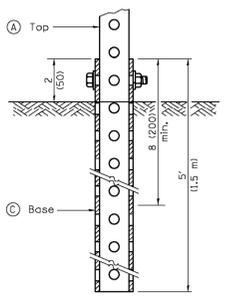
SQUARE PATTERN  
(PARALLEL ALIGNMENT)



TRIANGULAR PATTERN



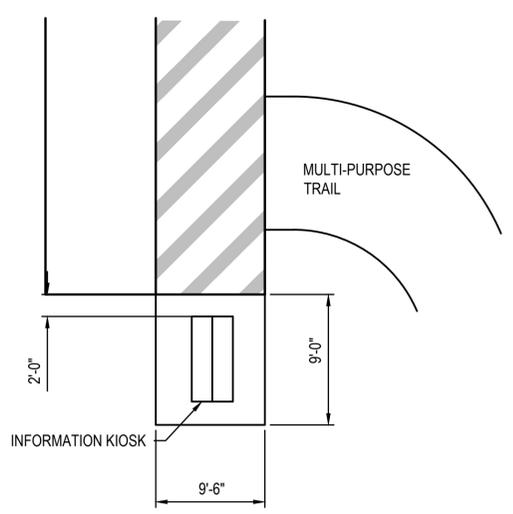
NOTE:  
ALL SIGN POSTS, BACKS OF SIGNS,  
AND COMPONENTS SHALL BE PAINTED  
BLACK (SEE SPECIAL PROVISION)



GROUND MOUNT DETAIL

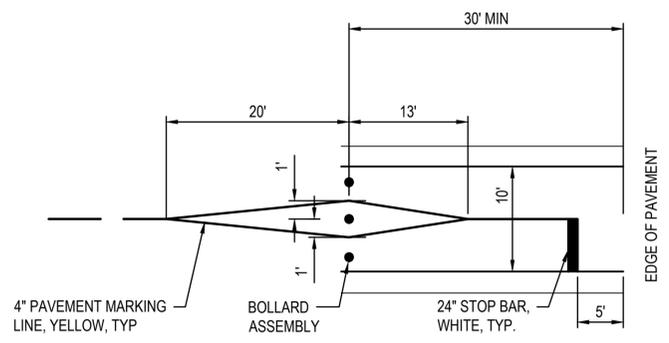
(A)	2 x 2 x var. (51 x 51 var.)
(B)	1 3/4 x 1 3/4 x 12 (44 x 44 x 300)
(C)	2 1/4 x 2 1/4 x 60 (57 x 57 x 1500)
(D)	2 1/2 x 2 1/2 x 18 (64 x 64 x 450)
(E)	2 1/4 x 2 1/4 x 36 (57 x 57 x 900)

1 INFORMATION KIOSK  
SCALE: NO SCALE



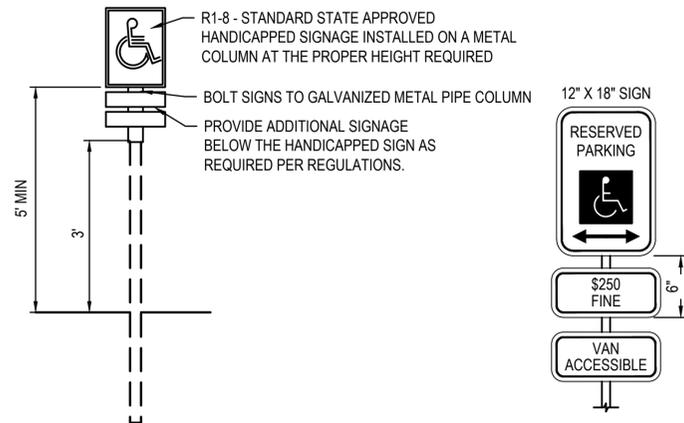
5 KIOSK TURNOUT DETAIL  
SCALE: NO SCALE

3 DETECTABLE WARNING DETAIL  
SCALE: NO SCALE



6 CROSSING DETAIL  
SCALE: NO SCALE

4 TELESCOPING STEEL SIGN DETAIL  
SCALE: NO SCALE



7 ACCESSIBLE SIGN & POST  
SCALE: NO SCALE

FILE NAME = 15082.003 - WYNDONA TRAIL DESIGN.DWG



USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	ARM	REVISED -	
PLOT DATE =	2023-12-13	CHECKED -	TLC	REVISED -	
		DATE -	23-03-29	REVISED -	

CITY OF TROY  
116 E MARKET ST  
TROY, IL 62294

SITE DETAILS	
SCALE:	SHEET NO. 2 OF 4 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	26
WYNDONA TRAIL CITY OF TROY				

TOOLED 1/4" RADIUS FOR SIDEWALKS, SAWED FOR PAVEMENT  
 MINIMUM DEPTH 1/4" OF THICKNESS JOINT WIDTH 1/8"-1/4"  
 (SAWED JOINTS SHALL BE SEALED - SEE NOTE BELOW)



**CONTRACTION JOINT**

BACK JOINT WITH ONE COMPONENT URETHANE GUN GRADE SEALANT USING SONNEBORN SONOPLASTIC NP-1, MAMECO VULKEM 116, PECORDA DYNATROL 1, OR APPROVED EQUAL. FINISH JOINT WITH A SELF LEVELING SEALANT USING MAMECO INTERNATIONAL - VULKEM 45, PECORA CHEMICAL CORP - UREXPAN NR20, SIKA CHEMICAL CORP. - SILKAFLEX 12SL, CONTECH INC., SONNEBORN BUILDING PRODUCTS DIV. - SONALASTIC SL1

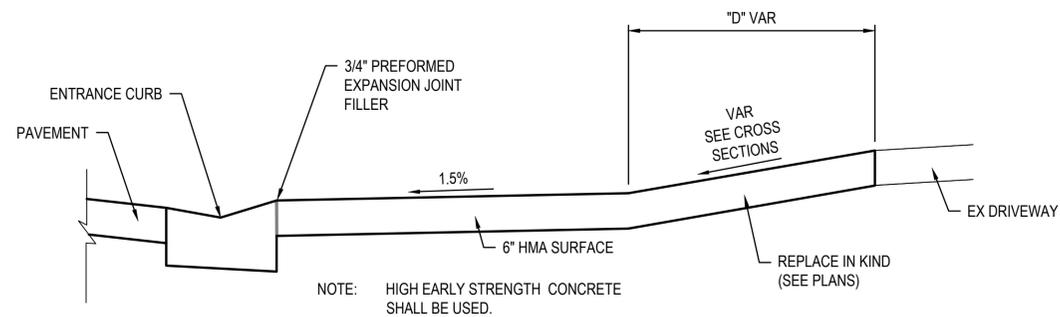
1/4" RADIUS

1/2" PRE-MOLDED WOOD FIBRE STRIP ACCORDING TO ASTM D 1751 WITH 1/4" TO 1/2" ZIP STRIP.

**EXPANSION JOINT**

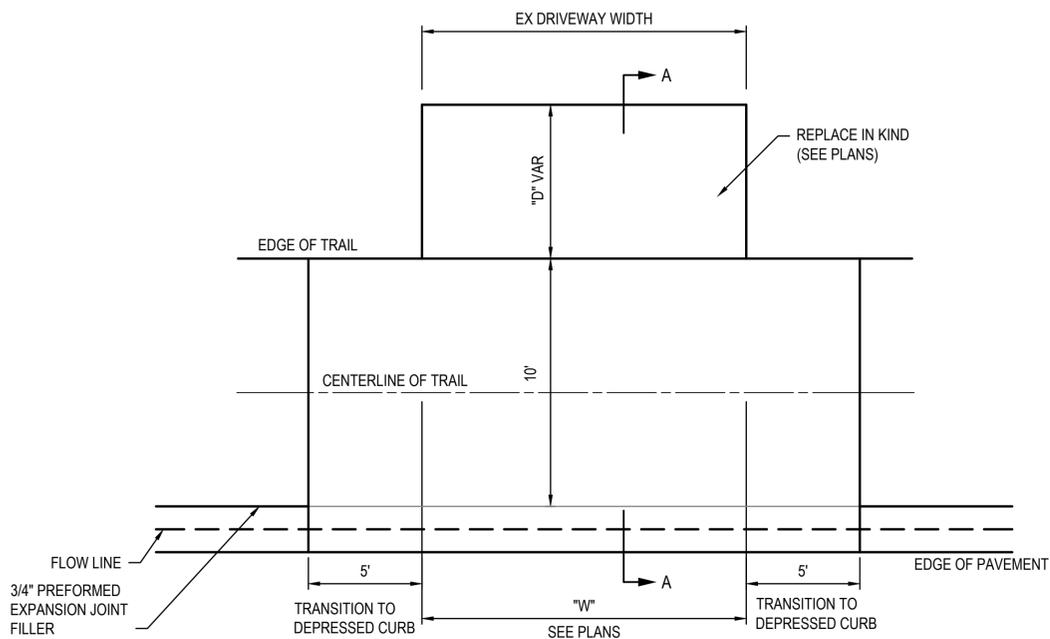
**EXPANSION & CONTRACTION JOINTS FOR CONCRETE PAVEMENT**

1 SCALE: NO SCALE



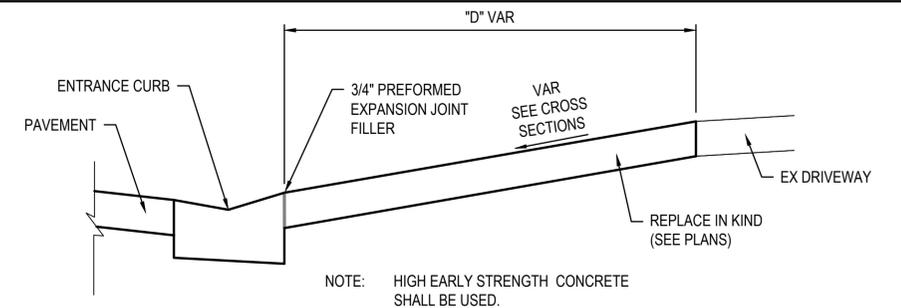
**SECTION A-A**

NOTE: HIGH EARLY STRENGTH CONCRETE SHALL BE USED.



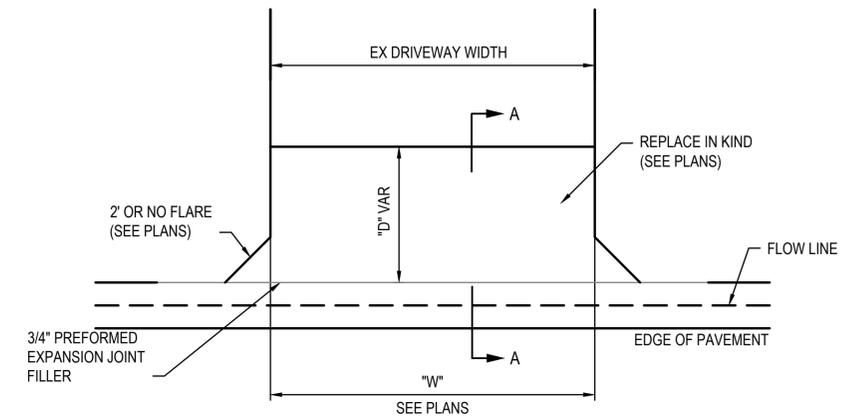
**PRIVATE ENTRANCE W/ TRAIL DETAIL**

2 SCALE: NO SCALE



**SECTION A-A**

NOTE: HIGH EARLY STRENGTH CONCRETE SHALL BE USED.

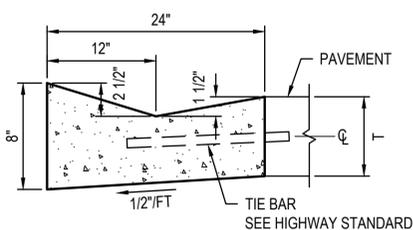


**PRIVATE ENTRANCE W/O TRAIL DETAIL**

3 SCALE: NO SCALE

NOTES:

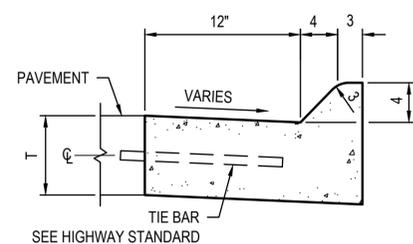
- CONTRACTION JOINTS ARE TO BE ON ±5' CENTERS
- EXPANSION JOINTS ARE TO BE ON ±100' CENTERS AND AT POINTS OF CURVATURE.
- EXPANSION JOINT REQUIRED BETWEEN THE SIDEWALK AND EXISTING PAVEMENT OR STRUCTURES.
- ALL EXPANSION JOINTS SHALL BE SEALED WITH GUN GRADE SEALANT.



T = THICKNESS OF PAVEMENT + BASE

**V - GUTTER DETAIL**

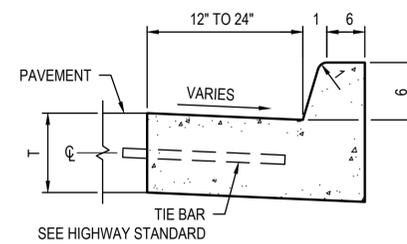
4 SCALE: NO SCALE



T = THICKNESS OF PAVEMENT + BASE

**COMBINATION CONCRETE MOUNTABLE CURB & GUTTER DETAIL (TYPE M4.12)**

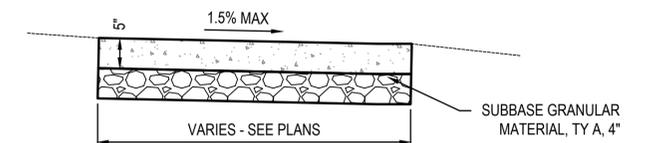
5 SCALE: NO SCALE



T = THICKNESS OF PAVEMENT + BASE

**COMBINATION CONCRETE CURB AND GUTTER DETAIL (TYPE B6.12 & B6.24)**

6 SCALE: NO SCALE



**PC CONCRETE SIDEWALK DETAIL**

7 SCALE: NO SCALE

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG



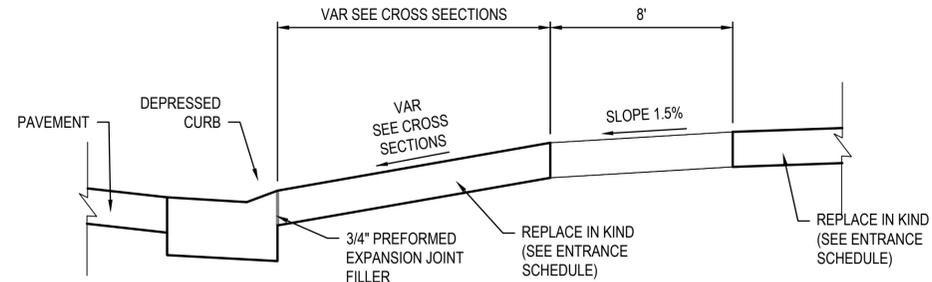
USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	ARM	REVISED -	
PLOT DATE =	2023-12-13	CHECKED -	TLC	REVISED -	
		DATE -	23-03-29	REVISED -	

**CITY OF TROY**  
 116 E MARKET ST  
 TROY, IL 62294

**SITE DETAILS**

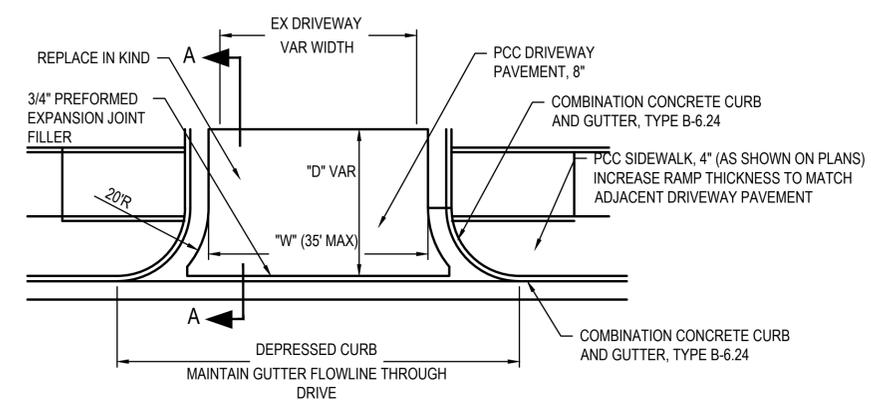
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	27
WYNONNA TRAIL				
CITY OF TROY				

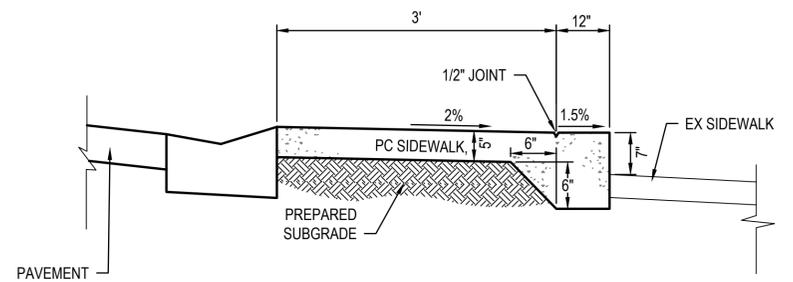


NOTE: HIGH EARLY STRENGTH CONCRETE SHALL BE USED.

**SECTION A-A**



**1 TYPICAL COMMERCIAL ENTRANCE DETAIL**  
SCALE: NO SCALE



**2 CONCRETE STEP DETAIL @ STA 15+24**  
SCALE: NO SCALE

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG

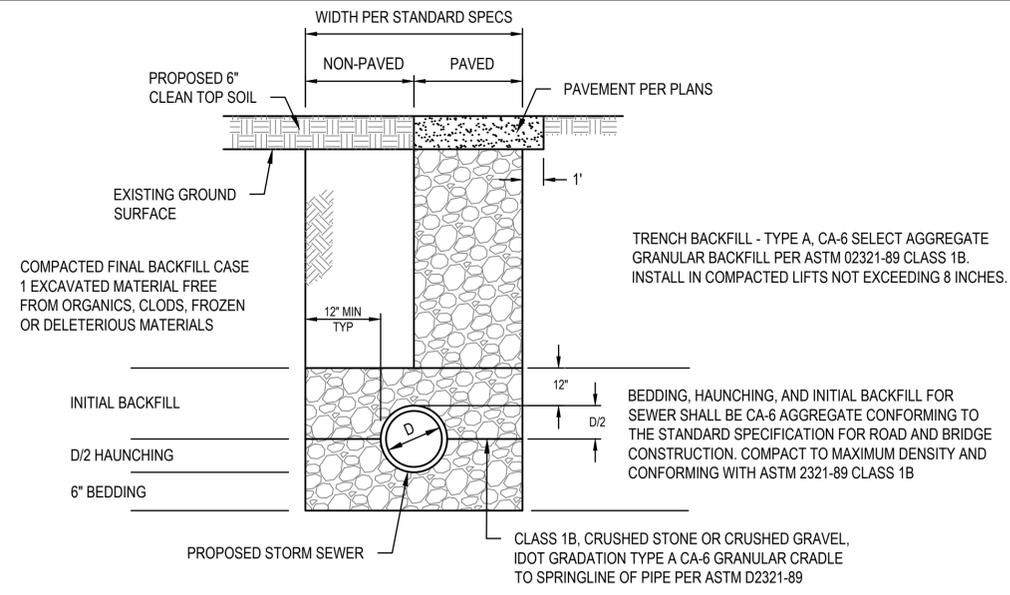
**OATES ASSOCIATES**  
www.oatesassociates.com  
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
		DRAWN -	ARM	REVISED -	
PLOT SCALE =	1' = 1'	CHECKED -	TLC	REVISED -	
PLOT DATE =	2023-12-13	DATE -	23-03-29	REVISED -	

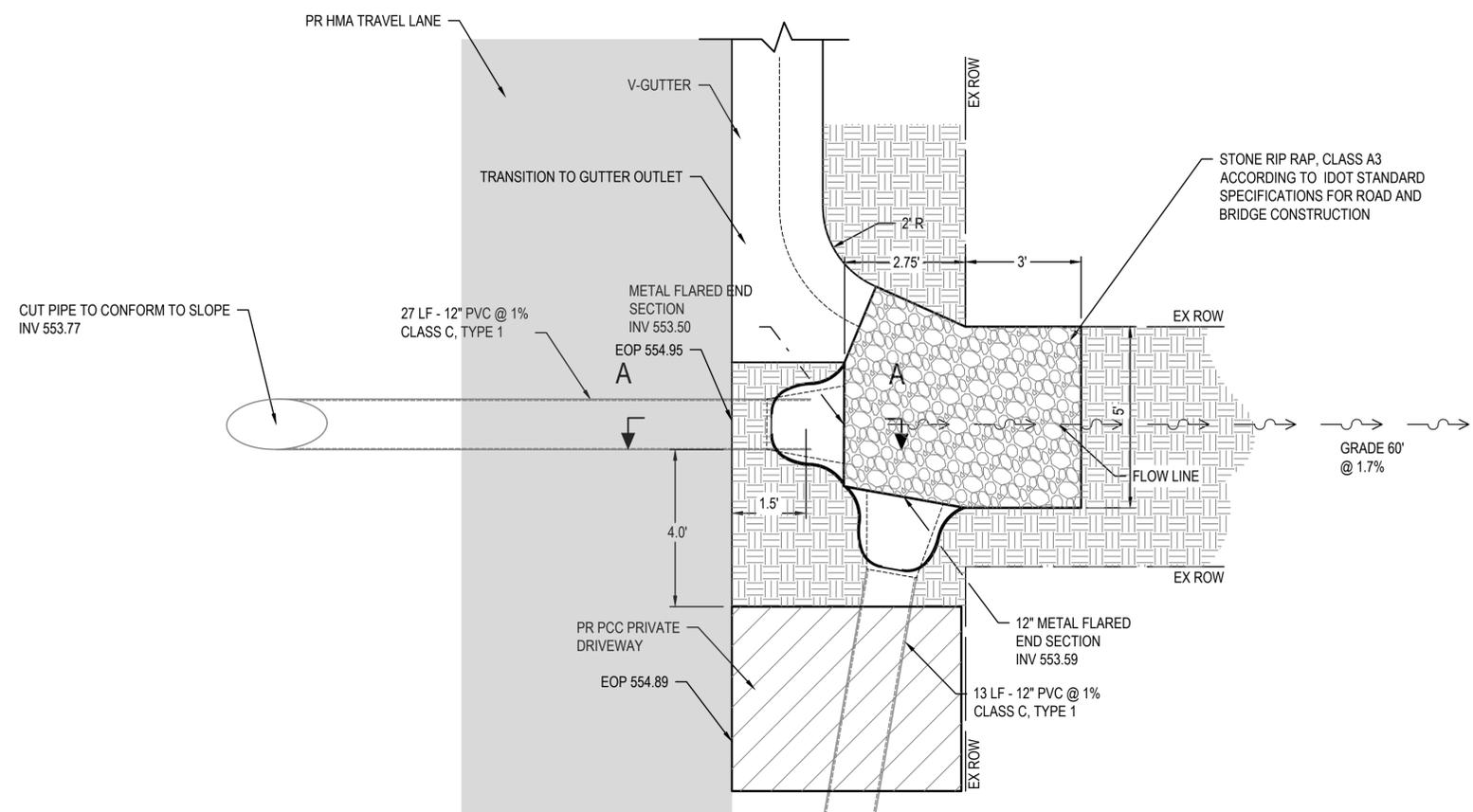
**CITY OF TROY**  
116 E MARKET ST  
TROY, IL 62294

SITE DETAILS	
SCALE:	SHEET NO. 4 OF 4 SHEETS STA. TO STA.

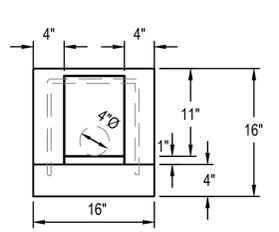
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	28
WYNONNA TRAIL CITY OF TROY				



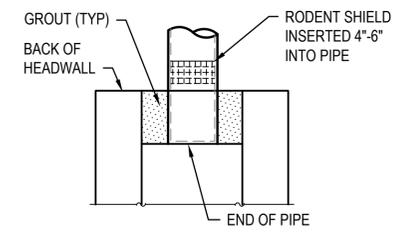
**1 PIPE CULVERT / STORM SEWER INSTALLATION DETAIL**  
SCALE: NO SCALE



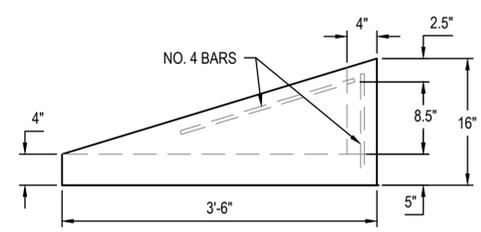
**PLAN VIEW**



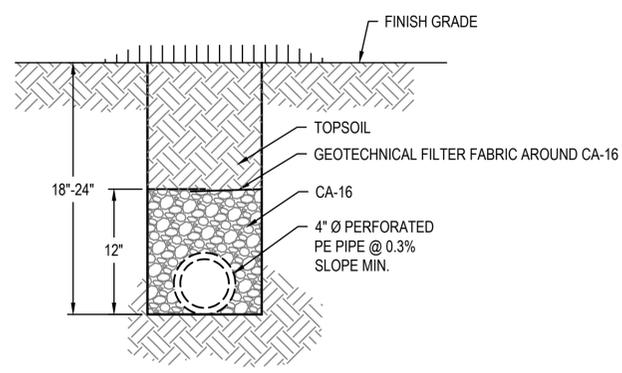
**FRONT VIEW**



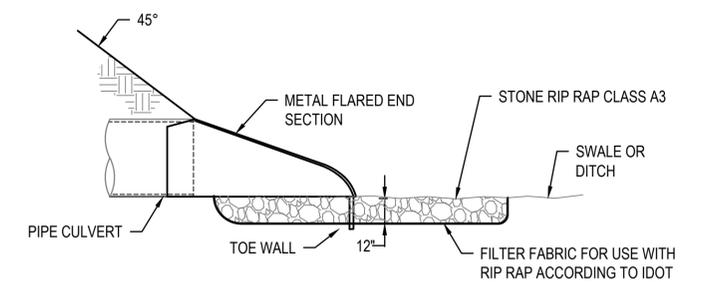
**RODENT SHIELD PLACEMENT**



**SIDE VIEW**



**3 UNDERDRAIN DETAIL**  
SCALE: NO SCALE



**SECTION A-A VIEW**

**4 PIPE CULVERT DETAIL**  
SCALE: NO SCALE

**2 CONCRETE HEADWALL FOR PIPE UNDERDRAINS**  
SCALE: NO SCALE

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG

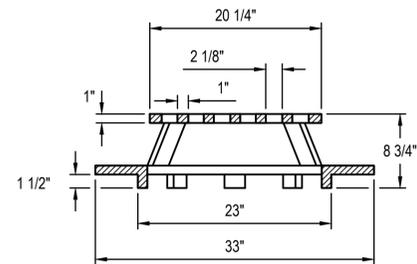
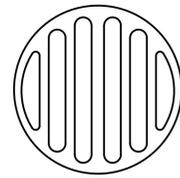


USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	ARM	REVISED -	
PLOT DATE =	2023-12-13	CHECKED -	TLC	REVISED -	
		DATE -	23-03-29	REVISED -	

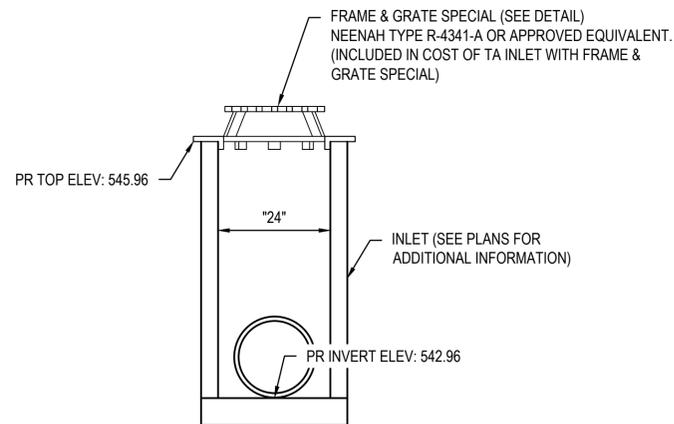
**CITY OF TROY**  
116 E MARKET ST  
TROY, IL 62294

<b>DRAINAGE DETAILS</b>			
SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.

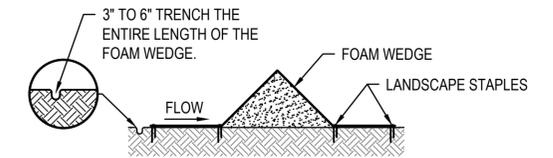
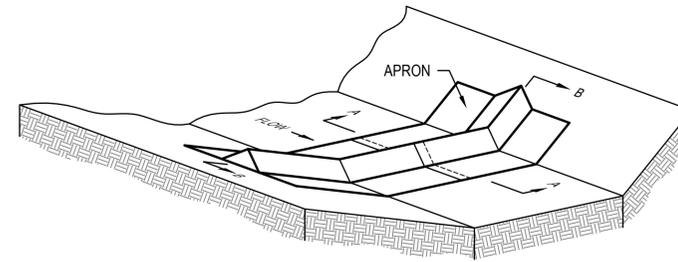
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	29
WYNONNA TRAIL CITY OF TROY				



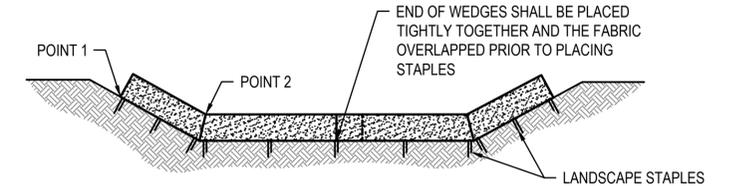
**1** FRAME & GRATE SPECIAL (NEENAH R-4341-A OR APPROVED EQUIVALENT)  
SCALE: NO SCALE



**2** INLET TA WITH SPECIAL FRAME & GRATE (@ STA 22+04)  
SCALE: NO SCALE



SECTION A-A



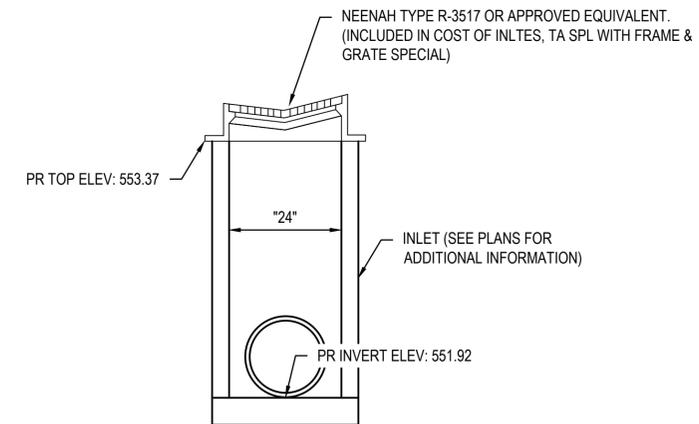
SECTION B-B

NOTE:  
POINT 1 SHALL BE HIGHER THAN POINT 2 TO ALLOW WATER TO RUN OVER THE WEDGES AND NOT AROUND THE ENDS.

STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE UNIT AS SHOWN IN THE DETAIL.

IN THE SUMMARY OF QUANTITIES, SCHEDULES, OR PLANS, THE QUANTITY "EACH" REFERS TO EACH LOCATION. THE CONTRACTOR SHALL INSTALL THE NUMBER OF INDIVIDUAL FOAM WEDGES REQUIRED TO ENSURE THAT POINT 1 IS HIGHER THAN POINT 2

**3** TEMPORARY DITCH CHECK  
SCALE: NO SCALE



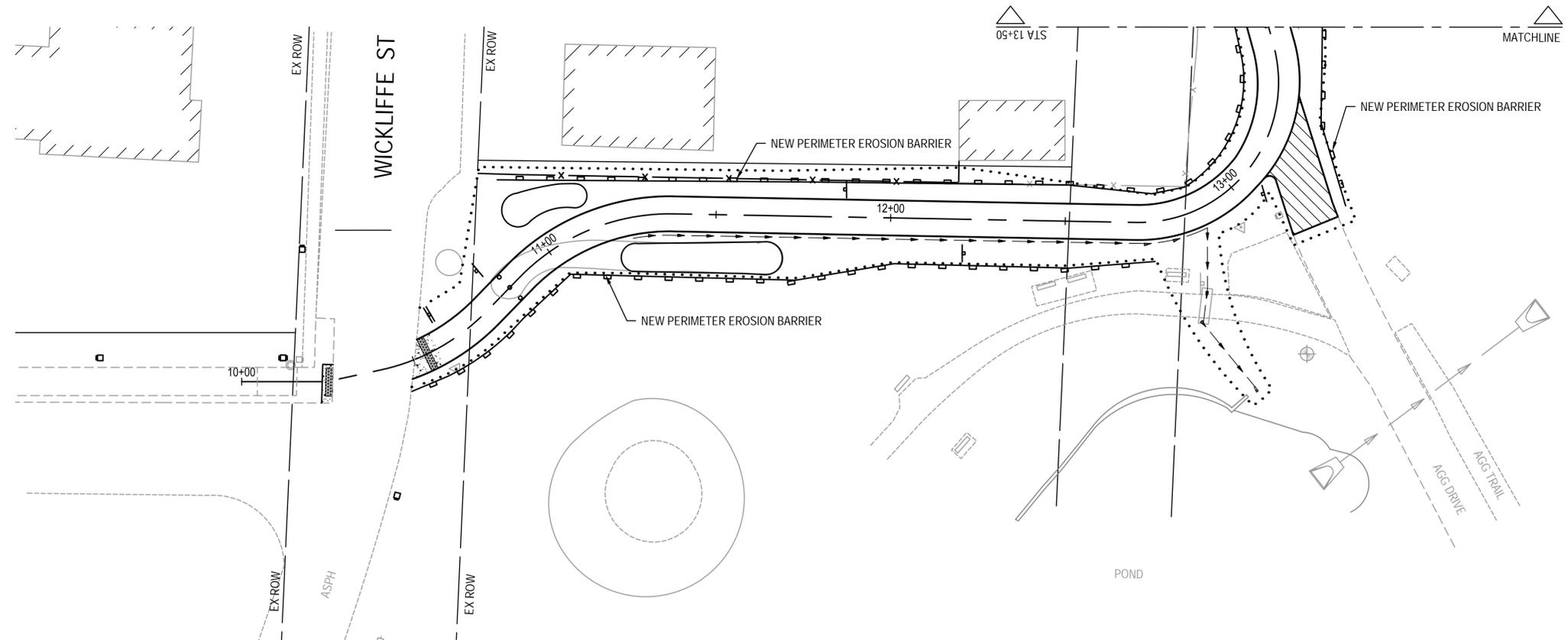
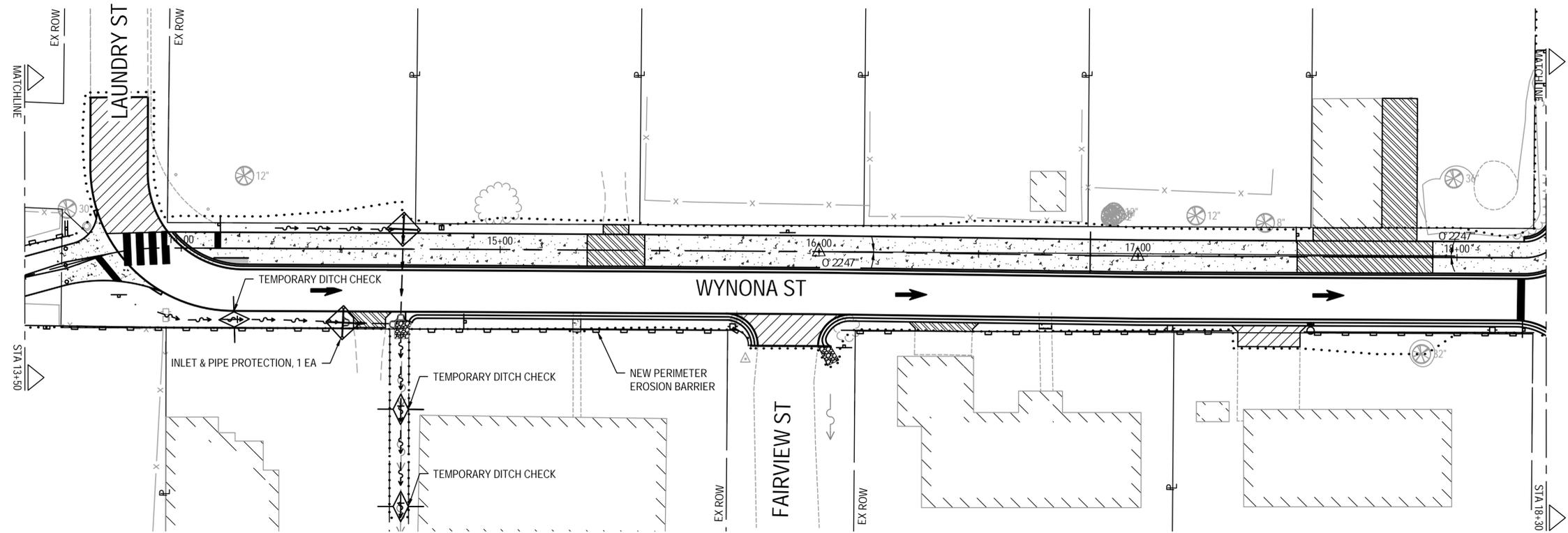
**4** INLETS, TA SPL WITH SPECIAL FRAME & GRATE (@ STA 20+34)  
SCALE: NO SCALE

FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG

USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
PLOT SCALE =	1' = 1'	DRAWN -	ARM	REVISED -	
PLOT DATE =	2023-12-13	CHECKED -	TLC	REVISED -	
		DATE -	23-03-29	REVISED -	

SCALE:		SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.
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MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	30
WYNONNA TRAIL CITY OF TROY				



FILE NAME = 15082.003 - WYNONA TRAIL DESIGN.DWG



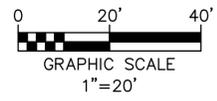
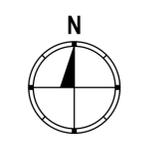
USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
		DRAWN -	ARM	REVISED -	
PLOT SCALE =	1" = 1'	CHECKED -	TLC	REVISED -	
PLOT DATE =	2023-12-13	DATE -	23-03-29	REVISED -	

**CITY OF TROY**  
116 E MARKET ST  
TROY, IL 62294

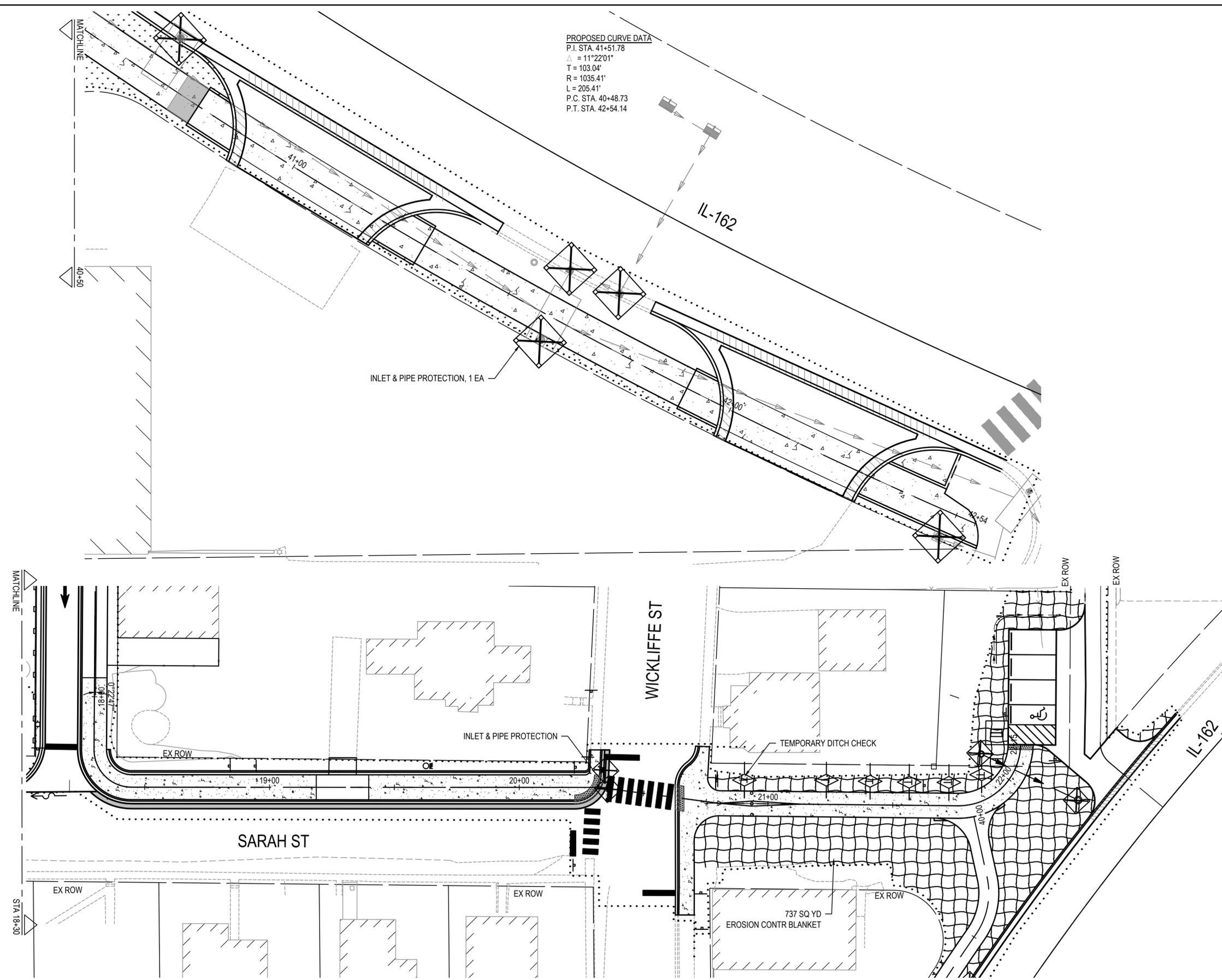
**EROSION CONTROL SHEET**

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	31
WYNONNA TRAIL CITY OF TROY				



PROPOSED CURVE DATA  
 P.I. STA. 41+51.78  
 $\Delta = 11^{\circ}22'01''$   
 T = 103.04'  
 R = 1035.41'  
 L = 205.41'  
 P.C. STA. 40+48.73  
 P.T. STA. 42+54.14



FILE NAME = 15082.003 - WYNONNA TRAIL DESIGN.DWG

**OATES ASSOCIATES**  
 www.oatesassociates.com  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME =	ANDREA MENSE	DESIGNED -	TLC	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	ARM	REVISED -	
PLOT DATE =	2023-12-13	CHECKED -	TLC	REVISED -	
		DATE -	23-03-29	REVISED -	

**CITY OF TROY**  
 116 E MARKET ST  
 TROY, IL 62294

**EROSION CONTROL SHEET**

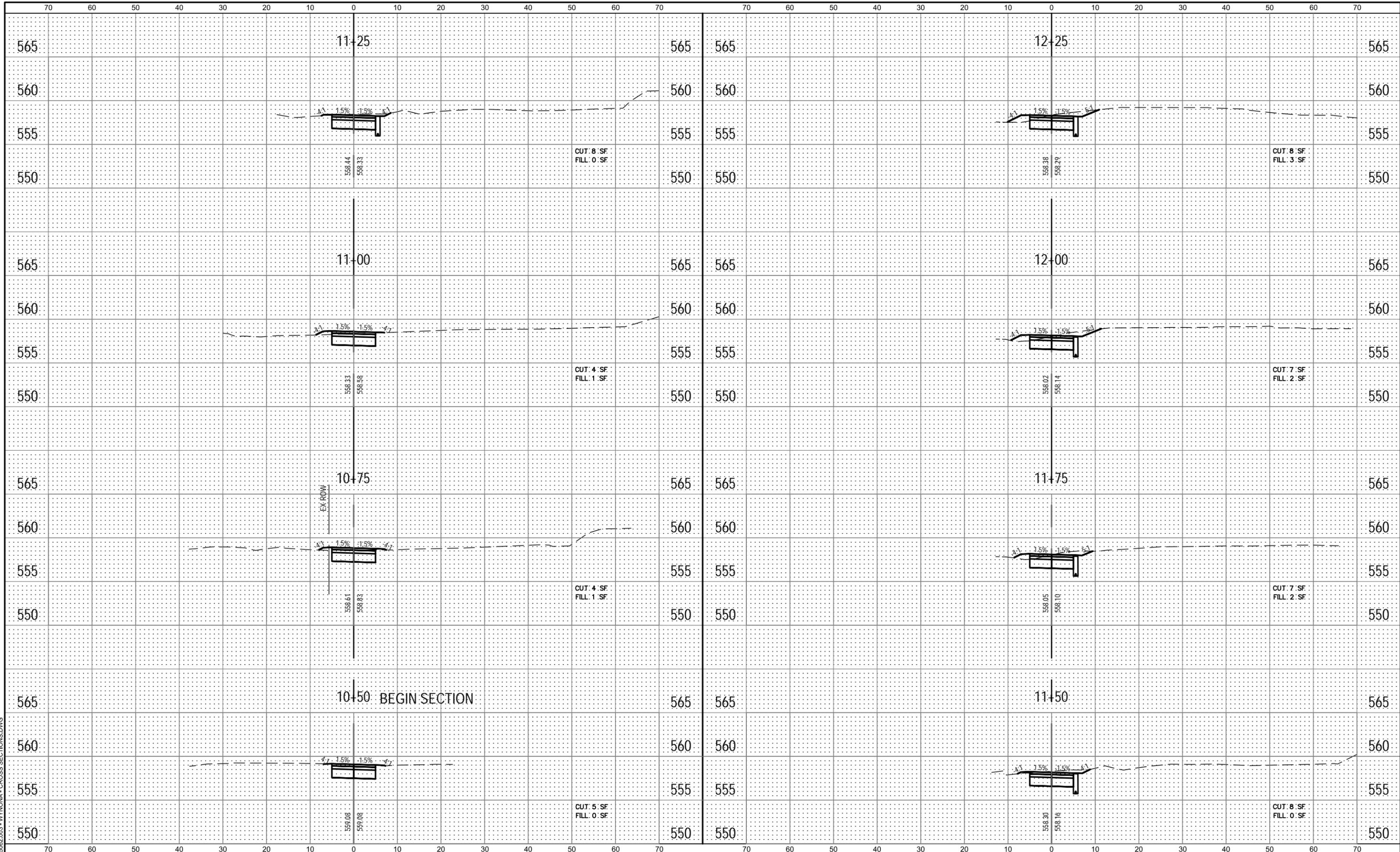
SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	32
WYNONNA TRAIL CITY OF TROY				

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

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

FILE NAME = 15092.003 - WYONIA - CROSS SECTIONS.DWG



USER NAME =	ANDREA MENSE	DESIGNED -	PHJ	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	ARM	REVISED -	
PLOT DATE =	2023-11-30	CHECKED -	TLC	REVISED -	
		DATE -	2022-07-28	REVISED -	

**CITY OF TROY**  
116 E MARKET ST  
TROY, ILLINOIS 62294

**CROSS SECTIONS**

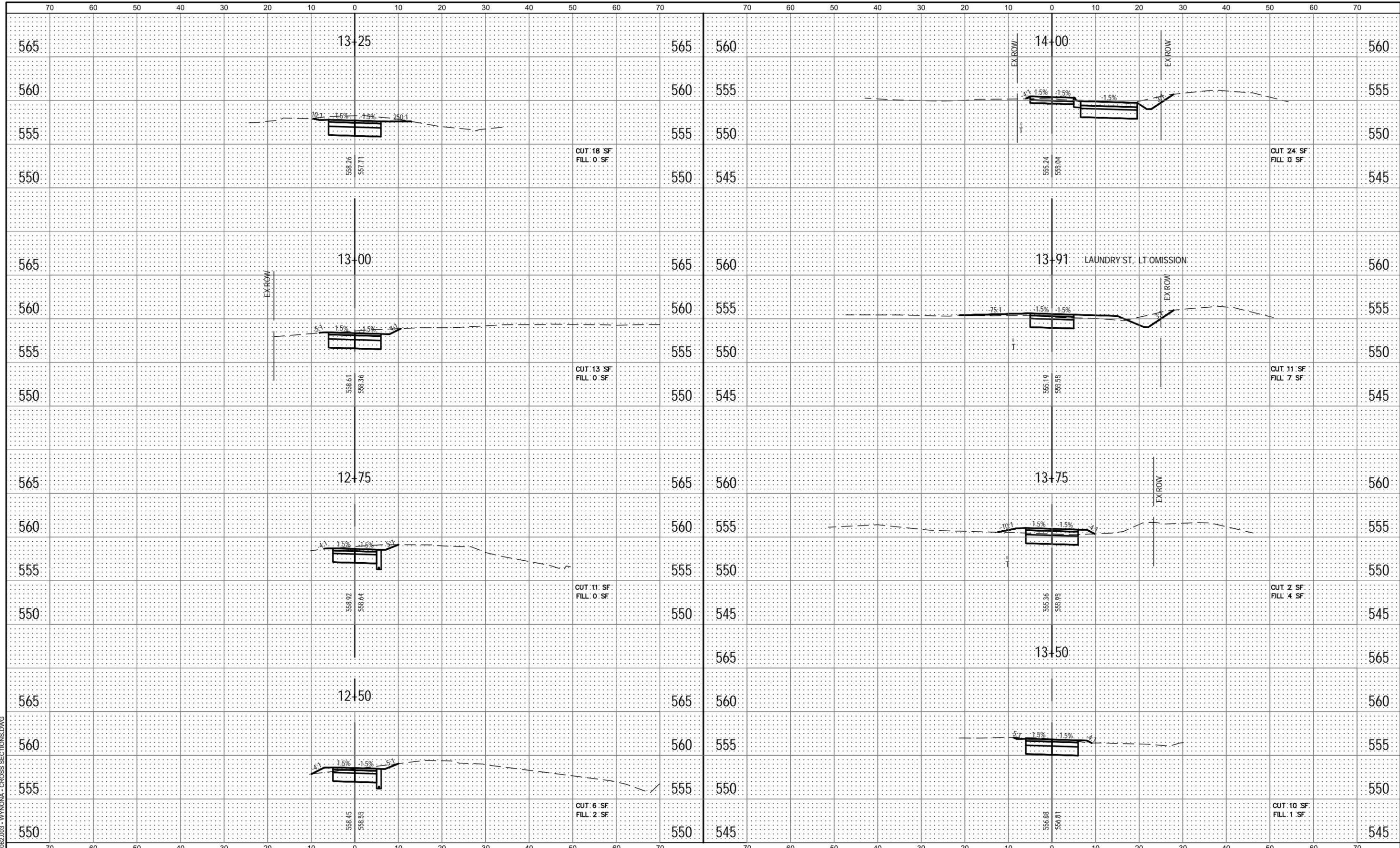
SCALE: SHEET NO. 1 OF 8 SHEETS STA. 10+50 TO STA. 12+25

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	33
CITY OF TROY PEDESTRIAN PATHS				
CITY OF TROY				

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

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

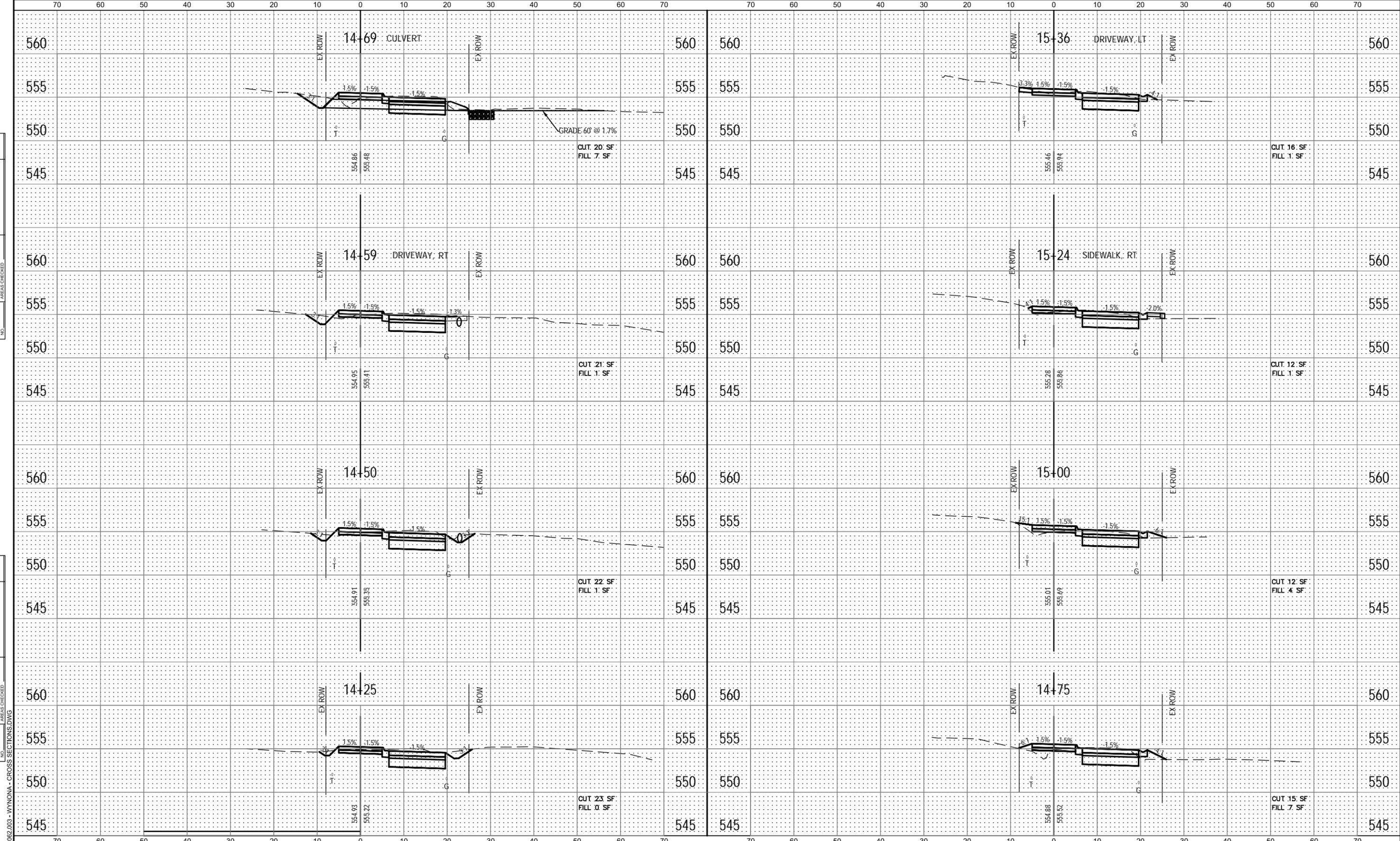
FILE NAME = 15092.003 - WYONIA - CROSS SECTIONS.DWG



 OATES ASSOCIATES ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115	USER NAME = ANDREA MENSE PLOT SCALE = 1" = 1' PLOT DATE = 2023-11-30	DESIGNED - PHJ DRAWN - ARM CHECKED - TLC DATE - 2022-07-28	REVISED - REVISED - REVISED - REVISED -	<b>CITY OF TROY</b> 116 E MARKET ST TROY, ILLINOIS 62294	<b>CROSS SECTIONS</b> SCALE: SHEET NO. 2 OF 8 SHEETS STA. 12+50 TO STA. 14+00	<table border="1"> <tr> <th>MUN</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>1098/6110</td> <td></td> <td>MADISON</td> <td>41</td> <td>34</td> </tr> </table>	MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1098/6110		MADISON	41	34
	MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.											
1098/6110		MADISON	41	34												
				CITY OF TROY PEDESTRIAN PATHS CITY OF TROY												

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

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



FILE NAME = 15092.003 - WYONIA - CROSS SECTIONS.DWG  
 OATES ASSOCIATES  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = ANDREA MENSE	DESIGNED - PHJ	REVISED -
PLOT SCALE = 1" = 1'	DRAWN - ARM	REVISED -
PLOT DATE = 2023-11-30	CHECKED - TLC	REVISED -
	DATE - 2022-07-28	REVISED -

CITY OF TROY  
 116 E MARKET ST  
 TROY, ILLINOIS 62294

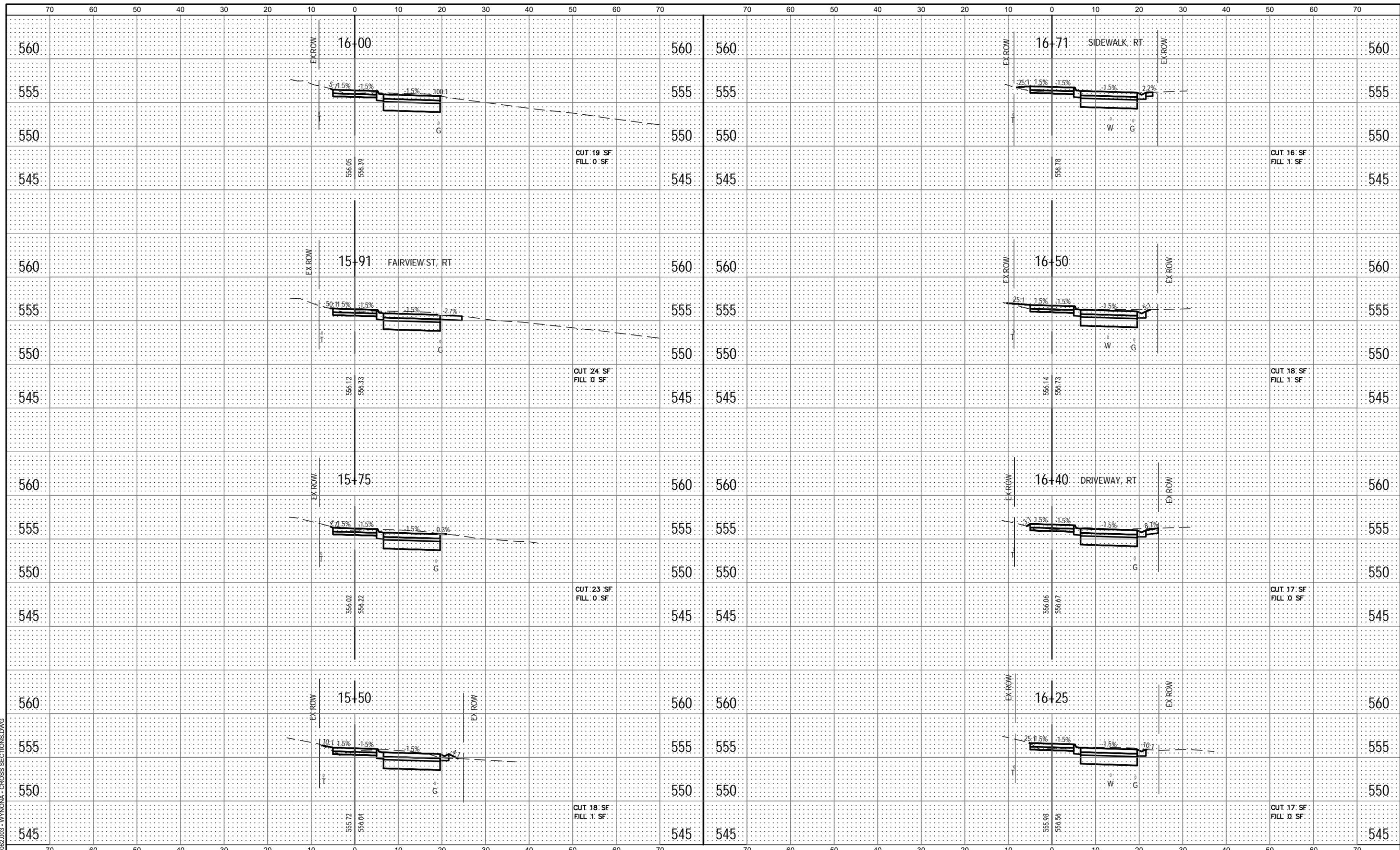
CROSS SECTIONS		
SCALE:	SHEET NO. 3 OF 8 SHEETS	STA. 14+25 TO STA. 15+36

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	35
CITY OF TROY PEDESTRIAN PATHS				
CITY OF TROY				

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

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

FILE NAME = 15092.003 - WYONIA - CROSS SECTIONS.DWG



**OATES ASSOCIATES**  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = ANDREA MENSE	DESIGNED - PHJ	REVISED -
PLOT SCALE = 1" = 1'	DRAWN - ARM	REVISED -
PLOT DATE = 2023-11-30	CHECKED - TLC	REVISED -
	DATE - 2022-07-28	REVISED -

**CITY OF TROY**  
 116 E MARKET ST  
 TROY, ILLINOIS 62294

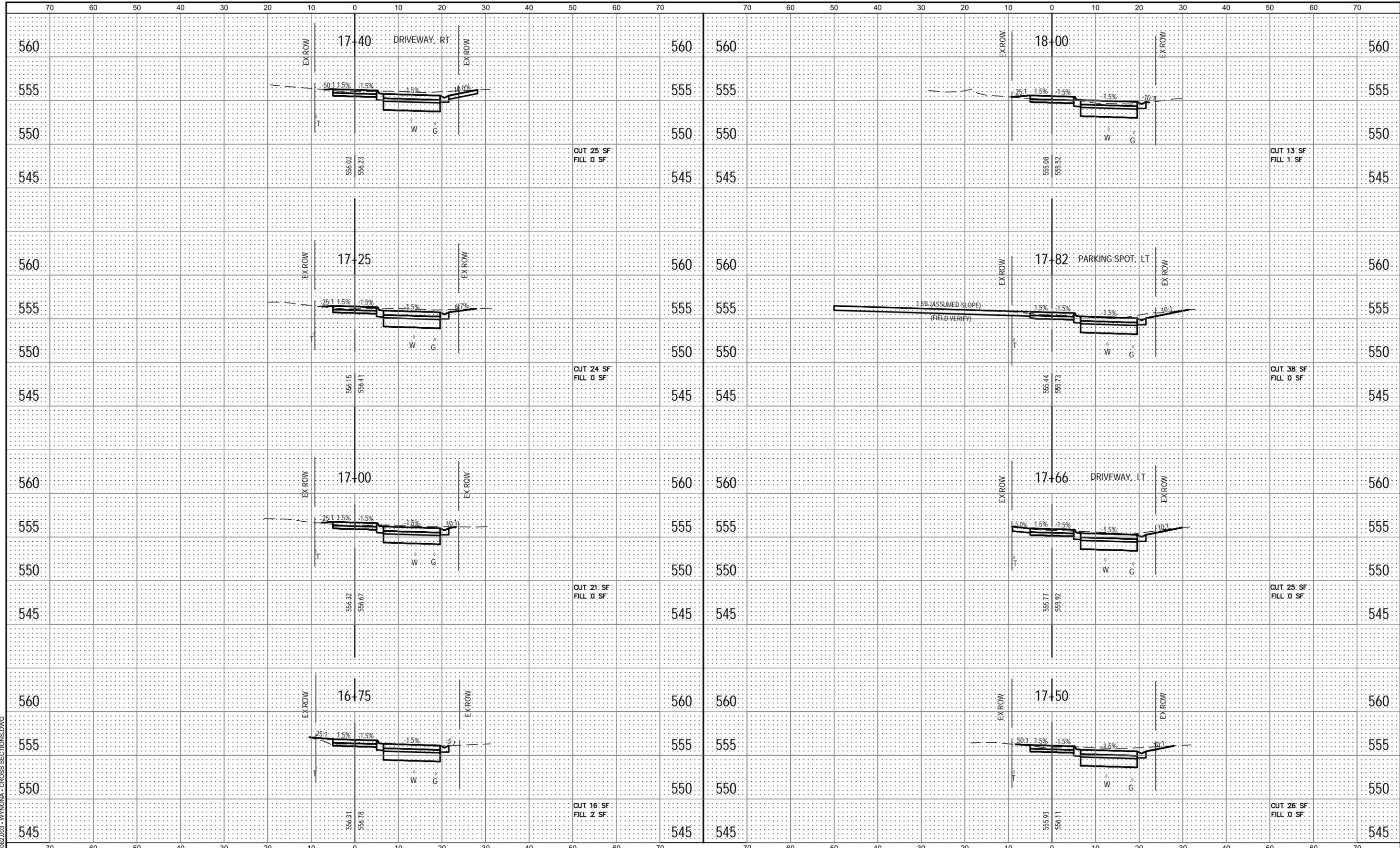
<b>CROSS SECTIONS</b>		
SCALE:	SHEET NO. 4 OF 8 SHEETS	STA. 15+50 TO STA. 16+71

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	36
CITY OF TROY PEDESTRIAN PATHS				
CITY OF TROY				

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

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

FILE NAME = 15092.003 - WYONIA - CROSS SECTIONS.DWG



**OATES ASSOCIATES**  
 ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = ANDREA MENSE	DESIGNED - PHJ	REVISED -
PLOT SCALE = 1" = 1'	DRAWN - ARM	REVISED -
PLOT DATE = 2023-11-30	CHECKED - TLC	REVISED -
	DATE - 2022-07-28	REVISED -

**CITY OF TROY**  
 116 E MARKET ST  
 TROY, ILLINOIS 62294

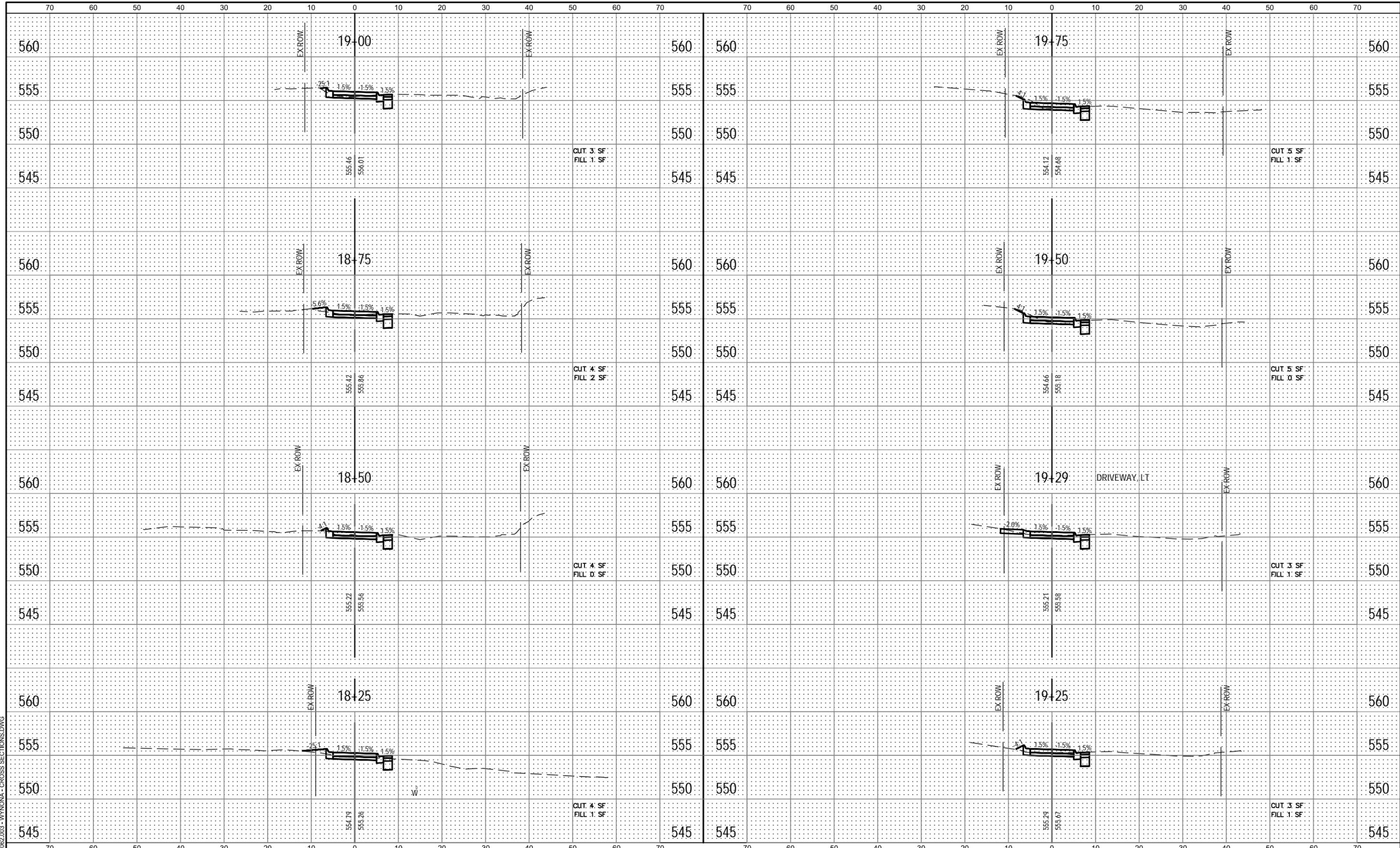
<b>CROSS SECTIONS</b>		
SCALE:	SHEET NO. 5 OF 8 SHEETS	STA. 16+75 TO STA. 18+00

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	37
CITY OF TROY PEDESTRIAN PATHS				
CITY OF TROY				

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

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

FILE NAME = 15092.003 - WYONIA - CROSS SECTIONS.DWG



USER NAME = ANDREA MENSE	DESIGNED - PHJ	REVISED -
PLOT SCALE = 1" = 1'	DRAWN - ARM	REVISED -
PLOT DATE = 2023-11-30	CHECKED - TLC	REVISED -
	DATE - 2022-07-28	REVISED -

CITY OF TROY  
116 E MARKET ST  
TROY, ILLINOIS 62294

**CROSS SECTIONS**

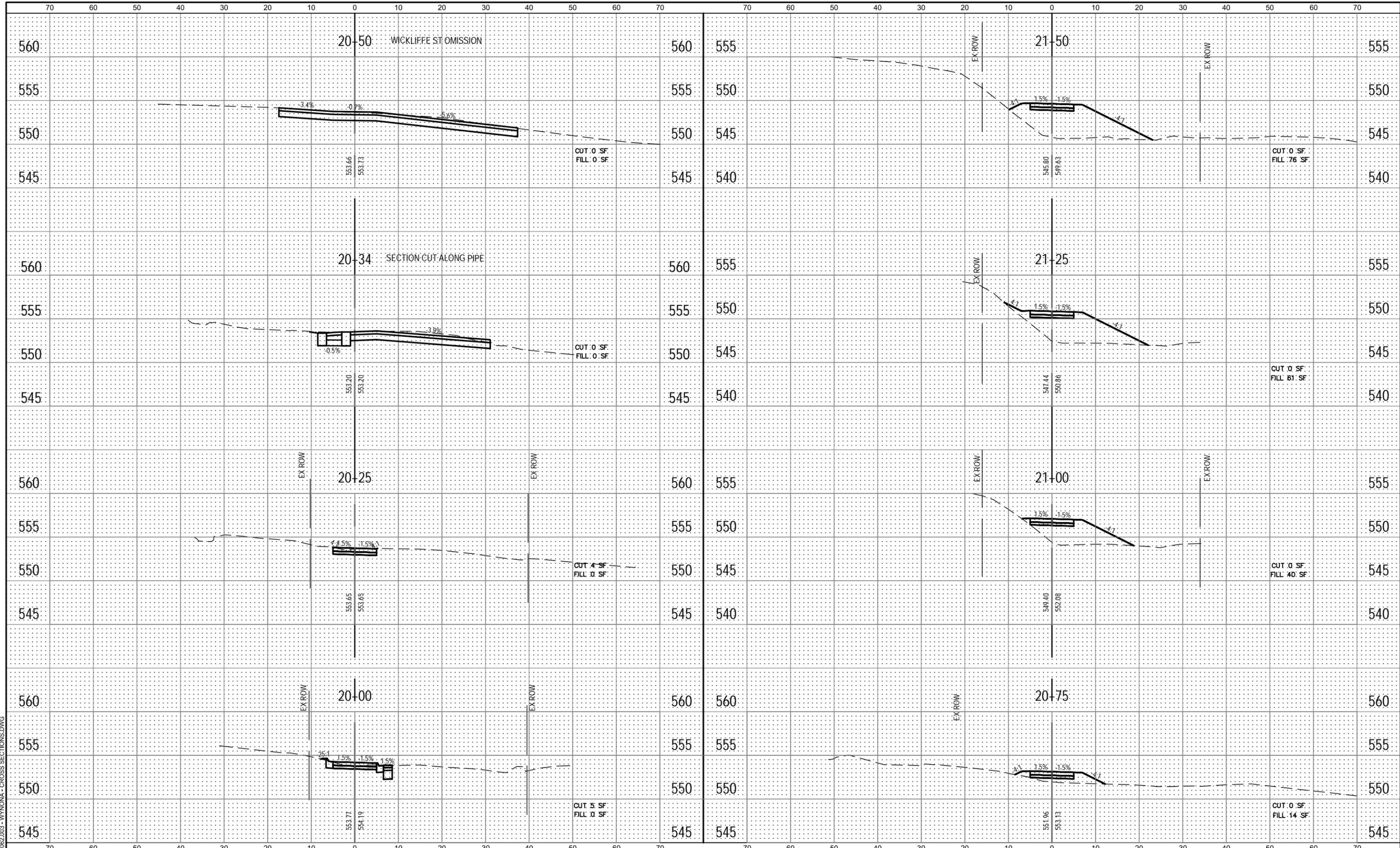
SCALE: SHEET NO. 6 OF 8 SHEETS STA. 18+25 TO STA. 19+75

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	38
CITY OF TROY PEDESTRIAN PATHS CITY OF TROY				

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

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

FILE NAME = 15092.003 - WYONIA - CROSS SECTIONS.DWG



USER NAME = ANDREA MENSE	DESIGNED - PHJ	REVISED -
PLOT SCALE = 1" = 1'	DRAWN - ARM	REVISED -
PLOT DATE = 2023-11-30	CHECKED - TLC	REVISED -
	DATE - 2022-07-28	REVISED -

CITY OF TROY  
116 E MARKET ST  
TROY, ILLINOIS 62294

**CROSS SECTIONS**

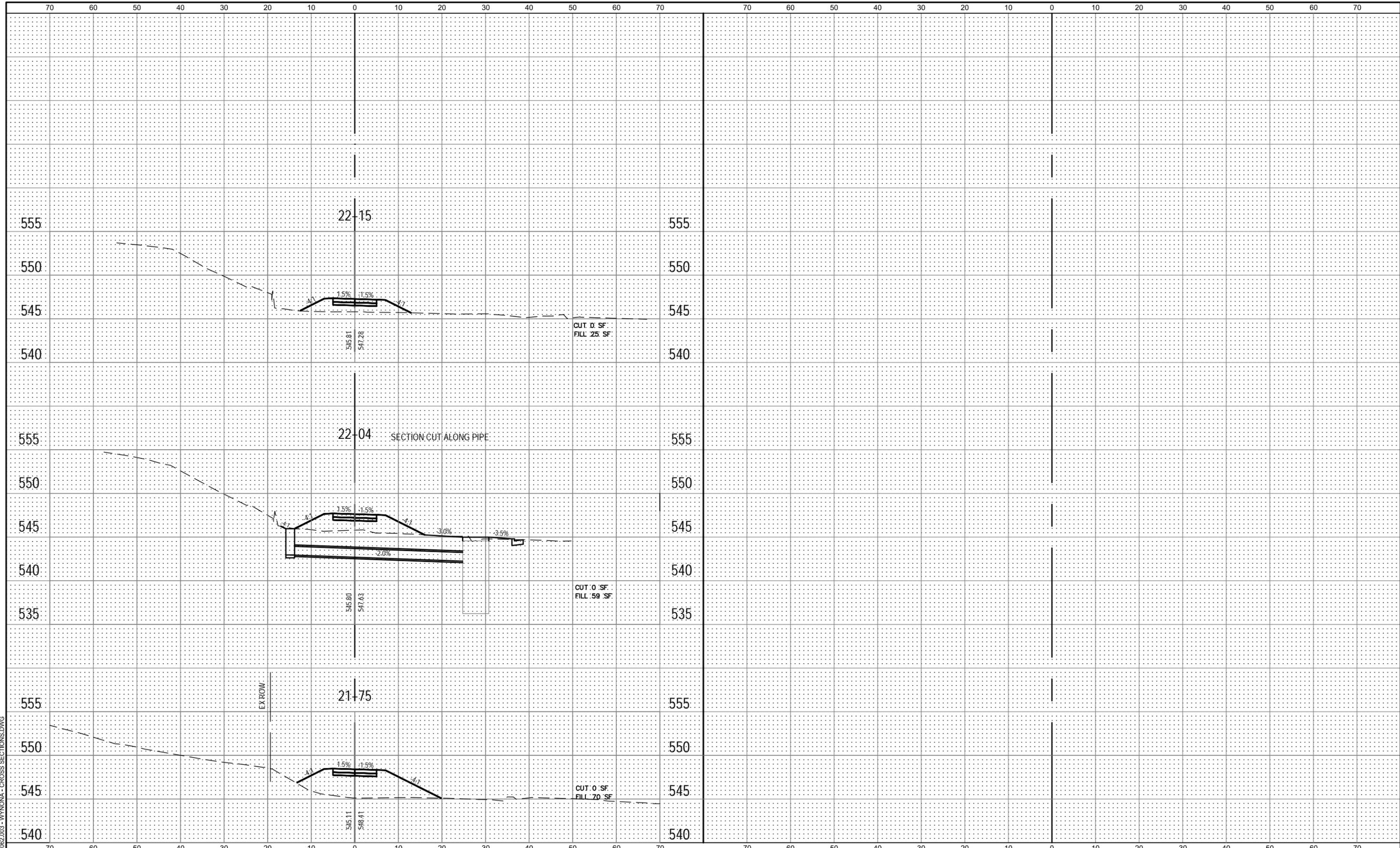
SCALE: SHEET NO. 7 OF 8 SHEETS STA. 20+00 TO STA. 21+50

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	39
CITY OF TROY PEDESTRIAN PATHS CITY OF TROY				

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

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

FILE NAME = 15092.003 - WYONNA - CROSS SECTIONS.DWG



USER NAME =	ANDREA MENSE	DESIGNED -	PHJ	REVISED -	
PLOT SCALE =	1" = 1'	DRAWN -	ARM	REVISED -	
PLOT DATE =	2023-11-30	CHECKED -	TLC	REVISED -	
		DATE -	2022-07-28	REVISED -	

CITY OF TROY  
116 E MARKET ST  
TROY, ILLINOIS 62294

**CROSS SECTIONS**

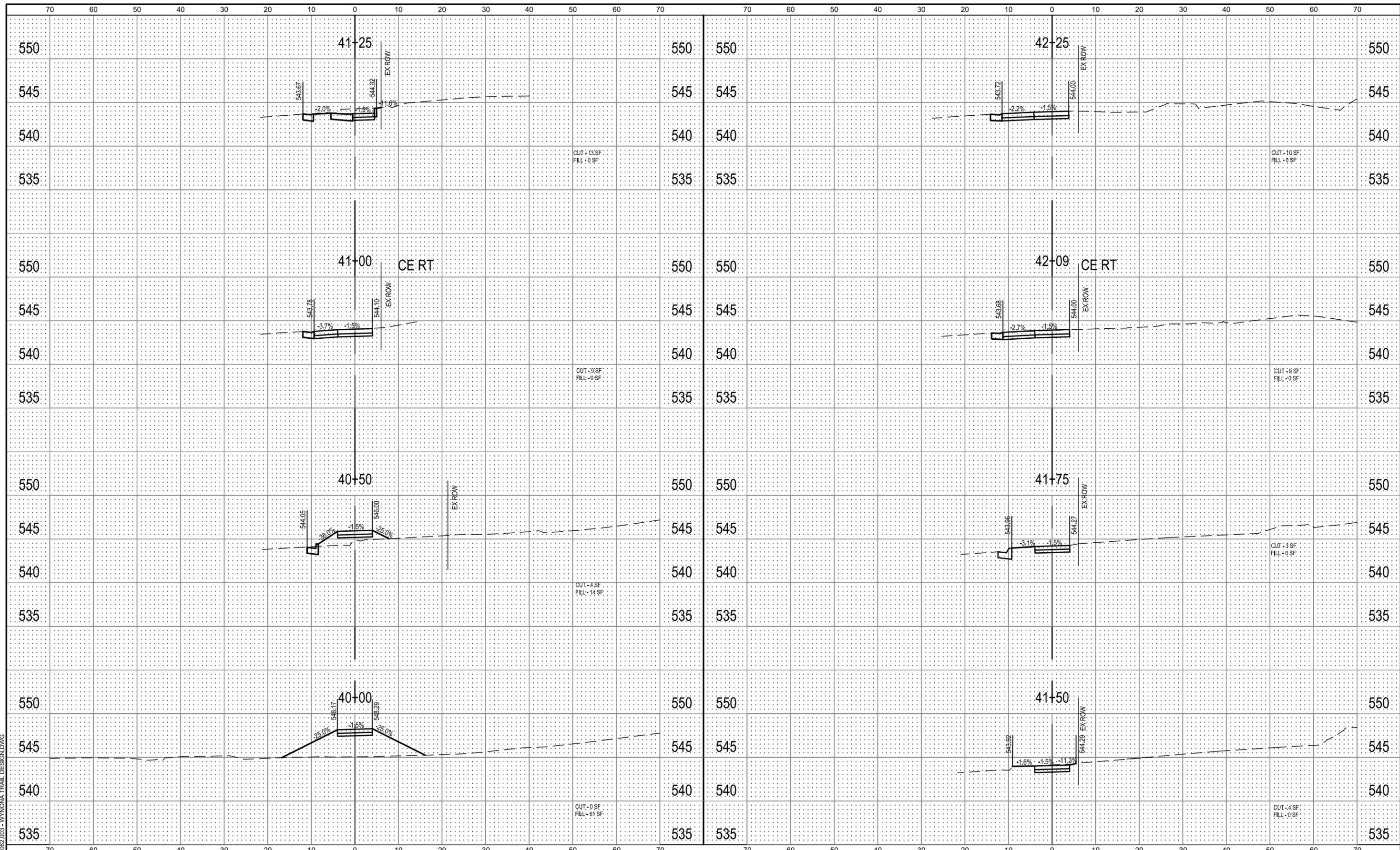
SCALE: SHEET NO. 8 OF 8 SHEETS STA. 21+75 TO STA. 22+15

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	40
CITY OF TROY PEDESTRIAN PATHS				
CITY OF TROY				

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

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

FILE NAME = 15092.003 - WYNOVA TRAIL DESIGN.DWG



USER NAME = ANDREA MENSE	DESIGNED - PHJ	REVISED -
PLOT SCALE = 1" = 1'	DRAWN - ARM	REVISED -
PLOT DATE = 2023-11-30	CHECKED - TLC	REVISED -
	DATE - 2022-07-28	REVISED -

CITY OF TROY  
116 E MARKET ST  
TROY, ILLINOIS 62294

**CROSS SECTIONS - IL 162 SIDEWALK**

SCALE: SHEET NO. 1 OF 1 SHEETS STA. 40+00 TO STA. 42+25

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1098/6110		MADISON	41	41
CITY OF TROY PEDESTRIAN PATHS CITY OF TROY				